Federal Democratic Republic Of Ethiopia

CENTRAL AGRICULTURAL CENSUS COMMISSION

# ETHIOPIAN AGRICULTURAL SAMPLE ENUMERATION, 2001/02(1994 E.C.)

## Results at COUNTRY LEVEL

*STATISTICAL REPORT ON SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS, LAND USE, AND AREA AND PRODUCTION OF CROPS*

## PART I

Addis Ababa

July, 2003

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Federal Democratic Republic Of Ethiopia

**CENTRAL AGRICULTURAL CENSUS COMMISSION**

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*STATISTICAL REPORT ON SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS, LAND USE, AND AREA AND PRODUCTION OF CROPS*

## PART I

**Addis Ababa**
**July, 2003**

PREPARED AND PRINTED BY
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# FOREWORD

An agricultural census, which would serve as a source of a benchmark data for the sector has not been conducted in Ethiopia. However, in order to provide basic agricultural information to data users, annual agricultural sample surveys have been carried-out since 1980/81 by the Central Statistical Authority (CSA). Although, these annual sample surveys have some limitations in terms of scope, coverage and level of disaggregation, these surveys have served as a means of narrowing the data gap in the sector.

Considering the importance of the agricultural sector and the need for a comprehensive data, the CSA has requested the concerned government authority to initiate the undertaking of a National Agricultural Census several times. That is, it has submitted a project proposal immediately after the launching of the 1984 National Population and Housing Census. Moreover, it has also attempted to materialize this census in late 1980's and in early 1990's i.e. immediately after the undertaking of the 1994 National Population and Housing Census. The attempt continued till CSA got a positive response from the government in 1998. Hence, the CSA has been carrying out the Agricultural Census preparatory activities from September 1999, to August 2001.

Thus, in order to overcome the above-mentioned limitations on the data generated from the Annual Agricultural Sample Surveys and provide a benchmark data on the agriculture sector, the CSA launched the fieldwork of the first ever Ethiopian Agricultural Sample Enumeration in September 2001. Prior to launching the sample enumeration a number of preparatory activities such as the preparation of the census documents, undertaking the pretests and the pilot censuses,...etc. were also carried-out.

The 2001/02 Ethiopian Agricultural Sample Enumeration was launched under the auspices of the Ethiopian Agricultural Census Commission that was set up under Proclamation No. 238/2001. The Commission is chaired by the Prime Minister and the members of the Commission are drawn from various relevant Federal Ministries and other government organizations. The Central Statistical Authority serves as the Secretariat Office of the

Commission. Hence the collection, processing, evaluation and analysis of the census data as well as its dissemination are the responsibilities of this office.

The 2001/02 Ethiopian Agricultural Sample Enumeration is a huge nation wide operation, which could not be undertaken by a single organization. Hence, in order to enhance and facilitate the census enumeration activities Regional, Zonal, and Wereda Census Commissions have been established and Census Committies were set-up at Kebele levels. In the conduct of this census, full cooperation and assistance of governmental and non-governmental organizations, external donor agencies and the public in general have been obtained.

It is worth mentioning that the 2001/02 Crop Production Forecast Report, which is the first phase of the Agricultural Census was prepared, printed and disseminated to agricultural data users in December, 2001.

On the other hand, the census data on area under crop, production and yield of temporary crops consisted of cereals, pulses, oil seeds, vegetables and root crops for Meher Season was processed, compiled, evaluated and a report has been prepared and printed. This report entitled as a "Report on the Preliminary Results of Area, Production and Yield of Temporary Crops" (Meher Season, Private Peasant Holdings) was the Second Census Report so far published printed and disseminated to agricultural data users in October, 2002. It should be noted that during the census, huge sets of data on agriculture and related topics were collected. Given the limited resources (skilled manpower, computers...) available at the head quarters, data processing and summarization of results require quite longer period, than originally expected.

Since the release of the above mentioned Census Preliminary Report, the CSA, has put all the necessary efforts and made all the available resources (skilled manpower computers,...) at the disposal of the census data processing activities. Consequently, the Authority has reached a stage where the agricultural census data processing activities have advanced to a

stage where the data can be evaluated, reports can be prepared, printed and released to users at regional levels and eventually at country level.

Thus, this country level Agricultural Census Report is the fourteenth series of the census reports. This country level report is a comprehensive one and it consists all of the agricultural data collected during the 2001/02 Ethiopian Agricultural Sample Enumeration. These data include: the socio-economic characteristics of the population in agricultural households; land use; area, production and yield of temporary and permanent crops; farm management practices; livestock, poultry and beehives; and farm implements, draught animals and storage facilities. Similar comprehensive reports for the regions have been released consecutively.

The Office of the Ethiopian Agricultural Census Commission would like to thank all government and non-government agencies who participated in the organization of the census, the supervision of the field work, the data collection, and the respondents who participated in providing the necessary census data. The Ethiopian government has given huge financial and unreserved administrative support in undertaking the 2001/02 Ethiopian Agricultural Sample Enumeration. This indicates the continuous commitment and high priority offered by the Ethiopian Government for the development of the agricultural sector statistics as well as the other socio-economic and demographic statistics.

Finally, the Office would also like to take this opportunity to express its many thanks to the United States Agency for International Development (USAID) for its generous financial and technical assistance for the census. Moreover, thanks are due to the European Union (EU) for its financial assistance and the British Department for International Development (DFID) for its material assistance for the census.

Abdulahi Hassen (Ph.D.)

Member and Secretary,
Central Agricultural Census Commission

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# CHAPTER I

# BACKGROUND

## 1. INTRODUCTION

A nation has to feed its people adequately to have healthy and wealthy citizens for the promotion of its development and growth. A government concerned with the well being of its people and aiming at the rectification of the national economy makes agriculture its top priority for the achievement of the above goals. Policy making and decision taking are essential in this regard. But there are recognized constraints such as the availability of adequate and comprehensive statistical data on agriculture that guides policies and decisions for attaining development targets in the agricultural sector.

In recognition of these constraints, and in an effort to provide accurate, reliable and timely data on the nation's agriculture that policies and decisions entail, the Central Statistical Authority (CSA) has been conducting annual agricultural sample surveys since 1980/81 (1973 E.C.). As a result, data on area, production and yield of major crops, farm management practices, land use, livestock, poultry and beehives have been produced at country, regional and zonal levels for both Meher and Belg seasons on a yearly basis.

Despite this effort, the economic policy has recently focused on agricultural sector and data users became more sophisticated demanding for various data in greater detail on timely basis, with improved accuracy and reliability and highly disaggregated to levels where project planning and implementation take place. Hence, the existing data that has resulted from the regular annual agricultural sample survey could not meet these demands. Accordingly, these needs led the CSA to reappraise the agricultural data it has produced so far and realized the gap between the demand for agricultural data and the data supplied is widening. Thus, as an organization situated between the data and its users, the CSA was prompted by the gravity of the demand for more detailed data to embark upon a census of agriculture in the year 2001/02 and narrow the existing data gap.

Development and monitoring of the agricultural sector require data on a wide range of indicators. A census of agriculture is the leading source of such data. It provides an image of a nation's farming and agricultural activity at a particular point in time (an agricultural production year) for the data disaggregated at the lowest level of reporting.

In Ethiopia, prospects and policies regarding agriculture have evolved significantly over recent years. Economic problems have been the major factor in development and implementation of these policies and programs. The agricultural policies and programs are targeted at ensuring that food crops will be made available to those who need it and don't obtain enough of it or guaranteeing everyone access to safe and nutritious food. To put it in a nutshell: it is to create and maintain food security. The realization of this goal requires the implementation of the policies and programs at woreda level and make available agricultural statistics at corresponding administrative level. It is against this background that the census was conducted to monitor the trends and the changing patterns in agricultural production with the acquisition of agricultural statistics at wereda, zonal, regional and country levels.

## 2. OBJECTIVES OF THE CENSUS

There are fundamental problems prevailing in the agricultural sector that are especially affecting the rural population and often perceived as the maladies of the Ethiopian economy. In order to solve these problems gradually but steadily, the Ethiopian government has been developing various agricultural programs and schemes. To effect these programs and meet other objectives, the census is the appropriate method of data collection for providing much needed and more detailed statistical information on agriculture.

### 2.1 The general objectives are to: -

- Provide benchmark data on the structure of agriculture for planning, policy making and other uses during intercensal years,
- Provide detailed data at lower administrative level,

- Use the census as a vehicle for developing the national agricultural statistics system,
- Secure data for items whose production is limited (rare crops),
- Secure benchmark data for improving the annual agricultural sample survey in the future,
- Make use of the census experience and trained personnel for capacity building and strengthening the Ethiopian Statistical Authority in the field of agricultural statistics, and
- Develop data bank with facility for updating consistency checks and retrieval of data in various forms tailored to the needs of the users.

## 2.2 The specific objectives are to provide: -

- Basic information on the country's agriculture to the government for formulating and implementing timely food security measures and to alert policy makers about the food situation in the country,
- Information to the government to develop and monitor farm programs, study historical trends, appraise current conditions and plan for the future,
- Information for the government to design and allocate funding for extension service projects, and
- Data for the private sector in order to execute the effective production and distribution system in the agricultural sector.

This report presents the Agricultural Sample Enumeration results at country level. It comprises of eight chapters: Chapter I presents the Background and the Objectives of the Census, Chapter II discusses the Census Methodology and Operations which is composed of Scope and Coverage of the Census, Sampling Frame, Sample Design, Sample Selection, Organization of Field Work, Training of Field Staff, Method of Enumeration, Concepts and Definitions and Data Processing. Chapter III deals with Socio-Economic Characteristics of the Population in Agricultural Households. Chapter IV covers Land Utilization and Chapter V deals with Area and Production of Crops and Crop Utilization.

Moreover, Chapter VI treats Farm Management Practices. Further, in Chapter VII of this report, Size, Characteristics and Purpose of Livestock and Livestock Products are discussed. Finally, in Chapter VIII the census results are presented on Farm Implements, Draught Animals and Storage Facilities.

As given above, the Agricultural Census report at Country Level constitutes eight Chapters presented on over seven hundred pages. Hence, it is neither possible nor comfortable to the reader to present it as a single report. Accordingly, the report is presented in Two Parts with the Introductory Chapter (i.e. Chapter I ) and The Census Methodology and Operations (i.e. Chapter II ) as common inputs to each Part. Thus, Part I constitutes the first two common Chapters and Chapters III, IV and V. Part II consists of the first two common Chapters and Chapters VI, VII and VIII.

Also, each Part of the report encompasses Appendix I that shows the Estimation Procedures of Totals, Ratios and Sampling Errors; Appendix II gives the Number of EA's and Agricultural Households Sampled and Covered at country level by wereda; and Appendix III shows the Agricultural Sample Enumeration Questionnaires. Moreover, tables that show the Standard Errors (S.E.) and Coefficients of Variation (C.V.) are given as an annex at the end of the relevant chapters.

# CHAPTER II

# CENSUS METHODOLOGY AND OPERATIONS

## 1. INTRODUCTION

As explained in the introductory chapter of this publication, the census of Agriculture is a large-scale, periodic statistical operation for the collection of quantitative information on the structure of agriculture. Such a huge operation demands sequence of standard activities. In order to collect, process and produce reliable and internationally comparable data, the different technical procedures and operations that have to be applied during the census should follow what has been globally recommended.

Hence, this chapter highlights what has been exercised before and during the census operations in areas of subject and area coverage, census methodology, (such as sampling frame, sample design, listing and selection of primary sampling units and households), and census operations that included organization of field work, training, method of enumeration, quality control and data processing.

The scope of the agricultural census concerns the type and dimension of data to be collected. When the CSA has launched the planning of the census, it solicited the demand of data from various government and non-government organizations which are the major users of the resulting census data. The response was just overwhelming and put the CSA in an awkward position to decide on the scope. The decision on the range and extent of data items to be dealt with by the census is really hard to make given the size of the country's population engaged in agriculture, the limited human and financial resources, and the magnitude of the census work. The CSA had to strike a balance between the scope on the one hand and the available resources and time on the other hand so that there was a trade-off between the two. Since the census of agriculture is not a frequent data collection activity, it is best suited for collecting more data on various characteristics relating to area and production of crops. It lends the opportunity of capturing as much data as possible, especially when it is conducted for the first time. But agricultural census is not a practical means of providing all data. Not

all agricultural statistics can be collected through a census of agriculture. Hence, there was caution against overloading the agricultural census forms with extensive scope. Thus, with regard to the scope, the census had to be restricted to a coherent and manageable range of data items.

In this census the data collected include: demographic and economic characteristics of population in agricultural households and holders during the reference period; area, production and yield of both temporary and permanent crops harvested in the farming of Meher as well as Belg Seasons; farm management practices envisaged during both seasons; land use under major categories; and livestock, poultry and beehives. It also includes data on farm tools, implements, draught animals and storage facilities. The data collection on the production of vegetables and root crops, which was not covered by the annual agricultural sample survey, was also included in this census.

The cost of data collection is one of the most important factors in the planning and execution of a census. In a country like Ethiopia, where in addition to the problems mentioned above, transportation and communications are poor and the resources available are limited to meet the cost of a census tend to be major problems. The problem is more pronounced when deciding on the extent of census coverage.

A decision whether to carry out a complete enumeration or to plan a sample enumeration of holdings depends on the availability of resources and the level at which the census results are required. This holds true whether the results will be provided at wereda level or higher administrative hierarchies. With these constraints and extremely large number of holdings in the country's agricultural system and considering the huge cost required and timely production of the data, with the aim of providing the results at wereda level where almost all the agriculture is undertaken by small holders, a census of agriculture on the basis of sample enumeration was adopted by the CSA. In a census that aims in securing data on more agricultural items with reasonable accuracy at wereda level, a well-defined sample enumeration is more manageable, efficient and is expected to produce equal or better quality data than a complete enumeration and is able to provide results in a more timely fashion.

Ethiopia is a country with an estimated population of 69.127 millions in July 2003. For administrative purposes, the country is divided into nine Regional States, one City Administration and one Administrative Council. Agriculture is the dominant sector in the country and biggest employer of the economically active population. The sector in the country is further characterized by extremely small holdings, mostly private peasant holdings, dispersion of cropland holdings, traditional farming and low level of literacy among the holders.

The 2001/02 Agricultural Sample Enumeration, at country level, has covered adequately representative and sufficiently large number of units (holdings) engaged in agriculture both in rural and urban areas to produce relatively reliable data at wereda level. For the purpose of this census, three farming categories have been identified: rural private holdings, urban private holdings and commercial farms. All the categories have been treated in the census on sample bases except the last one that was enumerated completely. These farming categories were enumerated at different times of the census year in order to capture the data as the events happened. The census data collection operation took about six months for Meher seasons and 2 months for Belg season to cover the rural private holdings, about 10 days to cover the urban private holdings and about one month to cover the commercial farms.

In order to improve the coverage, there has been extensive census publicity in the census operation exercise. This helped to sensitize and gain the cooperation of the respondents during data collection. In these efforts, adhoc census committees have been established and replicated to the lowest level of administration that is Farmers Associations and this helped the smooth conduct of the census and raising public awareness to achieve the intended coverage.

## 2 .CENSUS METHODOLOGY

### 2.1 Scope and Coverage

The 2001/02 (1994 E.C.) Ethiopian Agricultural Sample Enumeration (EASE) was designed to cover the rural and urban parts of all weredas in the country on a large-scale sample basis. This coverage encompasses 470 (460 rural and 10 urban) weredas in 60 administrative zones of the country excluding the pastoralist areas of the Afar and Somali Regional States. In these weredas the originally selected primary sampling units amounted to 11,292 rural and 4,378

urban Enumeration Areas (EAs). These EAs were selected at wereda level to be covered in the EASE, in order to provide data on agriculture at these administrative levels in the country.

In all regional states of the country, the sampled EAs which were completed and found to be acceptable for tabulation, amounted to 11,189 in rural areas and 4,354 EAs in urban areas. The remaining 103 rural and 24 uban EAs were not covered due to various reasons. With respect to ultimate sampling units (agricultural households), it was planned to cover 338,850 agricultural households in rural areas and 124,207 in urban areas but about 334,972 rural and 123,585 urban agricultural households were actually covered. Based on the results of the census, in the rural parts of the country, the coverage rate of sample EAs was 99.1 percent and the response rate of sampled agricultural households was 98.9 percent. The coverage and response rate in the urban domain was 99.5 percent. The coverage of sampled EAs and agricultural households by region are given in Appendix II.

TABLE II:1 AREA COVERAGE OF THE 2001/02 (1994 E.C.) **ETHIOPIAN** AGRICULTURAL SAMPLE ENUMERATION

| Region | Total | | Covered | | Covered EAs | |
|---|---|---|---|---|---|---|
| | Wereda | Town | Wereda | Town | Rural | Urban |
| Tigray | 34 | 70 | 34 | 70 | 849 | 418 |
| Afar* | 6 | 12 | 6 | 12 | 90 | 75 |
| Amhara | 109 | 208 | 109 | 208 | 2504 | 1113 |
| Oromia | 189 | 366 | 188 | 366 | 4671 | 1793 |
| Somali* | 8 | 14 | 8 | 14 | 165 | 115 |
| Benshangul-Gumuz | 20 | 13 | 20 | 13 | 426 | 45 |
| SNNP | 95 | 146 | 94 | 146 | 2278 | 645 |
| Gambella | 9 | 8 | 8 | 8 | 121 | 21 |
| Harari | 1 | 1 | 1 | 1 | 25 | 25 |
| Addis Ababa | 1** | 1 | 1** | 1 | 35 | 79 |
| Dire Dawa | 1 | 2 | 1 | 2 | 25 | 25 |
| Total | 473 | 841 | 470 | 841 | 11189 | 4354 |

* Number of weredas, towns and EAs shown are only from the sedentary areas of the region.
** Number of reporting domain.

## 2.2 Sampling Frame

The list of enumeration areas for each wereda was compiled from the 1994 Ethiopian Population and Housing Census cartographic work and was used as the frame for the selection of the Primary Sampling Units (PSU). The 1994 Population and Housing Census enumeration maps of the region for the sample EAs were updated, and the EA boundaries and descriptions were further clarified to reflect the current physical situation. The sampling frame used for the selection of ultimate sampling units (agricultural households) was a fresh list of households, which was prepared by the enumerator assigned in the sample EAs using a prescribed listing instruction at the beginning of the launching of the census enumeration.

## 2.3 Sample Design

In order to meet the objectives and requirements of the EASE, a stratified two-stage cluster sample design was used for the selection of ultimate sampling units. Thus, each wereda was treated as stratum for which major findings of the sample census are reported. The primary sampling units are enumeration areas and agricultural households are the secondary (ultimate) sampling units. Finally, after the selection of sample households, the various census forms were administered to all agricultural holders within the sampled agricultural households.

For the private peasant holdings in the rural areas a fixed number (25) of sample EAs in each wereda and 30 agricultural households in each EA were randomly selected (determined). In urban areas, weredas with urban EAs less than or equal to 25, total EAs were covered. For other weredas (with urban EAs > 25), a sample size of 25 EAs was selected. In each sampled urban EA, 30 agricultural households were selected for the census. The sample size determination in each wereda and thereby in each EA was based upon the required precision level of the major estimates and the cost consideration. The pilot survey and the previous year annual agricultural sample survey results were used to determine the required sample sizes per wereda.

## 2.4 Sample Selection of Primary Sampling Units

Within each wereda (stratum), the selection of EAs was carried out using probability proportional to size systematic sampling. In this case, size being total number of agricultural households obtained from the listing exercise in each EA undertaken in the 1994 Ethiopian Population and Housing Census of the region.

### 2.5 Listing of Households and Selection of Agricultural Households

In each sampled enumeration area, a complete and fresh listing of households was carried out by canvassing the households in the EA. After a complete listing of the households and screening of the agricultural households during the listing operation in the selected EA, the agricultural households were serially numbered. From this list, a total of 30 agricultural households were selected systematically using a random start from the pre-assigned column table of random numbers. The sampling interval for each EA was determined by dividing the total number of agricultural households by 30. For crop cutting exercise purposes (rural domain) a total of 20 agricultural households were randomly selected from the 30 sampled agricultural households. The systematic random sampling technique was employed in this case, because its application is simple and flexible, and it can easily yield a proportionate sample.

In urban parts of the country, a total of 4,354 EAs in the 841 towns were covered. Then, the listing of households in each sampled EA was carried-out. In the listing exercise households that are considered agricultural households were identified. Then, the agricultural households listed in the sample EA amounted up to 30, all such households were covered in the enumeration. However, if such households exceeded 30, then 30 of them were systematically selected among the listed and were covered in the enumeration.

Estimation procedure of parameters of interest like total, yield and ratio and their sampling error is presented in Appendix I. Standard errors and coefficients of variation of estimates for selected variables are given as an annex at the end of the relevant chapter.

# 3. CENSUS OPERATIONS

## 3.1 Organization of Field Work

The magnitude of the census operation was a challenge to the Central Statistical Authority (CSA) to organize and mobilize human, material and financial resources. But the CSA's capacity was enhanced to cope with these limitations, especially the logistics involved in the operation by the issuance of the Agricultural Census Act and establishment of adhoc structures.

Since the census operation was too large to direct and control effectively from the Head Quarters, field organization was used as a link between the sources of data and the central office. Field organization comprised the branch statistical offices constituting the 22 originally existing and additionally established 25 temporary Branch Census Offices. These 47 offices were augmented with supervisors, enumerators, other support staff, logistics and the temporary structures.The temporary structures included the establishment of census committees at the regional, zonal, wereda and establishment of this committee went down to the lowest administrative hierarchies, i.e. to the peasant association levels in order to enlist support and cooperation from the local people. In addition to the committees, commendable cooperation and assistance were also extended by other governmental and non-governmental organizations in the country at different stages of the census.

The field organization was required for the data collection operations and for the strict control and supervision of the fieldwork. The enumerators were the responsible field staff for data collection. They were full time enumerators hired on a contract basis. Most of them were recruited from localities in which they were assigned to undertake the data collection activities. At country level, for census undertaking in the rural parts the regions, a total of 12,398 enumerators were recruited, trained and hired for the census data collection and 1,199 of whom were held as reserve. Moreover, for undertaking the census in the urban parts of the country, a total of 4,378 enumerators were selected from those who were hired for the rural parts of the country. The enumerators had an educational background of grade 12 and above. During the data collection operation, the enumerators lived in their places of assignment i.e. the sample EA. During the census, each enumerator was accompanied by a guide and an assistant who is familiar with the people and well informed about the agricultural practices in the area.

The CSA permanent supervisors in the region were responsible for recruitment, selection, and training of enumerators, and census supervisors. Moreover, they were responsible for supervision of data collection, remuneration, retrieving and dispatching the completed forms to their respective Branch Statistical Offices. They were also responsible for handling

administrative and other technical problems. At country level, a total of 2,240 supervisors were involved in the census. The supervisor-enumerator ratio was 1:5 and supervision was carried out on regular basis. The supervision was coordinated and monitored by professional staff of the CSA. The logistics equipment of the census included programmable calculators, field compasses, measuring tapes and kitchen balances each numbering about 14,000. Moreover, it included 273 four wheel drive vehicles and numerous other instruments. Each enumerator was provided with all the necessary logistics equipment for the data collection. The equipment used include, 11,445 programmable calculators, 11,445 field compasses, 11,445 measuring tapes, 11,445 kitchen balances, ... etc.

## 3.2 Training

The success of a census operation and data quality depend on the type of training given to the enumerators and supervisors. The training helps the enumerators and supervisors secure a common understanding of the tasks to be performed and the standard procedures to be followed in census undertaking. Good data quality is assured when the training meets its objectives and the enumerators and supervisors show a sense of responsibility and enthusiasm in the exercise of the census operation.

In view of the above point, the CSA organized a two stage training programme, that is, training of trainers followed by training of the field staff. The first stage training was given at the CSA Head Quarters in Addis Ababa, to the trainers consisting of professional staff from the CSA Head Quarters and the CSA Branch Statistical Offices and other relevant federal, regional and zonal government organizations and senior CSA supervisors. The training that lasted for 30 days, included classroom sessions, field practices and demonstrations. A total of 550 trainers took part in the training.

The first stage training was then followed by the second stage training, and it took place in 47 training centers located in different zones all over the country. In all the training centers, extensive training was given to the field staff. The instructions in the training focused more on the procedures and techniques of data collection and the responsibility shouldered both by the enumerators and the supervisors. The instructions, details of techniques and

procedures of enumeration were covered in the manual. The manual served as an instruction text and a reference guide. The rigorous theoretical training was emphasized by a series of field practice and demonstrations. After about 50 days of training and field practice, a regorous examination prepared at the census headquarters in Addis Ababa, was given to the enumerators and supervisors at each training center. Based on the examination results only those enumerators who passed the exam were hired and assigned to their enumeration areas.

## 3.3 Method of Enumeration

In Ethiopia, where a significant number of the agricultural population live in remote and inaccessible areas, data collection is time consuming and cumbersome. The problem is further aggravated by the large number of peasant holding operators, their geographical spread, high level of illiteracy among the operators and scattered land holdings. In such a situation where the agricultural statistics system has not been fully developed, besides the above problems, the appropriate enumeration method is house to house interviewing of holders and objective measurement of their holdings and crop yields.

Accordingly, most of the information on crop area and yield was elicited from the holders through interview and the remaining information was obtained by physically measuring the data items of interest. This was done by enumerators who identified the selected holders, interviewed them, measured all their crop fields using measuring tapes, field compasses, and scientific calculators. Moreover, they harvested and weighed the yields obtained using kitchen balances from plots of randomly selected crop fields.

As in many countries, a phased approach to the census was also used in Ethiopia in order to make the workload of manageable size and capture the data as the events unfolded. The first phase of the census was the collection of data on demographic and economic characteristics of the rural peasant households, the second one was the data collection onfarm management practices of these rural peasant households using an interview method for both seasons. Data on crop area and yield of temporary and permanent crops was collected in the third phase of the census by visiting the farm operators and physically measuring the crop fields since the farmers are not familiar with standard units.

All crop fields of the randomly selected holders in each enumeration area were measured using the FAO recommended method. That is, first by identifying the boundaries of the fields, determining their shape which was mostly irregular and taking compass bearings of each side with respect to the north. This is followed by measuring the length of each side of the field and using a programmable calculator to arrive at both the area of the field and the closure error. The objective of arriving at the closure error is to find out how well the field was measured.

The responses to the interview and results of the measurement were recorded on a structured questionnaire. The interview method helped on the spot clarification of objectives, concepts and form of information sought from the respondents during the interview.

Since crop production is a function of area and yield, yield measurement was done using the crop-cutting method. The method involved crop-cutting from small subplots of rectangular shape of different sizes randomly placed in the selected crop field for each crop type and subsequent threshing, drying and weighing and recording the weight of the harvest. The crop cutting was performed for a sub-sample of 20 out of the 30 households selected in each enumeration area. A 4x4 meter plot was randomly demarcated for cereals, pulses, and oil seeds and one square meter or 1 meter x 2 rows plot was designated for vegetables and root crops for the crop-cutting exercise.

The yields harvested from the plots were immediately weighed (green weight) and /or weighed again after two weeks of drying to conform to the normal holder harvesting and drying practices. The green and dry weights were recorded on the appropriate form.

Data collection activity on livestock, poultry and beehives in the rural areas; all agricultural data in urban areas; commercial farms, and farm implements including miscellaneous items were the fourth, the fifth, the sixth and the seventh phases of the census, respectively, where subjective approach was applied for all these phases. However, the Belg season area,

production and farm management practices data, which was the eighth phase of the census, involved both objective and subjective methods, i.e., fields under temporary crops were objectively measured while the production and farm management practices data were collected by interviewing the sample agricultural holders.

## 3.4 Census Forms And Field Equipment

### 3.4.1 Census Forms

Forms and equipment are instrumental in gathering information from various sources. The census forms are the vehicle and basic document for collecting the desired data. These include general-purpose forms covering farm management practices, demographic and economic characteristics, area, production of both temporary and permanent crops; livestock, poultry and beehives, ...etc. These forms are formulated for recording data generated through interview as well as objective measurements.

Although the planning, organization and execution of the census were the responsibilities that rested within the CSA, development of the census forms was a tedious task that involved the formation of a working group composed of members of government and non-government organizations who are major users of agricultural data. Members of the working group were given the opportunity to identify their data requirements, define the needs of others and determine the specific questions that the forms should contain. The working group included the staff of the organizations that are involved in agricultural planning, collection of agricultural statistics and the use of data within the agricultural sector.

The working group designed different forms for the various data items on crop area, production, and other variables of interest to meet the needs of current data users and also considered the future expectations. Attempt was made to make the content of the forms of acceptable length by distributing the variables to be collected in the different census forms. As can be observed in the census questionnaires presented in Appendix III, the rural census questionnaires/forms include:-

- The listing forms 94/0 and 94/1 that are used to record all households in the enumeration area, identify the agricultural households and select the units to be covered by the census.

- Form 94/2 is developed to list all the members of the sampled agricultural households and record the demographic and economic characteristics of each of the members.

- Forms 94/3A, 94/3B, 94/3C and 94/3D *[1] are prepared to enumerate crop data through interview and objective measurement.

- Form 94/5 is designed to record crop area data via the physical or objective measurement of crop fields.

- Form 94/6 is used to list all the fields under crop and select a crop field for each type of crop randomly for crop cutting exercise.

- Forms 94/7A, 94/7B, and 94/7C are developed for recording yield data on cereals, oil seeds, pulses, vegetables root crops and permanent crops by weighing their yields obtained from sub-plots and/or trees selected for crop-cuttings.

- Form 94/8 is prepared to enumerate livestock, poultry and beehives data by type, age, sex and purpose including products through interview (subjective approach).

- Forms 94/9, 94/10 and 94/11 are used to collect data on crop and livestock product usage; miscellaneous items and farm tools, implements, draught animals and storage facilities, in that order, by interviewing the sample holders.

- The last but not least forms are the Belg season questionnaires identified as :- 94/12A and 94/12B that are used to record data on farm management practices of the season

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* *Form 94/4 was the questionnaire used for collecting data on crop production forecast for 2001/02 and the data collected using this form was published in December 2001*

subjectively, while 94/12C is for recording Belg season crop area through objective measurement and volume of production through interview approach.

On the other hand, the census questionnaires/forms used in the urban areas include:-

- Form U-94/1 which used to record all households in the EA, identify the agricultural households and select the units to be covered by the census.
- Form U-94/2 is developed to list all the members of the sampled agricultural household and record the demographic and economic characteristics of each of the members.
- From U-94/3 is prepared to enumerate crop data through interview method.
- Form U-94/4 is prepared to enumerate livestock, poultry and beehives data by type, sex, age and purpose including products through interview (subjective approach).
- Form U-94/5 is used to collect data on crop and livestock usage.

The clarity of the forms was reinforced by the enumerators' as well as the supervisors' instruction manuals that dealt with an extensive elaboration on data collection with regard to the variables in the various forms.

### 3.4.2 Field Equipment

A census of agriculture involves the coverage of a large number of variables. Moreover, most of the data (variables) needed are of quantitative nature. But, as in most developing countries where illiteracy is high, in Ethiopia and thereby in the region, holders neither keep the records of the size of their holdings' and amount of their crop production, nor do they know standard units to measure the size of land they operate and volume of crop they produce. Under such circumstances, collecting data only through an interview has many limitations and it is not easy for an enumerator to obtain relatively accurate information on the volume of production and area under crops.

In order to overcome these shortcomings in the census, quantitative data on area under crop and yield of crops have been collected through objective measurements from designated plots of crop field. Fields under crops were measured by compass traversing. That is, by measuring the lengths of the sides of each crop field and taking compass bearings. Measuring tapes each 20-50 meters, compasses with a half degree precision, metal pegs and programmable calculators for computing the area were used. Besides the above equipment, balance scales and bags made of cloth were used for yield measurements and drying. Area and yield measurements were the most cumbersome and time consuming aspects of the census as the enumerators had to visit all the fragmented and scattered crop fields of the holders.

## 3.5 Quality Control in Data Collection

The quality of official agricultural statistics should be relatively high in order to provide maximum benefit to users. The CSA, as a producer of statistics, has been concerned about the quality of the data right from the conception of the agricultural census. It has made every endeavor to maintain the data quality by lending more attention to those aspects of the census that affect the quality of the data.

Nearly all census activities starting from the designing of the questionnaires to data processing have significant impact on the quality of data. Efforts have been put into each activity of the census to assure data quality. Forms were designed sufficiently in advance of the commencement of the census enumeration in the field in order to have ample time for pre-testing, under-taking the pilot census and providing training to the enumerators. The forms were pre-tested in different parts of the country for about three times in addition to their application in the pilot census. Concepts and definitions used in the forms were expounded in the instruction manual. Attempts were made to formulate the questions with clarity and logical order. Questions about different subjects were written on different forms to avoid the mix of issues and restrict the length of the forms.

An enumerators' instruction manual was prepared and used as a training and reference guide to help the enumerators in understanding clearly all the details and procedures followed in the census and answer questions raised during the interviews. It contained questions on the forms with explanations, concepts, definitions, techniques of interviewing, duties and obligations of enumerators. A separate instruction manual was also prepared for supervisors in a similar fashion to all intents and purposes of supervision.

Training and supervision are also factors that affect data quality. The standard of training given to enumerators and supervisors is well reflected in the census results. With this in mind, the CSA offered a rigorous and thorough training to the enumerators and supervisors. Ample time has been allotted to it to help the trainees grasp the theoretical and practical aspects of data collection. The training sessions were repeatedly supplemented by field practice and demonstrations to reinforce the trainees understanding of the course. A written examination was given to all the trainees to screen and assign the best ones for the census. The supervisors have had a separate training in supervision in which the responsibilities of supervisors, field supervision, checking and editing completed forms and preparations of progress reports were reiterated. The supervisors reviewed the enumerators' work, re-interviewed samples of holders and re-measured samples of fields as part of supervision to verify the enumerators' work.

Data quality is also contingent on the cooperation and willingness of the holders to provide the desired information. In order to seek the cooperation of the holders (respondents) promotional efforts have been made using the electronic and print media. Thus, regarding the census publicity, poems, dramas and other programs were presented on the country's TV, Radio and the Press. The CSA prepared, customized and distributed census materials such as brochures, fact sheets, posters, caps with census emblem, calendars and other items to relevant institutions and government officials. Moreover, with respect to the progress of the census operations, CSA gave a number of press releases to foster public support and cooperation. Branch offices and supervisors worked with local officials and adhoc committees to obtain written and verbal support of the census operations in their speeches and public appearances.

### 3.5.1 Concepts and Definitions

Information on all items of agriculture is not useful until the items are distinctly defined and understood. The procedure of stating data items and related terms is a prerequisite for making standards and definitions for collection and compilation of agricultural data. The intent of using standard concepts and definitions is not only to provide quality data but also to ensure that the right items are enumerated and measured accurately to reflect the agricultural situation.

Standard concepts and definitions used in a census setup provide clear linkages between various tables of the census and previous surveys and maintain consistent enumeration and measurement of variables of interest. To this end, the CSA has put a lot of efforts into communicating concepts and definitions to the census field staff through training and instruction manuals. The concepts and definitions used in the census were made to conform to the FAO standard with a slight adaptation of a few of them to suit the agricultural situation in Ethiopia. The concepts and definitions used in the census included the following: -

**Enumeration Area (EA):** an enumeration area in the rural parts of the country is a locality that is in most of the cases less than and only in some cases equal to a farmers' association in geographical area and usually consists of 150-200 households.

**Household:** a household may be either:

a) a one person household, that is a person who makes provisions for his own living without combining with any other person to form part of a multi-person household or

b) a multi-person household, that is, a group of two or more persons who live together and make common provisions for food and other essentials of living. The persons in the group may pool their incomes and have a common budget to a greater or lesser extent. They may be related or unrelated persons, or a combination of both. These persons are taken as members of the household.

**Agriculture:** the growing of crops and/or raising of animals for own consumption and/or sale.

**Agricultural Household:** a household is considered an agricultural household when at least one member of the household is engaged in growing crops and/or raising livestock in private or in combination with others.

**Holding:** a holding is all the land and/or livestock kept, which is used wholly or partly for agricultural production and is operated as one legal entity by one person alone, or with others without regard to management, organization, size or location.

**Holder:** a holder is a person who exercises management control over the operation of the agricultural holding and makes the major decision regarding the utilization of the available resources. He/she has primary technical and economic responsibility for the holding. He/she may operate the holding directly as an owner or a manager. Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without the help of others, operates land and/or raises livestock in his/her own right, i.e. the person who decides on which, where, when, and how to grow crops or raise livestock or both and has the right to determine the utilization of the products.

**Parcel:** a parcel of holding is any piece of land entirely surrounded by land and/or water and/or road and/or forest, . . .etc which is not part of the holding. It may consist of one or more cadastral units, plots or fields adjacent to each other.

**Field:** a field is defined as any plot of land which is a parcel or part of a parcel under the same or mixed crops or any other form of private holding.

**Crop:** includes cereals, pulses, oilseeds, vegetables, root crops, fruits, coffee, enset, chat, hops, sugar cane, cotton, tobacco, . . . etc produced for food, making drinks, stimulation and making fabrics or clothings.

**Crop production:** the processes of growing and harvesting of the above crops for own consumption and/or sale.

**Temporary Crops/Annual:** Annual temporary crops are crops which are grown in less than a year's time, sometimes only a few months with an objective to sow or replant again for additional production following the current harvest. Continuously grown crops planted in rotation are also considered as temporary crops since each is harvested and destroyed by ploughing in preparation for each successive crop.

**Permanent Crops:** Crops which are grown and occupy land for a long period of time, not requiring replanting for several years after each harvest, are considered as permanent crops. All fruit trees (i.e., oranges, mandarin, banana, ...etc.) and trees for beverages (i.e., coffee, tea, Gesho, ... etc.) are considered permanent crops but meadows and pastures are excluded.

**Meher (main) Season Crop:** any crop harvested between Meskerem (September) and Yekatit (February) is considered as Meher season crop.

**Belg Season Crop:** Any crop harvested during the months of March (Megabit) and August (Nehase) is considered to be Belg season crop.

**Fallow Land:** land which has been or intended to be kept at rest for at least one agricultural year and a maximum idleness of less them five years is considered fallow land.

**Grazing Land:** Land used for growing herbaceous forage crops, either through cultivation or naturally is considered to be grazing land.

**Wood Land:** All tracts of timber, natural or planted as part of the holding, which has a value as wood, timber, other wood products and/or used for protection. Forest land used for recreational purposes would not be included as Wood land.

**Other Land Uses:** Land occupied by the holders' houses and/or buildings, parking areas, gardens, barn, wells and ponds would be included as other land uses.

**Irrigated Area:** refers to the area of land purposely and actually provided with water, other than by rain, for improving the production of crops. The uncontrolled flooding of land by the over flow of rivers or streams is not categorized as irrigation practice although sometimes farmers use this incidence for production.

**Improved Seed:** is defined as crop variety which gives significantly higher yield, better quality and/or better benefit compared to traditional varieties of seeds, and usually produced by the Ethiopian Seed Enterprise (ESE) in Ethiopia.

**Fertilizer:** refers to anything added to the soil intended to increase the amount of plant nutrients available for crop growth. Usually, fertilizers are divided into two parts, natural and commercial. Examples of natural fertilizers are farmyard manure, wood ashes,...etc., while commercial fertilizers are DAP (Di- Ammonium Phosphate), UREA (Ammonium Nitrate), ...etc.

**Pesticides:** pesticides are chemicals useful for mitigation, control or elimination of pests which are troublesome or harmful to crops. Insecticides, herbicides and fungicides are all considered as pesticides.

**Draught Animal:** Refers to animals that are engaged in activities such as ploughing, threshing, ...etc

**Dairy Cow:** Refers to any type of cow used to give milk previously and/or provide milk currently or have never given milk before and pregnant now. Heifers are not included in this category.

**Milking Cow:** Refers to cows actually milked during the reference period, i.e. February 10, 2001 to February 9, 2002.

**Laying Hens:** Refers to all hens and pullets of all types which have laid eggs during the reference period, i.e., Feb 10, 2001 to Feb 9,2002.

**Extension Package Programs**: Are outreach programs operating in rural areas for private holdings aiming to transfer modern agricultural technologies to increase crop and livestock productivity.

# 4. DATA PROCESSING

## 4.1 Editing, Coding and Verification

In the 2001/2002 Ethiopian Agricultural Sample Enumeration (EASE), the filled-in forms that were retrieved from 47 Branch Statistical Offices were primarily received and systematically registered at the documentation unit of the CSA head quarters in Addis Ababa. Before launching the actual editing and coding activities, the Natural Resources and Agricultural Statistics Department staff gave adequate training to the 157 editors and coders. These editors and coders carried out the manual editing, coding and verification of the filled-in EASE questionnaires in two shifts.

At the outset, the editing and coding activities for the filled-in forms on area and agricultural practices took place, this was followed up by the editing and coding of the forms on the production of temporary crops (cereals, pulses, oil seeds, vegetables and root crops), livestock, farm implements, permanent crops, Belg and miscellaneous questionnaires region by region. For the filled-in forms on area and agricultural practices, verification was carried out on 100% basis for the first five weeks from the launching of the activity and then considering the quality performance of editor-coders the activity was dropped to 66% of the forms gradually. On the other hand, the verification activity has been carried out on 100% basis for the filled-in forms on production of the temporary and permanent crops, livestock, farm implements and all other completed forms.

For the total country, the editing, coding and verification of the filled-in forms in general took about 330.6 working days. That is, the editing, coding and verification of the filled-in forms for area, agricultural practice, the production of the temporary and permanent crops,

and livestock took about 198.5 working days, while that of the filled-in forms on farm implements, demographic characteristics, Belg season and the urban forms took around 132.1 working days.

### 4.2 Data Entry, Cleaning and Tabulation

About 144 data encoders were assigned to undertake the data entry activity of 2001/02 EASE and it has been carried out on two-shift basis. Before the starting of the data entry operation data encoders were trained for about 5 days using computer programs developed by the Data Processing Department staff. The Programmers prepared the data entry programs using CENTRY, which is a data entry module of IMPS (Integrated Microcomputer Processing System).

The data entry exercise has been carried out using 76 personal computers (PC's). Like that of the manual editing and coding activity, the filled-in forms on area and agricultural practices were entered first and this was followed by entry of the filled-in forms on the production of temporary crops, livestock, farm implements, permanent crops, Belg and miscellaneous questionnaires region by region till all the census data entry operations are completed.

In order to ensure the quality of the data entry work, verification exercise was carried out. The entry of the filled-in forms on area and agricultural practices were verified on 100 % basis. Then the verification exercise was dropped to 66 % from the $6^{th}$ week of the launching of the operation and was further reduced to 50% from the $10^{th}$ week onwards by observing and assessing the magnitude of the percentage of errors. Later on verification process was carried out on 100% basis for the filled-in forms on the production of temporary and permanent crops, livestock, farm implements and all other completed forms. The verification activity was carried out through the process of re-entering the data.

For the total country, the whole data entry process of the filled-in forms on area, agricultural practice, the production of the temporary and permanent crops, and livestock took around 253.1 working days, while that of the filled-in forms on farm implements, demographic characteristics, Belg season and the urban forms took about 257.9 working days.

Data entered into the computer needs to be checked for completeness, consistency and validity. For this purpose computer edit programs were prepared by programmers using CONCOR, which is the editing module of IMPS. Using print-outs from these programs and referring to the filled-in census forms, corrections were made by nine trained manual data cleaning technicians. Moreover, nine other data-cleaning computer operators were involved in making the actual corrections of the data on the computer.

Additionally, an intermediate set of instructions or programs were made available and applied on the data to prepare information suitable for tabulation. These programs were prepared using CSPro and IMPS softwares. Like IMPS Software, CSPro is used as a tool for entering, editing and tabulating data. CSA used the CSPro software for data editing and calculation of CVs.

Data made ready for tabulation through the process of cleaning and intermediate programs was finally used to generate the required tables. This was done using tabulation programs developed by the senior programmers of the Data Processing Department. The CENTS software, a tabulation component of IMPS, was used in producing the 2001/02 EASE results.

## 5. MEASURES OF PRECISION

These are measures that indicate the variable error that may be expected in the estimates derived from the sample. The common measures are variances, standard errors and coefficients of variation (CV). Out of these measures, the results of standard errors and coefficients of variation of estimates for selected variables are presented as an annex at the end of each chapter.

For comparing the variability of different crop estimates or of the same crop estimates in different reporting domains, the coefficient of variation (the standard deviation expressed as a percentage of the estimate), should be used since it is a unit-less measure.

In general, estimates with CV less than 30% are considered as reliable estimates (assuming no bias). Estimates between the ranges of 30% to 50% CV's are considered less reliable and users are advised to use them cautiously. This is due to the fact that the higher the CV the more unreliable the estimate will be. Estimates with CV greater than 50% are not shown or were suppressed, and instead they are marked with asterisk (*), because these estimates (with CV > 50%) are not reliable to be used for any demand.

# CHAPTER III
# SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS

## 1. INTRODUCTION

Population as a producer and consumer is closely related with agriculture. On the one hand, population affects production in general and agricultural outputs in particular by furnishing the required labour. On the other hand, the size of a population and its anticipated growth is the main factor determining food consumption requirements. Regarding the balance between population and consumption, if more people are to be fed than the food or services produced, saving and capital investments will be negatively affected. Moreover, population growth also negatively influences agriculture by putting pressure on the environment, such as water, fertility of land, ... etc. Population size further influence productivity mainly through the diversification and specialization of the economy, the size of the market, and the importance of foreign trade.

Not only the size, but also the socio-economic characteristics of the population of the agricultural households are important to the agricultural production. Study of the nature of the agricultural sector of a country will not be complete without proper understanding of the socio-economic characteristics of the population engaged in it. The population statistics of the agricultural households can be used to describe the characteristics and distribution of the population in space, its density and degree of concentration, the fluctuation in its rate of growth and the movement from one area to another. Data on population and agriculture will also help in finding out what percentage of resources will be needed at a particular time for the meeting of basic needs of the people and what amount of socially useful and productive labour is available in the country, regardless of whether labour or capital intensive techniques will suit the nation's economy.

Generally, an analysis of statistical data on population residing in agricultural households is important to assess the size, structure and characteristics of the human resources involved in and supported by the sector. Such kind of information will provide the human background for planners and policy makers in their attempt to formulate policies that helps to improve the sector's output as well as the living conditions of the rural population.

Cognizant of this fact, the 2001/2002 Ethiopian Agricultural Sample Enumeration has collected basic social and economic characteristics of the population in agricultural households in October 2001. This chapter assesses the resulting data related to the size, the

structure and distribution of the population in agricultural households with some selected variables. These variables include size and age-sex structure, household size, relationship to the head of the household, marital status, literacy, educational level, working status, reason for not working, type of occupation, and employment status. Moreover, this chapter presents statistical tables that show the results at regional and zonal levels. In the Annex to this chapter are also given tables showing Estimates, Standard Errors (S.E.) and Coefficient of Variation (C.V.) for some relevant variables.

## 2 SIZE AND AGE-SEX STRUCTURE OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS

In this section, the size and age-sex composition of the population in agricultural households at country level will be assessed. The population in agricultural households comprises of all persons residing in households with at least one agricultural holder, where a holder is defined as a person who exercises management and control over the operation of the agricultural holding such as land and livestock and makes the major decision regarding the utilization of the available resources (detailed explanation of holder and holdings are provided in Chapter II of this report in the section that deals with concepts and definitions). Whenever is appropriate the assessment will be done separately for non-holders, holders and type of holding. It should be noted that the sample enumeration did cover parts of Affar and Somali regions. Only localities with sendentary population in two zones of Affar Region and three zones of Somali Region were included.

### 2.1 Size of the Population in Agricultural Households

Summary Table III.1 presents the estimated population size of the agricultural households of Ethiopia classified by sex, place of residence and holding status. According to the result of this sample enumeration, the population in agricultural households of the country is estimated to be 54,548,079. Of the total population in agricultural households, 52,660,922 were residing in rural areas and the remaining 1,887,157 that is, only about 3.5 percent of the population in agricultural households were residing in urban areas.

The enumeration result shows that there were 11,507,442 agricultural holders in the country, making up 21.1 percent of the total population residing in agricultural households. Further breakdown of the agricultural holders by type of holding is presented in Summary Table III.2. Accordingly, holders practicing crop and livestock agriculture constituted the largest proportion (74.1 %) of total holders. Holders practicing crop only farms make up 17.7 % while those practicing livestock only were about 8.2 % of total holders.

**Summary Table III.1 Size of the Population in Agricultural Households by Sex Place of Residence**

| Place of Residence/ Sex | Total Population in Agricultural Households | | Holders | | Members Other Than Holders | |
|---|---|---|---|---|---|---|
| | No. | % | No. | % | No. | % |
| Rural + Urban | | | | | | |
| Both Sexes | 54,548,079 | 100 | 11,507,442 | 21.1 | 43,040,637 | 78.9 |
| Male | 27,533,718 | 100 | 9,357,767 | 34.0 | 18,175,951 | 66.0 |
| Female | 27,014,361 | 100 | 2,149,675 | 8.0 | 24,864,686 | 92.0 |
| Rural | | | | | | |
| Both Sexes | 52,660,922 | 100 | 11,138,991 | 21.2 | 41,521,931 | 78.8 |
| Male | 26,614,389 | 100 | 9,084,114 | 34.1 | 17,530,275 | 65.9 |
| Female | 26,046,533 | 100 | 2,054,877 | 7.9 | 23,991,656 | 92.1 |
| Urban | | | | | | |
| Both Sexes | 1,887,157 | 100 | 368,451 | 19.5 | 1,518,706 | 80.5 |
| Male | 919,329 | 100 | 273,653 | 29.8 | 645,676 | 70.2 |
| Female | 967,828 | 100 | 94,798 | 9.8 | 873,030 | 90.2 |

**Summary Table III.2 Size of Agricultural Holders by Sex, Type of Holding and Place of Residence**

| Place of Residence/ Sex | Total Holders | | Crop Only | | Livestock Only | | Crop and Livestock | |
|---|---|---|---|---|---|---|---|---|
| | No. | % | No. | % | No. | % | No. | % |
| Rural + Urban | | | | | | | | |
| Both Sexes | 11,507,442 | 100 | 2,032,026 | 17.7 | 948,571 | 8.2 | 8,526,786 | 74.1 |
| Male | 9,357,767 | 100 | 1,521,310 | 16.3 | 554,386 | 5.9 | 7,282,012 | 77.8 |
| Female | 2,149,675 | 100 | 510,716 | 23.8 | 394,185 | 18.3 | 1,244,774 | 57.9 |
| Rural | | | | | | | | |
| Both Sexes | 11,138,991 | 100 | 1,982,985 | 17.8 | 785,189 | 7.0 | 8,370,757 | 75.1 |
| Male | 9,084,114 | 100 | 1,484,854 | 16.3 | 444,716 | 4.9 | 7,154,485 | 78.8 |
| Female | 2,054,877 | 100 | 498,089 | 24.2 | 340,473 | 16.6 | 1,216,272 | 59.2 |
| Urban | | | | | | | | |
| Both Sexes | 368,451 | 100 | 49,041 | 13.3 | 163,382 | 44.3 | 156,028 | 42.3 |
| Male | 273,653 | 100 | 36,457 | 13.3 | 109,670 | 40.1 | 127,527 | 46.6 |
| Female | 94,798 | 100 | 12,584 | 13.3 | 53,712 | 56.7 | 28,502 | 30.1 |

The enumeration result further shows that the proportion of holders among the males to be significantly higher than their female counterparts. In the rural and the urban areas, the proportion of the holders among the males was about four times and three times higher than that of the females, respectively.

Regarding distribution of the population in agricultural households of regions by type of holding, the enumeration result presented in Summary Table III.3 showed that in all regions (except Affar Region) combination of crop and livestock agriculture was the major type of holding. The proportion who combines crop and livestock was highest (87.1 percent) for Dire Dawa Administrative Council and lowest (59 percent) for Affar Region. On the other hand, exclusive crop farming was more common in Gambella Region (24.2 percent) and least common in Dire Dawa Administrative Council (4.1 percent).

**Summary Table III.3 Distribution of Population in Agricultural Households by Holding Status, Type of Holding, Region and Place of Residence**

| Region | Place of Residence | Total Population in Agricultural Households | Total Holders | | Holders by Type of Holding | | |
|---|---|---|---|---|---|---|---|
| | | | No. | % | Crop Only | Livestock Only | Crop and Livestock |
| Country Level | Rural + Urban | 54,548,079 | 11,507,383 | 100 | 17.7 | 8.2 | 74.1 |
| | Rural | 52,660,922 | 11,138,932 | 100 | 17.8 | 7.0 | 75.1 |
| | Urban | 1,887,157 | 368,451 | 100 | 13.3 | 44.3 | 42.3 |
| Tigray Region | Rural + Urban | 3,488,777 | 739,917 | 100 | 19.7 | 7.4 | 72.9 |
| | Rural | 3,374,403 | 715,620 | 100 | 19.7 | 6.2 | 74.1 |
| | Urban | 114,374 | 24,297 | 100 | 17.2 | 44.6 | 38.2 |
| Affar Region | Rural + Urban | 142,113 | 30,707 | 100 | 6.5 | 51.4 | 42.1 |
| | Rural | 124,083 | 26,551 | 100 | 6.5 | 46.1 | 47.4 |
| | Urban | 18,030 | 4,155 | 100 | 6.2 | 85.7 | 8.1 |
| Amhara Region | Rural + Urban | 14,726,570 | 3,255,767 | 100 | 19.1 | 7.7 | 73.2 |
| | Rural | 14,382,773 | 3,183,823 | 100 | 19.3 | 6.6 | 74.1 |
| | Urban | 343,797 | 71,944 | 100 | 11.7 | 54.6 | 33.6 |
| Oromia Region | Rural + Urban | 22,044,650 | 4,421,408 | 100 | 18.2 | 7.5 | 74.3 |
| | Rural | 21,207,672 | 4,257,978 | 100 | 18.4 | 6.2 | 75.4 |
| | Urban | 836,978 | 163,431 | 100 | 13.2 | 41.3 | 45.5 |
| Somali Region | Rural + Urban | 622,562 | 113,910 | 100 | 10.6 | 18.0 | 71.4 |
| | Rural | 561,107 | 103,092 | 100 | 10.6 | 12.5 | 76.8 |
| | Urban | 61,455 | 10,817 | 100 | 10.7 | 69.6 | 19.7 |
| Benishangul-Gumuz Region | Rural + Urban | 621,674 | 136,585 | 100 | 23.6 | 6.6 | 69.8 |
| | Rural | 587,359 | 129,478 | 100 | 24.6 | 4.4 | 71.0 |
| | Urban | 34,315 | 7,107 | 100 | 5.7 | 46.0 | 48.3 |
| S.N.N.P Region | Rural + Urban | 12,431,842 | 2,712,418 | 100 | 14.7 | 9.1 | 76.2 |
| | Rural | 12,057,752 | 2,643,736 | 100 | 14.7 | 8.6 | 76.8 |
| | Urban | 374,090 | 68,682 | 100 | 17.0 | 28.1 | 54.9 |
| Gambella Region | Rural + Urban | 153,181 | 35,150 | 100 | 24.2 | 9.8 | 66.1 |
| | Rural | 139,919 | 32,756 | 100 | 24.8 | 8.1 | 67.2 |
| | Urban | 13,261 | 2,394 | 100 | 15.9 | 32.7 | 51.4 |
| Harari Region | Rural + Urban | 73,172 | 15,358 | 100 | 16.1 | 7.4 | 76.6 |
| | Rural | 66,894 | 14,101 | 100 | 15.0 | 4.9 | 80.1 |
| | Urban | 6,278 | 1,258 | 100 | 27.7 | 35.5 | 36.8 |
| Addis Ababa City Administration | Rural + Urban | 148,575 | 28,002 | 100 | 6.4 | 44.0 | 49.6 |
| | Rural | 79,056 | 16,281 | 100 | 8.3 | 21.5 | 70.2 |
| | Urban | 69,518 | 11,721 | 100 | 3.8 | 75.3 | 20.9 |
| Dire Dawa Administrative Council | Rural + Urban | 94,964 | 18,163 | 100 | 4.1 | 18.7 | 77.2 |
| | Rural | 79,904 | 15,516 | 100 | 4.1 | 8.8 | 87.1 |
| | Urban | 15,060 | 2,646 | 100 | 4.5 | 76.6 | 18.9 |

## 2.2 Age-Sex Structure of the Population in Agricultural Households

Age and sex are among the important factors that determine the status of individuals in their community in general and their involvement in production process in particular. The age-sex composition of a population of an area is the product of past fertility, mortality and migration trends. Age and sex structure are important for the functioning of the economy including the agricultural economy, since these two attributes constitute the main criteria for determining entrance into the work force and the division of labour. It is also important for several purposes. Among others, age-sex data is useful for in-depth analysis of socio-economic characteristics of a given population. Also, age-sex data is vital for making component and sectorial projections.

The percentage distribution of the population in agricultural households by sex, age group, place of residence, and holding status and type is presented in Summary Table III.4. Also, the single year age and five years age distribution of the population in agricultural households are presented in Figure III.1 and Figure III.2, respectively. The population in agricultural households in both rural and urban areas is characterized by young age. As the data in the table showed, 55 percent and 52.7 percent of rural and urban population in agricultural households were under 18 years of age. Those persons aged 60 years and above constituted nearly equal proportion, that is, 5.2 percent in rural and 5.1 percent in urban areas. According to the age pyramid, the age pattern of the region's population in agricultural households appeared to be fluctuating (See Figures III.1 to III.3). As can be observed from Figure III.2 the age pyramid is characterized by broad base and this is possibly due to constant or increasing of fertility. The chance of being holder becomes significant after age 25 and gets its peak at age 30-39 years for males and at age 60 and above years for females (See Figure III.3)

The age pattern observed at country level among total holders also holds true for both crop only holders and crop and livestock holders, with 6.5 percent of the young under age 25 years practicing crop and livestock agriculture. In the case of persons who are engaged in livestock only, however, the involvement of the young population who are under age 25 years was very significant (41.9 percent). This phenomenon of a significant proportion of the young being livestock only holders was particularly true in rural areas (48.8 Percent).

Figure III.1 Distribution of Population of Agricultural households by Sex and age in single year (Urban + Rural)

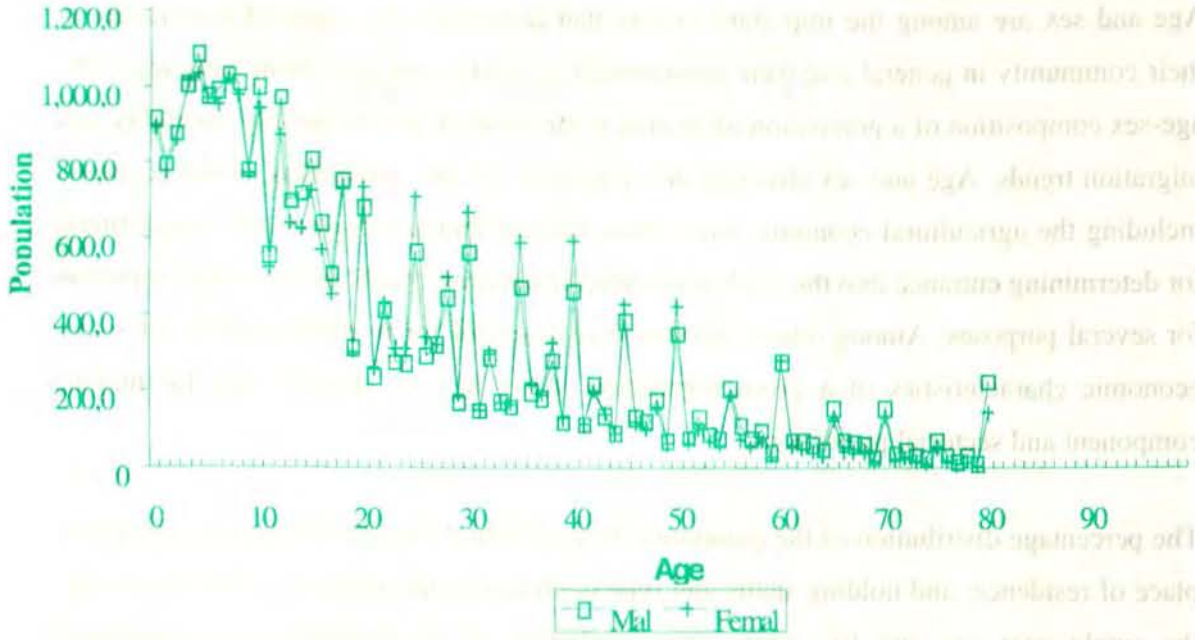



Fig III.2 Age-Sex Distribution of Population in Agricultural Households at Country Level

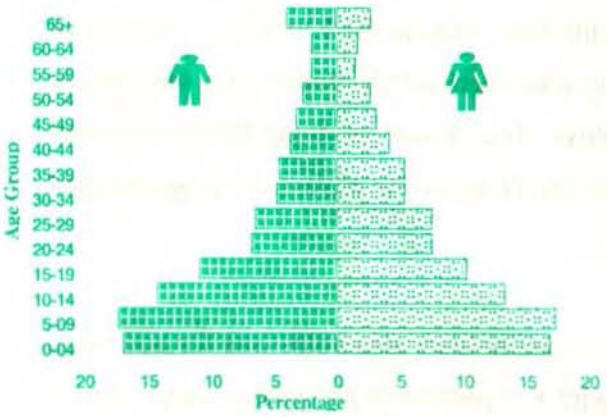
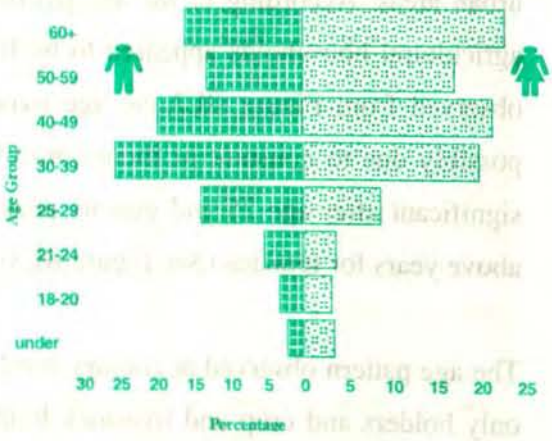



Fig III.3 Age-Sex Distribution of Population of Agricultural Holders at Country Level



## Summary Table III.4 Distribution of Population in Agricultural Households by Sex, Age Group, Holding Status, Type of Holding and Place of Residence

| Age Group And Sex | Rural + Urban | | | | | Rural | | | | | Urban | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Population in Agricultural HHs | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural HHs | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural HHs | Total Holders | Holders by Type of Holding | | |
| | | | Crop Only | Livestock Only | Crop and Livestock | | | Crop Only | Livestock Only | Crop and Livestock | | | Crop Only | Livestock Only | Crop and Livestock |
| Both Sexes | | | | | | | | | | | | | | | |
| All Ages | 54,548,079 | 11,507,383 | 2,032,026 | 948,571 | 8,526,786 | 52,660,922 | 11,138,932 | 1,982,985 | 785,189 | 8,370,757 | 1,887,157 | 368,451 | 49,041 | 163,382 | 156,028 |
| | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Under 18 | 54.9 | 2.5 | 2.4 | 20.0 | 0.6 | 55.0 | 2.5 | 2.5 | 23.5 | 0.6 | 52.7 | 1.7 | 0.9 | 3.3 | 0.3 |
| 18 - 20 | 6.5 | 3.3 | 5.2 | 11.7 | 1.9 | 6.4 | 3.4 | 5.3 | 13.7 | 2.0 | 7.6 | 1.8 | 2.7 | 2.1 | 1.1 |
| 21 - 24 | 4.6 | 5.1 | 7.1 | 10.1 | 4.0 | 4.6 | 5.1 | 7.1 | 11.6 | 4.0 | 5.0 | 2.9 | 4.9 | 2.6 | 2.5 |
| 25 - 29 | 7.1 | 13.0 | 15.7 | 13.2 | 12.4 | 7.1 | 13.2 | 15.8 | 14.4 | 12.4 | 6.8 | 8.8 | 13.0 | 7.6 | 8.7 |
| 30 - 39 | 10.1 | 24.5 | 23.3 | 16.1 | 25.8 | 10.1 | 24.5 | 23.2 | 14.2 | 25.8 | 10.5 | 25.8 | 26.4 | 25.6 | 25.7 |
| 40 - 49 | 7.2 | 20.2 | 16.6 | 11.2 | 22.0 | 7.2 | 20.0 | 16.5 | 8.3 | 22.0 | 7.8 | 24.7 | 20.3 | 25.2 | 25.4 |
| 50 - 59 | 4.4 | 13.9 | 12.0 | 7.1 | 15.1 | 4.4 | 13.9 | 11.9 | 5.2 | 15.1 | 4.6 | 16.0 | 13.7 | 16.0 | 16.7 |
| 60+ | 5.2 | 17.4 | 17.8 | 10.5 | 18.1 | 5.2 | 17.4 | 17.8 | 9.0 | 18.1 | 5.1 | 18.4 | 17.9 | 17.5 | 19.5 |
| Male | | | | | | | | | | | | | | | |
| All Ages | 27,533,718 | 9,357,708 | 1,521,310 | 554,386 | 7,282,012 | 26,614,389 | 9,084,055 | 1,484,854 | 444,716 | 7,154,485 | 919,329 | 273,653 | 36,457 | 109,670 | 127,527 |
| | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Under 18 | 55.8 | 2.3 | 2.8 | 23.3 | 0.6 | 55.9 | 2.3 | 2.9 | 28.1 | 0.6 | 54.0 | 1.8 | 1.0 | 3.6 | 0.3 |
| 18 - 20 | 6.4 | 3.4 | 6.2 | 13.6 | 2.0 | 6.3 | 3.4 | 6.3 | 16.4 | 2.0 | 7.6 | 1.7 | 2.8 | 2.0 | 1.1 |
| 21 - 24 | 4.4 | 5.4 | 8.3 | 12.0 | 4.3 | 4.3 | 5.5 | 8.4 | 14.3 | 4.3 | 4.7 | 2.9 | 5.3 | 2.6 | 2.6 |
| 25 - 29 | 6.5 | 14.0 | 18.1 | 14.0 | 13.2 | 6.6 | 14.2 | 18.2 | 15.6 | 13.2 | 5.6 | 9.2 | 14.1 | 7.7 | 9.2 |
| 30 - 39 | 9.4 | 25.6 | 25.0 | 15.0 | 26.6 | 9.4 | 25.6 | 24.9 | 11.9 | 26.6 | 9.6 | 27.3 | 28.6 | 27.5 | 26.8 |
| 40 - 49 | 7.0 | 19.9 | 15.5 | 9.4 | 21.6 | 6.9 | 19.7 | 15.4 | 5.3 | 21.5 | 8.0 | 25.0 | 20.1 | 26.0 | 25.5 |
| 50 - 59 | 4.6 | 13.2 | 10.0 | 5.1 | 14.5 | 4.6 | 13.1 | 9.9 | 2.8 | 14.5 | 4.7 | 14.9 | 12.5 | 14.6 | 15.8 |
| 60+ | 5.9 | 16.2 | 14.0 | 7.5 | 17.4 | 5.9 | 16.2 | 14.0 | 5.4 | 17.3 | 5.7 | 17.1 | 15.3 | 16.0 | 18.6 |
| Female | | | | | | | | | | | | | | | |
| All Ages | 27,014,361 | 2,149,675 | 510,716 | 394,185 | 1,244,774 | 26,046,533 | 2,054,877 | 498,089 | 340,473 | 1,216,272 | 967,828 | 94,798 | 12,584 | 53,712 | 28,502 |
| | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Under 18 | 54.0 | 3.3 | 1.1 | 15.4 | 0.4 | 54.1 | 3.4 | 1.2 | 17.5 | 0.4 | 51.5 | 1.6 | 0.5 | 2.5 | 0.3 |
| 18 - 20 | 6.6 | 3.0 | 2.3 | 8.9 | 1.5 | 6.5 | 3.1 | 2.3 | 10.0 | 1.5 | 7.6 | 2.0 | 2.4 | 2.3 | 1.1 |
| 21 - 24 | 4.9 | 3.6 | 3.3 | 7.4 | 2.6 | 4.9 | 3.7 | 3.2 | 8.1 | 2.6 | 5.2 | 2.7 | 3.7 | 2.7 | 2.2 |
| 25 - 29 | 7.6 | 8.7 | 8.4 | 12.0 | 7.8 | 7.6 | 8.8 | 8.3 | 12.7 | 7.9 | 7.9 | 7.5 | 9.6 | 7.5 | 6.2 |
| 30 - 39 | 10.8 | 19.9 | 18.2 | 17.8 | 21.2 | 10.8 | 19.8 | 18.2 | 17.2 | 21.2 | 11.4 | 21.2 | 20.2 | 21.7 | 20.5 |
| 40 - 49 | 7.4 | 21.4 | 19.7 | 13.7 | 24.6 | 7.4 | 21.3 | 19.7 | 12.1 | 24.6 | 7.5 | 23.8 | 20.8 | 23.7 | 25.2 |
| 50 - 59 | 4.2 | 17.1 | 17.9 | 9.8 | 19.0 | 4.2 | 17.0 | 17.9 | 8.4 | 19.0 | 4.4 | 19.2 | 16.8 | 18.9 | 20.8 |
| 60+ | 4.4 | 22.8 | 29.0 | 14.7 | 22.9 | 4.4 | 22.9 | 29.1 | 13.7 | 22.8 | 4.5 | 22.0 | 25.1 | 20.5 | 23.5 |
| Sex Ratio | 101.9 | 435.3 | 297.9 | 140.6 | 585.0 | 102.2 | 442.1 | 298.1 | 130.6 | 58 8.2 | 95.0 | 288.7 | 289.7 | 204.2 | 447.4 |

The sex distribution of a population can be studied using indices called "sex ratios" that are calculated as a ratio of males per 100 females. When the ratio is over 100, the males are in excess and when less than 100 the females predominate. The sex ratio of the population in agricultural households by holding status and type of holding are calculated and presented at the bottom of Summary Table III.4. In a population where there is no sex selective migration, the overall sex ratio is expected to be around 100. In addition, sex ratio for the population in agricultural households will be affected by movements of people between agricultural and non-agricultural households with in the country itself. For the population in agricultural households of Ethiopia the overall sex ratio is found to be 101.9, showing slight excess of males over females. The situation in urban areas where the result shows a sex ratio of 95 is, however, different from that of the rural areas (102.2) indicating that there are more females than males in urban areas.

The table further shows a sex ratio of 435.4 for agricultural holders. That is, for every 100 female holders there are 435 male holders. The excess of male holders over female holders is extremely large among those practicing both crop and livestock holding. The pattern observed at country level appears true in both urban and rural areas with urban holders showing relatively lower sex ratios for crop and livestock and crop only holders and higher sex ratio for those practicing livestock only.

## 2.3 Household Size

Size of household refers to the entire number of persons- related or unrelated who comprise one private household. In this survey a household is defined as either single person who makes provisions for his own or a group of two or more persons who live together and make common provisions for food and other essentials of living.

Summary Table III.5 presents the distribution of the agricultural households by number of persons per household and average household size for male and female-headed households.

According to the sample enumeration, on September 2001 there were 10,582,240 agricultural households in Ethiopia. These households all together accommodate 54,533,019 persons, resulting in average household size of 5.2 persons per agricultural household. Regarding the distribution of persons per household, the data in the table shows that, the majority of households had 6-9 persons (36.8 percent) followed by those with 4-5 persons (33.8 percent) and 2-3 persons (22.8 percent). Single person households and households with 10 and more persons each comprise about 3 percent and 4 percent, respectively.

**Summary Table III.5 Distribution of Agricultural Households by Household Size, Sex of Head, and Place of Residence**

| Rural/ Urban and Sex of Head | Total Population in Agricultural HHs | Total Households | | Household Sizes | | | | | Average Household Size |
|---|---|---|---|---|---|---|---|---|---|
| | | Nº | % | One Member HHs | 2-3 Members HHs | 4-5 Members HHs | 6-9 Members HHs | 10 & above Members HHs | |
| Rural + Urban | | | | | | | | | |
| Total | 54,548,079 | 10,584,877 | 100 | 2.7 | 22.8 | 33.8 | 36.8 | 3.9 | 5.2 |
| Male Head | 47,395,437 | 8,721,305 | 100 | 1.5 | 19.1 | 34.0 | 40.8 | 4.6 | 5.4 |
| Female Head | 7,152,642 | 1,863,572 | 100 | 8.7 | 39.8 | 32.9 | 17.8 | 0.8 | 3.8 |
| Rural | | | | | | | | | |
| Total | 52,660,922 | 10,225,970 | 100 | 2.7 | 22.8 | 33.9 | 36.7 | 3.8 | 5.1 |
| Male Head | 45,876,463 | 8,452,007 | 100 | 1.4 | 19.2 | 34.1 | 40.8 | 4.5 | 5.4 |
| Female Head | 6,784,459 | 1,773,964 | 100 | 8.8 | 40.0 | 32.8 | 17.6 | 0.7 | 3.8 |
| Urban | | | | | | | | | |
| Total | 1,887,157 | 358,907 | 100 | 3.5 | 22.0 | 31.9 | 37.4 | 5.2 | 5.3 |
| Male Head | 1,518,973 | 269,298 | 100 | 2.2 | 17.0 | 31.5 | 43.0 | 6.4 | 5.6 |
| Female Head | 368,184 | 89,609 | 100 | 7.2 | 37.1 | 33.2 | 20.6 | 1.9 | 4.1 |

Average household size for agricultural households in urban areas of Ethiopia was slightly higher than that in rural areas. The enumeration results further show that the size of households differs by the sex of head. In both rural and urban areas, male-headed agricultural households appear to have larger household size, with almost equal difference observed in both urban and rural areas. As can be observed in Summary Table III.5, on average, male-headed agricultural households in both rural and urban areas of the country had about one and half more persons. In rural and urban areas, women living alone, respectively occupy 8.8 percent and 7.2 percent of female-headed agricultural households.

As presented in Summary Table III.6 Addis Ababa City Administration, Somali, Oromia and Dire Dawa Administrative Council regions had relatively higher average household size. On the other hand, Affar, Amhara, Gambella and Benishangul-Gumuz regions have relatively lower average household size than the other regions. Similar pattern holds true in rural areas. In urban areas, Addis Ababa City Administration and Somali Region registered the highest average household size.

**Summary Table III.6 Average Household Size by Zone, Place of Residence and Sex of Head of Households**

| Region | Rural + Urban | | | Rural | | | Urban | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Male Headed | Female Headed | Total | Male Headed | Female Headed | Total | Male Headed | Female Headed |
| Country Level | 5.2 | 5.4 | 3.8 | 5.1 | 5.4 | 3.8 | 5.2 | 5.6 | 4.1 |
| Tigray | 5.0 | 5.5 | 3.4 | 5.0 | 5.5 | 3.4 | 4.7 | 5.4 | 3.5 |
| Affar | 4.8 | 5.0 | 3.9 | 4.9 | 5.0 | 3.9 | 4.4 | 4.5 | 3.6 |
| Amhara | 4.8 | 5.1 | 3.3 | 4.8 | 5.1 | 3.3 | 4.9 | 5.3 | 3.7 |
| Amhara | 4.8 | 5.1 | 3.3 | 4.8 | 5.1 | 3.3 | 4.9 | 5.3 | 3.7 |
| Oromia | 5.4 | 5.7 | 4.3 | 5.5 | 5.7 | 4.3 | 5.3 | 5.6 | 4.2 |
| Somali | 5.6 | 5.8 | 4.5 | 5.6 | 5.8 | 4.4 | 5.7 | 6.1 | 4.9 |
| Benshangul-Gumuz | 4.9 | 5.2 | 3.4 | 4.9 | 5.2 | 3.3 | 5.0 | 5.1 | 4.1 |
| S.N.N.P | 5.1 | 5.4 | 4.0 | 5.1 | 5.4 | 4.0 | 5.6 | 5.9 | 4.4 |
| Gambella | 4.8 | 5.0 | 4.0 | 4.7 | 4.9 | 3.9 | 5.6 | 5.9 | 4.8 |
| Harari | 5.0 | 5.2 | 3.7 | 5.0 | 5.2 | 3.6 | 5.0 | 5.4 | 4.2 |
| Addis Ababa City Administration | 5.8 | 6.1 | 4.8 | 5.6 | 5.9 | 4.6 | 6.0 | 6.3 | 5.0 |
| Dire Dawa Administrative Council | 5.3 | 5.5 | 4.0 | 5.3 | 5.5 | 3.8 | 5.7 | 6.1 | 4.7 |

# 3 SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULALTION IN AGRICULTURAL HOUSEHOLDS

The 2001/2002 Ethiopian Agricultural Sample Enumeration has collected some basic social and economic characteristics of the population of the country residing in agricultural households. The information collected included relationship to the head of the household, marital status, literacy status and educational level, work status, employment status and type of occupation. In

this respect, this section of the chapter presents some of the major findings of the sample census.

## 3.1 Relationship With The Head of Household

Relationship to the head of the household is an important measure of household formation and hence it is a pivot on which modern method of projecting households and families turns. Relationship to the head of the household is considered in this report for its influence on agricultural holding status and certain decision to be taken related to agricultural activities. In the sample census the head of a household is any member of the household who is recognized as a head by the other members.

Summary Table III.7 presents the distribution of the population in agricultural households by sex, relationship to the head of the household, holding status and type of holdings at country level. Among both the males and the females the majority of the population in agricultural households were children of heads (55.6 percent). Next to children of heads are the heads (19.4 percent) and the spouses (15.3 percent). The proportion of heads among the males was substantially higher than that of the females, reflecting the fact that males in most societies assume execution of the major roles of the agricultural activities and the head is considered as the main breadwinner in the household as well as the one who merely bear responsibility.

The overwhelming majority of both male and female holders (93.0 percent, and 85.0 percent, respectively) were heads of households and this dominancy of heads of households was highly pronounced in the crop and livestock, and crop only holdings. Children and spouses had substantial contribution among livestock only holders (37.1 percent, and 10.5 percent, respectively) and this phenomenon is more pronounced in the rural areas than urban areas.

The agricultural sample enumeration results at reginal level presented in Table III.8 shows the proportion of heads by sex and holding status type of holding of the population in agricultural

household for regions. The proportion of heads among the general population in agricultural household varied within a small range between 17.3% for Addis Ababa City Adminstration to 20.8% for Amhara region. In urban areas the variation was wider than that of rural areas, lowest (16.6%) for Addis Ababa City Administration and highest for Affar region (23%). As expected, the overwhelming majority holders in agricultural households assume the role of headship. The proportion of heads among holders varied between 88% for Addis Ababa City Administration to 96.3% for Somali Region. Regions exhibited the same pattern by type of holding except Addis Ababa City Administration and the semi pastoralists regions of Affar and Somali, where proportion of heads goes to livestock holders. In all regions the proportion of heads among males population are substantially higher than that of female population.

## 3.2 Marital Status

This section presents the level and pattern of marital status of the population in the agricultural households of Ethiopia. In addition to being one of the important proximate determinants of fertility, marriage has economic and social implications. Generally, marriage is basic to family formation .In countries like Ethiopia, where the agriculture is subsistence farming, families play central role in the production processes, income maintenance, economic status, ...etc.

In the census questionnaire, information was collected on the marital status of the population 10 years of age and older. The marital status was categorized into four main groups, namely never married (single), married, divorced and widowed. A person who had never been married is considered to be single, whereas married persons include, couples who are living together bonded by any kind of marital engagement at the time of the census (traditional, religious or civil marriage). Separated couples are also considered to be married, unless they had dissolved their marriage agreement legally, a person who had been married but whose marriage was dissolved through divorce before the census day is categorized as divorced, and a person whose marriage was dissolved through the death of the spouse is categorized as widowed.

## Summary Table III.7 Size of Population in Agricultural Households by Sex, Relationship to the Head of Household, Holding Status and Type of Holding

| Sex and Relationship to The Head | Rural + Urban | | | | | Rural | | | | | Urban | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural HHs | Total Holders | Holders by Type of Holding | | |
| | | | Crop Only | Livestock Only | Crop and Livestock | | | Crop Only | Live-stock Only | Crop and Livestock | | | Crop Only | Live-stock Only | Crop and Livestock |
| Both Sexes | | | | | | | | | | | | | | | |
| All Persons | 54,548,079 | 11,507,383 | 2,032,026 | 948,571 | 8,526,786 | 52,660,922 | 11,138,932 | 1,982,985 | 785,189 | 8,370,757 | 1,887,157 | 368,451 | 49,041 | 163,382 | 156,028 |
| Head | 19.4 | 91.5 | 87.9 | 42.9 | 97.7 | 19.4 | 91.3 | 87.7 | 32.5 | 97.7 | 19 | 95.7 | 96.5 | 92.6 | 98.8 |
| Spouse | 15.3 | 1.2 | 0.6 | 10.5 | 0.2 | 15.3 | 1.2 | 0.6 | 12.3 | 0.2 | 13.3 | 1 | 0.6 | 1.8 | 0.3 |
| Children | 55.6 | 5.6 | 7.9 | 37.1 | 1.6 | 55.6 | 5.7 | 8.1 | 44.0 | 1.6 | 53.7 | 2.4 | 1.7 | 4.3 | 0.5 |
| Mother/Father | 1.1 | 0.3 | 0.6 | 2.0 | 0.1 | 1.1 | 0.4 | 0.6 | 2.4 | 0.1 | 0.8 | 0.1 | 0.1 | 0.1 | * |
| Sister/Brother | 1.8 | 0.5 | 0.9 | 2.5 | 0.1 | 1.7 | 0.5 | 0.9 | 3.0 | 0.1 | 2.2 | 0.2 | 0.2 | 0.3 | 0.1 |
| Other Relatives | 5.5 | 0.7 | 1.1 | 3.9 | 0.2 | 5.5 | 0.7 | 1.1 | 4.5 | 0.2 | 7.9 | 0.4 | 0.4 | 0.6 | 0.1 |
| Non-Relative | 1.4 | 0.3 | 0.9 | 0.8 | * | 1.3 | 0.3 | 0.9 | 1.0 | * | 3 | 0.1 | 0.4 | 0.2 | 0.1 |
| Male | | | | | | | | | | | | | | | |
| All Persons | 27,533,718 | 9,357,708 | 1,521,310 | 554,386 | 7,282,012 | 26,614,389 | 9,084,055 | 1,484,854 | 444,716 | 7,154,485 | 919,329 | 273,653 | 36,457 | 109,670 | 127,527 |
| Head | 31.7 | 93.0 | 86.8 | 45.2 | 97.9 | 31.8 | 92.8 | 86.6 | 33.2 | 97.9 | 29.3 | 96.7 | 96.6 | 94.1 | 99.1 |
| Spouse | 0.3 | 0.1 | 0.1 | 0.4 | 0.1 | 0.3 | 0.1 | 0.1 | 0.4 | 0.1 | 0.5 | * | * | * | * |
| Children | 58.7 | 5.5 | 9.4 | 45.5 | 1.7 | 58.8 | 5.6 | 9.6 | 55.7 | 1.7 | 57.2 | 2.5 | 2.1 | 4.7 | 0.6 |
| Mother/Father | 0.3 | 0.1 | 0.2 | 0.5 | * | 0.3 | 0.1 | 0.2 | 0.6 | * | 0.2 | * | * | * | * |
| Sister/Brother | 1.8 | 0.4 | 1.0 | 2.9 | 0.1 | 1.8 | 0.4 | 1.0 | 3.5 | 0.1 | 2.2 | 0.2 | 0.2 | 0.3 | * |
| Other Relatives | 5.4 | 0.6 | 1.3 | 4.1 | 0.2 | 5.3 | 0.6 | 1.3 | 4.9 | 0.2 | 7.7 | 0.4 | 0.5 | 0.6 | 0.1 |
| Non-Relative | 1.9 | 0.3 | 1.2 | 1.1 | * | 1.9 | 0.3 | 1.2 | 1.3 | * | 2.9 | 0.2 | 0.4 | 0.1 | 0.1 |
| Female | | | | | | | | | | | | | | | |
| All Persons | 27,014,361 | 2,149,675 | 510,716 | 394,185 | 1,244,774 | 26,046,533 | 2,054,877 | 498,089 | 340,473 | 1,216,272 | 967,828 | 94,798 | 12,584 | 53,712 | 28,502 |
| Head | 6.9 | 85.0 | 91.0 | 39.5 | 96.9 | 6.8 | 84.6 | 90.9 | 31.6 | 96.8 | 9.3 | 92.8 | 96.3 | 89.5 | 97.5 |
| Spouse | 30.5 | 5.8 | 2.3 | 24.8 | 1.2 | 30.7 | 5.9 | 2.3 | 27.8 | 1.2 | 25.5 | 3.9 | 2 | 5.5 | 1.7 |
| Children | 52.3 | 6.0 | 3.4 | 25.3 | 1.0 | 52.4 | 6.2 | 3.5 | 28.7 | 1.0 | 50.4 | 2.2 | 0.5 | 3.5 | 0.2 |
| Mother/Father | 2.0 | 1.5 | 1.9 | 4.2 | 0.6 | 2.0 | 1.6 | 1.9 | 4.8 | 0.6 | 1.3 | 0.2 | 0.4 | 0.2 | 0.1 |
| Sister/Brother | 1.7 | 0.6 | 0.6 | 1.9 | 0.1 | 1.7 | 0.6 | 0.6 | 2.2 | 0.1 | 2.3 | 0.2 | 0.1 | 0.3 | 0.1 |
| Other Relatives | 5.7 | 0.9 | 0.6 | 3.5 | 0.2 | 5.6 | 0.9 | 0.6 | 4.0 | 0.2 | 8.1 | 0.4 | 0.1 | 0.6 | 0.1 |
| Non-Relative | 0.8 | 0.2 | 0.2 | 0.5 | * | 0.7 | 0.2 | 0.2 | 0.5 | * | 3.1 | 0.1 | 0.1 | 0.2 | * |

## Table III.8 Proportion of Heads in Agricultural Households by Sex, Holding Status and Type of Holding

| Regions and Sex | Rural + Urban | | | | | Rural | | | | | Urban | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | |
| | | | Crop Only | Livestock Only | Crop and Livestock | | | Crop Only | Livestock Only | Crop and Livestock | | | Crop Only | Livestock Only | Crop and Livestock |
| Country Level | | | | | | | | | | | | | | | |
| Both Sexes | 19.4 | 91.5 | 87.9 | 42.9 | 97.7 | 19.4 | 91.3 | 87.7 | 32.5 | 97.7 | 19 | 95.7 | 96.5 | 92.6 | 98.8 |
| Male | 31.7 | 93.0 | 86.8 | 45.2 | 97.9 | 31.8 | 92.8 | 86.6 | 33.2 | 97.9 | 29.3 | 96.7 | 96.6 | 94.1 | 99.1 |
| Female | 6.9 | 85.0 | 91.0 | 39.5 | 96.9 | 6.8 | 84.6 | 90.9 | 31.6 | 96.8 | 9.3 | 92.8 | 96.3 | 89.5 | 97.5 |
| Tigray | | | | | | | | | | | | | | | |
| Both Sexes | 20.1 | 94.3 | 93.1 | 59.8 | 98.2 | 20.1 | 94.2 | 92.9 | 50.8 | 98.1 | 21.1 | 97.8 | 98.3 | 96.5 | 99 |
| Male | 30.4 | 96.3 | 95.0 | 62.5 | 98.8 | 30.4 | 96.2 | 94.8 | 52.4 | 98.7 | 28.8 | 99 | 99.2 | 98.3 | 99.5 |
| Female | 9.7 | 88.4 | 91.0 | 56.9 | 95.3 | 9.6 | 88.1 | 90.8 | 49.1 | 95.3 | 13.9 | 95.6 | 97.3 | 93.9 | 97.4 |
| Affar | | | | | | | | | | | | | | | |
| Both Sexes | 20.7 | 95.2 | 84.2 | 94.9 | 97.3 | 20.4 | 94.9 | 82.1 | 94.3 | 97.3 | 23 | 97.5 | 98.4 | 97.2 | 100 |
| Male | 34.3 | 96.9 | 86.3 | 97.8 | 97.6 | 34 | 96.6 | 84.4 | 97.4 | 97.5 | 37.1 | 99.4 | 98.4 | 99.4 | 100 |
| Female | 5.9 | 85.7 | 65.9 | 83 | 95.2 | 5.4 | 84.5 | 64 | 80.1 | 95.2 | 9.1 | 90.6 | 100 | 90.3 | 100 |
| Amhara | | | | | | | | | | | | | | | |
| Both Sexes | 20.8 | 93.6 | 92.9 | 47.5 | 98.6 | 20.8 | 93.5 | 92.9 | 38.8 | 98.6 | 20.4 | 95.8 | 95.8 | 93.9 | 98.9 |
| Male | 34.0 | 95.3 | 93.4 | 50.3 | 98.8 | 34 | 95.3 | 93.4 | 40.3 | 98.8 | 31.2 | 96.8 | 97.3 | 94.9 | 99.2 |
| Female | 7.0 | 85.7 | 91.7 | 43.4 | 97.2 | 6.9 | 85.4 | 91.7 | 36.8 | 97.2 | 10.4 | 93.1 | 92.7 | 91.7 | 97.4 |
| Oromia | | | | | | | | | | | | | | | |
| Both Sexes | 18.4 | 90.9 | 82.8 | 49.5 | 97.1 | 18.3 | 90.7 | 82.4 | 38.8 | 97.1 | 18.9 | 95.3 | 95.2 | 91.8 | 98.5 |
| Male | 30.5 | 91.8 | 81.4 | 50 | 97.1 | 30.5 | 91.7 | 81.1 | 36.8 | 97 | 29.3 | 96 | 94.9 | 92.7 | 98.7 |
| Female | 6.0 | 86.3 | 89.5 | 49 | 97.2 | 5.9 | 85.9 | 89.3 | 41.1 | 97.2 | 9.1 | 93 | 96.3 | 89.9 | 97.3 |
| Somali | | | | | | | | | | | | | | | |
| Both Sexes | 17.8 | 96.3 | 88.8 | 90.5 | 98.8 | 17.8 | 96.5 | 87.8 | 88.9 | 98.9 | 17.5 | 94.6 | 98.7 | 93.3 | 96.9 |
| Male | 28.3 | 96.9 | 87.3 | 92.9 | 98.9 | 28.8 | 96.8 | 86.1 | 90.5 | 98.9 | 24.2 | 98 | 99.1 | 97.4 | 99.3 |
| Female | 6.2 | 93.4 | 94.9 | 85.7 | 98.5 | 5.7 | 94.7 | 94.6 | 85.3 | 99 | 10.5 | 87.5 | 97.8 | 86.2 | 89.2 |
| Benishangul-Gumuz | | | | | | | | | | | | | | | |
| Both Sexes | 20.4 | 92.5 | 88.1 | 52.6 | 97.8 | 20.4 | 92.3 | 88 | 30.1 | 97.7 | 20.2 | 96 | 96.8 | 92.1 | 99.5 |
| Male | 34.3 | 94.2 | 88.2 | 61.3 | 98.4 | 34.2 | 94.1 | 88.1 | 36.7 | 98.3 | 35.1 | 96.8 | 98.6 | 93.4 | 99.5 |
| Female | 6.3 | 84.1 | 87.6 | 36.6 | 94 | 6.3 | 83.7 | 87.6 | 21.1 | 93.8 | 6.3 | 91.6 | 81 | 87.6 | 99.5 |

| Regions and Sex | Rural + Urban | | | | | Rural | | | | | Urban | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | | Total Population in Agricultural Households | Total Holders | Holders by Type of Holding | | |
| | | | Crop Only | Crop Only | Livestock Only | | | Crop Only | Crop Only | Livestock Only | | | Crop Only | Crop Only | Livestock Only |
| SNNP | | | | | | | | | | | | | | | |
| Both Sexes | 19.4 | 88.8 | 88.5 | 14.9 | 97.6 | 19.5 | 88.5 | 88.2 | 8.5 | 97.6 | 17.9 | 96.5 | 98.4 | 90 | 99.3 |
| Male | 31.5 | 90.8 | 87.3 | 17.2 | 97.8 | 31.5 | 90.6 | 87 | 9.4 | 97.8 | 28.7 | 97.3 | 98.1 | 91.9 | 99.5 |
| Female | 7.6 | 81.3 | 92.2 | 11.5 | 96.7 | 7.6 | 80.9 | 92 | 7.2 | 96.7 | 7.5 | 93.9 | 99.4 | 85.2 | 98.5 |
| Gambella | | | | | | | | | | | | | | | |
| Both Sexes | 20.9 | 91 | 88.8 | 56.5 | 96.9 | 21.2 | 90.6 | 88.3 | 45.5 | 96.8 | 17.8 | 97.3 | 98.4 | 93.5 | 99.4 |
| Male | 34 | 94.7 | 90.6 | 78.2 | 97.7 | 34.8 | 94.5 | 90.3 | 71.9 | 97.6 | 26.1 | 98.3 | 98.6 | 95.8 | 99.6 |
| Female | 8.3 | 78.9 | 84.6 | 27.5 | 93.5 | 8.2 | 77.4 | 83.7 | 14.1 | 93.2 | 9.8 | 94.8 | 97.6 | 89 | 98.9 |
| Harari | | | | | | | | | | | | | | | |
| Both Sexes | 20.1 | 94.4 | 95.3 | 53.6 | 98.1 | 20.1 | 94.3 | 94.8 | 31.4 | 98.1 | 19.9 | 94.4 | 98 | 88.1 | 98.1 |
| Male | 33.5 | 97.3 | 95.4 | 81 | 98.4 | 34.1 | 97.4 | 94.9 | 64.8 | 98.4 | 27.7 | 96.8 | 98.7 | 93.1 | 98.8 |
| Female | 6.7 | 81.2 | 94.8 | 34 | 95.9 | 6.2 | 79.9 | 94.2 | * | 96 | 12.1 | 89.4 | 96.6 | 80.2 | 94.9 |
| Addis Ababa City Administration | | | | | | | | | | | | | | | |
| Both Sexes | 17.3 | 88 | 73.6 | 82.8 | 94.4 | 18 | 83.5 | 66.1 | 56.7 | 93.7 | 16.6 | 94.2 | 96.2 | 93.2 | 97.6 |
| Male | 26.5 | 90.3 | 75.8 | 86.2 | 95.6 | 26.8 | 85.8 | 68.5 | 55.8 | 95 | 26.1 | 96.6 | 95.7 | 96.3 | 97.9 |
| Female | 8.1 | 81.1 | 63.8 | 75.5 | 90.2 | 8.7 | 76.8 | 57.1 | 58 | 89.1 | 7.5 | 87.2 | 100 | 85.2 | 96.2 |
| Dire Dawa Administrative Council | | | | | | | | | | | | | | | |
| Both Sexes | 18.8 | 95.9 | 97.3 | 87.3 | 97.9 | 19 | 96.6 | 96.8 | 84.2 | 97.8 | 17.5 | 91.9 | 100 | 89.4 | 100 |
| Male | 32 | 96.8 | 97.1 | 90.5 | 97.9 | 33.2 | 96.7 | 96.6 | 82.1 | 97.8 | 25.6 | 97.2 | 100 | 96.2 | 100 |
| Female | 5.7 | 90.8 | 100 | 81.9 | 98.3 | 4.9 | 95.3 | * | 87.5 | 98.1 | 9.6 | 81.1 | 100 | 78.1 | 100 |

Summary Table III.8 presents the distribution of the population in agricultural households by marital status and broad age group. As the data in the table indicates half of the population in the agricultural households in the region is in marital union at the time of the enumeration. Those who never married constitute about 40.7 percent while 8.6 percent have dissolved their marriage due to divorce or the death of the spouse. The data further show that a higher proportion of the males to be in single-hood status while the incidence of dissolution of marriage was significantly higher among the females than the males. Regarding the marital status of the agricultural holders in Ethiopia, the data in the table shows that, the majority (77.3 percent) was in marital union at the time of the census.

A higher proportion i.e. 88.5 percent and 77.6 percent of the young (aged 10-17 years) female population in agricultural households, and the holders, respectively are single, indicating relatively early start of marriage in the female population, particularly among holders. Further, marriage is universal in Ethiopia as evidenced by the fact that at age 50 and over the proportion of single is only about one percent for each of the males and the females.

Summary Table III.10 presents the proportion of married persons of the population in agricultural households by sex, age group and region. Accordingly, the highest proportion of married persons among males and females in agricultural households was registered in the age group 30-49 years (92.0 percent and 84.0 percent, respectively). Those currently married among persons below 18 years of age in the agricultural households is about 5.2 percent.

The proportion of women in marital union at the time of census ranged from 35.6 percent for Addis Ababa City Administration to 54.4 percent for Amhara region. Further, the proportion married at younger age (10 - 17 years) among females is highest for Amhara and Gambella regions.

The pattern observed at regional level also holds true for rural areas. In urban areas, the proportions in marital union are lower than the corresponding figures in rural areas. Also proportion of persons in marital union at younger age (10 - 17 years) did not show much variation among regions.

## Summary Table III.9a Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, and Holding Status In Ethiopia

| Age Group and Holding Status | Total | | | Never Married | | | Married | | | Divorced | | | Widowed | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F |
| All Population in Agricultural HHs | | | | | | | | | | | | | | | |
| All Ages | 35834189 | 18070453 | 17763736 | 40.7 | 47.6 | 33.6 | 50.6 | 48.7 | 52.5 | 3.7 | 2.3 | 5.1 | 4.9 | 1.2 | 8.6 |
| 10 - 17 | 11253488 | 5906415 | 5347073 | 92.6 | 96.4 | 88.5 | 5.2 | 2.2 | 8.4 | 1.8 | 0.9 | 2.8 | * | * | 0.1 |
| 18 - 29 | 9900666 | 4746843 | 5153823 | 38.6 | 56.4 | 22.3 | 55.7 | 39.4 | 70.7 | 4.9 | 3.8 | 6 | 0.6 | 0.3 | 1 |
| 30 - 49 | 9433290 | 4509769 | 4923522 | 2.9 | 4.4 | 1.6 | 87.8 | 92 | 84 | 3.9 | 2.4 | 5.2 | 5.3 | 1.2 | 9.1 |
| 50+ | 5246745 | 2907427 | 2339318 | 1 | 1.1 | 0.8 | 71.4 | 91 | 47 | 5.1 | 2.6 | 8.2 | 22.3 | 5.1 | 43.7 |
| Holders | | | | | | | | | | | | | | | |
| All Ages | 11481273 | 9341007 | 2140266 | 7.9 | 8.5 | 5.5 | 77.3 | 87.9 | 31.1 | 4.6 | 1.8 | 16.5 | 10.1 | 1.7 | 46.7 |
| 10 - 17 | 259798 | 197151 | 62647 | 89.9 | 93.8 | 77.6 | 6.4 | 4.5 | 12 | 3.2 | 1.1 | 9.3 | * | * | * |
| 18 - 29 | 2463614 | 2132347 | 331267 | 21.9 | 22.9 | 15.4 | 71.7 | 74 | 57.2 | 4.7 | 2.7 | 17.5 | 1.6 | 0.4 | 9.8 |
| 30 - 49 | 5145016 | 4256455 | 888561 | 2.1 | 2.2 | 1.4 | 85.7 | 95.2 | 40.4 | 4.3 | 1.5 | 18.2 | 7.8 | 1.1 | 40 |
| 50+ | 3611697 | 2754153 | 857544 | 0.8 | 0.9 | 0.6 | 74.4 | 93.5 | 12.8 | 4.9 | 1.7 | 15 | 19.8 | 3.8 | 71.4 |



## Summary Table III.9b Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, And Holding Status, in Rural Areas

| Age Group and Holding Status | Total | | | Never Married | | | Married | | | Divorced | | | Widowed | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F |
| All Population in Agricultural HHs | | | | | | | | | | | | | | | |
| All Ages | 34468922 | 17411740 | 17057181 | 40.3 | 47.3 | 33.2 | 51 | 49 | 53 | 3.7 | 2.3 | 5 | 4.9 | 1.2 | 8.6 |
| 10 - 17 | 10780672 | 5670891 | 5109782 | 92.5 | 96.4 | 88.1 | 5.3 | 2.3 | 8.6 | 1.8 | 0.9 | 2.9 | * | * | 0.1 |
| 18 - 29 | 9535653 | 4582387 | 4953265 | 37.8 | 55.6 | 21.4 | 56.5 | 40.1 | 71.6 | 5 | 3.9 | 5.9 | 0.6 | 0.3 | 1 |
| 30 - 49 | 9087940 | 4347374 | 4740566 | 2.8 | 4.3 | 1.5 | 88 | 92.1 | 84.3 | 3.8 | 2.4 | 5.1 | 5.3 | 1.2 | 9.1 |
| 50+ | 5064657 | 2811089 | 2253568 | 1 | 1.1 | 0.8 | 71.6 | 91.1 | 47.2 | 5 | 2.5 | 8 | 22.3 | 5.1 | 43.7 |
| Holders | | | | | | | | | | | | | | | |
| All Ages | 11113202 | 9067645 | 2045557 | 8 | 8.5 | 5.5 | 77.5 | 87.9 | 31.4 | 4.5 | 1.8 | 16.2 | 10 | 1.7 | 46.8 |
| 10 - 17 | 253946 | 192767 | 61178 | 89.8 | 93.7 | 77.2 | 6.5 | 4.6 | 12.2 | 3.3 | 1.2 | 9.5 | * | * | * |
| 18 - 29 | 2414058 | 2094307 | 319751 | 21.9 | 22.9 | 15.2 | 71.8 | 74 | 57.6 | 4.6 | 2.7 | 17.4 | 1.6 | 0.4 | 9.7 |
| 30 - 49 | 4959284 | 4113319 | 845966 | 2.1 | 2.2 | 1.4 | 85.9 | 95.2 | 40.8 | 4.2 | 1.5 | 17.7 | 7.7 | 1.1 | 39.9 |
| 50+ | 3484934 | 2666500 | 818434 | 0.8 | 0.9 | 0.6 | 74.6 | 93.5 | 12.9 | 4.7 | 1.7 | 14.6 | 19.7 | 3.8 | 71.7 |

## Summary Table III.9c Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, and Holding Status, In Urban Areas

| Age Group and Holding Status | Total | | | Never Married | | | Married | | | Divorced | | | Widowed | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F | M + F | M | F |
| All Population in Agricultural HHs | | | | | | | | | | | | | | | |
| All Ages | 1365268 | 658712 | 706555 | 50.7 | 56.5 | 45.2 | 40 | 40.2 | 39.9 | 4 | 1.7 | 6.2 | 4.9 | 1.2 | 8.3 |
| 10 - 17 | 472816 | 235524 | 237291 | 96.3 | 97.5 | 95.2 | 2.3 | 1.5 | 3.2 | 0.4 | 0.1 | 0.7 | * | * | * |
| 18 - 29 | 365014 | 164456 | 200558 | 59.1 | 77.9 | 43.6 | 35.8 | 20.2 | 48.5 | 4.3 | 1.4 | 6.5 | 0.8 | 0.2 | 1.3 |
| 30 - 49 | 345350 | 162395 | 182956 | 5.4 | 8.1 | 2.9 | 82.2 | 87.7 | 77.4 | 6.2 | 2.8 | 9.2 | 6.2 | 1.4 | 10.4 |
| 50+ | 182088 | 96338 | 85750 | 1.3 | 1.6 | 1 | 66.5 | 88.8 | 41.4 | 8.6 | 3.8 | 14 | 23.2 | 5.5 | 43.2 |
| Holders | | | | | | | | | | | | | | | |
| All Ages | 368071 | 273362 | 94709 | 6.5 | 7 | 4.9 | 72.6 | 89.1 | 25 | 7.6 | 1.8 | 24.2 | 13.3 | 2.1 | 45.8 |
| 10 - 17 | 6008 | 4525 | 1463 | 96.1 | 97 | 93.3 | 2.9 | 2.4 | 2.9 | 0.3 | * | 1 | * | * | * |
| 18 - 29 | 49555 | 38040 | 11515 | 25.3 | 26.9 | 19.8 | 65 | 70.9 | 45.4 | 6.3 | 1.6 | 21.6 | 3.3 | 0.4 | 12.8 |
| 30 - 49 | 185732 | 143137 | 42595 | 2.4 | 2.6 | 1.7 | 80.2 | 94.5 | 32.3 | 7.4 | 1.6 | 26.8 | 10 | 1.3 | 39.2 |
| 50+ | 126763 | 87653 | 39110 | 0.9 | 1 | 0.6 | 67.6 | 92.5 | 11.8 | 8.7 | 2.3 | 23 | 22.7 | 4.1 | 64.5 |

## Table III.10a Proportion of Married Persons Aged 10 Years and Over in Agricultural Households by Sex, Age Group and Region (Rural + Urban)

| All Population in Agricultural HHs | Country Level | Tigry | Affar | Amhara | Oromia | Somali | Benishangul - Gumuz | SNNPR | Gambella | Harari | Addis Ababa City Adminstration | Dire Dawa Administrative Council |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Both Sexes | | | | | | | | | | | | |
| All Ages | 50.6 | 48.5 | 50.1 | 54.4 | 49.1 | 44.2 | 53.4 | 49.6 | 53 | 51.7 | 35.6 | 50.3 |
| 10 - 17 | 5.2 | 4.1 | 4.1 | 10.6 | 3.4 | 2 | 4.9 | 2.5 | 6.6 | 4.1 | 3.3 | 3.1 |
| 18 - 29 | 55.7 | 49.5 | 52.6 | 61.1 | 55.3 | 42.3 | 61.4 | 52.3 | 64.3 | 63.2 | 25.2 | 58.5 |
| 30 - 49 | 87.8 | 85.3 | 83.8 | 87.6 | 88.3 | 86.6 | 88.2 | 88.4 | 81.8 | 85.9 | 77.3 | 87 |
| 50+ | 71.4 | 69.2 | 64.3 | 71.8 | 71.1 | 66.1 | 72.4 | 72.6 | 57.9 | 55.8 | 70.6 | 65.8 |
| Male | | | | | | | | | | | | |
| All Ages | 48.7 | 47.8 | 46 | 52.9 | 46.8 | 41.2 | 50.4 | 47.5 | 49.9 | 52.1 | 35.1 | 49.4 |
| 10 - 17 | 2.2 | 1.4 | 1.7 | 4.5 | 1.5 | 0.8 | 1.6 | 1.3 | 2 | 2.2 | 1.2 | 1.9 |
| 18 - 29 | 39.4 | 31 | 28.5 | 47.6 | 38.4 | 22.5 | 43.1 | 34.4 | 44.7 | 51.5 | 16.9 | 40.1 |
| 30 - 49 | 92 | 92.1 | 83.6 | 93 | 91.5 | 88.1 | 91.9 | 91.9 | 90 | 90.8 | 79.6 | 91.8 |
| 50+ | 91 | 90.4 | 83.7 | 90.5 | 90.8 | 89.8 | 89.2 | 92.7 | 82.5 | 85.4 | 88.7 | 86.9 |
| Female | | | | | | | | | | | | |
| All Ages | 52.5 | 49.2 | 54.6 | 55.9 | 51.4 | 47.5 | 56.5 | 51.6 | 55.9 | 51.4 | 36 | 51.3 |
| 10 - 17 | 8.4 | 7.1 | 6.8 | 17.5 | 5.5 | 3.4 | 8.4 | 3.8 | 11.6 | 6.1 | 5.3 | 4.3 |
| 18 - 29 | 70.7 | 66.1 | 72.3 | 73.9 | 71.4 | 63.6 | 76.7 | 67.4 | 79.2 | 73.1 | 34 | 74.1 |
| 30 - 49 | 84 | 79.6 | 84 | 82.2 | 85.3 | 85.2 | 84.6 | 85.3 | 74.3 | 80.8 | 75.3 | 82.2 |
| 50+ | 47 | 43.3 | 33.2 | 47.9 | 47.3 | 33.3 | 48.2 | 47.7 | 29.9 | 32.4 | 48.7 | 41.3 |

## Summary Table III.10b Proportion of Married Persons Aged 10 Years and Over in Agricultural Households by Sex, Age Group and Region (Rural Areas)

| All Population in Agricultural HHs | Country Level | Tigry | Affar | Amhara | Oromia | Somali | Benishangul Gumuz | SNNPR | Gambella | Harari | Addis Ababa City Administration | Dire Dawa Administrative Council |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Both Sexes | | | | | | | | | | | | |
| All Ages | 51 | 48.8 | 50.5 | 54.7 | 49.5 | 44.8 | 53.8 | 49.9 | 53.3 | 53.5 | 38.3 | 52.6 |
| 10 - 17 | 5.3 | 4.1 | 4.3 | 10.8 | 3.5 | 2 | 5.1 | 2.5 | 6.8 | 4.4 | 3.6 | 3 |
| 18 - 29 | 56.5 | 49.9 | 54.5 | 61.7 | 56 | 44 | 61.9 | 52.8 | 64.6 | 67.8 | 36.7 | 64.1 |
| 30 - 49 | 88 | 85.5 | 84 | 87.7 | 88.5 | 87.1 | 88.2 | 88.5 | 81.7 | 87.3 | 78.7 | 88.1 |
| 50+ | 71.6 | 69.4 | 63.3 | 72 | 71.4 | 66.1 | 72.6 | 72.7 | 57.7 | 55.2 | 66 | 67.4 |
| Male | | | | | | | | | | | | |
| All Ages | 49 | 48 | 45.8 | 53.2 | 47.1 | 41.6 | 50.6 | 47.7 | 50.4 | 54.1 | 37 | 51.5 |
| 10 - 17 | 2.3 | 1.4 | 1.8 | 4.5 | 1.5 | 0.7 | 1.7 | 1.3 | 1.9 | 2.3 | 0.4 | 1.8 |
| 18 - 29 | 40.1 | 31.4 | 29.8 | 48.1 | 39 | 23.5 | 43.7 | 34.9 | 45.3 | 56.5 | 24.9 | 45.6 |
| 30 - 49 | 92.1 | 92.2 | 83.1 | 93.1 | 91.6 | 88.4 | 91.7 | 92 | 89.8 | 92.2 | 82.9 | 92.6 |
| 50+ | 91.1 | 90.5 | 83 | 90.6 | 90.9 | 89.9 | 89.2 | 92.8 | 82.3 | 86 | 88.7 | 87.3 |
| Female | | | | | | | | | | | | |
| All Ages | 53 | 49.5 | 55.7 | 56.4 | 51.9 | 48.5 | 57.1 | 52 | 56 | 53.1 | 39.7 | 53.7 |
| 10 - 17 | 8.6 | 7.2 | 7.3 | 17.9 | 5.6 | 3.5 | 8.8 | 3.8 | 12.1 | 6.6 | * | 4.2 |
| 18 - 29 | 71.6 | 66.6 | 75 | 74.7 | 72.3 | 66.3 | 77.5 | 68 | 79.1 | 77.1 | 50.4 | 79.1 |
| 30 - 49 | 84.3 | 80 | 85.1 | 82.4 | 85.6 | 85.9 | 84.8 | 85.5 | 74.5 | 82 | 74.3 | 83.3 |
| 50+ | 47.2 | 43.5 | 32.8 | 48.1 | 47.5 | 32.8 | 48.4 | 47.9 | 29.4 | 31.5 | 40.8 | 43.8 |

## Summary Table III.10c Proportion of Married Persons Aged 10 Years and Over in Agricultural Households by Sex, Age Group and Region (Urban Areas)

| All Population in Agricultural HHs | Country Level | Tigray | Affar | Amhara | Oromia | Somali | Benishangul - Gumuz | SNNPR | Gambella | Harari | Addis Ababa City Administration | Dire Dawa Administrative Council |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Both Sexes | | | | | | | | | | | | |
| All Ages | 40 | 40 | 47.4 | 40.2 | 40.1 | 38.3 | 47.2 | 40.3 | 49.9 | 35.5 | 32.8 | 39.5 |
| 10 - 17 | 2.3 | 2.7 | 2.4 | 2.9 | 2.2 | 2 | 2.2 | 1.9 | 4.4 | 1.5 | 2.9 | 3.5 |
| 18 - 29 | 35.8 | 37.2 | 39.1 | 35.3 | 37.5 | 28 | 53 | 36.3 | 61 | 24.9 | 13.6 | 29.7 |
| 30 - 49 | 82.2 | 77.8 | 82.2 | 80.7 | 82.6 | 81.6 | 88.6 | 84.9 | 82.3 | 71.3 | 75.9 | 81.9 |
| 50+ | 66.5 | 63.8 | 70.3 | 66.5 | 65.8 | 65.9 | 69.2 | 68.2 | 61 | 60.1 | 74.3 | 57.2 |
| Male | | | | | | | | | | | | |
| All Ages | 40.2 | 40.7 | 46.9 | 41.6 | 40.2 | 37.1 | 48 | 39.7 | 45 | 35.2 | 33.2 | 39.1 |
| 10 - 17 | 1.5 | 1.8 | 1.1 | 1.6 | 1.4 | 1.8 | 1 | 1.3 | 2.6 | * | 2.1 | 2.5 |
| 18 - 29 | 20.2 | 17.5 | 19.4 | 20.5 | 21.8 | 14.4 | 30.9 | 20.2 | 38.4 | 15.1 | 8 | 14.4 |
| 30 - 49 | 87.7 | 87.9 | 86.8 | 87.8 | 87.6 | 84.8 | 94.8 | 89.3 | 92.2 | 74.4 | 75.8 | 87.4 |
| 50+ | 88.8 | 88.7 | 87.3 | 89.2 | 88.4 | 88.4 | 88.8 | 90.4 | 84.9 | 81.8 | 88.7 | 84.2 |
| Female | | | | | | | | | | | | |
| All Ages | 39.9 | 39.4 | 47.9 | 39 | 40.1 | 39.6 | 46.5 | 40.8 | 54.7 | 35.8 | 32.5 | 39.9 |
| 10 - 17 | 3.2 | 3.8 | 3.8 | 4.2 | 2.9 | 2.3 | 3.3 | 2.4 | 6.7 | 1.5 | 3.6 | 4.5 |
| 18 - 29 | 48.5 | 51.6 | 54.4 | 46.3 | 50.6 | 41.8 | 65.7 | 49.8 | 79.3 | 35.6 | 18.9 | 44.9 |
| 30 - 49 | 77.4 | 70.2 | 78 | 74.7 | 78.1 | 79 | 79.2 | 80.8 | 73.2 | 68.6 | 76.1 | 77.3 |
| 50+ | 41.4 | 37 | 36.3 | 40.8 | 41.5 | 37 | 40.9 | 42.4 | 36.6 | 39.7 | 55.4 | 28.8 |

## 3.3 Level of Education of the Population in Agricultural Households

Education is another important social characteristic that affects the well being of individuals or societies in general. Level of education is associated with the participation as well as the productivity of agriculture. Education improves knowledge and use of agricultural practices and applied technology in agricultural operations. Therefore, compiling and analyzing data on the educational attainment of the population in the agricultural households is essential for development planning.

The 2001/02 Agriculture Sample Enumeration of Ethiopia provides two types of data regarding education, namely, literacy status and educational attainment of persons aged 5 years or more. In the census a person is considered as literate if he/she can read and write simple sentence in any language. Educational attainment was obtained by asking individuals who can read and write concerning the highest grade completed and response were classified as non formal education and grades completed in the formal school system. Formal education /regular school/ is used to describe the educational system that provides a ladder by which individuals may progress from primary school through universities. On the other hand, the non-formal education that are entertained in this census includes those persons that were not in the formal schools such as self directed, or religious/socially directed learning or teachings to read and write, with any of the languages.

The population in the agricultural households aged 10 years and over in Ethiopia classified by sex, literacy status and level of education, holding status and type of holding and place of residence is presented in Summary Table III. 11. The level of education in this table is classified as: primary level education which include grades 1-6, and above primary level education.

The data in the table reveals that 34.9 percent of the population in the agricultural households of Ethiopia to be literate. The literacy level among the urban dwellers (69.8 percent) was more than two times higher than that of rural areas (33.5 percent). The census result also showed that,

relatively, more males than females to be literate in both rural and urban areas. For instance, in rural areas of the country, 46.2 percent of the males against 20.6 percent of the females were literate.

About 7.9 percent and 6.1 percent, respectively, of the rural and the urban population aged 10 years and over in agricultural household were able to read and write through non-formal education. Those who attained primary level education make up 22.1 percent and 36.8 percent of the population in agricultural households of the rural and urban areas, respectively. On the other hand, very small proportion (only 3.5 percent) of the population in the rural areas of agricultural households and a relatively higher proportion (27.1 percent) of the population in the urban agricultural households had attained an educational level of above primary school

The proportion of literates among the agricultural holders is higher than non-holders with glaring difference for females in urban areas. On the other hand, those who are only livestock holders are slightly better off in terms of level of education than those engaged in crop only and crop and livestock agriculture. The relatively high literacy level among those engaged in livestock only than those engaged in crop and livestock is expected in view of the fact that the former are significantly young age.

With respect to the proportion of literates, population in agricultural households of Addis Ababa City Administration has shown the highest level (59.8 percent) probably due to its mainly urban nature followed by Gambella Region (46.2 percent). The advantage of Addis Ababa City Administration and Gambella Region in this regard is registered for both members other than holders and agricultural holders (See Summary Table III.12). In almost all regions except Amhara livestock holders are more literate than the other types of holdings and a relatively higher proportion is observed in Addis Ababa City Administration, Southern Nations Nationalities and Peoples', and Benshangul-gumuz and Affar regions. Holders of crop only farmers were found to be more literate in Addis Ababa City Administration, Southern Nations Nationalities and Peoples' and Oromyia regions.

## Summary Table III.11 Distribution of Population in Agricultural Household Aged 10 Years and Over by Sex, Literacy Status and Educational Level, Holdings Status, Type of Holding and Place of Residence

| Level of Education and Sex | Total Population in Agricultural Household | Non-Holders | All Holders | Type of Holding | | |
|---|---|---|---|---|---|---|
| | | | | Crop Only | Livestock Only | Crop & Livestock |
| Rural + Urban | | | | | | |
| Male + Female | | | | | | |
| Total | 35834189 | 24352869 | 11481215 | 2030639 | 926069 | 8524508 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 65.1 | 65.6 | 64 | 67.6 | 57.9 | 63.9 |
| Non-Formal | 7.8 | 5.3 | 13.1 | 10.1 | 8.3 | 14.4 |
| Primary | 22.7 | 25.1 | 17.5 | 17.3 | 24.1 | 16.8 |
| Above Primary | 4.4 | 4 | 5.3 | 5 | 9.7 | 4.9 |
| Male | | | | | | |
| Total | 18070453 | 8729445 | 9340949 | 1520559 | 539670 | 7280721 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 52.6 | 46.6 | 58.2 | 59.1 | 43.8 | 59 |
| Non-Formal | 11.6 | 7.6 | 15.4 | 12.7 | 11.1 | 16.3 |
| Primary | 29.5 | 39.4 | 20.2 | 21.8 | 31.4 | 19.1 |
| Above Primary | 6.3 | 6.5 | 6.2 | 6.3 | 13.8 | 5.6 |
| Female | | | | | | |
| Total | 17763736 | 15623424 | 2140266 | 510080 | 386399 | 1243787 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 77.8 | 76.2 | 89.7 | 92.9 | 77.5 | 92.2 |
| Non-Formal | 3.9 | 4 | 3.2 | 2.4 | 4.5 | 3.1 |
| Primary | 15.8 | 17.2 | 5.5 | 3.7 | 14 | 3.7 |
| Above Primary | 2.5 | 2.6 | 1.5 | 1.1 | 3.9 | 0.9 |
| Rural | | | | | | |
| Male + Female | | | | | | |
| Total | 34468922 | 23355673 | 11113143 | 1981604 | 763057 | 8368482 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 66.5 | 67.2 | 64.9 | 68.2 | 62.4 | 64.3 |
| Non-Formal | 7.9 | 5.3 | 13.2 | 10.1 | 7.7 | 14.4 |
| Primary | 22.1 | 24.4 | 17.3 | 17.1 | 24.7 | 16.7 |
| Above Primary | 3.5 | 3 | 4.6 | 4.6 | 5.2 | 4.6 |
| Male | | | | | | |
| Total | 17411740 | 8344095 | 9067586 | 1484106 | 430284 | 7153197 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 53.8 | 48.1 | 59 | 59.8 | 49.1 | 59.5 |
| Non-Formal | 11.8 | 7.8 | 15.5 | 12.8 | 10.6 | 16.4 |
| Primary | 29.1 | 38.9 | 20.1 | 21.7 | 33 | 18.9 |
| Above Primary | 5.3 | 5.3 | 5.4 | 5.8 | 7.3 | 5.2 |

**Summary Table III.11 (Cont'd)**

| Level of Education and Sex | Total Population in Agricultural Household | Non-Holders | All Holders | Type of Holding | | |
|---|---|---|---|---|---|---|
| | | | | Crop Only | Livestock Only | Crop & Livestock |
| Female | | | | | | |
| Total | 17057181 | 15011578 | 2045557 | 497455 | 332774 | 1215286 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 79.4 | 77.9 | 90.7 | 93.3 | 79.5 | 92.6 |
| Non-Formal | 3.9 | 4 | 3 | 2.3 | 4 | 3 |
| Primary | 15 | 16.4 | 5.2 | 3.5 | 13.8 | 3.5 |
| Above Primary | 1.7 | 1.8 | 1.1 | 0.9 | 2.5 | 0.8 |
| Urban | | | | | | |
| Male + Female | | | | | | |
| Total | 1365268 | 997195 | 368072 | 49035 | 163012 | 156026 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 30.1 | 26.7 | 39.2 | 44.2 | 36.8 | 40.3 |
| Non-Formal | 6.1 | 4.2 | 11.3 | 10.4 | 11.1 | 11.7 |
| Primary | 36.8 | 41.9 | 22.8 | 23.3 | 21.6 | 24 |
| Above Primary | 27.1 | 27.2 | 26.6 | 22.1 | 30.6 | 24 |
| Male | | | | | | |
| Total | 658712 | 385349 | 273363 | 36452 | 109387 | 127524 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 19.8 | 13.5 | 28.6 | 33 | 22.8 | 32.4 |
| Non-Formal | 7.5 | 3.7 | 12.8 | 12.2 | 12.8 | 12.9 |
| Primary | 40.1 | 49.8 | 26.3 | 27.8 | 25.1 | 26.9 |
| Above Primary | 32.7 | 33 | 32.3 | 26.9 | 39.3 | 27.8 |
| Female | | | | | | |
| Total | 706555 | 611846 | 94709 | 12583 | 53625 | 28502 |
| | 100 | 100 | 100 | 100 | 100 | 100 |
| Illiterate | 39.6 | 34.9 | 69.8 | 76.4 | 65.1 | 75.8 |
| Non-Formal | 4.8 | 4.5 | 6.8 | 5.2 | 7.5 | 6.3 |
| Primary | 33.7 | 36.9 | 12.8 | 10.3 | 14.5 | 10.8 |
| Above Primary | 21.9 | 23.6 | 10.5 | 7.9 | 12.8 | 7.1 |

**Summary Table III.12 Proportion Literate Among Population in Agricultural Households Aged 10 Years and Over by Holding Status, Type of Holding, Region and Place of Residence**

| Region | Place of Residence | Total Population in Agricultural HHs | Total Holders | Type of Holding | | | Members other than holders |
|---|---|---|---|---|---|---|---|
| | | | | Crop Only | Livestock Only | Crop and Livestock | |
| Country Level | Rural + Urban | 34.9 | 35.9 | 32.4 | 42 | 36.1 | 34.4 |
| | Rural | 33.5 | 35.1 | 31.8 | 37.6 | 35.7 | 32.8 |
| | Urban | 69.8 | 60.7 | 55.9 | 63.2 | 59.7 | 73.2 |
| Tigray | Rural + Urban | 36.2 | 29.8 | 20.2 | 36.1 | 31.7 | 39.1 |
| | Rural | 35.1 | 29.2 | 19.8 | 32.8 | 31.4 | 37.9 |
| | Urban | 65.5 | 47 | 36.8 | 49.2 | 49.1 | 73.3 |
| Affar | Rural + Urban | 31.8 | 30.8 | 31.5 | 41.9 | 17.1 | 32.2 |
| | Rural | 27 | 27.5 | 30 | 38.6 | 16.3 | 26.7 |
| | Urban | 62.8 | 52.1 | 41.1 | 53.4 | 46.9 | 67.4 |
| Amhara | Rural + Urban | 29.3 | 31.2 | 23.8 | 31.3 | 33.1 | 28.4 |
| | Rural | 28.3 | 30.6 | 23.5 | 25.5 | 32.9 | 27.2 |
| | Urban | 67 | 57.5 | 47.4 | 61.9 | 53.9 | 70.6 |
| Oromia | Rural + Urban | 36 | 38.6 | 37.9 | 41.2 | 38.5 | 34.8 |
| | Rural | 34.4 | 37.6 | 37.3 | 34.5 | 37.9 | 32.9 |
| | Urban | 72 | 64.6 | 59.6 | 67 | 63.8 | 74.8 |
| Somali | Rural + Urban | 25.6 | 29.1 | 32.5 | 35.4 | 27 | 24.3 |
| | Rural | 22.2 | 27.7 | 31.4 | 31.2 | 26.6 | 20.1 |
| | Urban | 55.3 | 42.8 | 42.7 | 42.6 | 43.7 | 59.6 |
| Benishangul-Gumuz | Rural + Urban | 37 | 34.2 | 29.8 | 53.4 | 33.9 | 38.4 |
| | Rural | 34.8 | 32.4 | 29.4 | 42.2 | 32.9 | 36 |
| | Urban | 71.6 | 65.6 | 59.3 | 72.4 | 59.9 | 74 |
| SNNP | Rural + Urban | 39.6 | 39.6 | 39.3 | 55.3 | 37.8 | 39.6 |
| | Rural | 38.6 | 38.9 | 38.5 | 54 | 37.4 | 38.4 |
| | Urban | 70.8 | 63.5 | 64.1 | 69.5 | 60.2 | 73.4 |
| Gambella | Rural + Urban | 46.2 | 38.5 | 36.2 | 40.8 | 39.1 | 50.1 |
| | Rural | 44.6 | 37.7 | 36 | 35.4 | 38.6 | 48.1 |
| | Urban | 63.8 | 50.4 | 38.9 | 58.9 | 48.6 | 68.7 |
| Harari | Rural + Urban | 33.8 | 30.3 | 28.2 | 37.1 | 30.1 | 35.5 |
| | Rural | 29.1 | 27.8 | 23.6 | * | 29.3 | 29.8 |
| | Urban | 74.8 | 58.3 | 56 | 69.1 | 49.9 | 80.6 |
| Addis Ababa City Administration | Rural + Urban | 59.8 | 50.3 | 56.3 | 64.7 | 36.8 | 62.9 |
| | Rural | 40.7 | 41.1 | 55.5 | 61.9 | 33 | 40.6 |
| | Urban | 78.6 | 63.2 | 58.7 | 65.8 | 54.3 | 82.6 |
| Dire Dawa Administrative Council | Rural + Urban | 27.5 | 22.2 | 8.7 | 34 | 20 | 29.7 |
| | Rural | 21 | 18.6 | * | 12.6 | 19.8 | 22.1 |
| | Urban | 58.2 | 43.1 | 20 | 48.5 | 26.9 | 63.1 |

## 3.4 Work Status of the Population in Agricultural Households

All persons aged 10 years and over who are members of the agricultural households in both urban and rural areas were asked whether or not they have been engaged in productive activity during most of the 12 months prior to the census date. In the census, economic or productive activity was defined in terms of production of goods and services that fall within the United Nations System of National Accounts (SNA) production boundary (ILO, 1990). Hence, in the 2001/2002 Agricultural Sample Enumeration, economic activity or productive activity is defined as a work that involves the production of goods and/or services for sale or exchange and production of certain primary products for own consumption. According to the above general definition, economic activity covers production of goods and services intended for sale on the market, production of other goods and services such as government activities; production and processing of primary products (agriculture, hunting, fishing, forestry and logging; and mining and quarrying) for own consumption, processing of primary products by the producers themselves, production of other commodities where part of it is sold on the market; and own account construction and fixed asset formation (expected life use of one year or more). Such economic activities could be performed for an individual, family or private enterprise, government establishment or public organization. The remuneration may be on daily, weekly, monthly, yearly or contract basis.

For a person to be counted as working during most of the last 12 months, he/she has to be engaged in any kind of economic activity at least for half of the reference year. In the case of persons engaged in agriculture, it was decided to consider them as being engaged in economic activity during most of the last 12 months if they have worked during most of the main agricultural season of the reference year. The distribution of the country's population aged 10 years and over in agricultural households classified by sex, age group and work status is presented in Summary Table III.13. According to the census result, out of the total 35,834,189 persons aged 10 years and over who were members of the agricultural households in the country, about 73 percent were reported to have engaged in some kind of productive activity during the 12 months prior to the enumeration date. The proportion of working population among the male was relatively higher than that of females, that is, 84.3 percent of the males

## Summary Table III.13 Percentage Distribution of Population in Agricultural Households Aged 10 Years and Over by Sex, Age Group, Working Status* and Place of Residence

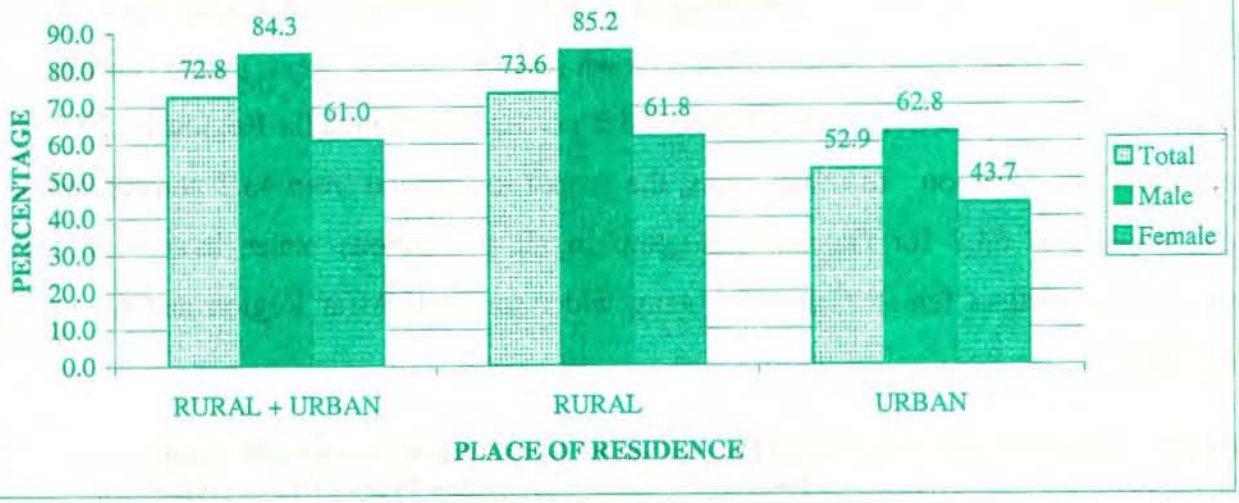
| Percent Not Working | RURAL + URBAN | | | | RURAL | | | | URBAN | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | | Percent Working | Percent Not Working | Total | | Percent Working | Percent Not Working | Total | | Percent Working | Percent Not Working |
| | No | % | | | No | % | | | No | % | | |
| Total | | | | | | | | | | | | |
| All Ages | 35,834,189 | 100 | 72.8 | 27.1 | 34,468,922 | 100 | 73.6 | 26.3 | 1,365,268 | 100 | 52.9 | 46.7 |
| 10-17 | 11,253,488 | 100 | 58.3 | 41.4 | 10,780,672 | 100 | 59.8 | 39.9 | 472,816 | 100 | 22.1 | 76.9 |
| 18-29 | 9,900,666 | 100 | 78.2 | 21.7 | 9,535,653 | 100 | 79.1 | 20.9 | 365,014 | 100 | 54.8 | 45.1 |
| 30-40 | 9,433,290 | 100 | 83.7 | 16.3 | 9,087,940 | 100 | 83.8 | 16.2 | 345,350 | 100 | 80.8 | 19.2 |
| 50+ | 5,246,745 | 100 | 74.2 | 25.6 | 5,064,657 | 100 | 74.1 | 25.7 | 182,088 | 100 | 76.3 | 23.3 |
| Male | | | | | | | | | | | | |
| All Ages | 18,070,453 | 100 | 84.3 | 15.5 | 17,411,740 | 100 | 85.2 | 14.7 | 658,712 | 100 | 62.8 | 36.8 |
| 10-17 | 5,906,415 | 100 | 66.3 | 33.4 | 5,670,891 | 100 | 67.9 | 31.8 | 235,524 | 100 | 27.0 | 72.0 |
| 18-29 | 4,746,843 | 100 | 89.8 | 10.1 | 4,582,387 | 100 | 90.8 | 9.2 | 164,456 | 100 | 64.1 | 35.8 |
| 30-40 | 4,509,769 | 100 | 98.4 | 1.6 | 4,347,374 | 100 | 98.4 | 1.5 | 162,395 | 100 | 96.8 | 3.2 |
| 50+ | 2,907,427 | 100 | 90.4 | 9.5 | 2,811,089 | 100 | 90.3 | 9.5 | 96,338 | 100 | 90.8 | 9.0 |
| Female | | | | | | | | | | | | |
| All Ages | 17,763,736 | 100 | 61.0 | 38.8 | 17,057,181 | 100 | 61.8 | 38.1 | 706,555 | 100 | 43.7 | 55.9 |
| 10-17 | 5,347,073 | 100 | 49.4 | 50.3 | 5,109,782 | 100 | 50.9 | 48.9 | 237,291 | 100 | 17.3 | 81.7 |
| 18-29 | 5,153,823 | 100 | 67.5 | 32.5 | 4,953,265 | 100 | 68.3 | 31.7 | 200,558 | 100 | 47.2 | 52.8 |
| 30-40 | 4,923,522 | 100 | 70.2 | 29.8 | 4,740,566 | 100 | 70.4 | 29.6 | 182,956 | 100 | 66.5 | 33.5 |
| 50+ | 2,339,318 | 100 | 54.1 | 45.7 | 2,253,568 | 100 | 53.9 | 45.9 | 85,750 | 100 | 60.1 | 39.5 |

*Percentages of persons who do not state their Work Status are not shown in the table

against 61 percent among the females were engaged in productive activity during the 12 months prior to the survey date.

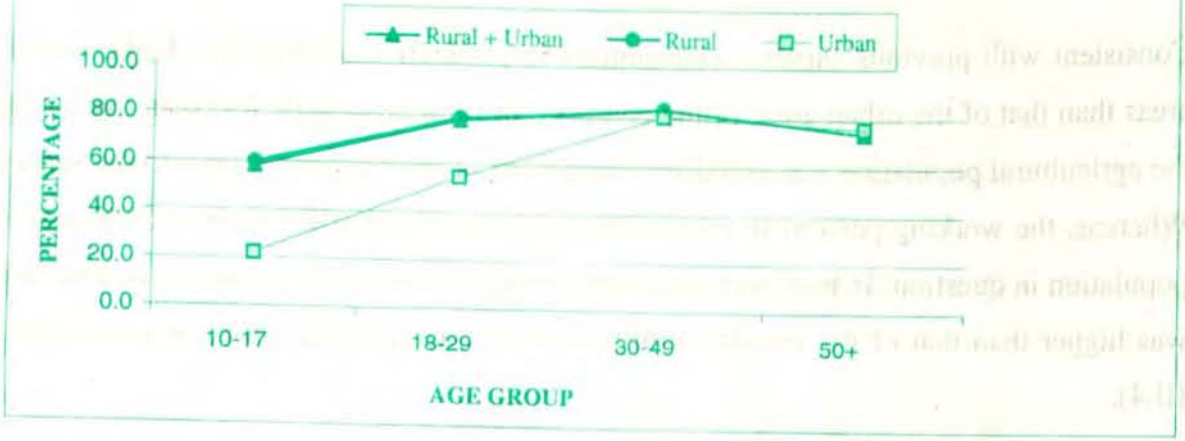
Consistent with previous surveys, engagement in productive activity was higher in the rural areas than that of the urban areas of the country. In rural areas little less than three-fourths of the agricultural population was working during most of the 12 months prior to the survey date. Whereas, the working persons in urban areas of Ethiopia constituted about 53 percent of the population in question. In both rural and urban areas, the proportion working among the males was higher than that of the females with a wider gender disparity in rural areas (See Figure III.4).

**Figure III.4 Working Population by Sex and Place of Residence**




As can be seen from Figure III.5 engagement in productive activity in the country was highest for persons of middle age (30 -49 years). As expected, the proportion working was lowest for the children aged 10-17 years. This phenomenon holds true for both the males and the females in rural well as in urban areas. One special feature in urban areas of Ethiopia is that the proportion of the working children aged 10-17 years was very low compared to those persons in the upper age groups and this could be due to school attendance by children in this age group (See Figure III.5).

Figure III.5 Proportion Working by Age Group and Place of Residence




Summary Table III.14 presents the proportion of working population in agricultural households by region, place of residence and sex. The levels of engagement in productive activity showed some variation between regions. In rural areas, the proportion engaged in productive activity ranged from 55.3 percent for Gambella Region to 79.5 percent for Tigray Region. In urban areas, the proportion ranged from 43.7 percent for Somali Region to 63.8 for Gambella Region. In all the regions males have higher engagement level than females, the gap being wider for rural Affar Region and urban Somali Region.

**Summary Table III.14 Proportion of Population in Agricultural Households Aged 10 Years and Over Who Were Engaged in Productive Activities by Sex, Place of Residence and Regions**

| Regions | Rural + Urban | | | Rural | | | Urban | | |
|---|---|---|---|---|---|---|---|---|---|
| | Both Sexes | Male | Female | Both Sexes | Male | Female | Both Sexes | Male | Female |
| **Country Level** | 72.8 | 84.5 | 61.1 | 73.6 | 85.2 | 61.8 | 52.9 | 62.8 | 43.7 |
| Tigray Region | 79.5 | 86.3 | 72.9 | 80.6 | 87.2 | 73.9 | 50.7 | 57.2 | 44.8 |
| Affar | 61.9 | 79.3 | 43.2 | 64.3 | 81.7 | 45.0 | 46.5 | 62.0 | 31.3 |
| Amhara | 78.7 | 88.6 | 68.2 | 79.3 | 89.1 | 68.8 | 55.6 | 66.2 | 45.9 |
| Oromyia | 69.0 | 82.7 | 55.2 | 69.7 | 83.4 | 55.7 | 53.4 | 63.2 | 44.2 |
| Somali | 65.6 | 86.5 | 42.1 | 68.1 | 90.2 | 42.8 | 43.7 | 51.0 | 36.1 |
| Benshangul-Gumuz | 73.8 | 77.9 | 69.9 | 75.7 | 79.0 | 72.3 | 43.9 | 58.0 | 30.4 |
| S.N.N.P | 71.3 | 82.5 | 60.7 | 71.8 | 82.9 | 61.2 | 54.3 | 64.6 | 44.6 |
| Gambella | 55.3 | 71.8 | 40.4 | 54.5 | 72.0 | 38.6 | 63.8 | 68.8 | 59.0 |
| Harari | 60.3 | 80.8 | 41.0 | 61.6 | 83.6 | 40.8 | 49.1 | 55.3 | 42.8 |
| Addis Ababa City Administration | 58.8 | 70.0 | 47.7 | 73.2 | 83.6 | 61.9 | 44.5 | 55.3 | 34.3 |
| Dire Dawa Administrative Council | 69.1 | 78.8 | 59.5 | 73.1 | 83.4 | 62.9 | 49.7 | 56.0 | 43.6 |

## 3.5 Reason for Not Working

The distribution of non-working population in agricultural households by main reason for not working and selected background variables is presented in Summary Table III.15. In both the rural and the urban areas of the region, the two most important reasons for not working were attending school or being a student and home making, together constituting 84 percent (33.7% + 50.3%). Disability or illness, and old age had very little contribution. The patterns, in the rural and the urban areas are not similar, homemakers constitutes the majority (51.9 percent) of non working population in rural areas, while students dominated in urban areas (62.2 percent). The distribution of reasons for not working among the male population was

**Summary Table III.15 Non-Working Population in Agricultural Households by Reason for Not Working and Some Background Variables**

| Back ground Variables | Reason for not Working | | | | | |
|---|---|---|---|---|---|---|
| | Total not Working | Student | Home Maker | Disabled /ill | Old Age/ Pension | Others |
| All Persons | 9,697,348 | 33.7 | 50.3 | 2.7 | 7.8 | 5.5 |
| **Place of Residence** | | | | | | |
| Rural | 9,060,101 | 31.7 | 51.9 | 2.8 | 8.1 | 5.6 |
| **Sex** | 637,247 | 62.2 | 28.5 | 1.1 | 3.5 | 4.7 |
| Male | | | | | | |
| Female | 2,799,911 | 69.9 | 10.4 | 4.1 | 7.2 | 8.4 |
| **Age** | 6,897,438 | 19.0 | 66.5 | 2.1 | 8.1 | 4.3 |
| 10-17 | | | | | | |
| 18 - 29 | 4,661,624 | 58.1 | 36.0 | 1.1 | 0.1 | 4.6 |
| 30 - 49 | 2,153,353 | 24.9 | 67.2 | 2.6 | 0.2 | 5.1 |
| 50+ | 1,537,569 | 0.9 | 86.1 | 4.2 | 1.2 | 7.6 |
| | 1,344,802 | 0.3 | 32.0 | 6.6 | 54.0 | 7.0 |
| **Region** | | | | | | |
| Tigray | 477,343 | 46.3 | 32.5 | 4.6 | 9.0 | 7.5 |
| Affar | 38,857 | 32.3 | 57.1 | 1.8 | 6.1 | 2.6 |
| Amhara | 2,108,562 | 34.4 | 45.9 | 4.4 | 9.1 | 6.1 |
| Oromia | 4,386,905 | 32.5 | 52.1 | 2.1 | 8.1 | 5.2 |
| Somali | 140,851 | 16.8 | 70.3 | 1.5 | 7.3 | 4.1 |
| Benishangul-Gumuz | 107,735 | 55.5 | 30.8 | 2.2 | 5.5 | 5.9 |
| SNNP | 2,305,590 | 31.8 | 54.7 | 2.1 | 6.0 | 5.3 |
| Gambella | 46,702 | 45.1 | 47.3 | 0.8 | 4.0 | 2.8 |
| Harari | 18,787 | 29.7 | 56.4 | 0.8 | 9.4 | 3.7 |
| Addis Ababa City Adminstration | 46,747 | 60.9 | 28.2 | 1.1 | 3.1 | 6.8 |
| Dire Dawa Administrative Council | 19,272 | 33.6 | 49.7 | 0.8 | 9.9 | 6.0 |

different from that of the females. Students make up the overwhelming majority (69.9 percent) among non-working males while homemaking was the major (66.5 percent) reason for not working among the females.

The pattern of reason for not working varies between age groups. As expected students make up the majority (about 58.1 percent) of non-working population aged 10-17 years, while students and homemakers were important reasons among those aged 18-29 years, contributing 24.9 percent and 67.2 percent, respectively. On the other hand, homemakers constituted the majority (86.1 percent) of non-working population aged 30-49 years, while old age/pension was the major reason for not working among those aged 50 years and above.

## 3.6 Type of Occupation for Working population

Data on type of occupation was collected for all persons who have reported to have been engaged in productive activity during most of the last 12 months. The response to the question is classified as fully agricultural, partially agricultural and non-agricultural. This information provides the extent to which the agricultural population is engaged in other activities.

Summary Table III.16 presents the distribution of the population aged 10 years and over in the agricultural households who were engaged in productive activity by type of occupation and background variables. The census result showed that about 80.8 percent of the population in agricultural households aged 10 years and over was engaged in fully agricultural activities, while only 16.6 percent of the population was engaged in partially agricultural activities. The proportion of population engaged only in non-agricultural activities was very small amounting only to 2.6 percent. As expected, in urban areas the proportion engaged in partially agricultural activities or non-agricultural activities was larger than those who were engaged in fully agricultural activities.

**Summary Table III.16 Percentage Distribution of Population in Agricultural Households Engaged in Productive Activities by Type of Occupation and Some Background Variables**

| Back ground Variables | Total Working | | Fully Agricultural | Partially Agricultural | Non-Agricultural |
|---|---|---|---|---|---|
| | No. | % | | | |
| All Persons | 26,084,337 | 100 | 80.8 | 16.6 | 2.6 |
| **Place of Residence** | | | | | |
| Rural | 25,361,715 | 100 | 81.9 | 16.0 | 2.1 |
| Urban | 722,621 | 100 | 41.9 | 38.1 | 20.0 |
| **Sex** | | | | | |
| Male | 15,241,537 | 100 | 87.2 | 11.3 | 1.5 |
| Female | 10,842,799 | 100 | 71.9 | 24.0 | 4.1 |
| **Age** | | | | | |
| 10-17 | 6,555,828 | 100 | 77.6 | 20.1 | 2.3 |
| 18 - 29 | 7,741,920 | 100 | 78.5 | 17.8 | 3.7 |
| 30 - 49 | 7,893,769 | 100 | 82.2 | 15.5 | 2.3 |
| 50+ | 3,892,820 | 100 | 88.1 | 10.7 | 1.2 |
| **Regions** | | | | | |
| Tigray | 1,866,123 | 100 | 93.4 | 5.4 | 1.2 |
| Affar | 63,335 | 100 | 77.9 | 15.6 | 6.5 |
| Amhara | 7,808,147 | 100 | 85.2 | 13.7 | 1.1 |
| Oromia | 9,823,129 | 100 | 77.9 | 19.5 | 2.6 |
| Somali | 268,841 | 100 | 74.1 | 21.8 | 4.1 |
| Benishangul-Gumuz | 304,694 | 100 | 75.9 | 22.4 | 1.6 |
| SNNPR | 5,753,332 | 100 | 77.1 | 18.4 | 4.5 |
| Gambella | 58,087 | 100 | 63.6 | 31.3 | 5.1 |
| Harari | 28,585 | 100 | 76.5 | 10.6 | 12.9 |
| Addis Ababa City Adminstration | 66,949 | 100 | 44.0 | 34.1 | 21.9 |
| Dire Dawa Admistrative Council | 43,115 | 100 | 71.8 | 20.4 | 7.8 |

Similar pattern of type of occupation was observed among the males and the females. Also there was little variation by age in the type of occupation. The majority of working population in Tigray Region followed by Amhara Region were engaged in fully agricultural activities, while in most of the regions more than three-fourths of were participated in fully agricultural activities. However, the proportion ranged from 44 percent for Addis Ababa City Administration to 77.9 percent for Affar and Oromia Regions. Addis Ababa City Administration and Harari Region depicted relatively higher proportion of non-agricultural population compared to the other regions (See Summary Table III.16).

## 3.7 Employment Status of Population Engaged in Agricultural Activities

Employment status of working population indicates the level of involvement and degree of decision-making in the respective activities. In this sample enumeration persons engaged in fully or partially agricultural activities were asked to report the employment status in that activity.

According to the data presented in Summary Table III.17, unpaid family workers constituted the highest proportion (56 percent) of the population in agricultural households who were engaged in agricultural activities at country level. The data further shows that about 38 percent of the working population were own account workers working in their farms working alone or with the help of family members but with out hiring labor. The proportion who hires others in their farm was only about 4 percent, showing the low capacity of the country's agricultural industry to create employment opportunity for non-holders. On the other hand, only 2.6 percent of the population in agricultural households engaged in agricultural activities were employees.

The tendency to work for family with out payment is more common in rural than urban areas of the country (i.e. 56.5 percent in rural areas against 37.4 percent in urban areas). Also, being employer is relatively higher in the urban areas than the rural areas. The overwhelming majority (81.9 percent) of female respondents in agricultural households who were engaged in agricultural activities were unpaid family workers, while self-employment (own account workers) was relatively the common type of employment status (53.1 percent) among males, showing the dominance of males over females in the tradition/culture of the society. As in the case of other variables, the distributions by employment status of the population in agricultural households showed some variation among the regions (See Summary Table III.17).

**Summary Table III.17 Percentage Distribution of Population in Agricultural Households Engaged in Agricultural Activities by Employment Status and Some Background Variables**

| Place of Residence Age/Sex | Total Engaged in Agricultural Activities | | Employer | Own Account Worker | Employee | Unpaid Family Worker | Others |
|---|---|---|---|---|---|---|---|
| | No | % | | | | | |
| All Persons | 25,414,190 | 100 | 3.6 | 37.8 | 2.6 | 56.0 | 0.1 |
| **Place of Residence** | | | | | | | |
| Rural | 24,836,305 | 100 | 3.5 | 37.4 | 2.5 | 56.5 | 0.1 |
| Urban | 577,885 | 100 | 6.7 | 52.6 | 3.3 | 37.4 | 0.1 |
| **Sex** | | | | | | | |
| Male | 15,016,760 | 100 | 4.9 | 53.1 | 3.8 | 38.1 | 0.1 |
| Female | 10,397,429 | 100 | 1.6 | 15.6 | 0.8 | 81.9 | * |
| **Age** | | | | | | | |
| 10-17 | 6,403,277 | 100 | 0.2 | 1.9 | 4.4 | 93.5 | * |
| 18 - 29 | 7,452,708 | 100 | 1.9 | 27.6 | 3.6 | 66.8 | 0.1 |
| 30 - 49 | 7,712,308 | 100 | 5.4 | 59.1 | 1.0 | 34.5 | * |
| 50+ | 3,845,897 | 100 | 8.7 | 74.7 | 0.5 | 16.0 | 0.1 |
| **Region** | | | | | | | |
| Tigray | 3,201,112 | 100 | 4.6 | 36.9 | 3.3 | 55.2 | * |
| Affar | 3,371,495 | 100 | 3.0 | 33.6 | 2.5 | 60.8 | * |
| Amhara | 2,072,940 | 100 | 3.8 | 38.1 | 1.9 | 56.1 | * |
| Oromia | 4,066,309 | 100 | 3.3 | 37.2 | 1.4 | 58.0 | * |
| Somali | 2,360,009 | 100 | 3.8 | 36.8 | 3.2 | 56.1 | 0.1 |
| Benishangul-Gumuz | 1,983,035 | 100 | 3.8 | 40.2 | 4.1 | 51.8 | * |
| SNNPR | 2,017,484 | 100 | 5.1 | 34.3 | 4.7 | 55.9 | * |
| Gambella | 826,916 | 100 | 1.4 | 37.0 | 0.4 | 61.2 | * |
| Harari | 52,146 | 100 | 0.6 | 41.8 | * | 57.4 | - |
| Addis Ababa City Administration | 20,347 | 100 | 0.6 | 38.1 | * | 61.1 | * |
| Dire Dawa Administrative Council | 95,209 | 100 | 2.7 | 30.1 | 0.7 | 66.4 | * |

# STATISTICAL TABLES PRESENTING RESULTS AT COUNTRY AND REGIONAL LEVELS

**Tables 3.1-3.5**

**Table 3.1 Distribution of Population in Agricultural Household by Status and Type of Holding, Percent Female, Rural and Urban Areas and Regions**

| Geographic Area | Total Population in Agricultural HHs | | All Non-Holders | | Agricultural Holders | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | All Holders | | Type of Holdings | | | | | |
| | | | | | | | Crop Only | | Livestock only | | Crop & Livestock | |
| | Total | % Female | Total | % Female | Total | % Female | Total | % Female | Total | % Female | Total | % Female |
| Country Level | | | | | | | | | | | | |
| Rural + Urban | 54,548,079 | 49.5 | 43,040,694 | 57.8 | 11,507,385 | 18.7 | 2,032,026 | 25.1 | 948,573 | 41.6 | 8,526,786 | 14.6 |
| Rural | 52,660,922 | 49.5 | 41,521,990 | 57.8 | 11,138,932 | 18.4 | 1,982,985 | 25.1 | 785,189 | 43.4 | 8,370,757 | 14.5 |
| Urban | 1,887,157 | 51.3 | 1,518,704 | 57.5 | 368,453 | 25.7 | 49,041 | 25.7 | 163,384 | 32.9 | 156,028 | 18.3 |
| Tigray Region | | | | | | | | | | | | |
| Rural + Urban | 3,488,777 | 49.6 | 2,748,861 | 56.1 | 739,917 | 25.3 | 145,477 | 47.2 | 54,877 | 47.1 | 539,563 | 17.2 |
| Rural | 3,374,403 | 49.5 | 2,658,783 | 56.1 | 715,620 | 25.0 | 141,301 | 47.2 | 44,035 | 48.5 | 530,284 | 17.1 |
| Urban | 114,374 | 51.8 | 90,077 | 56.3 | 24,297 | 35.2 | 4,176 | 47.3 | 10,841 | 41.4 | 9,279 | 22.5 |
| Affar Region | | | | | | | | | | | | |
| Rural + Urban | 142,113 | 47.8 | 111,406 | 56.8 | 30,707 | 15.0 | 1,988 | 10.5 | 15,795 | 19.7 | 12,924 | 10.0 |
| Rural | 124,083 | 47.4 | 97,532 | 56.5 | 26,551 | 13.9 | 1,730 | 11.4 | 12,235 | 18.2 | 12,587 | 10.1 |
| Urban | 18,030 | 50.5 | 13,875 | 59.1 | 4,155 | 21.8 | 258 | 4.3 | 3,560 | 24.7 | 337 | 4.5 |
| Amhara Region | | | | | | | | | | | | |
| Rural + Urban | 14,726,570 | 48.8 | 11,470,802 | 57.7 | 3,255,768 | 17.8 | 622,919 | 31.9 | 249,427 | 41.5 | 2,383,422 | 11.6 |
| Rural | 14,382,773 | 48.8 | 11,198,950 | 57.7 | 3,183,823 | 17.5 | 614,471 | 31.9 | 210,120 | 43.3 | 2,359,232 | 11.5 |
| Urban | 343,797 | 51.9 | 271,852 | 58.4 | 71,945 | 27.1 | 8,449 | 33.0 | 39,306 | 31.9 | 24,190 | 17.2 |
| Oromia Region | | | | | | | | | | | | |
| Rural + Urban | 22,044,650 | 49.5 | 17,623,242 | 57.7 | 4,421,408 | 16.6 | 804,756 | 16.7 | 332,593 | 43.3 | 3,284,060 | 13.9 |
| Rural | 21,207,672 | 49.4 | 16,949,694 | 57.7 | 4,257,978 | 16.3 | 783,143 | 16.6 | 265,115 | 45.6 | 3,209,719 | 13.8 |
| Urban | 836,978 | 51.3 | 673,548 | 57.7 | 163,431 | 25.1 | 21,612 | 21.2 | 67,478 | 34.4 | 74,340 | 17.8 |
| Somali Region | | | | | | | | | | | | |
| Rural + Urban | 622,562 | 47.5 | 508,652 | 54.5 | 113,910 | 16.5 | 12,100 | 20.2 | 20,464 | 33.4 | 81,346 | 11.7 |
| Rural | 561,107 | 47.4 | 458,015 | 54.7 | 103,092 | 14.9 | 10,940 | 19.8 | 12,932 | 31.6 | 79,220 | 11.4 |
| Urban | 61,455 | 48.7 | 50,637 | 52.2 | 10,817 | 32.4 | 1,160 | 23.6 | 7,532 | 36.4 | 2,126 | 23.0 |

Table 3.1 (Cont'd)

| Geographic Area | Total Population in Agricultural HHs | | All Non-Holders | | Agricultural Holders | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | All Holders | | Type of Holdings | | | | | |
| | | | | | | | Crop Only | | Livestock only | | Crop & Livestock | |
| | Total | % Female | Total | % Female | Total | % Female | Total | % Female | Total | % Female | Total | % Female |
| Benishangul-Gumuz Region | | | | | | | | | | | | |
| Rural + Urban | 621,674 | 49.6 | 485,089 | 58.9 | 136,585 | 16.8 | 32,260 | 22.2 | 8,987 | 35.1 | 95,337 | 13.3 |
| Rural | 587,359 | 49.5 | 457,881 | 58.8 | 129,478 | 16.8 | 31,856 | 22.4 | 5,718 | 42.3 | 91,905 | 13.3 |
| Urban | 34,315 | 51.8 | 27,208 | 60.8 | 7,107 | 17.0 | 405 | 10.4 | 3,269 | 22.5 | 3,433 | 12.6 |
| S.N.N.P Region | | | | | | | | | | | | |
| Rural + Urban | 12,431,842 | 50.5 | 9,719,424 | 58.6 | 2,712,418 | 21.4 | 399,024 | 23.9 | 246,142 | 40.8 | 2,067,252 | 18.7 |
| Rural | 12,057,752 | 50.5 | 9,414,016 | 58.6 | 2,643,736 | 21.4 | 387,336 | 23.9 | 226,826 | 41.9 | 2,029,574 | 18.7 |
| Urban | 374,090 | 51.1 | 305,408 | 57.6 | 68,682 | 22.0 | 11,688 | 21.9 | 19,316 | 28.2 | 37,678 | 18.8 |
| Gambela Region | | | | | | | | | | | | |
| Rural + Urban | 153,181 | 50.9 | 118,031 | 59.1 | 35,150 | 23.4 | 8,489 | 30.5 | 3,432 | 42.9 | 23,229 | 17.9 |
| Rural | 139,919 | 50.9 | 107,163 | 59.5 | 32,756 | 22.9 | 8,109 | 29.8 | 2,649 | 45.6 | 21,997 | 17.7 |
| Urban | 13,261 | 50.8 | 10,867 | 55.6 | 2,394 | 29.1 | 380 | 44.7 | 783 | 33.6 | 1,231 | 21.4 |
| Harari Region | | | | | | | | | | | | |
| Rural + Urban | 73,172 | 50.2 | 57,814 | 58.6 | 15,358 | 18.5 | 2,465 | 26.6 | 1,135 | 58.3 | 11,759 | 13.0 |
| Rural | 66,894 | 50.2 | 52,794 | 59.0 | 14,101 | 17.3 | 2,116 | 25.5 | 688 | 71.1 | 11,296 | 12.5 |
| Urban | 6,278 | 49.7 | 5,021 | 54.1 | 1,258 | 32.2 | 348 | 33.3 | 446 | 38.6 | 463 | 25.3 |
| Addis Ababa City Adminstration | | | | | | | | | | | | |
| Rural + Urban | 148,575 | 49.9 | 120,573 | 55.4 | 28,002 | 26.0 | 1,798 | 18.9 | 12,325 | 31.5 | 13,880 | 21.9 |
| Rural | 79,056 | 48.9 | 62,776 | 54.8 | 16,281 | 26.1 | 1,352 | 21.2 | 3,500 | 39.8 | 11,428 | 22.5 |
| Urban | 69,518 | 51.0 | 57,797 | 56.1 | 11,721 | 25.8 | 446 | 11.9 | 8,825 | 28.2 | 2,451 | 19.5 |
| Dire Dawa Adminstrative Council | | | | | | | | | | | | |
| Rural + Urban | 94,964 | 50.1 | 76,801 | 58.3 | 18,163 | 15.3 | 750 | 9.3 | 3,397 | 37.3 | 14,015 | 10.3 |
| Rural | 79,904 | 50.0 | 64,387 | 59.1 | 15,516 | 12.2 | 630 | * | 1,370 | 37.4 | 13,516 | 9.9 |
| Urban | 15,060 | 50.5 | 12,414 | 54.2 | 2,646 | 33.1 | 120 | 23.3 | 2,027 | 37.2 | 499 | 18.6 |

## Table 3.2 Average Household Size of Regions by Place of Residence and Sex of Head of Households

| Geographic Area | Rural + Urban | | | Rural | | | Urban | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Male Headed | Female Headed | Total | Male Headed | Female Headed | Total | Male Headed | Female Headed |
| Country Level | 5.2 | 5.4 | 3.8 | 5.1 | 5.4 | 3.8 | 5.3 | 5.6 | 4.1 |
| Tigray Region | 5.0 | 5.5 | 3.4 | 5.0 | 5.5 | 3.4 | 4.7 | 5.4 | 3.5 |
| Affar Region | 4.8 | 5.0 | 3.9 | 4.9 | 5.0 | 3.9 | 4.4 | 4.5 | 3.6 |
| Amhara Region | 4.8 | 5.1 | 3.3 | 4.8 | 5.1 | 3.3 | 4.9 | 5.3 | 3.7 |
| Oromia Region | 5.4 | 5.7 | 4.3 | 5.5 | 5.7 | 4.3 | 5.3 | 5.6 | 4.2 |
| Somali Region | 5.6 | 5.8 | 4.5 | 5.6 | 5.8 | 4.4 | 5.7 | 6.1 | 4.9 |
| Benishangul-Gumuz Region | 4.9 | 5.2 | 3.4 | 4.9 | 5.2 | 3.3 | 5.0 | 5.1 | 4.1 |
| S.N.N.P Region | 5.1 | 5.4 | 4.0 | 5.1 | 5.4 | 4.0 | 5.6 | 5.9 | 4.4 |
| Gambela Region | 4.8 | 5.0 | 4.0 | 4.7 | 4.9 | 3.9 | 5.6 | 5.9 | 4.8 |
| Harari Region | 5.0 | 5.2 | 3.7 | 5.0 | 5.2 | 3.6 | 5.0 | 5.4 | 4.2 |
| Addis Ababa City Adminstration | 5.8 | 6.1 | 4.8 | 5.6 | 5.9 | 4.6 | 6.0 | 6.3 | 5.0 |
| Dire Dawa Adminstrative Council | 5.3 | 5.5 | 4.0 | 5.3 | 5.5 | 3.8 | 5.7 | 6.1 | 4.7 |

## Table 3.3 Distribution of Population in Agricultural Households by Sex, Marital Status, Place of Residence and Regions

| Geographic Area | Total | | | Never Married | | | Married | | | Divorced | | | Widowed | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Both Sexes | Male | Female | Both Sexes | Male | Female | Male | Both Sexes | Female | Both Sexes | Male | Female | Both Sexes | Male | Female |
| Country Lvevel | | | | | | | | | | | | | | | |
| Rural + Urban | 35,834,189 | 18,070,453 | 17,763,736 | 40.7 | 47.6 | 33.6 | 50.6 | 48.7 | 52.5 | 3.7 | 2.3 | 5.1 | 4.9 | 1.2 | 8.6 |
| Rural | 34,468,922 | 17,411,740 | 17,057,181 | 40.3 | 47.3 | 33.2 | 51.0 | 49.0 | 53.0 | 3.7 | 2.3 | 5.0 | 4.9 | 1.2 | 8.6 |
| Urban | 1,365,268 | 658,712 | 706,555 | 50.7 | 56.5 | 45.2 | 40.0 | 40.2 | 39.9 | 4.0 | 1.7 | 6.2 | 4.9 | 1.2 | 8.3 |
| Tigray Region | | | | | | | | | | | | | | | |
| Rural + Urban | 2,346,254 | 1,172,421 | 1,173,833 | 40.7 | 48.5 | 32.9 | 48.5 | 47.8 | 49.2 | 4.8 | 2.1 | 7.4 | 5.9 | 1.4 | 10.4 |
| Rural | 2,264,432 | 1,133,603 | 1,130,829 | 40.4 | 48.2 | 32.6 | 48.8 | 48.0 | 49.5 | 4.7 | 2.1 | 7.2 | 5.9 | 1.5 | 10.4 |
| Urban | 81,822 | 38,817 | 43,005 | 46.7 | 55.2 | 38.9 | 40.0 | 40.7 | 39.4 | 7.1 | 2.3 | 11.5 | 5.6 | 1.2 | 9.6 |
| Affar Region | | | | | | | | | | | | | | | |
| Rural + Urban | 102,334 | 53,244 | 49,090 | 40.3 | 47.8 | 32.1 | 50.1 | 46.0 | 54.6 | 3.9 | 2.9 | 5.1 | 5.5 | 3.2 | 8.0 |
| Rural | 88,568 | 46,443 | 42,125 | 39.9 | 47.7 | 31.3 | 50.5 | 45.8 | 55.7 | 3.8 | 3.0 | 4.7 | 5.6 | 3.3 | 8.1 |
| Urban | 13,766 | 6,801 | 6,965 | 42.5 | 48.7 | 36.5 | 47.4 | 46.9 | 47.9 | 4.9 | 2.4 | 7.4 | 4.9 | 1.9 | 7.9 |
| Amhara Region | | | | | | | | | | | | | | | |
| Rural + Urban | 9,927,727 | 5,107,449 | 4,820,277 | 33.4 | 41.1 | 25.4 | 54.4 | 52.9 | 55.9 | 7.8 | 4.8 | 11.0 | 4.2 | 1.1 | 7.5 |
| Rural | 9,668,558 | 4,984,148 | 4,684,410 | 33.1 | 40.7 | 24.9 | 54.7 | 53.2 | 56.4 | 7.9 | 4.9 | 11.0 | 4.2 | 1.1 | 7.5 |
| Urban | 259,169 | 123,302 | 135,867 | 48.0 | 54.1 | 42.5 | 40.2 | 41.6 | 39.0 | 6.8 | 2.9 | 10.4 | 4.6 | 1.1 | 7.7 |
| Oromia Region | | | | | | | | | | | | | | | |
| Rural + Urban | 14,233,747 | 7,195,213 | 7,038,535 | 43.7 | 50.4 | 36.8 | 49.1 | 46.8 | 51.4 | 2.0 | 1.3 | 2.8 | 5.0 | 1.2 | 8.9 |
| Rural | 13,633,350 | 6,906,137 | 6,727,213 | 43.4 | 50.2 | 36.4 | 49.5 | 47.1 | 51.9 | 2.0 | 1.3 | 2.6 | 5.0 | 1.2 | 8.9 |
| Urban | 600,398 | 289,076 | 311,322 | 51.0 | 56.7 | 45.7 | 40.1 | 40.2 | 40.1 | 3.4 | 1.4 | 5.2 | 5.1 | 1.3 | 8.7 |
| Somali Region | | | | | | | | | | | | | | | |
| Rural + Urban | 410,112 | 217,275 | 192,837 | 47.9 | 55.1 | 39.8 | 44.2 | 41.2 | 47.5 | 2.1 | 1.5 | 2.7 | 5.7 | 2.1 | 9.8 |
| Rural | 367,753 | 195,745 | 172,008 | 47.4 | 54.6 | 39.1 | 44.8 | 41.6 | 48.5 | 2.0 | 1.6 | 2.6 | 5.7 | 2.1 | 9.8 |
| Urban | 42,359 | 21,530 | 20,829 | 52.7 | 59.3 | 45.9 | 38.3 | 37.1 | 39.6 | 2.6 | 1.4 | 4.0 | 6.1 | 1.9 | 10.4 |
| Benishangul-Gumuz Region | | | | | | | | | | | | | | | |
| Rural + Urban | 412,898 | 207,003 | 205,895 | 38.6 | 45.4 | 31.7 | 53.4 | 50.4 | 56.5 | 3.5 | 2.5 | 4.5 | 4.4 | 1.5 | 7.3 |
| Rural | 388,485 | 195,067 | 193,418 | 38.2 | 45.3 | 31.0 | 53.8 | 50.6 | 57.1 | 3.4 | 2.4 | 4.4 | 4.5 | 1.6 | 7.4 |
| Urban | 24,413 | 11,937 | 12,477 | 44.4 | 47.2 | 41.7 | 47.2 | 48.0 | 46.5 | 4.8 | 3.4 | 6.0 | 3.4 | 1.2 | 5.5 |

**Table 3.3 (Cont'd)**

| Geographic Area | Total | | | Never Married | | | Married | | | Divorced | | | Widowed | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Both Sexes | Male | Female | Both Sexes | Male | Female | Male | Both Sexes | Female | Both Sexes | Male | Female | Both Sexes | Male | Female |
| S.N.N.P Region | | | | | | | | | | | | | | | |
| Rural + Urban | 8,072,283 | 3,956,162 | 4,116,121 | 43.9 | 50.2 | 37.8 | 49.6 | 47.5 | 51.6 | 1.3 | 0.9 | 1.7 | 5.0 | 1.2 | 8.8 |
| Rural | 7,811,005 | 3,829,073 | 3,981,933 | 43.6 | 50.0 | 37.4 | 49.9 | 47.7 | 52.0 | 1.3 | 0.9 | 1.6 | 5.1 | 1.2 | 8.8 |
| Urban | 261,278 | 127,089 | 134,188 | 52.9 | 58.2 | 47.9 | 40.3 | 39.7 | 40.8 | 2.1 | 0.8 | 3.3 | 4.4 | 0.9 | 7.6 |
| Gambela Region | | | | | | | | | | | | | | | |
| Rural + Urban | 105,042 | 50,182 | 54,860 | 36.0 | 45.3 | 27.5 | 53.0 | 49.9 | 55.9 | 3.8 | 2.9 | 4.7 | 6.9 | 1.6 | 11.6 |
| Rural | 96,009 | 45,722 | 50,287 | 35.4 | 44.6 | 27.1 | 53.3 | 50.4 | 56.0 | 4.0 | 3.0 | 4.9 | 6.9 | 1.7 | 11.7 |
| Urban | 9,033 | 4,460 | 4,573 | 41.7 | 52.5 | 31.2 | 49.9 | 45.0 | 54.7 | 2.1 | 1.2 | 3.0 | 6.2 | 1.2 | 11.0 |
| Harari Region | | | | | | | | | | | | | | | |
| Rural + Urban | 47,411 | 23,090 | 24,320 | 37.3 | 43.2 | 31.8 | 51.7 | 52.1 | 51.4 | 2.7 | 2.3 | 3.1 | 8.0 | 2.1 | 13.6 |
| Rural | 42,553 | 20,643 | 21,910 | 35.7 | 41.4 | 30.2 | 53.5 | 54.1 | 53.1 | 2.6 | 2.3 | 2.9 | 7.9 | 1.8 | 13.6 |
| Urban | 4,857 | 2,447 | 2,411 | 52.2 | 58.6 | 45.6 | 35.5 | 35.2 | 35.8 | 3.5 | 2.1 | 4.9 | 8.8 | 4.0 | 13.7 |
| Addis Ababa City Adminstration | | | | | | | | | | | | | | | |
| Rural + Urban | 113,948 | 57,313 | 56,635 | 56.7 | 62.0 | 51.4 | 35.6 | 35.1 | 36.0 | 2.9 | 1.7 | 4.0 | 4.6 | 0.9 | 8.3 |
| Rural | 56,589 | 29,367 | 27,223 | 53.5 | 60.1 | 46.4 | 38.3 | 37.0 | 39.7 | 2.9* | | 3.6 | 5.2 | 0.6 | 10.1 |
| Urban | 57,359 | 27,946 | 29,412 | 59.9 | 63.9 | 56.0 | 32.8 | 33.2 | 32.5 | 2.9 | 1.3 | 4.4 | 4.0 | 1.2 | 6.7 |
| Dire Dawa Adminstrative Council | | | | | | | | | | | | | | | |
| Rural + Urban | 62,434 | 31,101 | 31,333 | 41.6 | 47.7 | 35.5 | 50.3 | 49.4 | 51.3 | 1.6 | 0.8 | 2.5 | 6.3 | 2.0 | 10.6 |
| Rural | 51,620 | 25,793 | 25,826 | 39.7 | 45.8 | 33.6 | 52.6 | 51.5 | 53.7 | 1.3 | 0.5 | 2.0 | 6.4 | 2.1 | 10.6 |
| Urban | 10,814 | 5,308 | 5,507 | 50.5 | 56.8 | 44.5 | 39.5 | 39.1 | 39.9 | 3.5 | 2.0 | 4.8 | 6.2 | 1.7 | 10.6 |

**Table 3.4 Proportion of Literate Population in Agricultural Households by Place of Residence, Sex and Regions**

| Geographic Area | Rural + Urban | | | Rural | | | Urban | | |
|---|---|---|---|---|---|---|---|---|---|
| | Both Sex | Male | Female | Both Sex | Male | Female | Both Sex | Male | Female |
| Country Level | 34.9 | 47.4 | 22.2 | 33.5 | 46.2 | 20.6 | 69.9 | 80.2 | 60.4 |
| Tigray Region | 36.2 | 48.2 | 24.2 | 35.1 | 47.2 | 23.1 | 65.5 | 77.8 | 54.3 |
| Affar Region | 31.8 | 39.6 | 23.3 | 27.0 | 34.7 | 18.4 | 62.8 | 72.7 | 53.1 |
| Amhara Region | 29.3 | 39.0 | 19.0 | 28.3 | 38.0 | 17.9 | 67.0 | 77.2 | 57.7 |
| Oromia Region | 36.0 | 49.6 | 22.0 | 34.4 | 48.2 | 20.2 | 72.0 | 82.1 | 62.7 |
| Somali Region | 25.6 | 37.4 | 12.4 | 22.2 | 33.9 | 9.0 | 55.3 | 69.6 | 40.5 |
| Benishangul-Gumuz Region | 37.0 | 51.0 | 22.9 | 34.8 | 49.2 | 20.3 | 71.6 | 80.6 | 62.9 |
| S.N.N.P Region | 39.6 | 54.3 | 25.4 | 38.6 | 53.4 | 24.2 | 70.8 | 81.0 | 61.0 |
| Gambela Region | 46.2 | 60.7 | 33.0 | 44.6 | 58.9 | 31.5 | 63.8 | 78.4 | 49.6 |
| Harari Region | 33.8 | 48.7 | 19.6 | 29.1 | 44.3 | 14.8 | 74.8 | 86.1 | 63.4 |
| Addis Ababa City Adminstration | 59.8 | 65.3 | 54.3 | 40.7 | 46.8 | 34.2 | 78.6 | 84.7 | 72.9 |
| Dire Dawa Adminstrative Council | 27.5 | 38.9 | 16.2 | 21.0 | 32.3 | 9.8 | 58.2 | 70.8 | 46.1 |

## Table 3.5 Distribution of Population in Agricultural Households Aged 10 Years and Over by Sex, Working Status During the Last 12 Months, Reason for not Working, Percent Female and Regions

| Geographic Area | Working | | Not Working by Reason for not Working | | | | | | | | | | | | Working Status Not Stated | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total not Working | | Student | | Home Maker | | Disabled/ill | | Old Age/pension | | Others | | | |
| | No | % Female | No | % Female | No | % Female | No | % Female | No | % Female | No | % Female | No | % Female | No | % Female |
| Country Level | 26,084,454 | 41.6 | 9,697,348 | 71.1 | 3,264,232 | * | 4,881,145 | * | 260,681 | * | 757,273 | * | 533,961 | * | 52,302 | * |
| Tigray Region | 1,866,123 | 45.8 | 477,343 | 66.5 | 221,224 | * | 155,375 | * | 22,177 | * | 42,945 | * | 35,622 | * | 2,789 | * |
| Affar Region | 63,335 | 33.4 | 38,857 | 71.7 | 12,565 | * | 22,206 | * | 703 | * | 2,365 | * | 1,017 | * | 142 | * |
| Amhara Region | 7,808,264 | 42.1 | 2,108,562 | 72.5 | 726,221 | * | 967,897 | * | 93,088 | * | 192,653 | * | 128,703 | * | 10,901 | * |
| Oromia Region | 9,823,129 | 39.5 | 4,386,905 | 71.7 | 1,424,899 | * | 2,287,026 | * | 90,952 | * | 356,782 | * | 227,236 | * | 23,714 | * |
| Somali Region | 268,841 | 30.2 | 140,851 | 79.1 | 23,681 | * | 99,026 | * | 2,176 | * | 10,221 | * | 5,747 | * | 421 | * |
| Benishangul-Gumuz Region | 304,694 | 47.2 | 107,735 | 57.5 | 59,825 | * | 33,222 | * | 2,393 | * | 5,930 | * | 6,365 | * | 470 | * |
| S.N.N.P Region | 5,753,332 | 43.4 | 2,305,590 | 70.0 | 734,239 | * | 1,260,972 | * | 47,997 | * | 139,394 | * | 122,941 | * | 13,362 | * |
| Gambela Region | 58,087 | 38.0 | 46,702 | 69.8 | 21,068 | * | 22,075 | * | 369 | * | 1,869 | * | 1,321 | * | 253 | * |
| Harari Region | 28,585 | 34.9 | 18,787 | 76.4 | 5,581 | * | 10,598 | * | 152 | * | 1,761 | * | 695 | * | - | - |
| Addis Ababa City Adminstration | 66,949 | 40.2 | 46,747 | 63.2 | 28,457 | * | 13,166 | * | 513 | * | 1,448 | * | 3,164 | * | 251 | * |
| Dire Dawa Adminstrative Council | 43,115 | 43.2 | 19,272 | 65.8 | 6,473 | * | 9,582 | * | 161 | * | 1,906 | * | 1,149 | * | - | - |

# ANNEX TABLES PRESENTING ESTIMATES, STANDARD ERRORS AND COEFFICIENTS OF VARIATION FOR SELECTED SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS VARIABLES

**Annex Table 3.1**

## Annex Table 3.1 Distribution of Population in Agricultural Household by Status and Type of Holding, Percent Female, Rural and Urban Areas and Regions

| Geographic Area | Total Agricultural Population | | | All Non-Holders | | | Agricultural Holders | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | All Holders | | | Type of Holdings | | | | | | | | |
| | | | | | | | | | | Crop Only | | | Livestock only | | | Crop & Livestock | | |
| | Total | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV |
| Country Level | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 54,542,979 | 131,387 | - | 43,040,694 | 111,616 | - | 11,507,385 | 26,640 | - | 2,032,026 | 16,699 | 1 | 948,573 | 11,473 | 1 | 8,526,786 | 24,000 | - |
| Rural | 52,660,922 | 131,146 | - | 41,521,990 | 111,429 | - | 11,138,932 | 26,592 | - | 1,982,985 | 16,695 | 1 | 785,189 | 11,415 | 1 | 8,370,757 | 23,989 | - |
| Urban | 1,882,157 | 7,944 | - | 1,518,704 | 6,455 | - | 368,453 | 1,603 | - | 49,041 | 363 | 1 | 163,384 | 1,157 | 1 | 156,028 | 737 | - |
| Tigray Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 3,488,777 | 28,033 | 1 | 2,748,861 | 23,164 | 1 | 739,917 | 5,926 | 1 | 145,477 | 3,513 | 2 | 54,877 | 2,121 | 4 | 539,563 | 5,261 | 1 |
| Rural | 3,374,403 | 27,956 | 1 | 2,658,783 | 23,101 | 1 | 715,620 | 5,913 | 1 | 141,301 | 3,512 | 2 | 44,035 | 2,092 | 5 | 530,284 | 5,260 | 1 |
| Urban | 114,374 | 2,080 | 2 | 90,077 | 1,706 | 2 | 24,297 | 388 | 2 | 4,176 | 86 | 2 | 10,841 | 349 | 3 | 9,279 | 114 | 1 |
| Affar Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 142,113 | 8,924 | 6 | 111,406 | 7,405 | 7 | 30,707 | 1,596 | 5 | 1,988 | 162 | 8 | 15,795 | 1,433 | 9 | 12,924 | 1,009 | 8 |
| Rural | 124,083 | 8,922 | 7 | 97,532 | 7,402 | 8 | 26,551 | 1,596 | 6 | 1,730 | 162 | 9 | 12,235 | 1,433 | 12 | 12,587 | 1,009 | 8 |
| Urban | 18,030 | 182 | 1 | 13,875 | 180 | 1 | 4,155 | 19 | - | 258 | 16 | 6 | 3,560 | 25 | 1 | 337 | 18 | 5 |
| Amhara Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 14,726,570 | 64,433 | - | 11,470,802 | 53,565 | - | 3,255,768 | 13,870 | - | 622,919 | 9,694 | 2 | 249,427 | 5,698 | 2 | 2,383,422 | 13,175 | 1 |
| Rural | 14,382,773 | 64,393 | - | 11,198,950 | 53,532 | - | 3,183,823 | 13,863 | - | 614,471 | 9,693 | 2 | 210,120 | 5,689 | 3 | 2,359,232 | 13,172 | 1 |
| Urban | 343,797 | 2,281 | 1 | 271,852 | 1,900 | 1 | 71,945 | 432 | 1 | 8,449 | 135 | 2 | 39,306 | 320 | 1 | 24,190 | 272 | 1 |
| Oromia Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 22,044,650 | 83,509 | - | 17,623,242 | 71,872 | - | 4,421,408 | 15,558 | - | 804,756 | 10,605 | 1 | 332,593 | 6,168 | 2 | 3,284,060 | 14,458 | - |
| Rural | 21,207,672 | 83,492 | - | 16,949,694 | 71,853 | - | 4,257,978 | 15,557 | - | 783,143 | 10,603 | 1 | 265,115 | 6,160 | 2 | 3,209,719 | 14,455 | - |
| Urban | 836,978 | 1,681 | - | 673,548 | 1,618 | - | 163,431 | 204 | - | 21,612 | 215 | 1 | 67,478 | 320 | - | 74,340 | 315 | - |
| Somali Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 622,562 | 17,901 | 3 | 508,652 | 14,956 | 3 | 113,910 | 3,639 | 3 | 12,100 | 1,910 | 16 | 20,464 | 1,089 | 5 | 81,346 | 2,569 | 3 |
| Rural | 561,107 | 17,901 | 3 | 458,015 | 14,956 | 3 | 103,092 | 3,639 | 4 | 10,940 | 1,910 | 17 | 12,932 | 1,089 | 8 | 79,220 | 2,569 | 3 |
| Urban | 61,455 | - | - | 50,637 | - | - | 10,817 | - | - | 1,160 | - | - | 7,532 | - | - | 2,126 | - | - |

**Annex Table 3.3 (Cont'd)**

| Geographic Area | Agricultural Population | | | All Non-Holders | | | Agricultural Holders | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | All Holders | | | Type of Holdings | | | | | | | | |
| | | | | | | | | | | Crop Only | | | Livestock only | | | Crop & Livestock | | |
| | | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV | Total | SE | CV |
| Benishangul-Gumuz [illegible]on | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 74 | 9,563 | 2 | 485,089 | 7,665 | 2 | 136,585 | 2,166 | 2 | 32,260 | 1,137 | 4 | 8,987 | 967 | 11 | 95,337 | 1,404 | 1 |
| Rural | 59 | 7,490 | 1 | 457,881 | 6,117 | 1 | 129,478 | 1,709 | 1 | 31,856 | 1,134 | 4 | 5,718 | 375 | 7 | 91,905 | 1,335 | 1 |
| Urban | 15 | 5,946 | 17 | 27,208 | 4,619 | 17 | 7,107 | 1,332 | 19 | 405 | 81 | 20 | 3,269 | 891 | 27 | 3,433 | 436 | 13 |
| S.N.N.P Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | | 66,405 | 1 | 9,719,424 | 57,190 | 1 | 2,712,418 | 14,080 | 1 | 399,024 | 7,400 | 2 | 246,142 | 7,156 | 3 | 2,067,252 | 11,888 | 1 |
| Rural | 2 | 66,348 | 1 | 9,414,016 | 57,141 | 1 | 2,643,736 | 14,074 | 1 | 387,336 | 7,397 | 2 | 226,826 | 7,152 | 3 | 2,029,574 | 11,884 | 1 |
| Urban | 90 | 2,740 | 1 | 305,408 | 2,370 | 1 | 68,682 | 427 | 1 | 11,688 | 211 | 2 | 19,316 | 238 | 1 | 37,678 | 321 | 1 |
| Gambela Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | 81 | 4,469 | 3 | 118,031 | 3,722 | 3 | 35,150 | 879 | 3 | 8,489 | 445 | 5 | 3,432 | 337 | 10 | 23,229 | 692 | 3 |
| Rural | | 4,454 | 3 | 107,163 | 3,704 | 3 | 32,756 | 879 | 3 | 8,109 | 444 | 5 | 2,649 | 334 | 13 | 21,997 | 690 | 3 |
| Urban | | 365 | 3 | 10,867 | 364 | 3 | 2,394 | 10 | - | 380 | 34 | 9 | 783 | 45 | 6 | 1,231 | 49 | 4 |
| Harari Region | | | | | | | | | | | | | | | | | | |
| Rural + Urban | | 2,478 | 3 | 57,814 | 2,058 | 4 | 15,358 | 533 | 3 | 2,465 | 290 | 12 | 1,135 | 232 | 20 | 11,759 | 454 | 4 |
| Rural | | 2,412 | 4 | 52,794 | 2,006 | 4 | 14,101 | 521 | 4 | 2,116 | 285 | 13 | 688 | 225 | 33 | 11,296 | 447 | 4 |
| Urban | | 569 | 9 | 5,021 | 458 | 9 | 1,258 | 115 | 9 | 348 | 52 | 15 | 446 | 55 | 12 | 463 | 74 | 16 |
| Addis Ababa City A[illegible] | ion | | | | | | | | | | | | | | | | | |
| Rural + Urban | | 20,153 | 14 | 120,573 | 15,729 | 13 | 28,002 | 4,468 | 16 | 1,798 | 213 | 12 | 12,325 | 978 | 8 | 13,880 | 3,675 | 26 |
| Rural | | 19,993 | 25 | 62,776 | 15,585 | 25 | 16,281 | 4,446 | 27 | 1,352 | 202 | 15 | 3,500 | 907 | 26 | 11,428 | 3,668 | 32 |
| Urban | 8 | 2,538 | 4 | 57,797 | 2,123 | 4 | 11,721 | 444 | 4 | 446 | 68 | 15 | 8,825 | 366 | 4 | 2,451 | 216 | 9 |
| Dire Dawa Adminstr | Council | | | | | | | | | | | | | | | | | |
| Rural + Urban | 64 | 4,229 | 4 | 76,801 | 3,650 | 5 | 18,163 | 644 | 4 | 750 | 147 | 20 | 3,397 | 345 | 10 | 14,015 | 776 | 6 |
| Rural | 04 | 4,114 | 5 | 64,387 | 3,553 | 6 | 15,516 | 625 | 4 | 630 | 145 | 23 | 1,370 | 312 | 23 | 13,516 | 771 | 6 |
| Urban | 060 | 979 | 7 | 12,414 | 833 | 7 | 2,646 | 153 | 6 | 120 | 23 | 20 | 2,027 | 147 | 7 | 499 | 91 | 18 |

# CHAPTER IV

# LAND UTILIZATION

## 1. INTRODUCTION

From agricultural point of view, land is an indispensable factor for production of crops, raising of livestock and other ancillary agricultural activities. The proper utilization of land holdings under different components will contribute to the development of the nation's agricultural products. In order to scrutinize this development as well as farmers' attitude towards land use practices, a timely and comprehensive land use data has paramount importance for governmental, non-governmental and private sector data users. According to the international recommendations for Agricultural Census, the total land use is categorized into five main land use types. These are land under temporary crops, land under permanent crops, grazing land, fallow land, woodland and land for other purposes. Based on these major land use categories, the 2001/02 (1994 E.C.) Ethiopian Agricultural Sample Enumeration (EASE) provides quantitative information on land utilization at National, Regional, Zonal and Wereda levels.

The 2001/02(1994 E.C.) EASE covered all land holdings i.e., rural and urban holdings. In urban areas, size of land holdings was restricted to only cropland area and urban agricultural households were required to have a minimum size of 250 square meters in order to be covered in the census. On the other hand, in the rural areas land use data were collected without any size limitation of land holdings.

The coverage of land use data items in rural private holdings included all the categories of land used. However, in urban private holdings, the coverage of land use data item is limited to cropland area, which includes land under temporary and permanent crops. To have consistent and comparable land use information, a standard concepts and definitions were applied for the aforementioned data items.

In the 2001/02 EASE, a number of land use data were collected based on objective and subjective methods of enumeration. That is, in rural private holdings land area was obtained by forwarding relevant questions on size of land to the holder and by objective area

measurement using compass, measuring tape and programmable calculator. On the other hand, in urban private holdings data on land area was collected subjectively by interviewing the holder /responsible operator/ in standard or metric units (in some cases, local measuring units were reported).

This chapter deals with the data on land holding at country level that encompasses both rural and urban private holdings on land use findings from the results of the agricultural census. It covers data on farm holdings by type and size of land holdings; population in agricultural households, that is in rural and urban areas of private holding that are disaggregated by size of land holdings; land area and fragmentation by type of land use and size of holding; cropland area by crop categories and data on area under land tenure systems. Also the census data should be presented for all the regions in Ethiopia. Hence, tables providing these data at national and regional levels are also presented in Statistical Tables 4.1-4.57. Moreover, Estimates, Standard Errors (S.E.) and Coefficients of Variation (C.V.) are given in Annex Tables 4.1 – 4.4.2 for some relevant variables.

## 2. FARM HOLDINGS BY TYPE AND SIZE OF LAND HOLDINGS

Farm holding is referred to all land or livestock holdings, which are mainly used for both crop and livestock production. Depending on the type of agricultural activities, an agricultural holder has been categorized into three groups. These are "crop only" (crop production), "livestock only" and " both crop and livestock" (the production of both crop and livestock). All three types of holdings are practised in both rural and urban private holdings. Furthermore, the total area of land holdings under different uses is classified into seven-area size of holdings in hectare. The classification is given as follows:

i- Under 0.10 hectare,
ii- 0.10-0.50 hectare,
iii- 0.51-1.00 hectare,
iv- 1.01-2.00 hectares,
v- 2.01-5.00 hectares,
vi- 5.01-10.00 hectares, and
vii- Above 10 hectares.

Hence, the number of agricultural holders is disaggregated by type and previous size of land holdings. From this point of view, one can realize that the total number of farm holdings within a given size of land holding is equal in magnitude with the corresponding reported number of agricultural holders.

The total number of agricultural holders that are involved in all types of farm-holding activities and the reported land use of the country was estimated to be about 10,758,597. Out of the total holders, those who are engaged in crop production; livestock raising; and both crop and livestock production were estimated to be about 1,996,800 (18.6%), 304,790 (2.8%) and 8,457,008 (78.6%), respectively. In general, at country level, most of the agricultural holders (29.5%) had a total size of land holdings that ranges from 0.10 to 0.50 hectare and followed by 25.7% of the total holders with area size of holding that fall between 0.51 and 1.00 hectare. Moreover, with regard to type of farm activities at country level, holders that are engaged in "crop only", "livestock only" and " both crop and livestock production" are reported to have land holdings that ranges from 0.10 to 0.50 hectare (42.6% for " crop only"), less than 0.10 hectare (71.3% for "livestock only") and 1.01 to 2.00 hectares (27% for mixed crop and livestock production), respectively (See Summary Table IV.1 and Figure IV.1).

In rural areas of Ethiopia, the total number of agricultural holders was estimated to be 10,553,514 (98.1%) and this total is composed of holders producing crop production (18.5%), livestock raising (2.9%) and holders that are engaged in mixed crop and livestock production (78.7%). In general, in rural areas of the country, the majority of agricultural holders (29.4%) had a total size of land holdings that ranges from 0.10 to 0.50 hectare, followed by size of land holdings that fall within 0.51 to 1.00 hectare (25.8%). Similarly, agricultural holders that are involved in crop, livestock and mixed crop and livestock production are estimated to have an area size of holdings that ranges from 0.10 to 0.50 hectare (42.5%"crop only"), under 0.10 hectare (71.3% " livestock only") and 1.01 to 2.00 hectares (27.3% "crop and livestock production"), respectively (For details refer to Summary Table IV.1).

## Summary Table IV.1: Distribution Of Agricultural Holders By Type And Size Of Holdings In Rural And Urban Areas And Regions, For Private Holdings

| Items | All Holders | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10 | Over 10 |
| **RURAL + URBAN** | | | | | | | | |
| All holders | 10758597 | 819394 | 3175027 | 2767746 | 2612288 | 1276773 | 97037 | 10333 |
| Percent. | 100 | 7.6 | 29.5 | 25.7 | 24.3 | 11.9 | 0.9 | 0.1 |
| Crop only holding | 1996800 | 269608 | 849868 | 484876 | 310511 | 78542 | 2736 | 658 |
| Percent. | 18.6 | 13.5 | 42.6 | 24.3 | 15.6 | 3.9 | 0.1 | 0.0 |
| Livestock only holding | 304790 | 217207 | 46828 | 20463 | 14244 | 5514 | 534 | 0 |
| Percent. | 2.8 | 71.3 | 15.4 | 6.7 | 4.7 | 1.8 | 0.2 | 0.0 |
| Crop and livestock holding | 8457008 | 332578 | 2278331 | 2262407 | 2287532 | 1192718 | 93767 | 9675 |
| Percent. | 78.6 | 3.9 | 26.9 | 26.8 | 27.0 | 14.1 | 1.1 | 0.1 |
| **RURAL** | | | | | | | | |
| All holders | 10553514 | 767740 | 3104141 | 2727486 | 2585278 | 1264421 | 95068 | 9379 |
| Percent. | 98.1 | 7.3 | 29.4 | 25.8 | 24.5 | 12.0 | 0.9 | 0.1 |
| Crop only holding | 1947769 | 256654 | 828741 | 475870 | 306411 | 77155 | 2527 | 411 |
| Percent. | 18.5 | 13.2 | 42.5 | 24.4 | 15.7 | 4.0 | 0.1 | 0.0 |
| Livestock only holding | 304790 | 217207 | 46828 | 20463 | 14244 | 5514 | 534 | 0 |
| Percent. | 2.9 | 71.3 | 15.4 | 6.7 | 4.7 | 1.8 | 0.2 | 0.0 |
| Crop and livestock holding | 8300955 | 293879 | 2228572 | 2231153 | 2264623 | 1181752 | 92007 | 8968 |
| Percent. | 78.7 | 3.5 | 26.9 | 26.9 | 27.3 | 14.2 | 1.1 | 0.1 |
| **URBAN** | | | | | | | | |
| All holders | 205084 | 51654 | 70886 | 40260 | 27010 | 12352 | 1969 | 954 |
| Percent. | 1.9 | 25.2 | 34.6 | 19.6 | 13.2 | 6.0 | 1.0 | 0.5 |
| Crop only holding | 49031 | 12955 | 21127 | 9006 | 4101 | 1387 | 209 | 247 |
| Percent. | 23.9 | 26.4 | 43.1 | 18.4 | 8.4 | 2.8 | 0.4 | 0.5 |
| Crop and livestock holding | 156053 | 38699 | 49760 | 31254 | 22909 | 10965 | 1760 | 707 |
| Percent. | 76.1 | 24.8 | 31.9 | 20.0 | 14.7 | 7.0 | 1.1 | 0.5 |
| **TIGRAY** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 708598 | 49666 | 237468 | 211556 | 151890 | 53988 | 3022 | * |
| Percent. | 6.6 | 7.0 | 33.5 | 29.9 | 21.4 | 7.6 | 0.4 | * |
| Crop only holding | 145477 | 12287 | 75412 | 37387 | 16419 | 3478 | 391 | 105 |
| Percent. | 20.5 | 8.5 | 51.8 | 25.7 | 11.3 | 2.4 | 0.3 | 0.1 |
| Livestock only holding | 23558 | 21752 | 1523 | 125 | 92 | * | 0 | 0 |
| Percent. | 3.3 | 92.3 | 6.5 | 0.5 | 0.4 | * | 0.0 | 0.0 |
| Crop and livestock holding | 539563 | 15628 | 160533 | 174044 | 135379 | 50444 | 2632 | * |
| Percent. | 76.2 | 2.9 | 29.8 | 32.3 | 25.1 | 9.4 | 0.5 | * |
| **AFAR** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 26360 | 12545 | 3684 | 4259 | 3860 | 1818 | 152 | * |
| Percent. | 0.3 | 47.6 | 14.0 | 16.2 | 14.6 | 6.9 | 0.6 | * |
| Crop only holding | 1426 | 121 | 270 | 341 | 463 | 202 | * | * |
| Percent. | 5.4 | 8.5 | 18.9 | 23.9 | 32.5 | 14.2 | * | * |
| Livestock only holding | 15268 | 11697 | 1273 | 1088 | 873 | 309 | 29 | 0 |
| Percent. | 57.9 | 76.6 | 8.3 | 7.1 | 5.7 | 2.0 | 0.2 | 0.0 |
| Crop and livestock holding | 9666 | 727 | 2142 | 2830 | 2525 | 1307 | 111 | * |
| Percent. | 36.67 | 7.52 | 22.16 | 29.28 | 26.12 | 13.52 | 1.15 | * |
| **AMHARA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 3091017 | 234792 | 680976 | 796725 | 942281 | 421024 | 14051 | 1169 |
| Percent. | 28.7 | 7.6 | 22.0 | 25.8 | 30.5 | 13.6 | 0.5 | 0.0 |
| Crop only holding | 622870 | 84947 | 232348 | 156313 | 119272 | 29207 | 650 | * |
| Percent. | 20.2 | 13.6 | 37.3 | 25.1 | 19.2 | 4.7 | 0.1 | * |
| Livestock only holding | 84687 | 75158 | 7423 | 1566 | 377 | 138 | * | 0 |
| Percent. | 2.7 | 88.8 | 8.8 | 1.9 | 0.5 | 0.2 | * | 0.0 |
| Crop and livestock holding | 2383460 | 74688 | 441205 | 638846 | 822631 | 391680 | 13375 | 1036 |
| Percent. | 77.1 | 3.1 | 18.5 | 26.8 | 34.5 | 16.4 | 0.6 | 0.0 |

**Summary Table IV.1 (CONTINUED)**

| Items | All Holders | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10 | Over 10 |
| **OROMIA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 4168441 | 246517 | 1024551 | 1053893 | 1093627 | 670829 | 72123 | 6903 |
| Percent. | 38.8 | 5.9 | 24.6 | 25.3 | 26.2 | 16.1 | 1.7 | 0.2 |
| Crop only holding | 781590 | 71110 | 300793 | 222641 | 145652 | 39724 | 1306 | 366 |
| Percent. | 18.8 | 9.1 | 38.5 | 28.5 | 18.6 | 5.1 | 0.2 | 0.1 |
| Livestock only holding | 134322 | 81383 | 26903 | 12394 | 9548 | 3785 | 311 | 0 |
| Percent.. | 3.2 | 60.6 | 20.0 | 9.2 | 7.1 | 2.8 | 0.2 | 0.0 |
| Crop and livestock holding | 3252530 | 94025 | 696856 | 818859 | 938427 | 627321 | 70507 | 6537 |
| Percent. | 78.0 | 2.9 | 21.4 | 25.2 | 28.9 | 19.3 | 2.2 | 0.2 |
| **SOMALI** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 104839 | 12369 | 27158 | 30358 | 24364 | 9717 | 847 | * |
| Percent. | 1.0 | 11.8 | 25.9 | 29.0 | 23.2 | 9.3 | 0.8 | * |
| Crop only holding | 10995 | 575 | 3196 | 3659 | 2629 | 756 | * | 0 |
| Percent. | 10.5 | 5.2 | 29.1 | 33.3 | 23.9 | 6.9 | * | 0.0 |
| Livestock only holding | 18050 | 9540 | 3315 | 2773 | 1597 | 694 | 131 | 0 |
| Percent.. | 17.2 | 52.9 | 18.4 | 15.4 | 8.9 | 3.8 | 0.7 | 0.0 |
| Crop and livestock holding | 75793 | 2255 | 20646 | 23926 | 20137 | 8267 | 536 | * |
| Percent. | 72.3 | 3.0 | 27.2 | 31.6 | 26.6 | 10.9 | 0.7 | * |
| **BENISHANGUL-GUMUZ** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 129019 | 9381 | 29729 | 30731 | 36893 | 20515 | 1645 | 124 |
| Percent. | 1.2 | 7.3 | 23.0 | 23.8 | 28.6 | 15.9 | 1.3 | 0.1 |
| Crop only holding | 31828 | 3840 | 11189 | 7969 | 6623 | 2080 | 127 | 0 |
| Percent. | 24.7 | 12.1 | 35.2 | 25.0 | 20.8 | 6.5 | 0.4 | 0.0 |
| Livestock only holding | 1449 | 1423 | * | 0 | 0 | * | 0 | 0 |
| Percent.. | 1.1 | 98.2 | * | 0.0 | 0.0 | * | 0.0 | 0.0 |
| Crop and livestock holding | 95741 | 4119 | 18521 | 22762 | 30271 | 18428 | 1518 | 124 |
| Percent. | 74.2 | 4.3 | 19.3 | 23.8 | 31.6 | 19.3 | 1.6 | 0.1 |
| **S.N.N.P.R** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 2449523 | 241996 | 1140035 | 622162 | 347686 | 92319 | 4309 | 1015 |
| Percent. | 22.8 | 9.9 | 46.5 | 25.4 | 14.2 | 3.8 | 0.2 | 0.0 |
| Crop only holding | 389609 | 93596 | 220291 | 54064 | 18626 | 2934 | 62 | 37 |
| Percent. | 15.9 | 24.0 | 56.5 | 13.9 | 4.8 | 0.8 | 0.0 | 0.0 |
| Livestock only holding | 22186 | 12597 | 4933 | 2396 | 1715 | 509 | * | 0 |
| Percent.. | 0.9 | 56.8 | 22.2 | 10.8 | 7.7 | 2.3 | * | 0.0 |
| Crop and livestock holding | 2037728 | 135804 | 914812 | 565703 | 327346 | 88877 | 4210 | 978 |
| Percent. | 83.2 | 6.7 | 44.9 | 27.8 | 16.1 | 4.4 | 0.2 | 0.1 |
| **GAMBELLA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 32767 | 5338 | 16051 | 6795 | 3548 | 956 | 75 | * |
| Percent. | 0.3 | 16.3 | 49.0 | 20.7 | 10.8 | 2.9 | 0.2 | * |
| Crop only holding | 8111 | 1967 | 4031 | 1452 | 558 | 94 | * | 0 |
| Percent. | 24.8 | 24.3 | 49.7 | 17.9 | 6.9 | 1.2 | * | 0.0 |
| Livestock only holding | 1967 | 782 | 1097 | 74 | * | 0 | 0 | 0 |
| Percent.. | 6.0 | 39.8 | 55.8 | 3.8 | * | 0.0 | 0.0 | 0.0 |
| Crop and livestock holding | 22689 | 2588 | 10924 | 5269 | 2975 | 862 | 67 | * |
| Percent. | 69.2 | 11.4 | 48.2 | 23.2 | 13.1 | 3.8 | 0.3 | * |

**Summary Table IV.1 (CONTINUED)**

| Items | All Holders | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10 | Over 10 |
| **HARARI** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 14357 | 1177 | 6573 | 4076 | 2224 | 295 | 6 | * |
| Percent. | 0.1 | 8.2 | 45.8 | 28.4 | 15.5 | 2.1 | 0.0 | * |
| Crop only holding | 2406 | 351 | 1429 | 534 | 72 | * | 0 | * |
| Percent. | 16.8 | 14.6 | 59.4 | 22.2 | 3.0 | * | 0.0 | * |
| Livestock only holding | * | * | * | 0 | 0 | 0 | 0 | 0 |
| Percent.. | * | * | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Crop and livestock holding | 11678 | 571 | 5126 | 3542 | 2151 | 277 | 6 | * |
| Percent. | 81.3 | 4.9 | 43.9 | 30.3 | 18.4 | 2.4 | 0.1 | * |
| **ADDIS ABABA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 17775 | 3666 | 2411 | 2182 | 3634 | 5035 | 808 | 38 |
| Percent. | 0.2 | 20.6 | 13.6 | 12.3 | 20.4 | 28.3 | 4.6 | 0.2 |
| Crop only holding | 1747 | 738 | 440 | 373 | 146 | 51 | 0 | 0 |
| Percent. | 9.8 | 42.2 | 25.2 | 21.4 | 8.4 | 2.9 | 0.0 | 0.0 |
| Livestock only holding | 1829 | 1423 | 325 | * | * | * | 0 | 0 |
| Percent.. | 10.3 | 77.8 | 17.8 | * | * | * | 0.0 | 0.0 |
| Crop and livestock holding | 14199 | 1505 | 1646 | 1761 | 3461 | 4980 | 808 | 38 |
| Percent. | 79.9 | 10.6 | 11.6 | 12.4 | 24.4 | 35.1 | 5.7 | 0.3 |
| **DIRE DAWA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| All holders | 15902 | 1945 | 6390 | 5009 | 2282 | 276 | 0 | 0 |
| Percent. | 0.2 | 12.2 | 40.2 | 31.5 | 14.4 | 1.7 | 0.0 | 0.0 |
| Crop only holding | 740 | 77 | 469 | 143 | * | 0 | 0 | 0 |
| Percent. | 4.7 | 10.4 | 63.4 | 19.3 | * | 0.0 | 0.0 | 0.0 |
| Livestock only holding | 1202 | 1202 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent.. | 7.6 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Crop and livestock holding | 13960 | 667 | 5921 | 4866 | 2230 | 276 | 0 | 0 |
| Percent. | 87.8 | 4.8 | 42.4 | 34.9 | 16.0 | 2.0 | 0.0 | 0.0 |

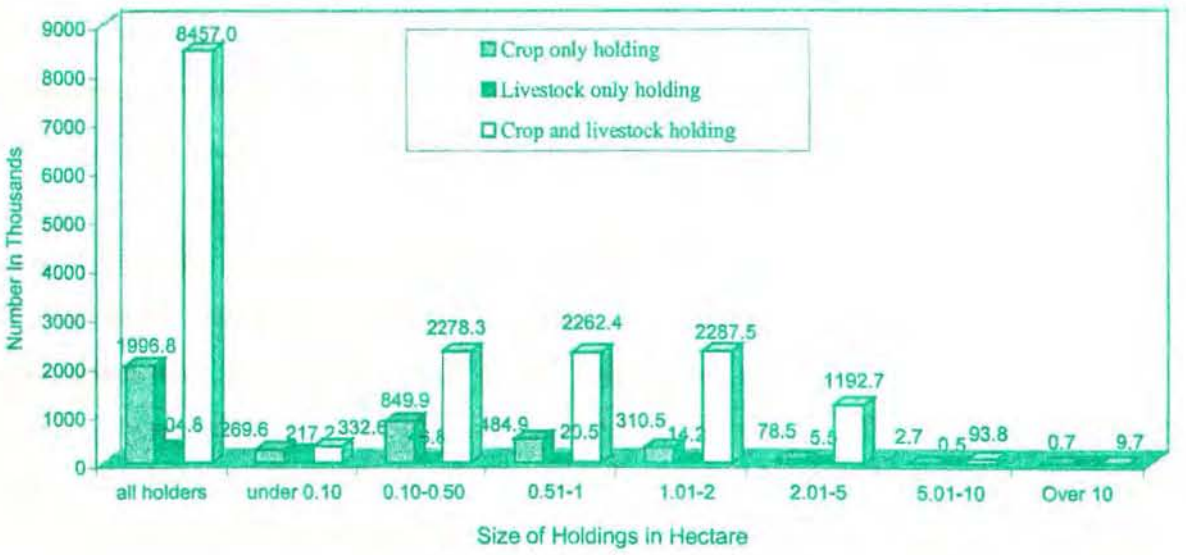
***Note:*** *Those holders with "livestock only" reported land holding that might include grazing land, woodland or land for other purposes.*

On the other hand, in urban areas of the country, the type of land use considered during the census was only crop field i.e., temporary and permanent crops. Thus, the census result indicates that 205,084 agricultural holders (1.9%) are reported in the urban areas of the country. Of this total, 23.9 percent are only crop growing holders while the remaining 76.1 percent are practicing mixed farming (i.e., both crop and livestock production). Most of the holders (34.6%) in the urban areas had a land holding that falls within 0.10 to 0.50 hectare. Among the total 49,031 (23.9%) crop producing holders, 43.1% were holders with a holding size of 0.10 to 0.50 hectare, followed by those with size under 0.10 hectare (26.4%). Furthermore, holders with mixed crop and livestock production; the highest

number is reported with holding size 0.1 to 0.50 hectare (31.9%) followed by a holding size under 0.10 hectare (24.8%), (See Summary Table IV.1).

The census results show that of the total agricultural holders who have reported land holding in the country, the highest number of agricultural holders was found in Oromia Region (38.8%), followed by Amhara Region (28.7%). Similarly, with regard to the type of farming activities, most of agricultural holders who are involved in "crop only" production (781,590) and mixed "crop and livestock" production (3,252,530) were reported in Oromia Region with corresponding highest number of holders that falls with a size of holding from 0.10 to 0.50 hectare and 1.01 to 2.00 hectares, respectively. On the other hand, the highest number of agricultural holders (134,322) that are engaged in "livestock only" production activities were found in Oromia Region with corresponding highest number of holders having an area size of holding of under 0.10 hectare (60.6%). Moreover, across the country, most of agricultural holders that are engaged only in livestock farming had a total size of land holdings of under 0.10 hectare, whereas in Gambella Region the highest is reported with an average holding size between 0.10 and 0.50 hectares (55.8%) (For details, refer to Summary Table IV.1).

**Figure IV.1: Distribution Of Agricultural Holders By Type And Size of Holdings, For private Holding**



## 3. POPULATION IN AGRICULTURAL HOUSEHOLDS AND SIZE OF LAND HOLDING

The population in agricultural households is composed of agricultural and non-agricultural holders residing within the agricultural households. The census data shows that the total population in agricultural households that depend on agricultural holdings are estimated and classified by area size of holdings. However, the total area size of holdings that are associated with agricultural households does not necessarily indicate the owner of the land, since the total land holding might include other land tenure systems at the time of enumeration.

As the data in Summary Table IV.2 depicts, the total population in agricultural households in the country was estimated to be about 53,696,064. The results also indicate that out of the total population in agricultural households; 10,758,597 were agricultural holders found in 10,419,507 agricultural households that have reported land holding. As shown in Summary Table IV.2, about 28.6% of agricultural households reported to have an estimated land area size between 0.10 and 0.50 hectare and followed by 25.8% of agricultural households who have reported to operate an area size ranging from 0.51 to 1.00 hectare. The data also indicated that the average agricultural household size at country level was estimated to be 5.15 persons or 515 members per 100 agricultural households. Furthermore, the highest average agricultural household size (7.56 persons) was reported for those households with an average area size of holding within 5.01 to 10 hectares. Hence, the census results at country level show that as size of land holdings increases, the average household size also increases (See Summary Table IV.2 and Figure IV.2).

In the rural areas of the country, the total (52,612,634) population is reported to be in 10,216,322 agricultural households. About 28.5 percent of the agricultural households are operating on the land area size that ranges from 0.10 to 0.50 hectare. An insignificant number of households (0.1%) are reported to operate on average land holdings with sizes of over 10 hectares. As can be observed in Summary Table IV.2, in the rural areas of the country also as the land area size increases the average agricultural household size also increases. As can be observed in the Summary table, the average household size in the rural areas is estimated to be 5.15 persons.

**Summary Table IV.2: Distribution Of Population In Agricultural Households And Agricultural Households By Size Of Holdings In Rural And Urban Areas And Regions, For Private Holdings**

| Items | Size of Holding (Hectares) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | All Holdings | Under 0.1 | 0.10-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10.00 | Over 10 |
| **RURAL + URBAN** | | | | | | | | |
| Agricultural households ..... | 10419507 | 753703 | 2978800 | 2683330 | 2587029 | 1299726 | 106029 | 10890 |
| Percent.. | 100 | 7.2 | 28.6 | 25.8 | 24.8 | 12.5 | 1.0 | 0.1 |
| Population in Agricultural Households | 53696064 | 2788704 | 13493791 | 13645992 | 14517881 | 8366580 | 802059 | 81056 |
| Percent.. | 100 | 5.2 | 25.1 | 25.4 | 27.0 | 15.6 | 1.5 | 0.2 |
| Average members per household .... | 5.15 | 3.70 | 4.53 | 5.09 | 5.61 | 6.44 | 7.56 | 7.44 |
| **RURAL** | | | | | | | | |
| Agricultural households ..... | 10216322 | 702433 | 2909146 | 2643435 | 2560132 | 1287208 | 104038 | 9930 |
| Percent.. | 98.1 | 6.9 | 28.5 | 25.9 | 25.1 | 12.6 | 1.0 | 0.1 |
| Population in Agricultural Households | 52612634 | 2523871 | 13140869 | 13430900 | 14362286 | 8289779 | 789516 | 75414 |
| Percent.. | 98.0 | 4.8 | 25.0 | 25.5 | 27.3 | 15.8 | 1.5 | 0.1 |
| Average members per household .... | 5.15 | 3.59 | 4.52 | 5.08 | 5.61 | 6.44 | 7.59 | 7.59 |
| **URBAN** | | | | | | | | |
| Agricultural households ..... | 203185 | 51270 | 69655 | 39895 | 26897 | 12518 | 1991 | 959 |
| Percent.. | 2.0 | 25.2 | 34.3 | 19.6 | 13.2 | 6.2 | 1.0 | 0.5 |
| Population in Agricultural Households | 1083430 | 264833 | 352923 | 215092 | 155595 | 76802 | 12543 | 5642 |
| Percent.. | 2.0 | 24.4 | 32.6 | 19.9 | 14.4 | 7.1 | 1.2 | 0.5 |
| Average members per household .... | 5.33 | 5.17 | 5.07 | 5.39 | 5.78 | 6.14 | 6.3 | 5.88 |
| **TIGRAY** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households ..... | 691262 | 45219 | 223716 | 210766 | 152585 | 54858 | 3109 | * |
| Percent.. | 6.6 | 6.5 | 32.4 | 30.5 | 22.1 | 7.9 | 0.5 | * |
| Population in Agricultural Households | 3437651 | 155371 | 971063 | 1089808 | 858010 | 338635 | 19606 | 5159 |
| Percent.. | 6.4 | 4.5 | 28.3 | 31.7 | 25.0 | 9.9 | 0.6 | 0.2 |
| Average members per household .... | 4.97 | 3.44 | 4.34 | 5.17 | 5.62 | 6.17 | 6.31 | * |
| **AFAR** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households ..... | 25908 | 12410 | 3589 | 3976 | 3827 | 1913 | 152 | * |
| Percent.. | 0.3 | 47.9 | 13.9 | 15.4 | 14.8 | 7.4 | 0.6 | * |
| Population in Agricultural Households | 126424 | 60233 | 16334 | 19144 | 18898 | 10650 | 839 | * |
| Percent.. | 0.2 | 47.6 | 12.9 | 15.1 | 15.0 | 8.4 | 0.7 | * |
| Average members per household .... | 4.88 | 4.85 | 4.55 | 4.81 | 4.94 | 5.57 | 5.52 | * |
| **AMHARA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households ..... | 3026323 | 224486 | 640947 | 778321 | 938346 | 427656 | 15372 | 1196 |
| Percent.. | 29.0 | 7.4 | 21.2 | 25.7 | 31.0 | 14.1 | 0.5 | 0.0 |
| Population in Agricultural Households | 14540356 | 656148 | 2505905 | 3615126 | 5003110 | 2643002 | 109904 | 7162 |
| Percent.. | 27.1 | 4.5 | 17.2 | 24.9 | 34.4 | 18.2 | 0.8 | 0.1 |
| Average members per household .... | 4.8 | 2.92 | 3.91 | 4.64 | 5.33 | 6.18 | 7.15 | 5.99 |

**Summary Table IV.2 (CONTINUED)**

| Items | Size of Holding (Hectares) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | All Holdings | Under 0.1 | 0.10-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10.00 | Over 10 |
| **OROMIA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 3982596 | 220130 | 922227 | 1001887 | 1069967 | 681561 | 79426 | 7399 |
| Percent.. | 38.2 | 5.5 | 23.2 | 25.2 | 26.9 | 17.1 | 2.0 | 0.2 |
| Population in Agricultural Households | 21719959 | 905871 | 4364541 | 5169937 | 6118248 | 4487255 | 614119 | 59989 |
| Percent.. | 40.5 | 4.2 | 20.1 | 23.8 | 28.2 | 20.7 | 2.8 | 0.3 |
| Average members per household.... | 5.45 | 4.12 | 4.73 | 5.16 | 5.72 | 6.58 | 7.73 | 8.11 |
| **SOMALI** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 103384 | 12206 | 26573 | 29698 | 24011 | 10023 | 847 | * |
| Percent.. | 1.0 | 11.8 | 25.7 | 28.7 | 23.2 | 9.7 | 0.8 | * |
| Population in Agricultural Households | 580935 | 64522 | 140041 | 166666 | 141178 | 63724 | 4599 | * |
| Percent.. | 1.1 | 11.1 | 24.1 | 28.7 | 24.3 | 11.0 | 0.8 | * |
| Average members per household.... | 5.62 | 5.29 | 5.27 | 5.61 | 5.88 | 6.36 | 5.43 | * |
| **BENISHANGUL-GUMUZ** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 123621 | 8297 | 27124 | 28898 | 36202 | 21265 | 1709 | 126 |
| Percent.. | 1.2 | 6.7 | 21.9 | 23.4 | 29.3 | 17.2 | 1.4 | 0.1 |
| Population in Agricultural Households | 607707 | 29434 | 113986 | 134856 | 186110 | 130687 | 11599 | 1036 |
| Percent.. | 1.1 | 4.8 | 18.8 | 22.2 | 30.6 | 21.5 | 1.9 | 0.2 |
| Average members per household.... | 4.92 | 3.55 | 4.2 | 4.67 | 5.14 | 6.15 | 6.79 | 8.22 |
| **S.N.N.P.R** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 2387932 | 219644 | 1104277 | 612124 | 350560 | 95875 | 4437 | 1015 |
| Percent.. | 22.9 | 9.2 | 46.2 | 25.6 | 14.7 | 4.0 | 0.2 | 0.0 |
| Population in Agricultural Households | 12283001 | 865548 | 5236563 | 3360506 | 2128482 | 652505 | 32940 | 6457 |
| Percent.. | 22.9 | 7.1 | 42.6 | 27.4 | 17.3 | 5.3 | 0.3 | 0.1 |
| Average members per household.... | 5.14 | 3.94 | 4.74 | 5.49 | 6.07 | 6.81 | 7.42 | 6.36 |
| **GAMBELLA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 31332 | 4585 | 15308 | 6806 | 3576 | 979 | 75 | * |
| Percent.. | 0.3 | 14.6 | 48.9 | 21.7 | 11.4 | 3.1 | 0.2 | * |
| Population in Agricultural Households | 149591 | 19432 | 71121 | 32850 | 19378 | 6198 | 587 | * |
| Percent.. | 0.3 | 13.0 | 47.5 | 22.0 | 13.0 | 4.1 | 0.4 | * |
| Average members per household.... | 4.77 | 4.24 | 4.65 | 4.83 | 5.42 | 6.33 | 7.83 | * |

**Summary Table IV.2 (CONTINUED)**

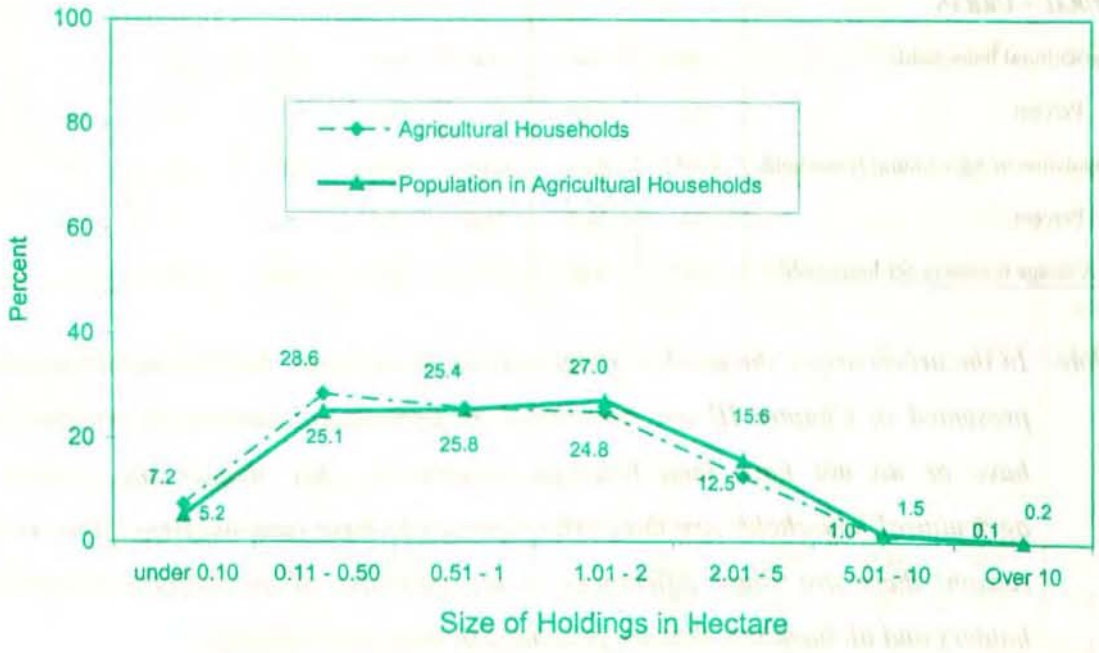
| Items | Size of Holding (Hectares) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | All Holdings | Under 0.1 | 0.10-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.00 | 5.01-10.00 | Over 10 |
| **HARARI** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 14256 | 1132 | 6498 | 4078 | 2242 | 295 | 6 | * |
| Percent.. | 0.1 | 7.9 | 45.6 | 28.6 | 15.7 | 2.1 | 0.0 | * |
| Population in Agricultural Households | 71003 | 4459 | 30530 | 21193 | 13100 | 1662 | * | * |
| Percent.. | 0.1 | 6.3 | 43.0 | 29.9 | 18.5 | 2.3 | * | * |
| Average members per household.... | 4.98 | 3.94 | 4.7 | 5.2 | 5.84 | 5.63 | * | * |
| **ADDIS ABABA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 17055 | 3648 | 2192 | 1812 | 3434 | 5001 | 898 | 70 |
| Percent.. | 0.2 | 21.4 | 12.9 | 10.6 | 20.1 | 29.3 | 5.3 | 0.4 |
| Population in Agricultural Households | 95897 | 19356 | 10767 | 8607 | 18055 | 30605 | 7833 | 674 |
| Percent.. | 0.2 | 20.2 | 11.2 | 9.0 | 18.8 | 31.9 | 8.2 | 0.7 |
| Average members per household.... | 5.62 | 5.31 | 4.91 | 4.75 | 5.26 | 6.12 | 8.72 | 9.63 |
| **DIRE DAWA** | | | | | | | | |
| ***RURAL + URBAN*** | | | | | | | | |
| Agricultural households..... | 15838 | 1945 | 6349 | 4965 | 2280 | 299 | 0 | 0 |
| Percent.. | 0.2 | 12.3 | 40.1 | 31.4 | 14.4 | 1.9 | 0.0 | 0.0 |
| Population in Agricultural Households | 83542 | 8330 | 32941 | 27300 | 13313 | 1658 | 0 | 0 |
| Percent.. | 0.2 | 10.0 | 39.4 | 32.7 | 15.9 | 2.0 | 0.0 | 0.0 |
| Average members per household.... | 5.27 | 4.28 | 5.19 | 5.5 | 5.84 | 5.55 | - | - |

*Note: In the urban areas, the number of agricultural households, holders and all members presented in Chapter III are considered as agricultural households whether they have or do not have land holdings, whereas in this chapter the number of agricultural households are those who reported to have land holdings. Due to this reason, there are slight differences in the estimates of agricultural households, holders and all members that are presented in these two chapters.*

The contribution of urban areas of the country to the total agricultural households and population in agricultural households is estimated to be 2% for both the households and population. The result indicates that about 0.5% of the agricultural households in urban areas of the country have reported to operate on land area size of over 10 hectares. Furthermore, the average agricultural household size in the urban areas is 5.33 persons which is slightly higher compared to that reported in the rural areas of the country (See Summary Table IV.2).

As the data in Summary Table IV.2 shows, the average household size in Somali and Addis Ababa Regions (5.62 persons for both) is higher than those in the other regions of the country. Moreover, the highest agricultural households who have reported land holding was observed in Oromia Region (38.2%), followed by Amhara Region (29%). The relationship between the average household sizes across different size of land holding is almost similar in all the regions of the country. That is, as area size increases the average household size also increases.

**Figure IV.2: Percentage Distribution Of Population In Agricultural Households And Households By Size Of Holdings, For Private Holding**



## 4. LAND AREA AND FRAGMENTATION BY TYPE OF LAND USE AND SIZE OF HOLDING

Land area is referred to area under all private holdings. In general, the total area of a holding consists of land in the following classifications:

i. Agricultural land (that includes land under temporary as well as permanent crops, fallow land and grazing land),

ii. Woodland or forest, and

iii. All other land that is, unused and undeveloped potentially productive land, homestead, ...etc.

On the other hand, land fragmentation is the breaking down of land holdings into parts with some distance apart from one another. Land fragmentation is measured by the number of parcels that are reported in the total land holdings of a holder. In general, a parcel of a holding is any piece of land entirely surrounded by other land, water, road, forest or other boundaries that are not part of the holding.

### 4.1. Land Area By Type Of Land Use

As presented in Summary Table IV.3, the total land holding area under different land uses in Ethiopia was estimated to be about 11,047,249 hectares. This area is composed of 98.5% of the rural private holdings and 1.5% of the urban private holdings in the country. Of this land, area under temporary crops accounted for 8,193,391 hectares (74.2%); land under permanent crops estimated to be 667,768 hectares (6%); grazing land amount to be 957,856 hectares (8.7%); fallow land is reported to be 839,949 hectares (7.6%); woodland amounted to be 87,057 hectares (0.8%) and land for other uses is estimated to be 301,232 hectares (2.7%).

The census result indicated that out of the total estimated holders (10,758,597) almost all (10,226,668) used their holding for other land purposes which is followed by 10,151,839 holders who had used their holding to cultivate temporary crops. It was also reported that 5,805,161 holders used their land for cultivating permanent crops and 3,278,341 holders left their land as fallow during the census year. On the other hand, number of holders reported grazing and woodland account for about 3,723,319 and 1,486,960, respectively. In general,

the national average size of land holding per holder was estimated to be 1.03 hectares. The result also shows that the highest average size of land holding area per holder is for the cultivation of temporary crops, which was estimated at 0.81 hectare and followed by grazing land and fallow land, which is about 0.26 hectare for both items. (For details, refer to Summary Table IV.3 and Figure IV.3a).

In rural private holdings, the total land area under different land uses were estimated to be 10,885,960 hectares contributing 98.5% to the country total land area. Out of this total land area, the highest (74%) and lowest (0.8%) proportions of area were used for cultivating temporary crops and as woodland, respectively. As can be observed in Summary Table IV.3 the average size of land holding in the rural areas of the country was estimated to be 1.03 hectares per holder. Moreover, the highest average size of land holding per holder was reported as area under temporary crops (0.81 hectare), followed by land under grazing and as fallow land, which is about 0.26 hectare.

On the other hand, in urban private holdings, the total land area under both temporary and permanent crops was estimated to be 161,289 hectares contributing 1.5% to the country's total land area. Out of which temporary crops accounted for 138,274 (85.7%) hectares and permanent crops accounted for only 23,016 (14.3%) hectares. From the census data one can observe that the majority of urban holders in the country tend to use most of their land for growing temporary crops (173,270), which is followed by permanent crops (92,245). In general, the average size of land area per holder was estimated to be 0.79 hectare. With regard to temporary and permanent crops, average size of land holding per holder was estimated to be 0.8 hectare and 0.25 hectare, respectively (See Summary Table IV.3).

Of the total land area recorded in the country, the largest area is contributed by Oromia Region (46.6%) and followed by Amhara Region, which is 30.8 percent. In all the regions of the country, over 51 percent of land use was allotted to the cultivation of temporary crops. On the other hand, land under permanent crops, grazing and fallow land were more utilized in Oromia Region. Moreover, land under wood/forest for private holding was more exercised in S.N.N.P.R. The average size of area per holder ranges from 1.65 hectares in Addis Ababa Region to 0.52 hectare in Gambella Region (See Figure IV.3b).

## Summary Table IV.3: Distribution Of Area And Holders By Type Of Land Use In Rural And Urban Areas And Regions, For Private Holdings

| Items | Total Number | Land Area Under | | | | | |
|---|---|---|---|---|---|---|---|
| | | Temporary Crops | Permanent Crops | Grazing | Fallow Land | Woodland | Other Land |
| **RURAL + URBAN** | | | | | | | |
| Area in hectares(ha) | 11047249 | 8193391 | 667768 | 957856 | 839949 | 87053 | 301232 |
| Percent.. | 100 | 74.2 | 6.0 | 8.7 | 7.6 | 0.8 | 2.7 |
| All parcels | 35340605 | 27604991 | 7565282 | 4784549 | 4310677 | 1695148 | 11004255 |
| Holders reporting | 10758597 | 10151839 | 5805161 | 3727319 | 3278341 | 1486960 | 10226668 |
| Average area per holder (ha) | 1.03 | 0.81 | 0.12 | 0.26 | 0.26 | 0.06 | 0.03 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.31 | 0.3 | 0.09 | 0.2 | 0.19 | 0.05 | 0.03 |
| **RURAL** | | | | | | | |
| Area in hectares(ha) | 10885960 | 8055117 | 644752 | 957856 | 839949 | 87053 | 301232 |
| Percent.. | 98.5 | 74.0 | 5.9 | 8.8 | 7.7 | 0.8 | 2.8 |
| All parcels | 34958173 | 27293567 | 7455537 | 4784549 | 4310677 | 1695148 | 11004255 |
| Holders reporting | 10553514 | 9978569 | 5712916 | 3727319 | 3278341 | 1486960 | 10226668 |
| Average area per holder (ha) | 1.03 | 0.81 | 0.11 | 0.26 | 0.26 | 0.06 | 0.03 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.31 | 0.3 | 0.09 | 0.2 | 0.19 | 0.05 | 0.03 |
| **URBAN** | | | | | | | |
| Area in hectares(ha) | 161289 | 138274 | 23016 | | | | |
| Percent.. | 1.5 | 85.7 | 14.3 | | | | |
| All parcels | 382432 | 311424 | 109745 | | | | |
| Holders reporting | 205084 | 173270 | 92245 | | | | |
| Average area per holder (ha) | 0.79 | 0.8 | 0.25 | | | | |
| Average parcels per holder | 2 | 2 | 1 | | | | |
| Average area per parcel (ha) | 0.42 | 0.44 | 0.21 | | | | |
| **TIGRAY** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 623908 | 549427 | 6268 | 9631 | 37350 | 1824 | 19408 |
| Percent.. | 5.7 | 88.1 | 1.0 | 1.5 | 6.0 | 0.3 | 3.1 |
| All parcels | 2340233 | 1913713 | 187713 | 117342 | 207434 | 63782 | 713602 |
| Holders reporting | 708598 | 682056 | 172766 | 106161 | 166063 | 61630 | 678877 |
| Average area per holder (ha) | 0.88 | 0.81 | 0.04 | 0.09 | 0.22 | 0.03 | 0.03 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.27 | 0.29 | 0.03 | 0.08 | 0.18 | 0.03 | 0.03 |
| **AFAR** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 16802 | 10328 | 393 | 536 | 4547 | * | 990 |
| Percent.. | 0.2 | 61.5 | 2.3 | 3.2 | 27.1 | * | 5.9 |
| All parcels | 48162 | 15262 | 2740 | 2027 | 6635 | 258 | 27861 |
| Holders reporting | 26360 | 10416 | 2391 | 1950 | 5696 | 258 | 25465 |
| Average area per holder (ha) | 0.64 | 0.99 | 0.16 | 0.27 | 0.8 | * | 0.04 |
| Average parcels per holder | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.35 | 0.68 | 0.14 | 0.26 | 0.69 | * | 0.04 |

**Summary Table IV.3 (CONTINUED)**

| Items | Total Number | Land Area Under | | | | | |
|---|---|---|---|---|---|---|---|
| | | Temporary Crops | Permanent Crops | Grazing | Fallow Land | Woodland | Other Land |
| **AMHARA** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 3396871 | 2954905 | 22095 | 135484 | 194518 | 12325 | 77544 |
| Percent.. | 30.8 | 87.0 | 0.7 | 4.0 | 5.7 | 0.4 | 2.3 |
| All parcels | 14113641 | 11460875 | 1119716 | 1193708 | 1171973 | 387518 | 3290039 |
| Holders reporting | 3091017 | 2994052 | 947685 | 834822 | 761869 | 328666 | 2994647 |
| Average area per holder (ha) | 1.1 | 0.99 | 0.02 | 0.16 | 0.26 | 0.04 | 0.03 |
| Average parcels per holder | 5 | 4 | 1 | 1 | 2 | 1 | 1 |
| Average area per parcel (ha) | 0.24 | 0.26 | 0.02 | 0.11 | 0.17 | 0.03 | 0.02 |
| **OROMIA** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 5150310 | 3625773 | 336032 | 590042 | 428798 | 27859 | 141806 |
| Percent.. | 46.6 | 70.4 | 6.5 | 11.5 | 8.3 | 0.5 | 2.8 |
| All parcels | 13383668 | 9995074 | 3372819 | 1896310 | 1758554 | 457588 | 4198676 |
| Holders reporting | 4168441 | 3953517 | 2338202 | 1412436 | 1330580 | 405486 | 3893606 |
| Average area per holder (ha) | 1.24 | 0.92 | 0.14 | 0.42 | 0.32 | 0.07 | 0.04 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.38 | 0.36 | 0.1 | 0.31 | 0.24 | 0.06 | 0.03 |
| **SOMALI** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 97834 | 61974 | 8116 | 12317 | 13413 | * | 1910 |
| Percent.. | 0.9 | 63.4 | 8.3 | 12.6 | 13.7 | * | 2.0 |
| All parcels | 255312 | 130096 | 42781 | 22505 | 30326 | 364 | 109302 |
| Holders reporting | 104839 | 84271 | 36009 | 20997 | 26917 | 364 | 100990 |
| Average area per holder (ha) | 0.93 | 0.74 | 0.23 | 0.59 | 0.5 | * | 0.02 |
| Average parcels per holder | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.38 | 0.48 | 0.19 | 0.55 | 0.44 | * | 0.02 |
| **BENISHANGUL-GUMUZ** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 154309 | 143963 | 2499 | 639 | 5115 | 46 | 2047 |
| Percent.. | 1.4 | 93.3 | 1.6 | 0.4 | 3.3 | 0.0 | 1.3 |
| All parcels | 418390 | 357144 | 75334 | 2626 | 29032 | 1912 | 131424 |
| Holders reporting | 129019 | 126622 | 53109 | 2511 | 24266 | 1692 | 120735 |
| Average area per holder (ha) | 1.2 | 1.14 | 0.05 | 0.25 | 0.21 | 0.03 | 0.02 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.37 | 0.4 | 0.03 | 0.24 | 0.18 | 0.02 | 0.02 |
| **S.N.N.P.R** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 1542534 | 799863 | 285385 | 204882 | 152253 | 44441 | 55710 |
| Percent.. | 14.0 | 51.9 | 18.5 | 13.3 | 9.9 | 2.9 | 3.6 |
| All parcels | 4553265 | 2690878 | 2690878 | 1535973 | 1082053 | 773439 | 2451049 |
| Holders reporting | 2449523 | 2227399 | 2211516 | 1337024 | 941196 | 679469 | 2339130 |
| Average area per holder (ha) | 0.63 | 0.36 | 0.13 | 0.15 | 0.16 | 0.07 | 0.02 |
| Average parcels per holder | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.34 | 0.3 | 0.11 | 0.13 | 0.14 | 0.06 | 0.02 |

**Summary Table IV.3 (CONTINUED)**

| Items | Total Number | Land Area Under | | | | | |
|---|---|---|---|---|---|---|---|
| | | Temporary Crops | Permanent Crops | Grazing | Fallow Land | Woodland | Other Land |
| **GAMBELLA** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 17190 | 9827 | 3766 | 174 | 2905 | 64 | 454 |
| Percent.. | 0.2 | 57.2 | 21.9 | 1.0 | 16.9 | 0.4 | 2.6 |
| All parcels | 79935 | 47073 | 30245 | 1339 | 15081 | 1736 | 35929 |
| Holders reporting | 32767 | 29159 | 18695 | 1115 | 13192 | 1569 | 30070 |
| Average area per holder (ha) | 0.52 | 0.34 | 0.2 | 0.16 | 0.22 | 0.04 | 0.02 |
| Average parcels per holder | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.22 | 0.21 | 0.12 | 0.13 | 0.19 | 0.04 | 0.01 |
| **HARARI** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 8944 | 6213 | 2167 | 76 | 171 | * | 251 |
| Percent.. | 0.1 | 69.5 | 24.2 | 0.9 | 1.9 | * | 2.8 |
| All parcels | 41928 | 32832 | 25713 | 1107 | 2781 | 1072 | 14739 |
| Holders reporting | 14357 | 14002 | 12459 | 1040 | 2489 | 1036 | 13446 |
| Average area per holder (ha) | 0.62 | 0.44 | 0.17 | 0.07 | 0.07 | * | 0.02 |
| Average parcels per holder | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.21 | 0.19 | 0.08 | 0.07 | 0.06 | * | 0.02 |
| **ADDIS ABABA** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 29354 | 24188 | 49 | 3515 | 440 | 314 | 848 |
| Percent.. | 0.3 | 82.4 | 0.2 | 12.0 | 1.5 | 1.1 | 2.9 |
| All parcels | 60518 | 48302 | 2534 | 8741 | 2915 | 7436 | 15910 |
| Holders reporting | 17775 | 15707 | 2500 | 6479 | 2623 | 6748 | 14500 |
| Average area per holder (ha) | 1.65 | 1.54 | 0.02 | 0.54 | 0.17 | 0.05 | 0.06 |
| Average parcels per holder | 3 | 3 | 1 | 1 | 1 | 1 | 1 |
| Average area per parcel (ha) | 0.49 | 0.5 | 0.02 | 0.4 | 0.15 | 0.04 | 0.05 |
| **DIRE DAWA** | | | | | | | |
| *RURAL + URBAN* | | | | | | | |
| Area in hectares(ha) | 9192 | 6931 | 997 | 559 | 439 | * | 264 |
| Percent.. | 0.1 | 75.4 | 10.9 | 6.1 | 4.8 | * | 2.9 |
| All parcels | 45553 | 28633 | 14793 | 2873 | 3893 | * | 15725 |
| Holders reporting | 15902 | 14638 | 9829 | 2782 | 3449 | * | 15203 |
| Average area per holder (ha) | 0.58 | 0.47 | 0.1 | 0.2 | 0.13 | * | 0.02 |
| Average parcels per holder | 3 | 2 | 2 | 1 | 1 | * | 1 |
| Average area per parcel (ha) | 0.2 | 0.24 | 0.07 | 0.19 | 0.11 | * | 0.02 |

*Note: The number of holders and parcels that reported under land use classification are not mutually exclusive.*

**Figure IV.3a: Distribution of Area, Holders and Parcels by Type of Land Use, for Private Holdings**

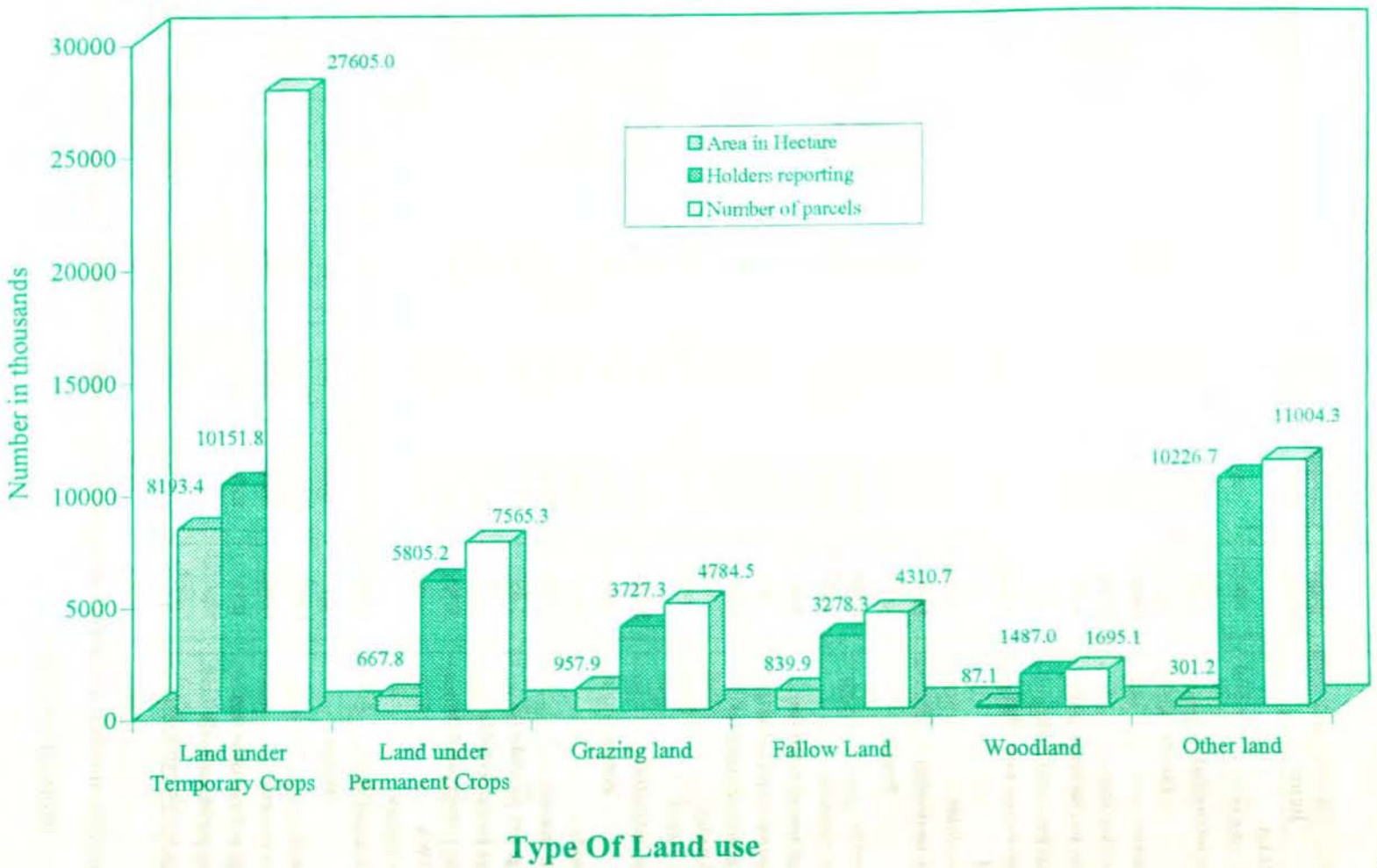
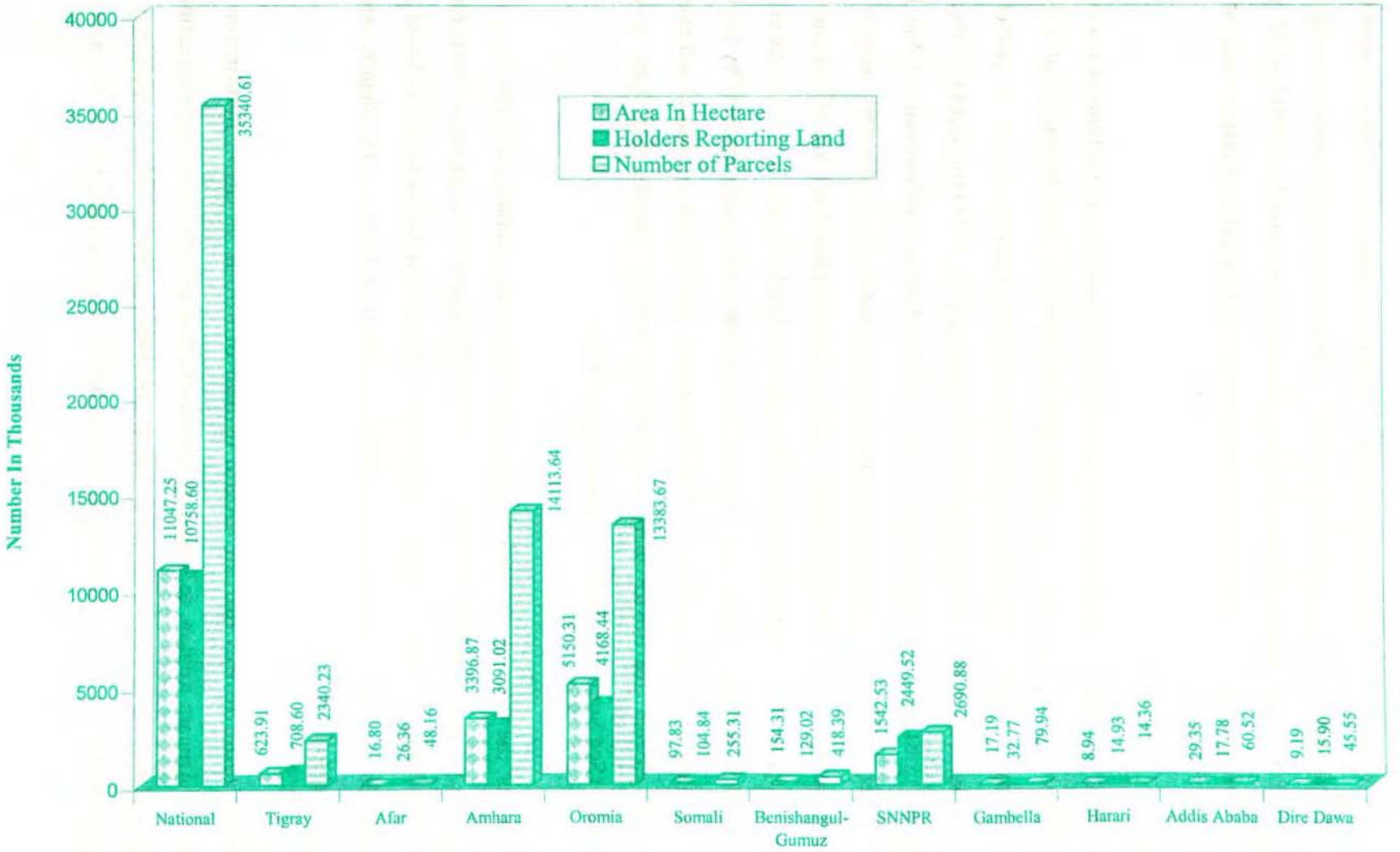


**Figure IV.3b: Distribution Of Area, Parcels(Fragmentation of land) And Holders (that Report Land )By Regions, For Private Holdings**



## 4.2. Land Fragmentation By Size Of Holding

Providing information on land fragmentation is important to show how farmers waste their valuable working time, energy and other resources when the number of parcels is many and very far apart from one another. Taking this into consideration in the 2001/2002 EASE, data on number of parcels was collected for private holding in rural and urban areas of the country.

Accordingly, the census results indicate that 35,340,605 parcels were estimated under the total land holdings in the country, which constituted 98.9% of rural holdings and 1.1% of urban holdings. Of this total parcels, the highest and smallest number of parcels or fragmentation of land are reported in area size of holding 1.01 to 2.00 hectares (31.3%) and over 10 hectares (0.2%), respectively. As can be observed in Summary Table IV.3 generally, temporary and permanent crops were cultivated on 27,604,991 parcels and 7,565,285 parcels, respectively. Moreover, grazing land, fallow land, woodland and land for other purpose were found on 4,784,549 parcels, 4,310,677 parcels, 1,695,148 parcels and 11,004,255 parcels, respectively. However, the number of parcels reported by land use categories is not mutually exclusive. The average size of land area per parcel and average number of parcels per holder were estimated to be 0.31 hectare and three parcels, respectively (See Summary Table IV.4 and Figure IV.4).

In rural areas, the average number of parcels per holder was estimated at 3 parcels and the average area per parcel was 0.31 hectare. On the other hand, in urban areas, the extent of land fragmentation is estimated and the average number of parcels per holder is found to be two while the average size of land area per parcel is 0.42 hectare. For details refer to Summary Table IV.4.

The census result reveals that the highest number of parcels or land fragmentation was observed in Amhara Region, followed by Oromia Region with the corresponding estimated number of 14,113,641 parcels (39.9%) and 13,383,668 parcels (37.9%), respectively. In these regions the average number of parcels per holder were estimated to be five and three

parcels and the highest fragmentation was occurred in 1.01 to 2.00 hectares (for both) size of holdings, respectively (See Summary Table IV.4).

**Summary Table IV.4: Distribution Of Parcels By Size Of Holdings In Rural And Urban Areas, For Private Holdings**

| Items | All Number | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.0 | 5.01-10 | Over 10 |
| **RURAL + URBAN** | | | | | | | | |
| All parcels | 35340605 | 1040581 | 6824308 | 8736759 | 11058257 | 6977317 | 637556 | 65827 |
| Percent.. | 100 | 2.9 | 19.3 | 24.7 | 31.3 | 19.7 | 1.8 | 0.2 |
| All holders | 10758597 | 819394 | 3175027 | 2767746 | 2612288 | 1276773 | 97037 | 10333 |
| All area in hectare | 11047249 | 38418 | 933428 | 2021798 | 3682947 | 3605515 | 612070 | 153072 |
| Average parcels per holder | 3 | 1 | 2 | 3 | 4 | 5 | 7 | 6 |
| Average area per parcel | 0.31 | 0.04 | 0.14 | 0.23 | 0.33 | 0.52 | 0.96 | 2.33 |
| **RURAL** | | | | | | | | |
| All parcels | 34958173 | 981313 | 6720404 | 8656108 | 10968824 | 6936557 | 631427 | 63541 |
| Percent.. | 98.9 | 2.8 | 19.2 | 24.8 | 31.4 | 19.8 | 1.8 | 0.2 |
| All holders | 10553514 | 767740 | 3104141 | 2727486 | 2585278 | 1264421 | 95068 | 9379 |
| All area in hectare | 10885960 | 36428 | 913948 | 1992541 | 3645107 | 3569828 | 599037 | 129071 |
| Average parcels per holder | 3 | 1 | 2 | 3 | 4 | 5 | 7 | 7 |
| Average area per parcel | 0.31 | 0.04 | 0.14 | 0.23 | 0.33 | 0.51 | 0.95 | 2.03 |
| **URBAN** | | | | | | | | |
| All parcels | 382432 | 59268 | 103904 | 80652 | 71238 | 40760 | 6129 | 2286 |
| Percent.. | 1.1 | 15.5 | 27.2 | 21.1 | 18.6 | 10.7 | 1.6 | 0.6 |
| All holders | 205084 | 51654 | 70886 | 40260 | 27010 | 12352 | 1969 | 954 |
| All area in hectare | 161289 | 1990 | 19480 | 29257 | 37840 | 35687 | 13033 | 24002 |
| Average parcels per holder | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 2 |
| Average area per parcel | 0.42 | 0.03 | 0.19 | 0.36 | 0.53 | 0.88 | 2.13 | 10.5 |
| **TIGRAY (URBAN +RURAL)** | | | | | | | | |
| All parcels | 2340233 | 66085 | 612072 | 718528 | 638407 | 286950 | 14393 | 3798 |
| Percent.. | 6.6 | 2.8 | 26.2 | 30.7 | 27.3 | 12.3 | 0.6 | 0.2 |
| All holders | 708598 | 49666 | 237468 | 211556 | 151890 | 53988 | 3022 | * |
| All area in hectare | 623908 | 1964 | 73100 | 152810 | 211557 | 146621 | 19694 | * |
| Average parcels per holder | 3 | 1 | 3 | 3 | 4 | 5 | 5 | * |
| Average area per parcel | 0.27 | 0.03 | 0.12 | 0.21 | 0.33 | 0.51 | 1.37 | * |
| **AFAR (URBAN +RURAL)** | | | | | | | | |
| All parcels | 48162 | 14343 | 7657 | 9475 | 10271 | 5758 | 518 | * |
| Percent.. | 0.1 | 29.8 | 15.9 | 19.7 | 21.3 | 12.0 | 1.1 | * |
| All holders | 26360 | 12545 | 3684 | 4259 | 3860 | 1818 | 152 | * |
| All area in hectare | 16802 | 284 | 1083 | 3139 | 5365 | 5410 | 941 | * |
| Average parcels per holder | 2 | 1 | 2 | 2 | 3 | 3 | 3 | * |
| Average area per parcel | 0.35 | 0.02 | 0.14 | 0.33 | 0.52 | 0.94 | 1.82 | * |
| **AMHARA(URBAN +RURAL)** | | | | | | | | |
| All parcels | 14113641 | 309675 | 1949849 | 3486737 | 5279250 | 2961059 | 120921 | 6145 |
| Percent.. | 39.9 | 2.2 | 13.8 | 24.7 | 37.4 | 21.0 | 0.9 | 0.0 |
| All holders | 3091018 | 234791 | 680976 | 796725 | 942281 | 421024 | 14050 | 1169 |
| All area in hectare | 3396871 | 9356 | 206109 | 592305 | 1335486 | 1151538 | 86734 | 15344 |
| Average parcels per holder | 5 | 1 | 3 | 4 | 6 | 7 | 9 | 5 |
| Average area per parcel | 0.24 | 0.03 | 0.11 | 0.17 | 0.25 | 0.39 | 0.72 | 2.5 |

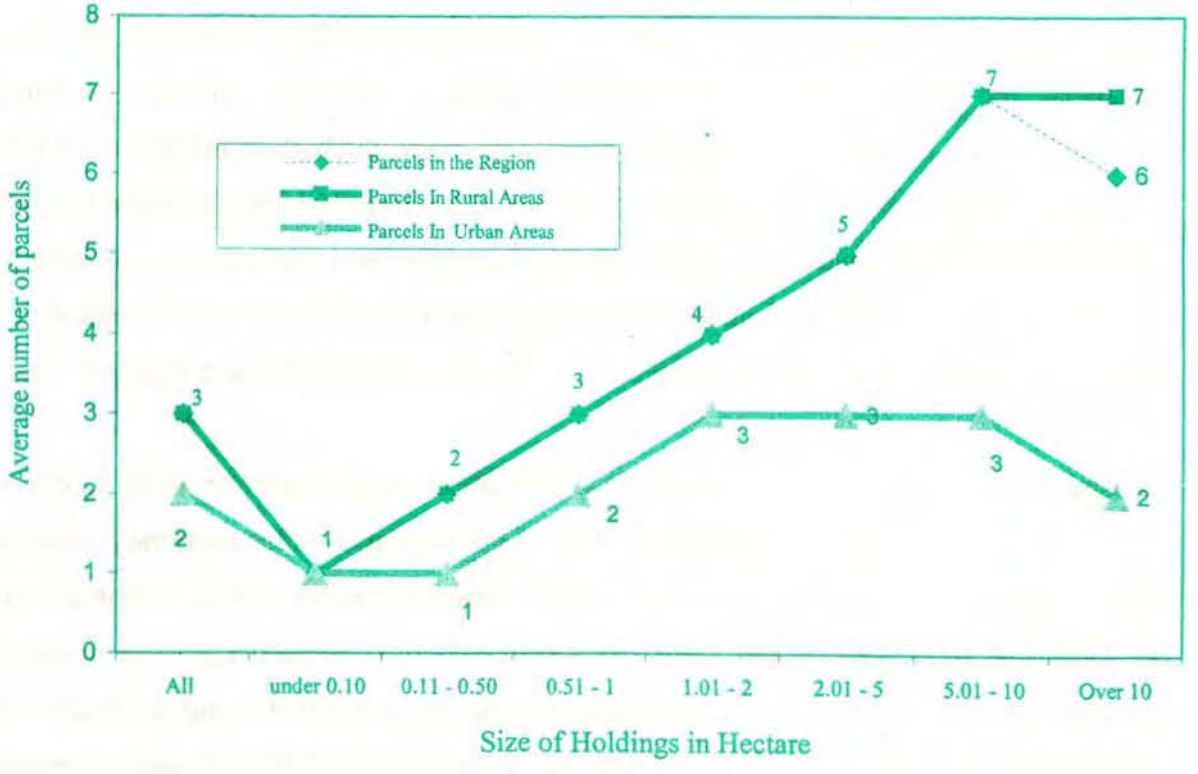
**Summary Table IV.4 (Continued)**

| Items | All Number | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.0 | 5.01-10 | Over 10 |
| **OROMIA (URBAN +RURAL)** | | | | | | | | |
| All parcels | 13383668 | 309315 | 2217690 | 3036751 | 4000732 | 3295863 | 471090 | 52227 |
| Percent.. | 37.9 | 2.3 | 16.6 | 22.7 | 29.9 | 24.6 | 3.5 | 0.4 |
| All holders | 4168441 | 246517 | 1024551 | 1053893 | 1093627 | 670829 | 72122 | 6902 |
| All area in hectare | 5150310 | 11322 | 309347 | 774787 | 1553501 | 1945987 | 455797 | 99569 |
| Average parcels per holder | 3 | 1 | 2 | 3 | 4 | 5 | 7 | 8 |
| Average area per parcel | 0.38 | 0.04 | 0.14 | 0.26 | 0.39 | 0.59 | 0.97 | 1.91 |
| **SOMALI (URBAN +RURAL)** | | | | | | | | |
| All parcels | 255312 | 14717 | 59547 | 78264 | 70648 | 29629 | 2455 | * |
| Percent.. | 0.7 | 5.8 | 23.3 | 30.7 | 27.7 | 11.6 | 1.0 | * |
| All holders | 104839 | 12369 | 27158 | 30358 | 24364 | 9717 | 847 | * |
| All area in hectare | 97834 | 335 | 8423 | 22123 | 34295 | 27277 | 5063 | * |
| Average parcels per holder | 2 | 1 | 2 | 3 | 3 | 3 | 3 | * |
| Average area per parcel | 0.38 | 0.02 | 0.14 | 0.28 | 0.49 | 0.92 | 2.06 | * |
| **BENISHANGUL-GUMUZ (URBAN +RURAL** | | | | | | | | |
| All parcels | 418390 | 11333 | 59977 | 88775 | 153329 | 97198 | 7261 | 516 |
| Percent.. | 1.2 | 2.7 | 14.3 | 21.2 | 36.7 | 23.2 | 1.7 | 0.1 |
| All holders | 129019 | 9373 | 29737 | 30731 | 36893 | 20515 | 1645 | 124 |
| All area in hectare | 154309 | 465 | 8683 | 22835 | 52342 | 58332 | 9872 | 1780 |
| Average parcels per holder | 3 | 1 | 2 | 3 | 4 | 5 | 4 | 4 |
| Average area per parcel | 0.37 | 0.04 | 0.14 | 0.26 | 0.34 | 0.6 | 1.36 | 3.45 |
| **S.N.N.P.R (URBAN +RURAL)** | | | | | | | | |
| All parcels | 4553265 | 301407 | 1843856 | 1268934 | 851276 | 270469 | 14487 | 2836 |
| Percent.. | 12.9 | 6.6 | 40.5 | 27.9 | 18.7 | 5.9 | 0.3 | 0.1 |
| All holders | 2449523 | 241996 | 1140035 | 622162 | 347686 | 92319 | 4309 | 1015 |
| All area in hectare | 1542534 | 14192 | 317864 | 440873 | 474263 | 250541 | 28126 | 16676 |
| Average parcels per holder | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| Average area per parcel | 0.34 | 0.05 | 0.17 | 0.35 | 0.56 | 0.93 | 1.94 | 5.88 |
| **GAMBELLA (URBAN +RURAL)** | | | | | | | | |
| All parcels | 79935 | 8192 | 38632 | 18804 | 10636 | 3249 | 385 | * |
| Percent.. | 0.2 | 10.3 | 48.3 | 23.5 | 13.3 | 4.1 | 0.5 | * |
| All holders | 32767 | 5338 | 16051 | 6795 | 3548 | 956 | 75 | * |
| All area in hectare | 17190 | 246 | 4279 | 4794 | 4771 | 2572 | 482 | * |
| Average parcels per holder | 2 | 2 | 2 | 3 | 3 | 3 | 5 | * |
| Average area per parcel | 0.22 | 0.03 | 0.11 | 0.25 | 0.45 | 0.79 | 1.25 | * |
| **HARARI (URBAN +RURAL)** | | | | | | | | |
| All parcels | 41928 | 1758 | 17226 | 13295 | 8331 | 1307 | 6 | * |
| Percent.. | 0.1 | 4.2 | 41.1 | 31.7 | 19.9 | 3.1 | 0.0 | * |
| All holders | 14357 | 1177 | 6573 | 4076 | 2224 | 295 | 6 | * |
| All area in hectare | 8944 | 58 | 1899 | 2969 | 3120 | 796 | 39 | * |
| Average parcels per holder | 3 | 1 | 3 | 3 | 4 | 4 | 1 | * |
| Average area per parcel | 0.21 | 0.03 | 0.11 | 0.22 | 0.37 | 0.61 | 6.5 | * |

**Summary Table IV.4 (Continued)**

| Items | All Number | Size of holding in hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.1 | 0.1-0.50 | 0.51-1.00 | 1.01-2.00 | 2.01-5.0 | 5.01-10 | Over 10 |
| **ADDIS ABABA** (URBAN +RURAL) | | | | | | | | |
| All parcels | 60518 | 4096 | 3930 | 5489 | 13248 | 26988 | 6531 | * |
| Percent.. | 0.2 | 6.8 | 6.5 | 9.1 | 21.9 | 44.6 | 10.8 | * |
| All holders | 17775 | 3666 | 2411 | 2182 | 3634 | 5035 | 808 | 38 |
| All area in hectare | 29354 | 137 | 719 | 1615 | 5246 | 15777 | 5323 | * |
| Average parcels per holder | 3 | 1 | 2 | 3 | 4 | 5 | 8 | * |
| Average area per parcel | 0.49 | 0.03 | 0.18 | 0.29 | 0.4 | 0.58 | 0.82 | * |
| **DIRE DAWA** (URBAN +RURAL) | | | | | | | | |
| All parcels | 45553 | 2731 | 18560 | 16011 | 7283 | * | - | - |
| Percent.. | 0.1 | 6.0 | 40.7 | 35.2 | 16.0 | * | - | - |
| All holders | 15902 | 1945 | 6390 | 5009 | 2282 | 276 | - | - |
| All area in hectare | 9192 | 59 | 1923 | 3546 | 3001 | 663 | - | - |
| Average parcels per holder | 3 | 1 | 3 | 3 | 3 | * | - | - |
| Average area per parcel | 0.2 | 0.02 | 0.1 | 0.22 | 0.41 | * | - | - |

**Figure IV.4: Average Number Of Parcels Per Holder By Size Of Holdings In Rural And Urban Areas, For Private Holdings**



## 5. CROPLAND AREA BY CROP CATEGORIES

The 2001/02 (1994 E.C.) Agricultural Sample Enumeration covered the area under temporary and permanent crops in Meher/main and Belg seasons. In general, cropland area is described as part of the total land area, which comprises land under temporary and permanent crops.

### 5.1. Cropland Area Under Meher/Main Season

The data in Summary Table IV.5 illustrates that the total cropland area for Meher/ main season in the country was estimated to be 8,861,158 hectares, which consisted of 98.2% in rural and 1.8% in urban areas of private holdings. Out of the total cropland, area under temporary crops accounted to 92.5% and the remaining was the share of permanent crops. Considering the area under temporary crops by type of crop, the highest proportion was covered by cereals, followed by pulses, which accounted for 79.1% and 12.6%, respectively. Of all the area under permanent crops, coffee crops took the largest area, which account for 256,545 hectares (38.4%), followed by Enset, which covered about 237,959 hectares (35.6%). Among the total holders in the country who grows temporary crops (10,151,838), the largest number of holders (9,500,952) was cultivating cereals followed by holders (4,742,258) producing pulses. Similarly, among all holders (5,805,162) that are involved in growing permanent crops, the highest number (3,057,656) is growing Enset crops while the lowest number of holders (164,208) is cultivating other permanent crops. The overall average cropland area per holder in the country was estimated to be 0.85 hectare while area under temporary and permanent crops were estimated to be 0.81 hectare and 0.12 hectare, respectively. (See Summary Table IV.5 and Figure IV.5).

In rural areas of the country, temporary and permanent crops contribute about 92.6% and 7.4%, for private holdings, respectively. Out of the total area under temporary crops, the largest cultivated area was under cereal crops, followed by pulses, which contribute about 6,370,106 hectares (79.1%) and 1,017,257 hectares (12.6%), respectively. The number of holders producing these crops was estimated to be about 9,340,197 and 4,710,283 with corresponding average sizes of land area per holder are about 0.68 hectare and 0.22 hectare, respectively. (For details, refer to Summary Table IV.5).

## Summary Table IV.5: Distribution Of Cropland Area And Holders By Crop Categories In Rural And Urban Areas And Regions, For Private Holdings

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder(in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **RURAL + URBAN** | | | | |
| **All cropland** | 8861158 | | 10453811 | 0.85 |
| **All temporary crops** | 8193390 | 100.0 | 10151838 | 0.81 |
| Cereals | 6482657 | 79.1 | 9500952 | 0.68 |
| Pulses | 1028561 | 12.6 | 4742258 | 0.22 |
| Oilseeds | 434056 | 5.3 | 1854309 | 0.23 |
| Vegetables | 86039 | 1.1 | 3046339 | 0.03 |
| Root crops | 120316 | 1.5 | 2904130 | 0.04 |
| Other temporary | 41762 | 0.5 | 598597 | 0.07 |
| **All permanent crops** | 667768 | 100.0 | 5805162 | 0.12 |
| Fruit crops | 42463 | 6.4 | 2110342 | 0.02 |
| Chat | 97604 | 14.6 | 1545861 | 0.06 |
| Coffee | 256545 | 38.4 | 2386686 | 0.11 |
| Hops (Gesho) | 19098 | 2.9 | 1511400 | 0.01 |
| Enset | 237959 | 35.6 | 3057656 | 0.08 |
| Sugar cane | 13008 | 2.0 | 563310 | 0.02 |
| Other permanent | 1092 | 0.2 | 164208 | 0.01 |
| **RURAL** | | | | |
| **All cropland** | 8699869 | | 10248727 | 0.85 |
| **All temporary crops** | 8055117 | 100.0 | 9978569 | 0.81 |
| Cereals | 6370106 | 79.1 | 9340197 | 0.68 |
| Pulses | 1017257 | 12.6 | 4710283 | 0.22 |
| Oilseeds | 426130 | 5.3 | 1842145 | 0.23 |
| Vegetables | 84029 | 1.0 | 3030059 | 0.03 |
| Root crops | 116864 | 1.5 | 2888341 | 0.04 |
| Other temporary | 40733 | 0.5 | 595546 | 0.07 |
| **All permanent crops** | 644752 | 100.0 | 5712916 | 0.11 |
| Fruit crops | 40076 | 6.2 | 2080812 | 0.02 |
| Chat | 96066 | 14.9 | 1531718 | 0.06 |
| Coffee | 243834 | 37.8 | 2342290 | 0.1 |
| Hops (Gesho) | 18448 | 2.9 | 1499888 | 0.01 |
| Enset | 233492 | 36.2 | 3014497 | 0.08 |
| Sugar cane | 11775 | 1.8 | 557580 | 0.02 |
| Other permanent | 1060 | 0.2 | 163705 | 0.01 |
| **URBAN** | | | | |
| **All cropland** | 161289 | | 205084 | 0.79 |
| **All temporary crops** | 138273 | 100.0 | 173270 | 0.8 |
| Cereals | 112551 | 81.4 | 160754 | 0.7 |
| Pulses | 11304 | 8.2 | 31975 | 0.35 |
| Oilseeds | 7926 | 5.7 | 12164 | 0.65 |
| Vegetables | 2010 | 1.5 | 16280 | 0.12 |
| Root crops | 3453 | 2.5 | 15790 | 0.22 |
| Other temporary | 1029 | 0.7 | 3051 | 0.34 |
| **All permanent crops** | 23016 | 100.0 | 92246 | 0.25 |
| Fruit crops | 2386 | 10.4 | 29530 | 0.08 |
| Chat | 1538 | 6.7 | 14143 | 0.11 |
| Coffee | 12711 | 55.2 | 44396 | 0.29 |
| Hops(Gesho) | 650 | 2.8 | 11511 | 0.06 |
| Enset | 4467 | 19.4 | 43159 | 0.1 |
| Sugar cane | 1233 | 5.4 | 5730 | 0.22 |
| Other permanent | 31 | 0.1 | 503 | 0.06 |

*Note: Holders that reported by crop categories are not mutually exclusive.*

**Summary Table IV.5 (Continued)**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder( in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **TIGRAY** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 555694 | | 685040 | 0.81 |
| **All temporary crops** | 549427 | 100.0 | 682056 | 0.81 |
| Cereals | 471668 | 85.9 | 671340 | 0.7 |
| Pulses | 43443 | 7.9 | 297476 | 0.15 |
| Oilseeds | 31727 | 5.8 | 109075 | 0.29 |
| Vegetables | 1431 | 0.3 | 81806 | 0.02 |
| Root crops | 856 | 0.2 | 43394 | 0.02 |
| Other temporary | 302 | 0.1 | 4816 | 0.06 |
| **All permanent crops** | 6268 | 100.0 | 172766 | 0.04 |
| Fruit crops | 4400 | 70.2 | 99671 | 0.04 |
| Chat | 231 | 3.7 | 3763 | 0.06 |
| Coffee | 185 | 3.0 | 5917 | 0.03 |
| Hops (Gesho) | 1399 | 22.3 | 95860 | 0.01 |
| Enset | * | * | * | * |
| Sugar cane | * | * | * | * |
| Other permanent | 50 | 0.8 | 3846 | 0.01 |
| **AFAR** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 10721 | | 11092 | 0.97 |
| **All temporary crops** | 10328 | 100.0 | 10416 | 0.99 |
| Cereals | 8799 | 85.2 | 9587 | 0.92 |
| Pulses | 103 | 1.0 | 741 | 0.14 |
| Oilseeds | 142 | 1.4 | 847 | 0.17 |
| Vegetables | 126 | 1.2 | 677 | 0.19 |
| Root crops | 295 | 2.9 | 456 | 0.65 |
| Other temporary | * | * | 598 | * |
| **All permanent crops** | 393 | 100.0 | 2391 | 0.16 |
| Fruit crops | 382 | 97.2 | 2158 | 0.18 |
| Chat | * | * | * | * |
| Coffee | 1 | 0.3 | 30 | 0.03 |
| Hops (Gesho) | 4 | 1.0 | 127 | 0.03 |
| Enset | 0 | 0.0 | 0 | 0 |
| Sugar cane | 3 | 0.8 | 235 | 0.01 |
| Other permanent | * | * | * | * |
| **AMHARA** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 2977000 | | 3006330 | 0.99 |
| **All temporary crops** | 2954905 | 100.0 | 2994052 | 0.99 |
| Cereals | 2233001 | 75.6 | 2939592 | 0.76 |
| Pulses | 490771 | 16.6 | 1730801 | 0.28 |
| Oilseeds | 178650 | 6.1 | 852466 | 0.21 |
| Vegetables | 18126 | 0.6 | 714562 | 0.03 |
| Root crops | 16250 | 0.6 | 668750 | 0.02 |
| Other temporary | 18108 | 0.6 | 135465 | 0.13 |
| **All permanent crops** | 22095 | 100.0 | 947685 | 0.02 |
| Fruit crops | 2062 | 9.3 | 183173 | 0.01 |
| Chat | 2009 | 9.1 | 97016 | 0.02 |
| Coffee | 6264 | 28.4 | 227467 | 0.03 |
| Hops(Gesho) | 10426 | 47.2 | 759117 | 0.01 |
| Enset | 10 | 0.1 | 1796 | 0.01 |
| Sugar cane | 1014 | 4.6 | 43564 | 0.02 |
| Other permanent | 315 | 1.4 | 63390 | 0.005 |

**Summary Table IV.5 (Continued)**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder( in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **OROMIA** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 3961805 | | 4034120 | 0.98 |
| **All temporary crops** | 3625773 | 100.0 | 3953517 | 0.92 |
| Cereals | 2977913 | 82.1 | 3830263 | 0.78 |
| Pulses | 370775 | 10.2 | 1679593 | 0.22 |
| Oilseeds | 191091 | 5.3 | 721443 | 0.26 |
| Vegetables | 33619 | 0.9 | 1115889 | 0.03 |
| Root crops | 40890 | 1.1 | 1018468 | 0.04 |
| Other temporary | 11486 | 0.3 | 212528 | 0.05 |
| **All permanent crops** | 336032 | 100.0 | 2338202 | 0.14 |
| Fruit crops | 15831 | 4.7 | 849805 | 0.02 |
| Chat | 67174 | 20.0 | 919218 | 0.07 |
| Coffee | 175176 | 52.1 | 988594 | 0.18 |
| Hops (Gesho) | 5099 | 1.5 | 434800 | 0.01 |
| Enset | 67267 | 20.0 | 1031643 | 0.07 |
| Sugar cane | 5144 | 1.5 | 165417 | 0.03 |
| Other permanent | 345 | 0.1 | 49259 | 0.01 |
| **SOMALI** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 70090 | | 86789 | 0.81 |
| **All temporary crops** | 61974 | 100.0 | 84271 | 0.74 |
| Cereals | 58725 | 94.8 | 83393 | 0.7 |
| Pulses | 1409 | 2.3 | 13476 | 0.1 |
| Oilseeds | 502 | 0.8 | 6497 | 0.08 |
| Vegetables | 106 | 0.2 | 2057 | 0.05 |
| Root crops | 714 | 1.2 | 10456 | 0.07 |
| Other temporary | 519 | 0.8 | 2793 | 0.19 |
| **All permanent crops** | 8116 | 100.0 | 36009 | 0.23 |
| Fruit crops | 438 | 5.4 | 4659 | 0.09 |
| Chat | 7636 | 94.1 | 32372 | 0.24 |
| Coffee | * | * | * | * |
| Hops (Gesho) | * | * | * | * |
| Enset | 2 | 0.0 | * | * |
| Sugar cane | 1 | 0.0 | 117 | 0.01 |
| Other permanent | * | * | 146 | * |
| **BENISHANGUL-GUMUZ** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 146462 | | 127573 | 1.15 |
| **All temporary crops** | 143961 | 100.0 | 126622 | 1.14 |
| Cereals | 107506 | 74.7 | 124567 | 0.86 |
| Pulses | 6895 | 4.8 | 43094 | 0.16 |
| Oilseeds | 26861 | 18.7 | 73963 | 0.36 |
| Vegetables | 1550 | 1.1 | 41273 | 0.04 |
| Root crops | 793 | 0.6 | 28614 | 0.03 |
| Other temporary | 357 | 0.3 | 9843 | 0.04 |
| **All permanent crops** | 2501 | 100.0 | 53114 | 0.05 |
| Fruit crops | 1171 | 46.8 | 46220 | 0.03 |
| Chat | 125 | 5.0 | 8010 | 0.02 |
| Coffee | 1066 | 42.6 | 17394 | 0.06 |
| Hops(Gesho) | 66 | 2.6 | 7885 | 0.01 |
| Enset | 4 | 0.2 | 479 | 0.01 |
| Sugar cane | 56 | 2.2 | 3549 | 0.02 |
| Other permanent | 15 | 0.6 | 892 | 0.02 |

**Summary Table IV.5 (Continued)**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder( in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **S.N.N.P.R** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 1085248 | | 2427338 | 0.45 |
| **All temporary crops** | 799863 | 100.0 | 2227399 | 0.36 |
| Cereals | 587180 | 73.4 | 1773719 | 0.33 |
| Pulses | 109570 | 13.7 | 958890 | 0.11 |
| Oilseeds | 3376 | 0.4 | 80365 | 0.04 |
| Vegetables | 30242 | 3.8 | 1075273 | 0.03 |
| Root crops | 59524 | 7.4 | 1113046 | 0.05 |
| Other temporary | 9971 | 1.3 | 229114 | 0.04 |
| **All permanent crops** | 285385 | 100.0 | 2211516 | 0.13 |
| Fruit crops | 17290 | 6.1 | 896436 | 0.02 |
| Chat | 17884 | 6.3 | 464465 | 0.04 |
| Coffee | 70857 | 24.8 | 1134330 | 0.06 |
| Hops (Gesho) | 2052 | 0.7 | 209524 | 0.01 |
| Enset | 170273 | 59.7 | 2018107 | 0.08 |
| Sugar cane | 6679 | 2.3 | 344836 | 0.02 |
| Other permanent | 352 | 0.1 | 45113 | 0.01 |
| **GAMBELLA** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 13592 | | 30800 | 0.44 |
| **All temporary crops** | 9827 | 100.0 | 29159 | 0.34 |
| Cereals | 8254 | 84.0 | 26276 | 0.31 |
| Pulses | 117 | 1.2 | 3801 | 0.03 |
| Oilseeds | 367 | 3.7 | 2457 | 0.15 |
| Vegetables | 565 | 5.8 | 8840 | 0.06 |
| Root crops | 367 | 3.7 | 9849 | 0.04 |
| Other temporary | 156 | 1.6 | 3261 | 0.05 |
| **All permanent crops** | 3765 | 100.0 | 18692 | 0.2 |
| Fruit crops | 370 | 9.8 | 16103 | 0.02 |
| Chat | 38 | 1.0 | 2242 | 0.02 |
| Coffee | 2874 | 76.3 | 8201 | 0.35 |
| Hops (Gesho) | 14 | 0.4 | 1993 | 0.01 |
| Enset | 393 | 10.4 | 5171 | 0.08 |
| Sugar cane | 73 | 1.9 | 4841 | 0.02 |
| Other permanent | 4 | 0.1 | 1317 | 0 |
| **HARARI** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 8380 | | 14084 | 0.6 |
| **All temporary crops** | 6213 | 100.0 | 14002 | 0.44 |
| Cereals | 4811 | 77.4 | 13762 | 0.35 |
| Pulses | 30 | 0.5 | 1013 | 0.03 |
| Oilseeds | 1270 | 20.4 | 6450 | 0.2 |
| Vegetables | 11 | 0.2 | 936 | 0.01 |
| Root crops | 90 | 1.5 | 2159 | 0.04 |
| Other temporary | * | * | * | * |
| **All permanent crops** | 2167 | 100.0 | 12459 | 0.17 |
| Fruit crops | 338 | 15.6 | 7680 | 0.04 |
| Chat | 1752 | 80.9 | 10771 | 0.16 |
| Coffee | 35 | 1.6 | 1363 | 0.03 |
| Hops (Gesho) | * | * | * | * |
| Enset | * | * | * | * |
| Sugar cane | * | * | 502 | * |
| Other permanent | * | * | * | * |

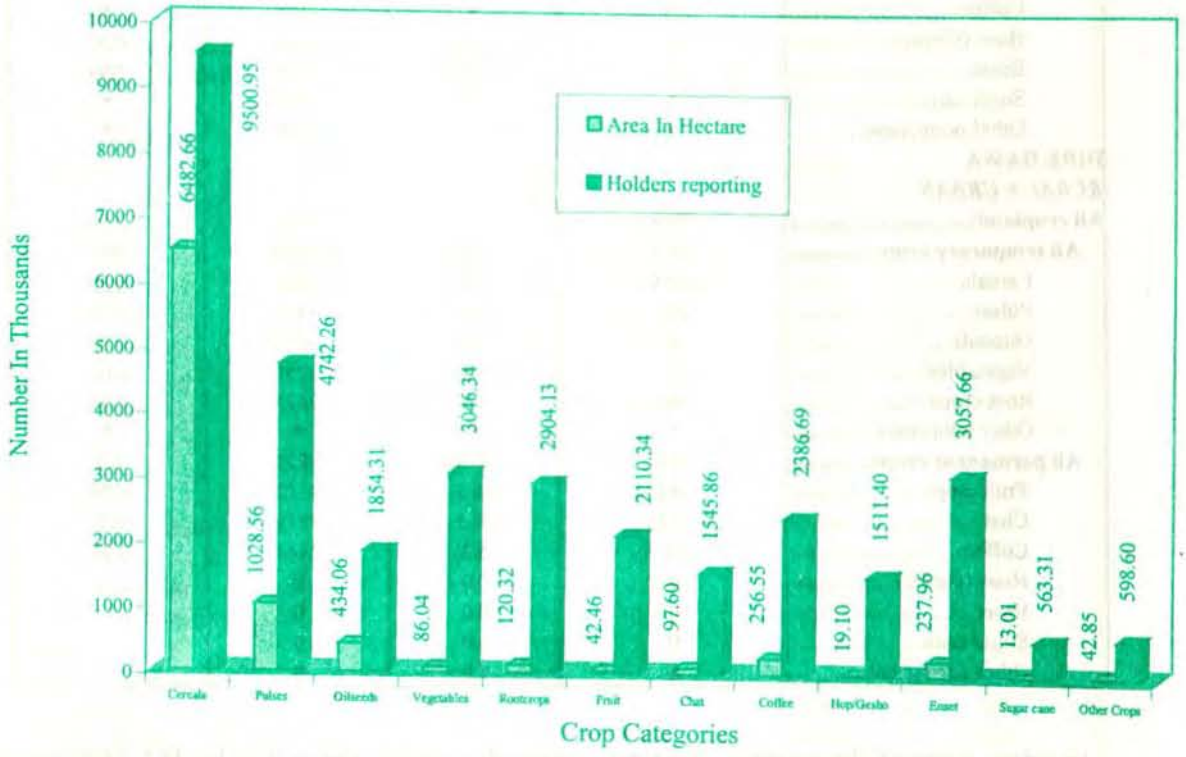
**Summary Table IV.5 (Continued)**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder( in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **ADDIS ABABA** | | | | |
| *RURAL + URBAN* | | | | |
| **All cropland** | 24238 | | 15946 | 1.52 |
| **All temporary crops** | 24188 | 100.0 | 15707 | 1.54 |
| Cereals | 18225 | 75.4 | 13843 | 1.32 |
| Pulses | 5244 | 21.7 | 10230 | 0.51 |
| Oilseeds | 37 | 0.2 | 308 | 0.12 |
| Vegetables | 231 | 1.0 | 3767 | 0.06 |
| Root crops | 451 | 1.9 | 6261 | 0.07 |
| Other temporary | * | * | * | * |
| **All permanent crops** | 49 | 100.0 | 2500 | 0.02 |
| Fruit crops | * | * | 126 | * |
| Chat | 1 | 2.0 | 181 | 0.01 |
| Coffee | * | * | 73 | * |
| Hops (Gesho) | 36 | 73.5 | 2046 | 0.02 |
| Enset | 10 | 20.4 | 370 | 0.03 |
| Sugar cane | * | * | 87 | * |
| Other permanent | * | * | 125 | * |
| **DIRE DAWA** | | | | |
| ***RURAL + URBAN*** | | | | |
| **All cropland** | 7928 | | 14701 | 0.54 |
| **All temporary crops** | 6931 | 100.0 | 14638 | 0.47 |
| Cereals | 6575 | 94.9 | 14611 | 0.45 |
| Pulses | 204 | 2.9 | 3143 | 0.06 |
| Oilseeds | 34 | 0.5 | 439 | 0.08 |
| Vegetables | 31 | 0.5 | 1258 | 0.02 |
| Root crops | 86 | 1.2 | 2675 | 0.03 |
| Other temporary | * | * | * | * |
| **All permanent crops** | 997 | 100.0 | 9829 | 0.1 |
| Fruit crops | 182 | 18.3 | 4312 | 0.04 |
| Chat | 753 | 75.5 | 7813 | 0.1 |
| Coffee | 62 | 6.2 | 2444 | 0.03 |
| Hops (Gesho) | 0 | 0.0 | 0 | - |
| Enset | 0 | 0.0 | 0 | - |
| Sugar cane | 0 | 0.0 | 0 | - |
| Other permanent | 0 | 0.0 | 0 | - |

In urban areas of the country, the total cropland area is estimated to be 161,289 hectares, of which temporary crops and permanent crops accounted for 85.7% and 14.3%, for private holdings, respectively. Considering the total area under temporary crops, cereals accounted for 112,551 hectares (81.4%) and the corresponding holders that cultivated cereal crops are estimated to be 160,754. Among land under permanent crops, coffee crops took the highest cultivated area i.e., 12,711 hectares (55.2%) and operated by 44,396 holders (See Summary Table IV.5).

As presented in Summary Table IV.4, the highest average area under temporary crops was reported as 1.54 hectares per holder in Addis Ababa Region, followed by Benishangul-Gumuz Region, which was 1.14 hectares per holder. The largest permanent cropland area was also estimated in Oromia Region, followed by S.N.N.P.R., which are estimated at 336,032 hectares (50.3%) and 285,385 hectares (42.7%) of the total permanent cropland area, respectively. Out of the total area under permanent crops in Oromia Region and S.N.N.P.R, coffee and Enset crops covered about 52.1% and 59.7% of the area, respectively.

**Figure IV.5: Distribution of Cropland Area And Holders By Crop Categories For Private Holdings, Meher Season**




## 5.2. Cropland Area Under Belg Season

The census results indicate that in the rural areas of the country about 1,031,441 hectares of land was cultivated under temporary crops by private holdings during Belg season and the estimated total number of holders practicing Belg season crops was found to be 4,640,331. Of the total temporary cropland area, cereals took the highest share of the cultivated area

(68.3%), followed by pulses (14.6%). Moreover, the highest area under Belg season was recorded in Oromia and then S.N.N.P.R, and have contributed about 471,888 hectares (45.8%) and 308,946 hectares (30%) of the country's Belg season area, in that order. In the country, the overall average area per holder during Belg season was estimated to be 0.22 hectare. Similarly, the highest average area per holder was obtained in Somali and Afar Regions, and these are 0.48 hectare and 0.46 hectare, respectively (See Summary Table IV.6).

**Summary Table IV.6: Distribution Of Cropland Area And Holders By Crop Categories In Rural Areas And Regions, For Private Holdings-Belg season**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder(in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **RURAL (NATIONAL)** | | | | |
| **All temporary crops** | 1031441 | 100.0 | 4640331 | 0.22 |
| Cereals | 704770 | 68.3 | 3198718 | 0.22 |
| Pulses | 150264 | 14.6 | 1503567 | 0.1 |
| Oilseeds | 4116 | 0.4 | 47432 | 0.09 |
| Vegetables | 14233 | 1.4 | 802664 | 0.02 |
| Root crops | 152602 | 14.8 | 1946668 | 0.08 |
| Other temporary | 5456 | 0.5 | 47353 | 0.12 |
| **TIGRAY** | | | | |
| **All temporary crops** | 13067 | 100.0 | 82447 | 0.16 |
| Cereals | 9749 | 74.6 | 59238 | 0.16 |
| Pulses | 1487 | 11.4 | 11162 | 0.13 |
| Oilseeds | 14 | 0.1 | 362 | 0.04 |
| Vegetables | 663 | 5.1 | 20418 | 0.03 |
| Root crops | 1125 | 8.6 | 25920 | 0.04 |
| Other temporary | * | * | 1077 | * |
| **AFAR** | | | | |
| **All temporary crops** | 929 | 100.0 | 2002 | 0.46 |
| Cereals | 715 | 77.0 | 1686 | 0.42 |
| Pulses | 52 | 5.6 | 315 | 0.17 |
| Oilseeds | * | * | * | * |
| Vegetables | * | * | * | * |
| Root crops | 49 | 5.3 | 125 | 0.39 |
| Other temporary | * | * | * | * |

**Summary Table IV.6 (Continued)**

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder(in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **AMHARA** | | | | |
| **All temporary crops** | 223280 | 100.0 | 1020985 | 0.22 |
| Cereals | 117341 | 52.6 | 496365 | 0.24 |
| Pulses | 40904 | 18.3 | 225934 | 0.18 |
| Oilseeds | 350 | 0.2 | 12244 | 0.03 |
| Vegetables | 1482 | 0.7 | 68360 | 0.02 |
| Root crops | 62992 | 28.2 | 579304 | 0.11 |
| Other temporary | 213 | 0.1 | 2172 | 0.1 |
| **OROMIA** | | | | |
| **All temporary crops** | 471888 | 100.0 | 1783405 | 0.26 |
| Cereals | 356144 | 75.5 | 1286686 | 0.28 |
| Pulses | 57993 | 12.3 | 501125 | 0.12 |
| Oilseeds | 3245 | 0.7 | 15720 | 0.21 |
| Vegetables | 4508 | 1.0 | 244114 | 0.02 |
| Root crops | 45729 | 9.7 | 577355 | 0.08 |
| Other temporary | 4273 | 0.9 | 14990 | 0.29 |
| **SOMLI** | | | | |
| **All temporary crops** | 8015 | 100.0 | 16769 | 0.48 |
| Cereals | 7366 | 91.9 | 16389 | 0.45 |
| Pulses | 504 | 6.3 | 3881 | 0.13 |
| Oilseeds | * | * | * | * |
| Vegetables | 8 | 0.1 | 171 | 0.05 |
| Root crops | * | * | 670 | * |
| Other temporary | - | - | - | - |
| **BENISHANGUL-GUMUZ** | | | | |
| **All temporary crops** | 905 | 100.0 | 11204 | 0.08 |
| Cereals | 379 | 41.9 | 6020 | 0.06 |
| Pulses | 105 | 11.6 | 3953 | 0.03 |
| Oilseeds | * | * | * | * |
| Vegetables | 37 | 4.1 | 3037 | 0.01 |
| Root crops | 377 | 41.7 | 5484 | 0.07 |
| Other temporary | * | * | * | * |
| **S.N.N.P.R** | | | | |
| **All temporary crops** | 308946 | 100.0 | 1700712 | 0.18 |
| Cereals | 209527 | 67.8 | 1312778 | 0.16 |
| Pulses | 48664 | 15.8 | 751668 | 0.06 |
| Oilseeds | 468 | 0.2 | 18704 | 0.03 |
| Vegetables | 7289 | 2.4 | 462431 | 0.02 |
| Root crops | 42075 | 13.6 | 754630 | 0.06 |
| Other temporary | 925 | 0.3 | 28592 | 0.03 |
| **GAMBELLA** | | | | |
| **All temporary crops** | 2987 | 100.0 | 14474 | 0.21 |
| Cereals | 2783 | 93.2 | 14378 | 0.19 |
| Pulses | 108 | 3.6 | 2848 | 0.04 |
| Oilseeds | 21 | 0.7 | 97 | 0.22 |
| Vegetables | 49 | 1.6 | 1944 | 0.03 |
| Root crops | 16 | 0.5 | 702 | 0.02 |
| Other temporary | 10 | 0.3 | 326 | 0.03 |

Summary Table IV.6 (Continued)

| Crop Categories | Area in Hectare | | Holders Reporting | Average Area per Holder( in Hectare) |
|---|---|---|---|---|
| | Number | Percent | | |
| **HARARI** | | | | |
| **All temporary crops** ..... | 989 | 100.0 | 3275 | 0.3 |
| Cereals ..... | * | * | 1590 | * |
| Pulses ..... | 445 | 45.0 | 2628 | 0.17 |
| Oilseeds ..... | * | * | * | * |
| Vegetables ..... | * | * | * | * |
| Root crops ..... | * | * | 372 | * |
| Other temporary ..... | - | - | - | - |
| **ADDIS ABABA** | | | | |
| **All temporary crops** ..... | 49 | 100.0 | 323 | 0.15 |
| Cereals ..... | * | * | 68 | * |
| Pulses ..... | * | * | 32 | * |
| Oilseeds ..... | - | - | - | - |
| Vegetables ..... | * | * | 232 | * |
| Root crops ..... | 10 | 20.4 | 170 | 0.06 |
| Other temporary ..... | - | - | - | - |
| **DIRE DAWA** | | | | |
| **All temporary crops** ..... | 385 | 100.0 | 4737 | 0.08 |
| Cereals ..... | 257 | 66.8 | 3521 | 0.07 |
| Pulses ..... | * | * | * | * |
| Oilseeds ..... | - | - | - | - |
| Vegetables ..... | 54 | 14.0 | 1487 | 0.04 |
| Root crops ..... | 75 | 19.5 | 1936 | 0.04 |
| Other temporary ..... | - | - | - | - |

*Note: Data users should no attempt to sum up cropland area under Belg season to the total land use area since the Belg season cropland area is part of the total land use area. However, providing Belg season information in this section is to show only how the holders shift the Meher/main season cropland area, fallow land and/or any other land into Belg season. On the other hand, data on Belg season crops in the urban area of the country have not beent covered in the census.*

## 6. AREA UNDER LAND TENURE SYSTEMS

Land tenure refers to the arrangements or rights under which the holder uses or owns the land of the holding. In this Agricultural Sample Census, tenure system is classified into three categories. The first is land owned or held in ownership like possession having recognition from local government/ Kebele; the second is land rented from other person either in cash or proper share of the produce or other rental agreement and the third is land possession in other forms (neither owned nor rented such as land possessed temporarily from others without any rental agreement or any other means).

Based on the above concept, data on land tenure systems was collected and the result indicates that in Ethiopia of the total land area (11,047,249 hectares), land owned by the operators accounted for 9,535,456 hectares (86.3%), land rented from other person accounted for 1,110,878 hectares (10.1%) and land obtained from other system was estimated to be 400,915 hectares (3.6%). Of the total holders (10,758,597) in the country, 10,547,597 holders owned the land they operated, while 2,134,137 holders operated the land by rental agreement and 1,000,815 holders used the land in other system of tenure. The average size of area per holder by type of tenure is estimated to be 0.9 hectares (for land owned), 0.52 hectare (for rented land) and 0.4 hectare (for other tenure system). For details refer to Summary Table IV.7 and Figure IV.6a.

Similarly in rural areas of the country, of the total area (10,885,960 hectares) of private holdings, most of land area was accounted to the title of ownership, which is estimated to be 9,416,735 hectares (86.5%) and operated by 10,367,541 holders. The average size of land area per holder under land owned and rented is 0.91 hectare and 0.51 hectare, respectively, while it is only 0.4 hectare for land held other tenure systems (See Summary Table IV.7).

In urban areas, the tenure system of private holdings is somewhat different where the proportion of land owned is 73.6% and that of rented land is 21.7%. On the other hand, the average size of land holding by type of tenure is estimated to be about 0.66 hectare, 0.93 hectares and 0.64 hectare per holder for land owned, land under rent and land under other tenure system, respectively. In urban areas the average size of rented land area per holder (0.93 hectare) is higher than that reported in rural areas (0.51 hectare) (See Summary Table IV.7).

Summary Table IV.7 also presents the distribution of land tenure systems for the regions. As indicated in the table, the highest area under land rented system was reported in Amhara Region, which is accounted to be 587,249 hectares (52.9%) of the national rented area. Also the highest average land holding size under land owned and rented were seen in Addis Ababa and Afar Regions with corresponding estimated value were 1.48 hectares and 1.07

hectares per holder, respectively and these estimates were relatively higher compared to those in the other regions (See Figure IV.6b).

**Summary Table IV.7: Distribution Of Land Area And Holders By Tenure Systems In Rural And Urban Areas And Regions, For Private Holdings**

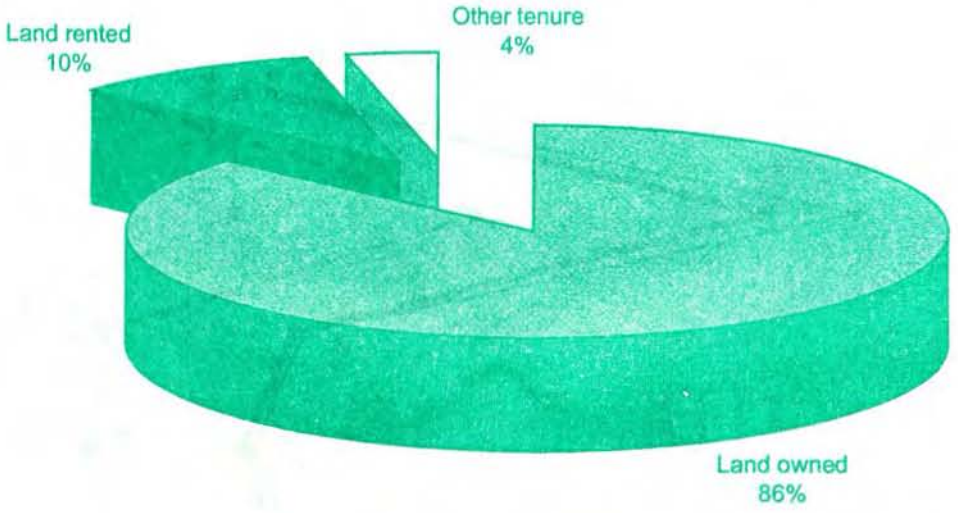
| Items | All Number | Type of Land Tenure Systems | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| **RURAL + URBAN** | | | | |
| All Area in Hectare | 11047249 | 9535456 | 1110878 | 400915 |
| Percent | 100 | 86.3 | 10.1 | 3.6 |
| All Holder | 10758597 | 10547597 | 2134137 | 1000815 |
| Average Area per Holder | 1.03 | 0.9 | 0.52 | 0.4 |
| **RURAL** | | | | |
| All Area in Hectare | 10885960 | 9416735 | 1075828 | 393398 |
| Percent | 98.5 | 86.5 | 9.9 | 3.6 |
| All Holder | 10553514 | 10367541 | 2096287 | 989031 |
| Average Area per Holder | 1.03 | 0.91 | 0.51 | 0.4 |
| **URBAN** | | | | |
| All Area in Hectare | 161289 | 118722 | 35050 | 7517 |
| Percent | 1.5 | 73.6 | 21.7 | 4.7 |
| All Holder | 205084 | 180056 | 37850 | 11784 |
| Average Area per Holder | 0.79 | 0.66 | 0.93 | 0.64 |
| **TIGRAY** | | | | |
| *RURAL + URBAN* | | | | |
| All Area in Hectare | 623908 | 523524 | 92456 | 7928 |
| Percent | 5.7 | 83.9 | 14.8 | 1.3 |
| All Holder | 708598 | 695713 | 179405 | 39867 |
| Average Area per Holder | 0.88 | 0.75 | 0.52 | 0.2 |
| **AFAR** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 16803 | 12817 | 1916 | 2070 |
| Percent | 0.2 | 76.3 | 11.4 | 12.3 |
| All Holder | 26360 | 23486 | 1798 | 5957 |
| Average Area per Holder | 0.64 | 0.55 | 1.07 | 0.35 |
| **AMHARA** | | | | |
| *RURAL + URBAN* | | | | |
| All Area in Hectare | 3396872 | 2779663 | 587249 | 29960 |
| Percent | 30.8 | 81.8 | 17.3 | 0.9 |
| All Holder | 3091017 | 3056460 | 1088705 | 132246 |
| Average Area per Holder | 1.1 | 0.91 | 0.54 | 0.23 |
| **OROMIA** | | | | |
| *RURAL + URBAN* | | | | |
| All Area in Hectare | 5150310 | 4501018 | 347667 | 301625 |
| Percent | 46.6 | 87.4 | 6.8 | 5.9 |
| All Holder | 4168441 | 4048956 | 616657 | 602632 |
| Average Area per Holder | 1.24 | 1.11 | 0.56 | 0.5 |
| **SOMALI** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 97833 | 96106 | 330 | 1397 |
| Percent | 0.9 | 98.2 | 0.3 | 1.4 |
| All Holder | 104839 | 104257 | 1307 | 5081 |
| Average Area per Holder | 0.93 | 0.92 | 0.25 | 0.27 |

**Summary Table IV.7(Continued)**

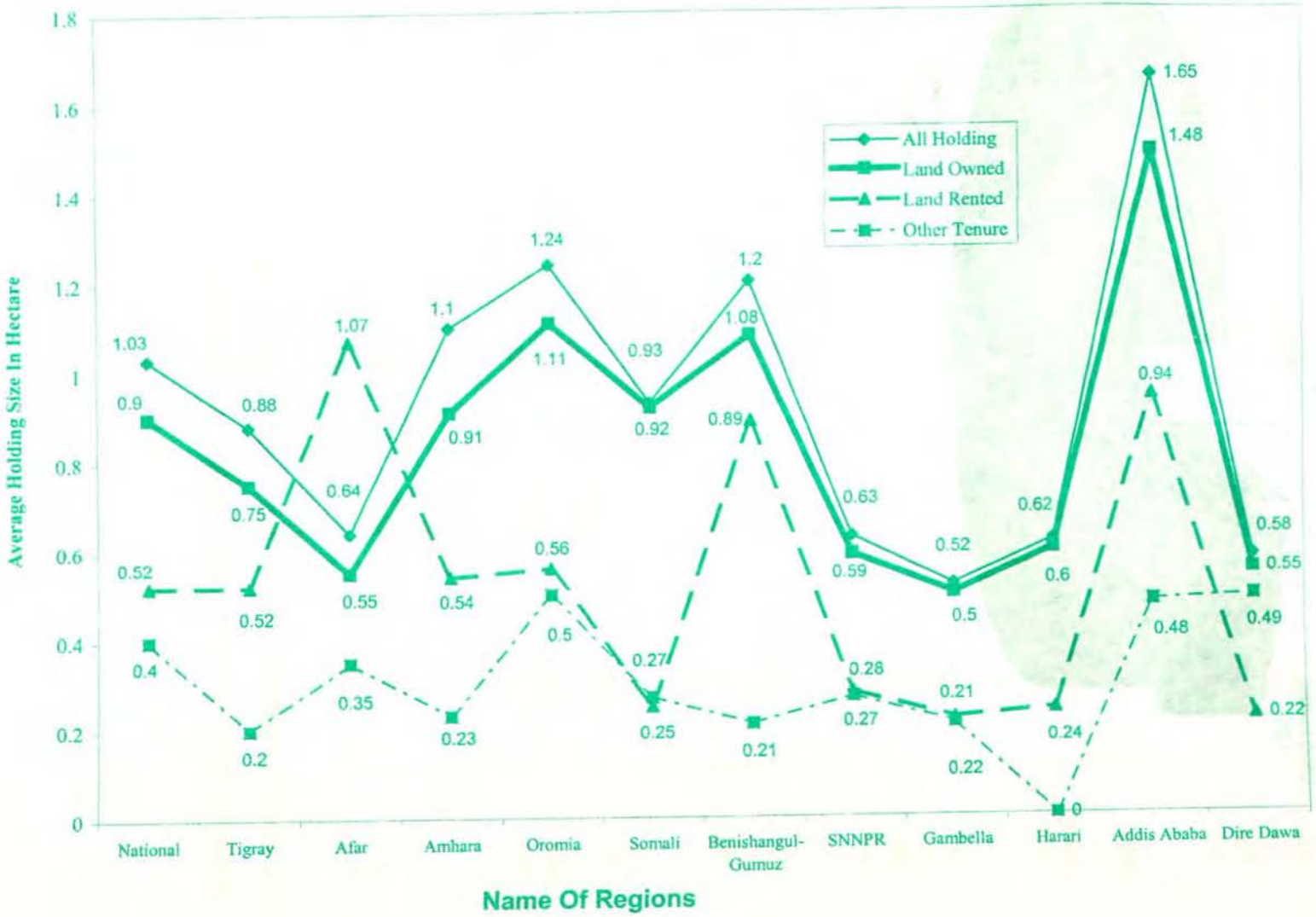
| Items | All Number | Type of Land Tenure Systems | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| **BENISHANGUL-GUMUZ** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 154308 | 137538 | 15886 | 884 |
| Percent | 1.4 | 89.1 | 10.3 | 0.6 |
| All Holder | 129019 | 126843 | 17942 | 4154 |
| Average Area per Holder | 1.2 | 1.08 | 0.89 | 0.21 |
| **S.N.N.P.R** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 1542534 | 1427332 | 60644 | 54558 |
| Percent | 14.0 | 92.5 | 3.9 | 3.5 |
| All Holder | 2449523 | 2413348 | 219763 | 204216 |
| Average Area per Holder | 0.63 | 0.59 | 0.28 | 0.27 |
| **GAMBELLA** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 17190 | 16078 | 626 | 486 |
| Percent | 0.2 | 93.5 | 3.6 | 2.8 |
| All Holder | 32767 | 32239 | 2793 | 2282 |
| Average Area per Holder | 0.52 | 0.5 | 0.22 | 0.21 |
| **HARARI** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 8944 | 8528 | 341 | * |
| Percent | 0.1 | 95.4 | 3.8 | * |
| All Holder | 14357 | 14270 | 1444 | 389 |
| Average Area per Holder | 0.62 | 0.6 | 0.24 | * |
| **ADDIS ABABA** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 29354 | 24313 | 3670 | 1371 |
| Percent | 0.3 | 82.8 | 12.5 | 4.7 |
| All Holder | 17775 | 16378 | 3908 | 2846 |
| Average Area per Holder | 1.65 | 1.48 | 0.94 | 0.48 |
| **DIRE DAWA** | | | | |
| ***RURAL + URBAN*** | | | | |
| All Area in Hectare | 9193 | 8540 | 92 | 561 |
| Percent | 0.08 | 92.9 | 1.0 | 6.1 |
| All Holder | 15902 | 15646 | 415 | 1146 |
| Average Area per Holder | 0.58 | 0.55 | 0.22 | 0.49 |

*Note: Holders that reported different type of land tenure systems should not be summed up to get the total number of holders since these holders are not mutually exclusive in each tenure systems.*

**Figure IV.6a: Percentage Distribution Of Total Area By Tenure Systems, For Private Holdings**



## Figure IV.6b: Comparison Of Average Land Holding Size Per Holder By Regions and Tenure Systems, For Private Holdings



# STATISTICAL TABLES PRESENTING RESULTS AT COUNTRY AND REGIONAL LEVELS

**Tables 4.1-4.57**

TABLE 4.1 NUMBER OF AGRICULTURAL HOLDERS BY TYPE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| TYPE OF HOLDING | All Number | Number of holders by size of holdings ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| All | 10758597 | 819394 | 3175027 | 2767746 | 2612288 | 1276773 | 97037 | 10333 |
| Crop Only | 1996800 | 269608 | 849868 | 484876 | 310511 | 78542 | 2736 | 658 |
| Livestock Only | 304790 | 217207 | 46828 | 20463 | 14244 | 5514 | 534 | - |
| Crop and Livestock | 8457008 | 332578 | 2278331 | 2262407 | 2287532 | 1192718 | 93767 | 9675 |

TABLE 4.1.1 RURAL HOLDINGS

| TYPE OF HOLDING | All Number | Number of holders by size of holdings ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| All | 10553514 | 767740 | 3104141 | 2727486 | 2585278 | 1264421 | 95068 | 9379 |
| Crop Only | 1947769 | 256654 | 828741 | 475870 | 306411 | 77155 | 2527 | 411 |
| Livestock Only | 304790 | 217207 | 46828 | 20463 | 14244 | 5514 | 534 | - |
| Crop and Livestock | 8300955 | 293879 | 2228572 | 2231153 | 2264623 | 1181752 | 92007 | 8968 |

TABLE 4.1.2 URBAN HOLDINGS

| TYPE OF HOLDING | All Number | Number of holders by size of holdings ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| All | 205084 | 51654 | 70886 | 40260 | 27010 | 12352 | 1969 | 954 |
| Crop Only | 49031 | 12955 | 21127 | 9006 | 4101 | 1387 | 209 | 247 |
| Crop and Livestock | 156053 | 38699 | 49760 | 31254 | 22909 | 10965 | 1760 | 707 |

TABLE 4.2. NUMBER OF AGRICULTURAL HOLDERS UNDER ALL HOLDINGS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under all holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 10758597 | 819394 | 3175027 | 2767746 | 2612288 | 1276773 | 97037 | 10333 |
| Tigray | 708598 | 49666 | 237468 | 211556 | 151890 | 53988 | 3022 | * |
| Afar | 26360 | 12545 | 3684 | 4259 | 3860 | 1818 | 152 | * |
| Amhara | 3091017 | 234792 | 680976 | 796725 | 942281 | 421024 | 14051 | 1169 |
| Oromia | 4168441 | 246517 | 1024551 | 1053893 | 1093627 | 670829 | 72123 | 6903 |
| Somali | 104839 | 12369 | 27158 | 30358 | 24364 | 9717 | 847 | * |
| Benishangul-Gumuz | 129019 | 9381 | 29729 | 30731 | 36893 | 20515 | 1645 | 124 |
| S.N.N.P.R | 2449523 | 241996 | 1140035 | 622162 | 347686 | 92319 | 4309 | 1015 |
| Gambella | 32767 | 5338 | 16051 | 6795 | 3548 | 956 | 75 | * |
| Harari | 14357 | 1177 | 6573 | 4076 | 2224 | 295 | 6 | * |
| Addis Ababa | 17775 | 3666 | 2411 | 2182 | 3634 | 5035 | 808 | 38 |
| Dire Dawa | 15902 | 1945 | 6390 | 5009 | 2282 | 276 | - | - |

TABLE 4.2.1 RURAL HOLDINGS

| Geographic Area | All Number | Number of holders under all holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 10553514 | 767740 | 3104141 | 2727486 | 2585278 | 1264421 | 95068 | 9379 |
| Tigray | 695143 | 47721 | 232426 | 208206 | 149821 | 53184 | 2855 | * |
| Afar | 25765 | 12480 | 3530 | 4085 | 3714 | 1777 | 139 | * |
| Amhara | 3058379 | 227389 | 670091 | 789344 | 937661 | 419046 | 13704 | 1144 |
| Oromia | 4072489 | 227054 | 993970 | 1033180 | 1077684 | 663147 | 71154 | 6301 |
| Somali | 101554 | 11621 | 25930 | 29579 | 23951 | 9610 | 836 | * |
| Benishangul-Gumuz | 125175 | 8521 | 29105 | 30003 | 36211 | 19862 | 1369 | 104 |
| S.N.N.P.R | 2400156 | 222681 | 1119729 | 615783 | 345239 | 91733 | 4186 | 806 |
| Gambella | 31155 | 4696 | 15455 | 6642 | 3426 | 890 | * | - |
| Harari | 13545 | 850 | 6188 | 4015 | 2209 | 283 | - | - |
| Addis Ababa | 14878 | 2896 | 1762 | 1692 | 3105 | 4613 | 780 | * |
| Dire Dawa | 15275 | 1831 | 5954 | 4956 | 2258 | 276 | - | - |

TABLE 4.2.2 URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under all holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 – 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 205084 | 51654 | 70886 | 40260 | 27010 | 12352 | 1969 | 954 |
| Tigray | 13455 | 1945 | 5042 | 3350 | 2069 | 804 | 167 | 80 |
| Afar | 595 | 66 | 154 | 174 | 147 | 41 | 13 | - |
| Amhara | 32639 | 7404 | 10885 | 7380 | 4620 | 1978 | 347 | 26 |
| Oromia | 95953 | 19463 | 30581 | 20713 | 15943 | 7683 | 969 | 602 |
| Somali | 3285 | 748 | 1227 | 779 | 412 | 107 | 11 | - |
| Benishangul-Gumuz | 3843 | 860 | 625 | 728 | 682 | 653 | 276 | 20 |
| S.N.N.P.R | 49366 | 19315 | 20306 | 6379 | 2448 | 587 | 123 | 209 |
| Gambella | 1611 | 642 | 596 | 153 | 122 | 66 | 29 | * |
| Harari | 811 | 326 | 385 | 61 | 15 | 12 | 6 | * |
| Addis Ababa | 2897 | 770 | 649 | 489 | 529 | 422 | 28 | * |
| Dire Dawa | 628 | 115 | 436 | 53 | 24 | - | - | - |

TABLE 4.3 NUMBER OF AGRICULTURAL HOLDERS UNDER CROP HOLDING BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under crop only holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 1996800 | 269608 | 849868 | 484876 | 310511 | 78542 | 2736 | 658 |
| Tigray | 145477 | 12287 | 75412 | 37387 | 16419 | 3478 | 391 | 105 |
| Afar | 1426 | 121 | 270 | 341 | 463 | 202 | * | * |
| Amhara | 622870 | 84947 | 232348 | 156313 | 119272 | 29207 | 650 | * |
| Oromia | 781590 | 71110 | 300793 | 222641 | 145652 | 39724 | 1306 | 366 |
| Somali | 10995 | 575 | 3196 | 3659 | 2629 | 756 | * | - |
| Benishangul-Gumuz | 31828 | 3840 | 11189 | 7969 | 6623 | 2080 | 127 | - |
| S.N.N.P.R | 389609 | 93596 | 220291 | 54064 | 18626 | 2934 | 62 | 37 |
| Gambella | 8111 | 1967 | 4031 | 1452 | 558 | 94 | * | - |
| Harari | 2406 | 351 | 1429 | 534 | 72 | * | - | * |
| Addis Ababa | 1747 | 738 | 440 | 373 | 146 | 51 | - | - |
| Dire Dawa | 740 | 77 | 469 | 143 | * | - | - | - |

TABLE 4.3.1 RURAL HOLDINGS

| Geographic Area | All Number | Number of holders under crop only holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 1947769 | 256654 | 828741 | 475870 | 306411 | 77155 | 2527 | 411 |
| Tigray | 141301 | 11622 | 73372 | 36397 | 16117 | 3365 | 359 | * |
| Afar | 1168 | 104 | 200 | 267 | 377 | 192 | * | * |
| Amhara | 614422 | 83114 | 228394 | 154580 | 118598 | 28988 | 614 | * |
| Oromia | 759978 | 66873 | 291627 | 218008 | 143156 | 38924 | 1201 | 191 |
| Somali | 9836 | 305 | 2713 | 3382 | 2528 | 735 | * | - |
| Benishangul-Gumuz | 31424 | 3790 | 11071 | 7896 | 6560 | 1988 | 120 | - |
| S.N.N.P.R | 377921 | 88248 | 215523 | 52952 | 18289 | 2860 | * | - |
| Gambella | 7731 | 1849 | 3868 | 1413 | 547 | 54 | - | - |
| Harari | 2057 | 199 | 1251 | 522 | * | * | - | - |
| Addis Ababa | 1301 | 508 | 322 | * | 123 | 35 | - | - |
| Dire Dawa | 630 | * | 400 | 138 | * | - | - | - |

TABLE 4.3.2 URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under crop only holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 49031 | 12955 | 21127 | 9006 | 4101 | 1387 | 209 | 247 |
| Tigray | 4176 | 665 | 2041 | 990 | 302 | 113 | 32 | 34 |
| Afar | 258 | 18 | 70 | 74 | 86 | 10 | - | - |
| Amhara | 8449 | 1833 | 3954 | 1733 | 675 | 219 | * | - |
| Oromia | 21612 | 4238 | 9166 | 4633 | 2497 | 801 | 105 | 175 |
| Somali | 1160 | 271 | 483 | 277 | 101 | 21 | 7 | - |
| Benishangul-Gumuz | 405 | 50 | 118 | 74 | 63 | * | * | - |
| S.N.N.P.R | 11688 | 5347 | 4768 | 1112 | 338 | 74 | 14 | 37 |
| Gambella | 380 | 118 | 163 | 39 | 11 | 41 | * | - |
| Harari | 348 | 152 | 178 | * | * | * | - | * |
| Addis Ababa | 446 | 230 | 118 | 59 | * | * | - | - |
| Dire Dawa | 110 | 34 | 69 | * | * | - | - | - |

TABLE 4. 4 NUMBER OF AGRICULTURAL HOLDERS UNDER LIVESTOCK HOLDING BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS

| Geographic Area | All Number | Number of holders under Livestock only holdings by size of holding (In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 304790 | 217207 | 46828 | 20463 | 14244 | 5514 | 534 | - |
| Tigray | 23558 | 21752 | 1523 | 125 | 92 | * | - | - |
| Afar | 15268 | 11697 | 1273 | 1088 | 873 | 309 | 29 | - |
| Amhara | 84687 | 75158 | 7423 | 1566 | 377 | 138 | * | - |
| Oromia | 134322 | 81383 | 26903 | 12394 | 9548 | 3785 | 311 | - |
| Somali | 18050 | 9540 | 3315 | 2773 | 1597 | 694 | 131 | - |
| Benishangul-Gumuz | 1449 | 1423 | * | - | - | * | - | - |
| S.N.N.P.R | 22186 | 12597 | 4933 | 2396 | 1715 | 509 | * | - |
| Gambella | 1967 | 782 | 1097 | 74 | * | - | - | - |
| Harari | * | * | * | - | - | - | - | - |
| Addis Ababa | 1829 | 1423 | 325 | * | * | * | - | - |
| Dire Dawa | 1202 | 1202 | - | - | - | - | - | - |

TABLE 4.5 NUMBER OF AGRICULTURAL HOLDERS UNDER CROP AND LIVESTOCK HOLDINGS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under crop and livestock holdings by size of holding (In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 8457008 | 332578 | 2278331 | 2262407 | 2287532 | 1192718 | 93767 | 9675 |
| Tigray | 539563 | 15628 | 160533 | 174044 | 135379 | 50444 | 2632 | * |
| Afar | 9666 | 727 | 2142 | 2830 | 2525 | 1307 | 111 | * |
| Amhara | 2383460 | 74688 | 441205 | 638846 | 822631 | 391680 | 13375 | 1036 |
| Oromia | 3252530 | 94025 | 696856 | 818859 | 938427 | 627321 | 70507 | 6537 |
| Somali | 75793 | 2255 | 20646 | 23926 | 20137 | 8267 | 536 | * |
| Benishangul-Gumuz | 95741 | 4119 | 18521 | 22762 | 30271 | 18428 | 1518 | 124 |
| S.N.N.P.R | 2037728 | 135804 | 914812 | 565703 | 327346 | 88877 | 4210 | 978 |
| Gambella | 22689 | 2588 | 10924 | 5269 | 2975 | 862 | 67 | * |
| Harari | 11678 | 571 | 5126 | 3542 | 2151 | 277 | 6 | * |
| Addis Ababa | 14199 | 1505 | 1646 | 1761 | 3461 | 4980 | 808 | 38 |
| Dire Dawa | 13960 | 667 | 5921 | 4866 | 2230 | 276 | - | - |

TABLE 4.5.1 RURAL HOLDINGS

| Geographic Area | All Number | Number of holders under crop and livestock holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 8300955 | 293879 | 2228572 | 2231153 | 2264623 | 1181752 | 92007 | 8968 |
| Tigray | 530284 | 14348 | 157532 | 171684 | 133612 | 49753 | 2497 | * |
| Afar | 9329 | 679 | 2057 | 2730 | 2464 | 1275 | 97 | * |
| Amhara | 2359270 | 69117 | 434275 | 633199 | 818685 | 389921 | 13064 | 1010 |
| Oromia | 3178189 | 78800 | 675440 | 802779 | 924980 | 620439 | 69642 | 6111 |
| Somali | 73668 | 1777 | 19902 | 23424 | 19826 | 8181 | 533 | * |
| Benishangul-Gumuz | 92303 | 3309 | 18014 | 22107 | 29652 | 17868 | 1250 | 104 |
| S.N.N.P.R | 2000050 | 121837 | 899273 | 560435 | 325235 | 88364 | 4100 | 806 |
| Gambella | 21457 | 2065 | 10490 | 5155 | 2865 | 836 | * | - |
| Harari | 11215 | 397 | 4918 | 3492 | 2140 | 267 | - | - |
| Addis Ababa | 11748 | 965 | 1115 | 1330 | 2954 | 4574 | 780 | * |
| Dire Dawa | 13442 | 586 | 5554 | 4817 | 2209 | 276 | - | - |

TABLE 4.5.2 URBAN HOLDINGS

| Geographic Area | All Number | Number of holders under crop and livestock holdings by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 156053 | 38699 | 49760 | 31254 | 22909 | 10965 | 1760 | 707 |
| Tigray | 9279 | 1280 | 3001 | 2359 | 1767 | 691 | 135 | 46 |
| Afar | 337 | 48 | 84 | 100 | 60 | 32 | 13 | - |
| Amhara | 24190 | 5571 | 6930 | 5648 | 3946 | 1759 | 311 | 26 |
| Oromia | 74340 | 15226 | 21416 | 16080 | 13447 | 6882 | 865 | 426 |
| Somali | 2126 | 478 | 744 | 502 | 312 | 86 | * | - |
| Benishangul-Gumuz | 3439 | 810 | 507 | 654 | 619 | 560 | * | 20 |
| S.N.N.P.R | 37678 | 13967 | 15539 | 5268 | 2110 | 513 | 110 | 172 |
| Gambella | 1231 | 524 | 433 | 114 | 110 | 26 | 20 | * |
| Harari | 463 | 174 | 207 | 50 | * | * | 6 | * |
| Addis Ababa | 2451 | 540 | 531 | 430 | 506 | 406 | 28 | * |
| Dire Dawa | 518 | 81 | 367 | 49 | 20 | - | - | - |

TABLE 4.6 NUMBER OF AGRICULTURAL HOUSEHOLD MEMBERS AND AGRICULTURAL HOUSEHOLDS BY SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Size of Holdings | All | | Number of Households | | | | |
|---|---|---|---|---|---|---|---|
| | Number of Members | Number of Household s | Households with One Member | Households with 2-3 Members | Households with 4-5 Members | Households with 6-9 Members | Households with 10 or More Members |
| All Holdings | 53696064 | 10419507 | 283870 | 2371935 | 3528277 | 3831684 | 403741 |
| Under 0.10 Hectare | 2788704 | 753703 | 83839 | 318522 | 220951 | 121313 | 9078 |
| 0.10 – 0.50 Hectare | 13493791 | 2978800 | 127596 | 906585 | 1077505 | 810981 | 56133 |
| 0.51 – 1.00 Hectare | 13645992 | 2683330 | 45511 | 611740 | 983972 | 963282 | 78825 |
| 1.01 – 2.00 Hectares | 14517881 | 2587029 | 21884 | 415512 | 878305 | 1157131 | 114196 |
| 2.01 – 5.00 Hectares | 8366580 | 1299726 | 4628 | 114309 | 347124 | 713629 | 120036 |
| 5.01 – 10.00 Hectares | 802059 | 106029 | 334 | 4429 | 18188 | 60373 | 22705 |
| Over 10 Hectares | 81056 | 10890 | * | 837 | 2232 | 4976 | 2769 |

TABLE 4.6.1 RURAL HOLDINGS

| Size of Holdings | All | | Number of Households | | | | |
|---|---|---|---|---|---|---|---|
| | Number of Members | Number of Household s | Households with One Member | Households with 2-3 Members | Households with 4-5 Members | Households with 6-9 Members | Households with 10 or More Members |
| All Holdings | 52612634 | 10216322 | 276858 | 2329278 | 3463800 | 3753973 | 392413 |
| Under 0.10 Hectare | 2523871 | 702433 | 81684 | 307025 | 204263 | 102903 | 6558 |
| 0.10 – 0.50 Hectare | 13140869 | 2909146 | 124680 | 889855 | 1055163 | 786379 | 53069 |
| 0.51 – 1.00 Hectare | 13430900 | 2643435 | 44410 | 603769 | 970862 | 947772 | 76622 |
| 1.01 – 2.00 Hectares | 14362286 | 2560132 | 21311 | 411231 | 870088 | 1145266 | 112236 |
| 2.01 – 5.00 Hectares | 8289779 | 1287208 | 4419 | 112651 | 343618 | 707737 | 118783 |
| 5.01 – 10.00 Hectares | 789516 | 104038 | 309 | 4076 | 17835 | 59352 | 22466 |
| Over 10 Hectares | 75414 | 9930 | * | 671 | 1971 | 4564 | 2679 |

TABLE 4.6.2 URBAN HOLDINGS

| Size of Holdings | All | | Number of Households | | | | |
|---|---|---|---|---|---|---|---|
| | Number of Members | Number of Household s | Households with One Member | Households with 2-3 Members | Households with 4-5 Members | Households with 6-9 Members | Households with 10 or More Members |
| All Holdings | 1083430 | 203185 | 7012 | 42657 | 64477 | 77711 | 11328 |
| Under 0.10 Hectare | 264833 | 51270 | 2155 | 11497 | 16688 | 18410 | 2520 |
| 0.10 – 0.50 Hectare | 352923 | 69655 | 2916 | 16730 | 22342 | 24602 | 3064 |
| 0.51 – 1.00 Hectare | 215092 | 39895 | 1101 | 7972 | 13110 | 15510 | 2203 |
| 1.01 – 2.00 Hectares | 155595 | 26897 | 573 | 4281 | 8217 | 11865 | 1960 |
| 2.01 – 5.00 Hectares | 76802 | 12518 | 209 | 1658 | 3506 | 5892 | 1253 |
| 5.01 – 10.00 Hectares | 12543 | 1991 | 25 | 353 | 353 | 1021 | 239 |
| Over 10 Hectares | 5642 | 959 | * | 166 | 261 | 411 | 90 |

TABLE 4.7 POPULATION IN AGRICULTURAL HOUSEHOLDS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Members | Number of Members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 53696064 | 2788704 | 13493791 | 13645992 | 14517881 | 8366580 | 802059 | 81056 |
| Tigray | 3437651 | 155371 | 971063 | 1089808 | 858010 | 338635 | 19606 | 5159 |
| Afar | 126424 | 60233 | 16334 | 19144 | 18898 | 10650 | 839 | * |
| Amhara | 14540356 | 656148 | 2505905 | 3615126 | 5003110 | 2643002 | 109904 | 7162 |
| Oromia | 21719959 | 905871 | 4364541 | 5169937 | 6118248 | 4487255 | 614119 | 59989 |
| Somali | 580935 | 64522 | 140041 | 166666 | 141178 | 63724 | 4599 | * |
| Benishangul-Gumuz | 607707 | 29434 | 113986 | 134856 | 186110 | 130687 | 11599 | 1036 |
| S.N.N.P.R | 12283001 | 865548 | 5236563 | 3360506 | 2128482 | 652505 | 32940 | 6457 |
| Gambella | 149591 | 19432 | 71121 | 32850 | 19378 | 6198 | 587 | * |
| Harari | 71003 | 4459 | 30530 | 21193 | 13100 | 1662 | * | * |
| Addis Ababa | 95897 | 19356 | 10767 | 8607 | 18055 | 30605 | 7833 | 674 |
| Dire Dawa | 83542 | 8330 | 32941 | 27300 | 13313 | 1658 | - | - |

TABLE 4.7.1 RURAL HOLDINGS

| Geographic Area | All Members | Number of Members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 52612634 | 2523871 | 13140869 | 13430900 | 14362286 | 8289779 | 789516 | 75414 |
| Tigray | 3374403 | 146777 | 949952 | 1073426 | 846671 | 334119 | 18633 | * |
| Afar | 124083 | 59941 | 15790 | 18443 | 18348 | 10447 | 786 | * |
| Amhara | 14382773 | 621054 | 2459818 | 3578307 | 4977445 | 2631374 | 107762 | 7013 |
| Oromia | 21207672 | 807148 | 4213063 | 5058726 | 6027100 | 4438134 | 607146 | 56356 |
| Somali | 561107 | 60425 | 132651 | 161884 | 138389 | 63004 | 4549 | * |
| Benishangul-Gumuz | 587359 | 25182 | 110814 | 131164 | 182134 | 126863 | 10339 | 864 |
| S.N.N.P.R | 12009465 | 762809 | 5124481 | 3323140 | 2112612 | 648880 | 32281 | 5264 |
| Gambella | 139919 | 15459 | 67878 | 31937 | 18411 | 5831 | * | - |
| Harari | 66894 | 2907 | 28575 | 20805 | 13015 | 1592 | - | - |
| Addis Ababa | 79056 | 14463 | 7385 | 6157 | 14995 | 27876 | 7618 | 562 |
| Dire Dawa | 79904 | 7707 | 30462 | 26912 | 13166 | 1658 | - | - |

TABLE 4.7.2 URBAN HOLDINGS

| Geographic Area | All Members | Number of Members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 1083430 | 264833 | 352923 | 215092 | 155595 | 76802 | 12543 | 5642 |
| Tigray | 63247 | 8595 | 21110 | 16382 | 11338 | 4516 | 972 | 335 |
| Afar | 2341 | 292 | 544 | 700 | 550 | 203 | 53 | - |
| Amhara | 157583 | 35094 | 46087 | 36820 | 25665 | 11628 | 2142 | 149 |
| Oromia | 512287 | 98723 | 151478 | 111211 | 91149 | 49121 | 6974 | 3633 |
| Somali | 19827 | 4097 | 7390 | 4781 | 2789 | 720 | * | - |
| Benishangul-Gumuz | 20348 | 4252 | 3172 | 3692 | 3976 | 3825 | 1260 | 172 |
| S.N.N.P.R | 273536 | 102738 | 112083 | 37367 | 15870 | 3626 | 659 | 1194 |
| Gambella | 9672 | 3973 | 3243 | 913 | 966 | 367 | 184 | * |
| Harari | 4108 | 1553 | 1955 | 387 | * | 70 | * | * |
| Addis Ababa | 16841 | 4893 | 3381 | 2450 | 3060 | 2729 | 216 | * |
| Dire Dawa | 3638 | 623 | 2480 | 388 | 147 | - | - | - |

TABLE 4.8 NUMBER OF AGRICULTURAL HOUSEHOLDS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 10419507 | 753703 | 2978800 | 2683330 | 2587029 | 1299726 | 106029 | 10890 |
| Tigray | 691262 | 45219 | 223716 | 210766 | 152585 | 54858 | 3109 | * |
| Afar | 25908 | 12410 | 3589 | 3976 | 3827 | 1913 | 152 | * |
| Amhara | 3026323 | 224486 | 640947 | 778321 | 938346 | 427656 | 15372 | 1196 |
| Oromia | 3982596 | 220130 | 922227 | 1001887 | 1069967 | 681561 | 79426 | 7399 |
| Somali | 103384 | 12206 | 26573 | 29698 | 24011 | 10023 | 847 | * |
| Benishangul-Gumuz | 123621 | 8297 | 27124 | 28898 | 36202 | 21265 | 1709 | 126 |
| S.N.N.P.R | 2387932 | 219644 | 1104277 | 612124 | 350560 | 95875 | 4437 | 1015 |
| Gambella | 31332 | 4585 | 15308 | 6806 | 3576 | 979 | 75 | * |
| Harari | 14256 | 1132 | 6498 | 4078 | 2242 | 295 | 6 | * |
| Addis Ababa | 17055 | 3648 | 2192 | 1812 | 3434 | 5001 | 898 | 70 |
| Dire Dawa | 15838 | 1945 | 6349 | 4965 | 2280 | 299 | - | - |

TABLE 4.8.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 10216322 | 702433 | 2909146 | 2643435 | 2560132 | 1287208 | 104038 | 9930 |
| Tigray | 677844 | 43288 | 218707 | 207417 | 150506 | 54054 | 2942 | * |
| Afar | 25314 | 12344 | 3435 | 3802 | 3683 | 1871 | 139 | * |
| Amhara | 2993947 | 217121 | 630273 | 770982 | 933714 | 425662 | 15024 | 1171 |
| Oromia | 3887918 | 200866 | 892468 | 981445 | 1054169 | 673740 | 78439 | 6792 |
| Somali | 100099 | 11458 | 25346 | 28919 | 23599 | 9916 | 836 | * |
| Benishangul-Gumuz | 119816 | 7464 | 26511 | 28171 | 35522 | 20610 | 1433 | 106 |
| S.N.N.P.R | 2338809 | 200432 | 1084108 | 605778 | 348093 | 95278 | 4314 | 806 |
| Gambella | 29725 | 3943 | 14711 | 6657 | 3455 | 913 | * | - |
| Harari | 13444 | 805 | 6113 | 4016 | 2226 | 283 | - | - |
| Addis Ababa | 14195 | 2882 | 1561 | 1334 | 2909 | 4583 | 866 | 61 |
| Dire Dawa | 15210 | 1831 | 5913 | 4912 | 2256 | 299 | - | - |

TABLE 4.8.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 203185 | 51270 | 69655 | 39895 | 26897 | 12518 | 1991 | 959 |
| Tigray | 13418 | 1932 | 5009 | 3348 | 2079 | 804 | 167 | 80 |
| Afar | 594 | 66 | 154 | 174 | 144 | 43 | 13 | - |
| Amhara | 32376 | 7365 | 10674 | 7339 | 4631 | 1994 | 348 | 26 |
| Oromia | 94678 | 19265 | 29758 | 20442 | 15798 | 7822 | 987 | 607 |
| Somali | 3285 | 748 | 1227 | 779 | 412 | 107 | 11 | - |
| Benishangul-Gumuz | 3805 | 834 | 614 | 726 | 680 | 655 | 276 | 20 |
| S.N.N.P.R | 49123 | 19212 | 20169 | 6346 | 2467 | 597 | 123 | 209 |
| Gambella | 1607 | 642 | 596 | 149 | 122 | 66 | 29 | * |
| Harari | 811 | 326 | 385 | 61 | 15 | 12 | 6 | * |
| Addis Ababa | 2860 | 766 | 632 | 478 | 526 | 419 | 32 | * |
| Dire Dawa | 628 | 115 | 436 | 53 | 24 | - | - | - |

TABLE 4.9 NUMBER OF AGRICULTURAL HOUSEHOLDS WITH ONE MEMBER BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with one member by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 283870 | 83839 | 127596 | 45511 | 21884 | 4628 | 334 | * |
| Tigray | 33807 | 6960 | 18313 | 5985 | 1940 | 445 | * | * |
| Afar | 1128 | 485 | 252 | 174 | 168 | * | - | * |
| Amhara | 102004 | 37630 | 41811 | 14733 | 6955 | 875 | * | - |
| Oromia | 70340 | 17298 | 25594 | 15342 | 9073 | 2845 | 190 | * |
| Somali | 2746 | 567 | 937 | 831 | 360 | * | 7 | - |
| Benishangul-Gumuz | 5392 | 1278 | 2211 | 1027 | 789 | 74 | 13 | 1 |
| S.N.N.P.R | 65523 | 18774 | 37061 | 7036 | 2395 | 252 | 1 | * |
| Gambella | 1827 | 487 | 973 | 237 | 101 | * | - | - |
| Harari | 462 | 97 | 299 | * | * | * | - | - |
| Addis Ababa | 310 | 81 | 63 | 60 | 65 | * | * | - |
| Dire Dawa | 332 | 185 | * | * | * | - | - | - |

TABLE 4.9.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households with one member by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 276858 | 81684 | 124680 | 44410 | 21311 | 4419 | 309 | * |
| Tigray | 33011 | 6834 | 17884 | 5844 | 1878 | 428 | * | * |
| Afar | 1091 | 483 | 238 | 170 | 152 | * | - | * |
| Amhara | 100619 | 37295 | 41146 | 14490 | 6845 | 844 | - | - |
| Oromia | 67258 | 16462 | 24339 | 14802 | 8767 | 2711 | 182 | - |
| Somali | 2650 | 551 | 892 | 815 | 348 | * | - | - |
| Benishangul-Gumuz | 5300 | 1234 | 2191 | 1014 | 785 | 70 | 6 | - |
| S.N.N.P.R | 64196 | 18032 | 36637 | 6924 | 2359 | 245 | - | - |
| Gambella | 1779 | 472 | 951 | 228 | 101 | * | - | - |
| Harari | 430 | 85 | 280 | * | * | - | - | - |
| Addis Ababa | 206 | 58 | 49 | 37 | 37 | * | * | - |
| Dire Dawa | 318 | 178 | * | * | * | - | - | - |

TABLE 4.9.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with one member by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 7012 | 2155 | 2916 | 1101 | 573 | 209 | 25 | * |
| Tigray | 796 | 125 | 429 | 141 | 62 | 16 | 1 | * |
| Afar | 37 | * | 14 | * | 16 | - | - | - |
| Amhara | 1385 | 335 | 665 | 243 | 110 | 31 | * | - |
| Oromia | 3082 | 836 | 1256 | 541 | 307 | 134 | * | * |
| Somali | 96 | 16 | 46 | 15 | 11 | - | 7 | - |
| Benishangul-Gumuz | 91 | 44 | 20 | 13 | * | * | * | 1 |
| S.N.N.P.R | 1327 | 742 | 425 | 111 | 36 | * | 1 | * |
| Gambella | 48 | * | 23 | * | - | 1 | - | - |
| Harari | 33 | 12 | 19 | - | - | * | - | - |
| Addis Ababa | 104 | 23 | * | 23 | 28 | * | - | - |
| Dire Dawa | 14 | * | 8 | - | - | - | - | - |

TABLE 4.10 NUMBER OF AGRICULTURAL HOUSEHOLDS WITH 2-3 MEMBERS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 2-3 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0 51 - 1 00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 2371935 | 318522 | 906585 | 611740 | 415512 | 114309 | 4429 | 837 |
| Tigray | 160035 | 18679 | 68360 | 43894 | 23000 | 5646 | 280 | * |
| Afar | 6315 | 3019 | 894 | 1002 | 969 | 367 | 52 | * |
| Amhara | 797610 | 121893 | 253942 | 215594 | 166322 | 38884 | 775 | 200 |
| Oromia | 799661 | 80282 | 264795 | 225537 | 169017 | 57251 | 2491 | 292 |
| Somali | 17826 | 2392 | 5081 | 4783 | 3826 | 1536 | * | - |
| Benishangul-Gumuz | 33112 | 3350 | 9586 | 8508 | 8530 | 2909 | 229 | - |
| S.N.N.P.R | 539002 | 85658 | 295936 | 108458 | 41567 | 6881 | 349 | * |
| Gambella | 8287 | 1581 | 4111 | 1759 | 698 | 138 | - | - |
| Harari | 3659 | 422 | 1913 | 789 | 450 | * | * | * |
| Addis Ababa | 3062 | 655 | 585 | 538 | 725 | 511 | * | - |
| Dire Dawa | 3365 | 591 | 1382 | 876 | 408 | * | - | - |

TABLE 4.10.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households with 2-3 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 2329278 | 307025 | 889855 | 603769 | 411231 | 112651 | 4076 | 671 |
| Tigray | 156508 | 18076 | 66733 | 43130 | 22642 | 5501 | 261 | * |
| Afar | 6080 | 3000 | 821 | 927 | 914 | 362 | * | * |
| Amhara | 789243 | 119842 | 250438 | 213919 | 165503 | 38616 | 733 | 194 |
| Oromia | 780993 | 76168 | 257954 | 221520 | 166560 | 56228 | 2387 | 177 |
| Somali | 17349 | 2265 | 4900 | 4656 | 3792 | 1530 | * | - |
| Benishangul-Gumuz | 32274 | 3176 | 9424 | 8331 | 8417 | 2845 | 81 | - |
| S.N.N.P.R | 529604 | 81600 | 292070 | 107475 | 41221 | 6794 | 323 | * |
| Gambella | 7941 | 1447 | 3970 | 1725 | 683 | 116 | - | - |
| Harari | 3450 | 322 | 1825 | 779 | 447 | * | - | - |
| Addis Ababa | 2585 | 551 | 431 | 438 | 647 | * | * | - |
| Dire Dawa | 3250 | 578 | 1289 | 870 | 405 | * | - | - |

TABLE 4.10.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 2-3 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0 51 - 1 00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 42657 | 11497 | 16730 | 7972 | 4281 | 1658 | 353 | 166 |
| Tigray | 3526 | 603 | 1627 | 765 | 358 | 145 | 20 | 9 |
| Afar | 235 | 19 | 73 | 75 | 55 | * | * | - |
| Amhara | 8367 | 2052 | 3505 | 1676 | 820 | 268 | 41 | 6 |
| Oromia | 18668 | 4114 | 6841 | 4017 | 2457 | 1023 | 104 | 115 |
| Somali | 477 | 128 | 182 | 127 | 34 | * | - | - |
| Benishangul-Gumuz | 838 | 174 | 162 | 178 | 113 | 64 | * | - |
| S.N.N.P.R | 9398 | 4057 | 3866 | 983 | 346 | 87 | 26 | 34 |
| Gambella | 346 | 134 | 140 | 35 | 15 | 22 | - | - |
| Harari | 210 | 100 | 88 | * | * | * | * | * |
| Addis Ababa | 476 | 104 | 154 | 100 | 78 | 36 | * | - |
| Dire Dawa | 116 | 13 | 92 | * | * | - | - | - |

TABLE 4.11 NUMBER OF AGRICULTURAL HOUSEHOLDS WITH 4-5 MEMBERS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 4-5 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0 51 - 1 00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 3528277 | 220951 | 1077505 | 983972 | 878305 | 347124 | 18188 | 2232 |
| Tigray | 223830 | 13774 | 72922 | 70371 | 50331 | 15261 | 798 | * |
| Afar | 9117 | 4517 | 1287 | 1425 | 1280 | 581 | * | - |
| Amhara | 1054695 | 49726 | 224625 | 311095 | 344812 | 121352 | 2683 | * |
| Oromia | 1312865 | 71361 | 334604 | 361789 | 354171 | 176700 | 13082 | 1159 |
| Somali | 31524 | 3854 | 9005 | 9664 | 6838 | 1942 | 220 | - |
| Benishangul-Gumuz | 40329 | 2301 | 8414 | 10226 | 12688 | 6328 | 353 | * |
| S.N.N.P.R | 829004 | 71555 | 416171 | 212783 | 104223 | 23083 | 912 | * |
| Gambella | 10813 | 1378 | 5435 | 2530 | 1192 | 253 | 26 | - |
| Harari | 4846 | 445 | 2057 | 1633 | 649 | * | * | - |
| Addis Ababa | 5898 | 1410 | 793 | 661 | 1421 | 1526 | 87 | - |
| Dire Dawa | 5355 | 631 | 2192 | 1795 | 701 | * | - | - |

TABLE 4.11.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households with 4-5 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 3463800 | 204263 | 1055163 | 970862 | 870088 | 343618 | 17835 | 1971 |
| Tigray | 219302 | 13118 | 71271 | 69141 | 49648 | 15020 | 750 | * |
| Afar | 8911 | 4487 | 1242 | 1365 | 1236 | 557 | * | - |
| Amhara | 1043849 | 47354 | 221005 | 308445 | 343322 | 120722 | 2605 | * |
| Oromia | 1282422 | 64728 | 324876 | 355133 | 349215 | 174588 | 12919 | 963 |
| Somali | 30656 | 3609 | 8689 | 9491 | 6745 | 1901 | 220 | - |
| Benishangul-Gumuz | 39216 | 2004 | 8238 | 9984 | 12490 | 6141 | 341 | * |
| S.N.N.P.R | 814203 | 65631 | 409989 | 210934 | 103638 | 22896 | 877 | * |
| Gambella | 10340 | 1169 | 5249 | 2508 | 1158 | 241 | * | - |
| Harari | 4583 | 335 | 1920 | 1622 | 645 | * | - | - |
| Addis Ababa | 5137 | 1231 | 612 | 458 | 1294 | * | 87 | - |
| Dire Dawa | 5182 | 596 | 2071 | 1781 | 697 | * | - | - |

TABLE 4.11.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 4-5 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0 51 - 1 00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 64477 | 16688 | 22342 | 13110 | 8217 | 3506 | 353 | 261 |
| Tigray | 4528 | 656 | 1651 | 1230 | 683 | 241 | 48 | 19 |
| Afar | 206 | 29 | 45 | 60 | 44 | 24 | * | - |
| Amhara | 10846 | 2372 | 3620 | 2650 | 1491 | 631 | 78 | * |
| Oromia | 30443 | 6633 | 9729 | 6656 | 4956 | 2113 | 163 | 196 |
| Somali | 868 | 245 | 316 | 173 | 93 | 41 | - | - |
| Benishangul-Gumuz | 1113 | 297 | 177 | 243 | 197 | 188 | 12 | - |
| S.N.N.P.R | 14801 | 5923 | 6182 | 1848 | 585 | 187 | 35 | 41 |
| Gambella | 473 | 208 | 185 | 21 | 34 | 12 | * | - |
| Harari | 263 | 110 | 136 | 11 | * | - | * | - |
| Addis Ababa | 761 | 179 | 181 | 204 | 128 | 70 | - | - |
| Dire Dawa | 174 | 36 | 120 | 14 | * | - | - | - |

TABLE 4.12 NUMBER OF AGRICULTURAL HOUSEHOLDS WITH 6-9 MEMBERS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 6-9 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 3831684 | 121313 | 810981 | 963282 | 1157131 | 713629 | 60373 | 4976 |
| Tigray | 257611 | 5628 | 61634 | 85625 | 72547 | 30228 | 1601 | * |
| Afar | 8552 | 4078 | 1100 | 1259 | 1229 | 811 | 62 | * |
| Amhara | 1017650 | 14905 | 117427 | 228798 | 401066 | 245266 | 9775 | 414 |
| Oromia | 1576394 | 47365 | 274005 | 363051 | 476948 | 366239 | 45092 | 3696 |
| Somali | 44269 | 4876 | 10412 | 12523 | 10893 | 5189 | 350 | * |
| Benishangul-Gumuz | 39372 | 1237 | 6275 | 8421 | 12738 | 9800 | 830 | 72 |
| S.N.N.P.R | 861621 | 40389 | 330727 | 257529 | 177349 | 53044 | 2222 | 362 |
| Gambella | 9086 | 912 | 4262 | 2073 | 1396 | 403 | 35 | * |
| Harari | 4795 | 157 | 2037 | 1471 | 991 | 133 | * | * |
| Addis Ababa | 6259 | 1246 | 630 | 498 | 1058 | 2384 | 405 | 39 |
| Dire Dawa | 6075 | 522 | 2471 | 2034 | 916 | 131 | - | - |

TABLE 4.12.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households with 6-9 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 3753973 | 102903 | 786379 | 947772 | 1145266 | 707737 | 59352 | 4564 |
| Tigray | 253395 | 5119 | 60404 | 84507 | 71670 | 29868 | 1508 | * |
| Afar | 8442 | 4066 | 1078 | 1226 | 1200 | 800 | 61 | * |
| Amhara | 1006859 | 12507 | 114669 | 226250 | 399101 | 244331 | 9599 | 403 |
| Oromia | 1539439 | 40470 | 263371 | 355041 | 469952 | 362593 | 44544 | 3471 |
| Somali | 42751 | 4554 | 9854 | 12134 | 10685 | 5149 | 350 | * |
| Benishangul-Gumuz | 37807 | 965 | 6065 | 8157 | 12396 | 9434 | 732 | * |
| S.N.N.P.R | 841284 | 32999 | 322265 | 254614 | 176217 | 52794 | 2161 | * |
| Gambella | 8618 | 767 | 4083 | 2013 | 1356 | 380 | * | - |
| Harari | 4528 | * | 1916 | 1438 | 984 | * | - | - |
| Addis Ababa | 5048 | 933 | 385 | 378 | 802 | 2130 | 380 | 39 |
| Dire Dawa | 5802 | 463 | 2291 | 2014 | 903 | 131 | - | - |

TABLE 4.12.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 6-9 members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 77711 | 18410 | 24602 | 15510 | 11865 | 5892 | 1021 | 411 |
| Tigray | 4216 | 509 | 1230 | 1117 | 877 | 360 | 93 | 30 |
| Afar | 110 | 13 | 22 | 34 | 30 | 11 | 1 | - |
| Amhara | 10791 | 2398 | 2758 | 2548 | 1965 | 935 | 177 | 11 |
| Oromia | 36955 | 6896 | 10634 | 8010 | 6997 | 3646 | 549 | 225 |
| Somali | 1518 | 322 | 559 | 389 | 208 | 41 | - | - |
| Benishangul-Gumuz | 1565 | 272 | 210 | 264 | 342 | 366 | 98 | 13 |
| S.N.N.P.R | 20337 | 7390 | 8462 | 2915 | 1133 | 251 | 61 | 126 |
| Gambella | 467 | 146 | 180 | 60 | 39 | 22 | 17 | * |
| Harari | 267 | 94 | 122 | 33 | * | * | * | * |
| Addis Ababa | 1212 | 313 | 245 | 120 | 255 | 254 | * | - |
| Dire Dawa | 273 | 59 | 181 | 20 | 13 | - | - | - |

TABLE 4.13 NUMBER OF AGRICULTURAL HOUSEHOLDS WITH 10 OR MORE MEMBERS BY GEOGRAPHIC AREA AND SIZE OF HOLDING
BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 10 or more members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 403741 | 9078 | 56133 | 78825 | 114196 | 120036 | 22705 | 2769 |
| Tigray | 15979 | 179 | 2487 | 4890 | 4767 | 3278 | 328 | * |
| Afar | 796 | 311 | 56 | 115 | 181 | 110 | * | * |
| Amhara | 54365 | 333 | 3143 | 8102 | 19191 | 21280 | 2138 | * |
| Oromia | 223336 | 3827 | 23231 | 36171 | 60759 | 78529 | 18574 | 2249 |
| Somali | 7019 | 516 | 1137 | 1897 | 2095 | 1312 | * | - |
| Benishangul-Gumuz | 5417 | 132 | 638 | 716 | 1458 | 2154 | 285 | 35 |
| S.N.N.P.R | 92783 | 3271 | 24383 | 26320 | 25027 | 12617 | 954 | * |
| Gambella | 1319 | 227 | 527 | 206 | 189 | 157 | * | - |
| Harari | 493 | * | 192 | 138 | 133 | * | - | - |
| Addis Ababa | 1526 | 256 | 120 | 55 | * | 558 | 341 | * |
| Dire Dawa | 710 | * | 220 | 217 | 232 | * | - | - |

TABLE 4.13.1 RURAL HOLDINGS

| Geographic Area | All Households | Number of Households with 10 or more members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 392413 | 6558 | 53069 | 76622 | 112236 | 118783 | 22466 | 2679 |
| Tigray | 15627 | 141 | 2415 | 4795 | 4668 | 3237 | 323 | * |
| Afar | 791 | 308 | 56 | 115 | 181 | 108 | * | * |
| Amhara | 53377 | * | 3015 | 7879 | 18945 | 21151 | 2088 | * |
| Oromia | 217806 | 3040 | 21931 | 34951 | 59677 | 77620 | 18410 | 2181 |
| Somali | 6693 | 479 | 1011 | 1823 | 2028 | 1293 | * | - |
| Benishangul-Gumuz | 5219 | 84 | 593 | 687 | 1433 | 2120 | 273 | * |
| S.N.N.P.R | 89522 | 2170 | 23149 | 25831 | 24659 | 12550 | 954 | * |
| Gambella | 1047 | 88 | 458 | 182 | 156 | 149 | * | - |
| Harari | 454 | - | 173 | 131 | 133 | * | - | - |
| Addis Ababa | 1219 | 108 | 84 | * | * | 516 | 337 | * |
| Dire Dawa | 659 | * | 186 | 205 | 228 | * | - | - |

TABLE 4.13.2 URBAN HOLDINGS

| Geographic Area | All Households | Number of Households with 10 or more members by size of holding ( In hectares) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 – 5.00 | 5.01 - 10 | Over 10 |
| National | 11328 | 2520 | 3064 | 2203 | 1960 | 1253 | 239 | 90 |
| Tigray | 352 | 39 | 73 | 95 | 99 | 42 | 5 | - |
| Afar | * | * | - | - | - | * | - | - |
| Amhara | 988 | 209 | 127 | 223 | 246 | 130 | * | * |
| Oromia | 5530 | 787 | 1301 | 1221 | 1083 | 909 | 164 | 68 |
| Somali | 326 | 37 | 126 | 74 | 67 | 19 | * | - |
| Benishangul-Gumuz | 198 | 48 | 45 | 29 | 25 | 33 | 12 | * |
| S.N.N.P.R | 3261 | 1101 | 1235 | 489 | 368 | 67 | - | * |
| Gambella | 273 | 139 | 68 | * | * | * | - | - |
| Harari | 39 | * | 19 | * | - | * | - | - |
| Addis Ababa | 307 | 148 | 36 | 30 | 37 | 43 | * | * |
| Dire Dawa | 51 | - | 35 | * | * | - | - | - |

TABLE 4.14. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS BY LAND USE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Land Use By Size Of Holdings | Number Of Holders | Holding Area in Hectares | Number Of Parcels |
|---|---|---|---|
| Holdings Of All Sizes | | | |
| All | 10758597 | 11047249 | 35340605 |
| Land Under Temporary Crops | 10151839 | 8193391 | 27604991 |
| Land Under Permanent Crops | 5805161 | 667768 | 7565282 |
| Grazing Land | 3727319 | 957856 | 4784549 |
| Fallow Land | 3278341 | 839949 | 4310677 |
| Woodland | 1486960 | 87053 | 1695148 |
| All Other Land | 10226668 | 301232 | 11004255 |
| Holdings Under 0.10 Hectare Sizes | | | |
| All | 819394 | 38418 | 1040581 |
| Land Under Temporary Crops | 485781 | 17684 | 547891 |
| Land Under Permanent Crops | 356767 | 10248 | 393395 |
| Grazing Land | 61210 | 1230 | 62422 |
| Fallow Land | 54681 | 1320 | 55830 |
| Woodland | 22342 | 262 | 22919 |
| All Other Land | 711897 | 7674 | 721681 |
| Holdings Of 0.10-0.50 Hectare Sizes | | | |
| All | 3175027 | 933428 | 6824308 |
| Land Under Temporary Crops | 2979440 | 605341 | 5073119 |
| Land Under Permanent Crops | 1932370 | 164531 | 2437476 |
| Grazing Land | 851316 | 54214 | 920166 |
| Fallow Land | 702486 | 55332 | 774078 |
| Woodland | 336297 | 9247 | 357728 |
| All Other Land | 2935090 | 44766 | 3044876 |
| Holdings Of 0.51-1.00 Hectare Sizes | | | |
| All | 2767746 | 2021798 | 8746021 |
| Land Under Temporary Crops | 2720490 | 1500001 | 6860420 |
| Land Under Permanent Crops | 1520818 | 184504 | 2018744 |
| Grazing Land | 943542 | 124730 | 1128574 |
| Fallow Land | 864687 | 133197 | 1064344 |
| Woodland | 408045 | 19316 | 460419 |
| All Other Land | 2660548 | 60051 | 2843319 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | |
| All | 2612288 | 3682947 | 11049062 |
| Land Under Temporary Crops | 2590155 | 2879473 | 8914947 |
| Land Under Permanent Crops | 1331868 | 179912 | 1800580 |
| Grazing Land | 1079451 | 249466 | 1409019 |
| Fallow Land | 984849 | 259902 | 1350947 |
| Woodland | 424309 | 26701 | 493584 |
| All Other Land | 2556814 | 87493 | 2814135 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | |
| All | 1276773 | 3605515 | 6977317 |
| Land Under Temporary Crops | 1269563 | 2725169 | 5663892 |
| Land Under Permanent Crops | 615621 | 99846 | 847063 |
| Grazing Land | 712731 | 373841 | 1089720 |
| Fallow Land | 603993 | 302376 | 936014 |
| Woodland | 264040 | 24287 | 318848 |
| All Other Land | 1258148 | 79997 | 1451158 |
| Holdings Of 5.01-10.00 Hectares | | | |
| All | 97037 | 612070 | 637556 |
| Land Under Temporary Crops | 96278 | 378326 | 483171 |
| Land Under Permanent Crops | 42685 | 15645 | 60485 |
| Grazing Land | 72165 | 124589 | 155705 |
| Fallow Land | 62111 | 72614 | 117881 |
| Woodland | 28538 | 5516 | 37340 |
| All Other Land | 94897 | 15379 | 117468 |
| Holdings Over 10.00 Hectares | | | |
| All | 10333 | 153072 | 65827 |
| Land Under Temporary Crops | 10132 | 87398 | 47468 |
| Land Under Permanent Crops | 5032 | 13083 | 7539 |
| Grazing Land | 6905 | 29786 | 18942 |
| Fallow Land | 5534 | 15207 | 11584 |
| Woodland | 3389 | 1725 | 4310 |
| All Other Land | 9274 | 5872 | 11618 |

TABLE 4.14.1 RURAL HOLDINGS

| Land Use By Size Of Holdings | Number Of Holders | Holding Area in Hectares | Number Of Parcels |
|---|---|---|---|
| Holdings Of All Sizes | | | |
| All | 10553514 | 10885960 | 34958173 |
| Land Under Temporary Crops | 9978569 | 8055117 | 27293567 |
| Land Under Permanent Crops | 5712916 | 644752 | 7455537 |
| Grazing Land | 3727319 | 957856 | 4784549 |
| Fallow Land | 3278341 | 839949 | 4310677 |
| Woodland | 1486960 | 87053 | 1695148 |
| All Other Land | 10226668 | 301232 | 11004255 |
| Holdings Under 0.10 Hectare Sizes | | | |
| All | 767740 | 36428 | 981313 |
| Land Under Temporary Crops | 455064 | 16632 | 512837 |
| Land Under Permanent Crops | 322988 | 9310 | 357735 |
| Grazing Land | 61210 | 1230 | 62422 |
| Fallow Land | 54681 | 1320 | 55830 |
| Woodland | 22342 | 262 | 22919 |
| All Other Land | 711897 | 7674 | 721681 |
| Holdings Of 0.10-0.50 Hectare Sizes | | | |
| All | 3104141 | 913948 | 6720404 |
| Land Under Temporary Crops | 2917063 | 589657 | 4997469 |
| Land Under Permanent Crops | 1899267 | 160732 | 2397286 |
| Grazing Land | 851316 | 54214 | 920166 |
| Fallow Land | 702486 | 55332 | 774078 |
| Woodland | 336297 | 9247 | 357728 |
| All Other Land | 2935090 | 44766 | 3044876 |
| Holdings Of 0.51-1.00 Hectare Sizes | | | |
| All | 2727486 | 1992541 | 8656108 |
| Land Under Temporary Crops | 2681559 | 1473663 | 6782925 |
| Land Under Permanent Crops | 1507153 | 181584 | 2001216 |
| Grazing Land | 943542 | 124730 | 1128574 |
| Fallow Land | 864687 | 133197 | 1064344 |
| Woodland | 408045 | 19316 | 460419 |
| All Other Land | 2660548 | 60051 | 2843319 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | |
| All | 2585278 | 3645107 | 10968824 |
| Land Under Temporary Crops | 2563705 | 2844438 | 8851034 |
| Land Under Permanent Crops | 1324380 | 177108 | 1790090 |
| Grazing Land | 1079451 | 249466 | 1409019 |
| Fallow Land | 984849 | 259902 | 1350947 |
| Woodland | 424309 | 26701 | 493584 |
| All Other Land | 2556814 | 87493 | 2814135 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | |
| All | 1264421 | 3569828 | 6936557 |
| Land Under Temporary Crops | 1257502 | 2692151 | 5626158 |
| Land Under Permanent Crops | 612549 | 97176 | 842695 |
| Grazing Land | 712731 | 373841 | 1089720 |
| Fallow Land | 603993 | 302376 | 936014 |
| Woodland | 264040 | 24287 | 318848 |
| All Other Land | 1258148 | 79997 | 1451158 |
| Holdings Of 5.01-10.00 Hectares | | | |
| All | 95068 | 599037 | 631427 |
| Land Under Temporary Crops | 94411 | 367370 | 477528 |
| Land Under Permanent Crops | 42110 | 13568 | 59721 |
| Grazing Land | 72165 | 124589 | 155705 |
| Fallow Land | 62111 | 72614 | 117881 |
| Woodland | 28538 | 5516 | 37340 |
| All Other Land | 94897 | 15379 | 117468 |
| Holdings Over 10.00 Hectares | | | |
| All | 9379 | 129071 | 63541 |
| Land Under Temporary Crops | 9265 | 71207 | 45616 |
| Land Under Permanent Crops | 4468 | 5273 | 6794 |
| Grazing Land | 6905 | 29786 | 18942 |
| Fallow Land | 5534 | 15207 | 11584 |
| Woodland | 3389 | 1725 | 4310 |
| All Other Land | 9274 | 5872 | 11618 |

TABLE 4.14.2 URBAN HOLDINGS

| Land Use By Size Of Holdings | Number Of Holders | Holding Area in Hectares | Number Of Parcels |
|---|---|---|---|
| Holdings Of All Sizes | | | |
| All | 205084 | 161289 | 382432 |
| Land Under Temporary Crops | 173270 | 138274 | 311424 |
| Land Under Permanent Crops | 92245 | 23016 | 109745 |
| Holdings Under 0.10 Hectares Sizes | | | |
| All | 51654 | 1990 | 59268 |
| Land Under Temporary Crops | 30717 | 1052 | 35054 |
| Land Under Permanent Crops | 33779 | 938 | 35660 |
| Holdings Of 0.10-0.50 Hectares Sizes | | | |
| All | 70886 | 19480 | 103904 |
| Land Under Temporary Crops | 62377 | 15684 | 75650 |
| Land Under Permanent Crops | 33103 | 3799 | 40190 |
| Holdings Of 0.51-1.00 Hectares Sizes | | | |
| All | 40260 | 29257 | 89913 |
| Land Under Temporary Crops | 38931 | 26338 | 77495 |
| Land Under Permanent Crops | 13665 | 2919 | 17528 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | |
| All | 27010 | 37840 | 80238 |
| Land Under Temporary Crops | 26450 | 35036 | 63913 |
| Land Under Permanent Crops | 7488 | 2804 | 10490 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | |
| All | 12352 | 35687 | 40760 |
| Land Under Temporary Crops | 12061 | 33017 | 37734 |
| Land Under Permanent Crops | 3072 | 2669 | 4368 |
| Holdings Of 5.01-10.00 Hectares | | | |
| All | 1969 | 13033 | 6129 |
| Land Under Temporary Crops | 1868 | 10956 | 5643 |
| Land Under Permanent Crops | 575 | 2077 | 764 |
| Holdings Over 10.00 Hectares | | | |
| All | 954 | 24002 | 2286 |
| Land Under Temporary Crops | 867 | 16191 | 1851 |
| Land Under Permanent Crops | 564 | 7810 | 745 |

## TABLE 4.15. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER ALL HOLDINGS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | All Holdings | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 10758597 | 11047249 | 0.4 | 8.5 | 18.3 | 33.3 | 32.6 | 5.5 | 1.4 | 35340605 | 3 | 19.3 | 24.7 | 31.3 | 19.8 | 1.8 | 0.2 |
| Tigray | 708598 | 623908 | 0.3 | 11.7 | 24.5 | 33.9 | 23.5 | 3.2 | 2.9 | 2340233 | 2.8 | 26.2 | 30.7 | 27.3 | 12.3 | 0.6 | 0.2 |
| Afar | 26360 | 16802 | 1.7 | 6.4 | 18.7 | 31.9 | 32.2 | 5.6 | 3.5 | 48162 | 29.8 | 15.9 | 19.7 | 21.3 | 12 | 1.1 | 0.3 |
| Amhara | 3091017 | 3396871 | 0.3 | 6.1 | 17.4 | 39.3 | 33.9 | 2.6 | 0.5 | 14113641 | 2.2 | 13.8 | 24.7 | 37.4 | 21 | 0.9 | - |
| Oromia | 4168441 | 5150310 | 0.2 | 6 | 15 | 30.2 | 37.8 | 8.9 | 1.9 | 13383668 | 2.3 | 16.6 | 22.7 | 29.9 | 24.6 | 3.5 | 0.4 |
| Somali | 104839 | 97834 | 0.3 | 8.6 | 22.6 | 35.1 | 27.9 | 5.2 | 0.3 | 255312 | 5.8 | 23.3 | 30.7 | 27.7 | 11.6 | 1 | - |
| Benishangul-Gumuz | 129019 | 154309 | 0.3 | 5.6 | 14.8 | 33.9 | 37.8 | 6.4 | 1.2 | 418390 | 2.7 | 14.3 | 21.2 | 36.7 | 23.2 | 1.7 | 0.1 |
| S.N.N.P.R | 2449523 | 1542534 | 0.9 | 20.6 | 28.6 | 30.8 | 16.2 | 1.8 | 1.1 | 4553265 | 6.6 | 40.5 | 27.9 | 18.7 | 5.9 | 0.3 | 0.1 |
| Gambella | 32767 | 17190 | 1.4 | 24.9 | 27.9 | 27.8 | 15 | 2.8 | 0.3 | 79935 | 10.2 | 48.4 | 23.5 | 13.4 | 4 | 0.5 | - |
| Harari | 14357 | 8944 | 0.7 | 21.2 | 33.2 | 34.9 | 8.9 | 0.4 | 0.7 | 41928 | 4.1 | 41.1 | 31.8 | 19.9 | 3.1 | - | - |
| Addis Ababa | 17775 | 29354 | 0.5 | 2.5 | 5.5 | 17.9 | 53.8 | 18.1 | 1.8 | 60518 | 6.8 | 6.5 | 9.1 | 21.9 | 44.6 | 10.8 | 0.4 |
| Dire Dawa | 15902 | 9192 | 0.6 | 20.9 | 38.6 | 32.7 | 7.2 | - | - | 45553 | 6 | 40.8 | 35.2 | 16 | 2.1 | - | - |

TABLE 4.15.1 RURAL HOLDINGS

| Geographic Area | All Holdings | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 10553514 | 10885960 | 0.3 | 8.4 | 18.3 | 33.5 | 32.8 | 5.5 | 1.2 | 34958173 | 2.8 | 19.2 | 24.8 | 31.4 | 19.8 | 1.8 | 0.2 |
| Tigray | 695143 | 612565 | 0.3 | 11.7 | 24.6 | 34.1 | 23.6 | 3 | 2.8 | 2308678 | 2.7 | 26.1 | 30.8 | 27.4 | 12.3 | 0.6 | 0.2 |
| Afar | 25765 | 16167 | 1.8 | 6.4 | 18.6 | 31.8 | 32.7 | 5.2 | 3.6 | 47520 | 30 | 15.8 | 19.6 | 21.3 | 12 | 1.1 | 0.3 |
| Amhara | 3058379 | 3373225 | 0.3 | 6 | 17.4 | 39.4 | 34 | 2.5 | 0.4 | 14029825 | 2.1 | 13.8 | 24.7 | 37.5 | 21 | 0.9 | - |
| Oromia | 4072489 | 5057084 | 0.2 | 6 | 15 | 30.3 | 38 | 8.9 | 1.6 | 13210053 | 2.2 | 16.5 | 22.7 | 30 | 24.8 | 3.5 | 0.4 |
| Somali | 101554 | 96000 | 0.3 | 8.4 | 22.5 | 35.2 | 28.1 | 5.2 | 0.3 | 251543 | 5.5 | 23.2 | 30.7 | 27.9 | 11.7 | 1 | - |
| Benishangul-Gumuz | 125175 | 148658 | 0.3 | 5.7 | 15 | 34.5 | 37.9 | 5.6 | 0.9 | 410702 | 2.5 | 14.4 | 21.3 | 36.9 | 23.2 | 1.6 | 0.1 |
| S.N.N.P.R | 2400156 | 1522028 | 0.9 | 20.6 | 28.7 | 30.9 | 16.4 | 1.8 | 0.8 | 4482952 | 6.3 | 40.5 | 28 | 18.9 | 6 | 0.3 | 0.1 |
| Gambella | 31155 | 16281 | 1.3 | 25.3 | 28.7 | 28.3 | 14.6 | 1.8 | - | 76876 | 9.6 | 48.8 | 23.9 | 13.4 | 4 | 0.4 | - |
| Harari | 13545 | 8638 | 0.5 | 21 | 33.9 | 35.8 | 8.7 | - | - | 40631 | 3.4 | 40.8 | 32.3 | 20.4 | 3.1 | - | - |
| Addis Ababa | 14878 | 26312 | 0.4 | 2 | 4.8 | 16.9 | 55 | 19.6 | 1.2 | 54672 | 5.7 | 5.6 | 8.5 | 21.7 | 46.4 | 11.8 | 0.4 |
| Dire Dawa | 15275 | 9002 | 0.6 | 20.1 | 39 | 33 | 7.4 | - | - | 44721 | 5.9 | 40.3 | 35.6 | 16.1 | 2.2 | - | - |

TABLE 4.15.2 URBAN HOLDINGS

| Geographic Area | All Holdings | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 205084 | 161289 | 1.2 | 12.1 | 18.1 | 23.5 | 22.1 | 8.1 | 14.9 | 382432 | 16.3 | 28.5 | 22.1 | 19.6 | 11.2 | 1.7 | 0.6 |
| Tigray | 13455 | 11343 | 0.5 | 13.3 | 21.4 | 25 | 20.6 | 9.9 | 9.2 | 31554 | 12 | 28.2 | 26 | 22.2 | 9.7 | 1.3 | 0.6 |
| Afar | 595 | 635 | 0.2 | 7.6 | 21.2 | 36.4 | 19 | 15.6 | - | 642 | 10.8 | 24 | 27.7 | 26.1 | 8.2 | 3.3 | - |
| Amhara | 32639 | 23646 | 0.9 | 13.4 | 22.6 | 26.9 | 23.8 | 10.9 | 1.6 | 83816 | 13.1 | 25.9 | 25.8 | 22.8 | 11 | 1.3 | 0.1 |
| Oromia | 95953 | 93226 | 0.8 | 9.3 | 16.3 | 24.2 | 23.7 | 6.9 | 18.8 | 173615 | 12.5 | 25.5 | 22.5 | 22.3 | 14.3 | 2.1 | 0.9 |
| Somali | 3285 | 1834 | 1.9 | 19.5 | 29.8 | 29.6 | 15.7 | 3.5 | - | 3769 | 20.7 | 35.2 | 25.1 | 15 | 3.7 | 0.3 | - |
| Benishangul Gumuz | 3843 | 5651 | 0.5 | 2.9 | 10.2 | 17.7 | 34.2 | 27 | 7.5 | 7688 | 12.8 | 11.1 | 17.3 | 22 | 26.1 | 9.9 | 0.8 |
| S.N.N.P.R | 49366 | 20506 | 4.1 | 24.7 | 21.9 | 16 | 8.5 | 4 | 20.9 | 70313 | 30 | 40.5 | 17.8 | 8.8 | 2.1 | 0.3 | 0.5 |
| Gambella | 1611 | 909 | 3.2 | 17.2 | 12.6 | 19 | 22.2 | 21 | 5 | 3060 | 32.6 | 36.1 | 10.9 | 10.8 | 6.3 | 2.3 | 1 |
| Harari | 811 | 307 | 5.2 | 26.8 | 13.2 | 8.1 | 13.6 | 12.7 | 20.5 | 1297 | 30.7 | 50.9 | 12.5 | 3.2 | 1.8 | 0.5 | 0.4 |
| Addis Ababa | 2897 | 3042 | 0.8 | 6 | 11.9 | 26 | 42.6 | 5.6 | 7.1 | 5846 | 16.7 | 15.1 | 14.2 | 24.2 | 27.8 | 1.9 | 0.3 |
| Dire Dawa | 628 | 190 | 2.8 | 60.6 | 19.7 | 17 | - | - | - | 766 | 15.9 | 68.9 | 10.5 | 4.7 | - | - | - |



**TABLE 4.16. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER TEMPORARY CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDINGS**

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Under Temporary Crops | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 10151839 | 8193392 | 0.2 | 7.4 | 18.3 | 35.1 | 33.3 | 4.6 | 1.1 | 27604991 | 2 | 18.4 | 24.8 | 32.3 | 20.5 | 1.8 | 0.2 |
| Tigray | 682056 | 549427 | 0.2 | 11.4 | 24.6 | 34.4 | 23.7 | 3 | 2.7 | 1913713 | 1.7 | 25.3 | 31.2 | 28.3 | 12.7 | 0.6 | 0.2 |
| Afar | 10416 | 10328 | 0.2 | 5.1 | 17.9 | 34 | 32.2 | 5 | 5.6 | 15262 | 4.5 | 16.7 | 25.4 | 32.5 | 18.7 | 1.4 | 0.7 |
| Amhara | 2994052 | 2954905 | 0.2 | 5.9 | 17.4 | 39.7 | 34.1 | 2.3 | 0.4 | 11460875 | 1.5 | 12.9 | 24.2 | 38.3 | 22.2 | 0.9 | - |
| Oromia | 3953517 | 3625773 | 0.1 | 5.9 | 15.9 | 32 | 37.4 | 7.3 | 1.4 | 9995074 | 1.5 | 15.9 | 22.9 | 30.7 | 25.3 | 3.5 | 0.4 |
| Somali | 84271 | 61974 | 0.2 | 9 | 24.4 | 37.3 | 26.2 | 2.8 | 0.2 | 130096 | 2 | 21.7 | 32.3 | 30.2 | 12.8 | 0.9 | - |
| Benishangul-Gumuz | 126622 | 143963 | 0.3 | 5.5 | 14.8 | 34.2 | 38.1 | 6.2 | 1 | 357144 | 2.3 | 14 | 21.1 | 37.1 | 23.6 | 1.8 | 0.1 |
| S.N.N.P.R | 2227399 | 799863 | 0.5 | 16.7 | 28.3 | 33.8 | 18 | 1.9 | 0.9 | 2690878 | 4.8 | 39.1 | 29.2 | 20.1 | 6.3 | 0.3 | 0.1 |
| Gambella | 29159 | 9827 | 1.4 | 27.2 | 28.9 | 27.1 | 14.1 | 1.2 | 0.2 | 47073 | 9 | 45.5 | 25.5 | 14.9 | 4.6 | 0.5 | - |
| Harari | 14002 | 6213 | 0.6 | 20.1 | 33.5 | 36.1 | 9.2 | 0.4 | 0.3 | 32832 | 3.3 | 41.3 | 32.5 | 20 | 2.8 | - | - |
| Addis Ababa | 15707 | 24188 | 0.2 | 2.1 | 5.6 | 18.8 | 55 | 16.7 | 1.8 | 48302 | 4.7 | 5.9 | 8.1 | 22.9 | 46.5 | 11.4 | 0.4 |
| Dire Dawa | 14638 | 6931 | 0.4 | 22.4 | 39.4 | 30.7 | 7.2 | - | - | 28633 | 3 | 41.3 | 35.5 | 17.6 | 2.5 | - | - |

TABLE 4.16.1 RURAL HOLDINGS

| Geographic Area | Land Under Temporary Crops | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 9978569 | 8055117 | 0.2 | 7.3 | 18.3 | 35.3 | 33.4 | 4.6 | 0.9 | 27293567 | 1.9 | 18.3 | 24.9 | 32.4 | 20.6 | 1.8 | 0.2 |
| Tigray | 668760 | 538377 | 0.2 | 11.4 | 24.7 | 34.6 | 23.8 | 2.9 | 2.5 | 1883465 | 1.6 | 25.3 | 31.3 | 28.4 | 12.7 | 0.6 | 0.2 |
| Afar | 9829 | 9693 | 0.2 | 4.9 | 17.6 | 33.9 | 33.1 | 4.3 | 6 | 14628 | 4.2 | 16.4 | 25.3 | 32.8 | 19.2 | 1.3 | 0.8 |
| Amhara | 2964072 | 2932071 | 0.2 | 5.9 | 17.4 | 39.8 | 34.1 | 2.2 | 0.4 | 11385283 | 1.5 | 12.8 | 24.2 | 38.4 | 22.2 | 0.9 | - |
| Oromia | 3874012 | 3547538 | 0.1 | 5.9 | 15.9 | 32.1 | 37.6 | 7.3 | 1.1 | 9861243 | 1.4 | 15.8 | 22.8 | 30.7 | 25.4 | 3.5 | 0.4 |
| Somali | 81074 | 60198 | 0.2 | 8.7 | 24.2 | 37.5 | 26.5 | 2.7 | 0.2 | 126514 | 1.5 | 21.3 | 32.5 | 30.6 | 13 | 0.9 | - |
| Benishangul-Gumuz | 123372 | 138472 | 0.3 | 5.6 | 15 | 34.9 | 38.2 | 5.3 | 0.7 | 351006 | 2.2 | 14 | 21.2 | 37.4 | 23.5 | 1.6 | 0.1 |
| S.N.N.P.R | 2189435 | 785427 | 0.5 | 16.5 | 28.3 | 34.1 | 18.2 | 1.9 | 0.6 | 3524201 | 4.6 | 39.1 | 29.3 | 20.3 | 6.4 | 0.3 | 0.1 |
| Gambella | 27766 | 9395 | 1.1 | 27.1 | 29.6 | 27.5 | 13.8 | 0.9 | - | 44901 | 8 | 45.7 | 26.1 | 15.2 | 4.6 | 0.4 | - |
| Harari | 13221 | 5995 | 0.4 | 19.6 | 34.1 | 37.1 | 8.9 | - | - | 31647 | 2.4 | 40.9 | 33.2 | 20.6 | 2.9 | - | - |
| Addis Ababa | 12977 | 21170 | 0.1 | 1.6 | 4.6 | 17.7 | 56.8 | 18.2 | 1 | 42682 | 3.4 | 4.8 | 7.3 | 22.6 | 48.9 | 12.6 | 0.5 |
| Dire Dawa | 14051 | 6780 | 0.4 | 21.4 | 39.9 | 31 | 7.3 | - | - | 27999 | 2.7 | 40.7 | 36.1 | 17.9 | 2.6 | - | - |

TABLE 4.16.2 URBAN HOLDINGS

| Geographic Area | Land Under Temporary Crops | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 173270 | 138274 | 0.8 | 11.3 | 19.1 | 25.3 | 23.9 | 7.9 | 11.7 | 311424 | 11.8 | 27.9 | 23.5 | 21.6 | 12.7 | 1.9 | 0.6 |
| Tigray | 13296 | 11050 | 0.5 | 13.5 | 21.8 | 25.5 | 19.9 | 9.4 | 9.3 | 30248 | 11.7 | 28.2 | 26.3 | 22.4 | 9.5 | 1.3 | 0.6 |
| Afar | 587 | 635 | 0.2 | 7.6 | 21.2 | 36.4 | 19 | 15.6 | - | 634 | 9.8 | 24.2 | 28 | 26.4 | 8.3 | 3.3 | - |
| Amhara | 29981 | 22834 | 0.7 | 13.2 | 23 | 27.4 | 23.9 | 10.9 | 1.1 | 75592 | 10.3 | 26 | 26.8 | 23.9 | 11.5 | 1.4 | 0.1 |
| Oromia | 79505 | 78235 | 0.5 | 8.4 | 16.9 | 26.3 | 26.1 | 6.7 | 15.1 | 133831 | 8.3 | 23.4 | 23.2 | 24.8 | 17 | 2.5 | 0.9 |
| Somali | 3197 | 1776 | 2 | 19.8 | 29.7 | 29.4 | 15.6 | 3.6 | - | 3582 | 19.7 | 36 | 25.5 | 15 | 3.5 | 0.3 | - |
| Benishangul-Gumuz | 3250 | 5491 | 0.3 | 2.6 | 10.1 | 17.5 | 34.4 | 27.4 | 7.7 | 6138 | 5.9 | 10.7 | 18.3 | 22.9 | 29.4 | 11.9 | 1 |
| S.N.N.P.R | 37963 | 14436 | 2.4 | 24.7 | 26 | 19.4 | 8.5 | 2.1 | 16.9 | 51810 | 21.8 | 43.1 | 21.2 | 10.7 | 2.4 | 0.3 | 0.6 |
| Gambella | 1393 | 431 | 5.9 | 30.4 | 13.6 | 17.9 | 19.3 | 7.4 | 5.6 | 2173 | 36.9 | 40.6 | 9.5 | 8.3 | 3 | 1.1 | 0.7 |
| Harari | 780 | 217 | 6.8 | 32.6 | 15.2 | 9.6 | 17.6 | 10.8 | 7.5 | 1185 | 29.8 | 51.7 | 12.6 | 3.4 | 1.7 | 0.6 | 0.4 |
| Addis Ababa | 2730 | 3018 | 0.7 | 5.7 | 12 | 26.2 | 42.9 | 5.6 | 7 | 5620 | 14.6 | 14.6 | 14.5 | 25.1 | 28.9 | 1.9 | 0.3 |
| Dire Dawa | 588 | 151 | 2.7 | 64.7 | 16.1 | 16.5 | - | - | - | 611 | 16.9 | 69.6 | 9 | 4.6 | - | - | - |

**TABLE 4.17. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER PERMANENT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING**

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Under Permanent Crops | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 5805161 | 667767 | 1.5 | 24.6 | 27.6 | 26.9 | 15 | 2.3 | 2 | 7565282 | 5.2 | 32.2 | 26.7 | 23.8 | 11.2 | 0.8 | 0.1 |
| Tigray | 172766 | 6268 | 1.6 | 28.5 | 31.6 | 20.1 | 11.6 | 2.1 | 4.4 | 187713 | 3.5 | 32.9 | 32.8 | 22.6 | 7.6 | 0.5 | 0.1 |
| Afar | 2391 | 393 | 0.8 | 14.1 | 27.3 | 18.9 | 38.9 | - | 0.1 | 2740 | 9.2 | 21.7 | 32.5 | 26.6 | 9.5 | - | 0.5 |
| Amhara | 947685 | 22095 | 2.4 | 18.2 | 22.4 | 33.4 | 21.7 | 1 | 0.9 | 1119716 | 4.2 | 18.2 | 23.4 | 34.5 | 19.2 | 0.6 | - |
| Oromia | 2338202 | 336032 | 0.8 | 15.7 | 25.2 | 31.2 | 20.6 | 3.7 | 2.8 | 3372819 | 3.3 | 25.4 | 27.9 | 27.5 | 14.4 | 1.4 | 0.2 |
| Somali | 36009 | 8116 | 0.3 | 11.6 | 28.3 | 38.5 | 18.5 | 2.8 | - | 42781 | 2.4 | 23 | 34 | 29.1 | 10.7 | 0.8 | - |
| Benishangul-Gumuz | 53095 | 2499 | 1.4 | 8.2 | 17.7 | 34.4 | 29.5 | 4.2 | 4.7 | 75334 | 3.4 | 13 | 21.9 | 38.2 | 21.8 | 1.5 | 0.3 |
| S.N.N.P.R | 2211516 | 285385 | 2.4 | 36.3 | 30.8 | 21.1 | 7.6 | 0.8 | 1.1 | 2690878 | 8.2 | 47.1 | 26 | 14.5 | 4 | 0.2 | - |
| Gambella | 18695 | 3766 | 1.1 | 12.2 | 25.8 | 29.7 | 21.7 | 9 | 0.6 | 30245 | 10.4 | 37 | 26.9 | 18.3 | 6.7 | 0.7 | - |
| Harari | 12459 | 2167 | 0.6 | 24 | 33.4 | 32.4 | 6.8 | 0.7 | 2.2 | 25713 | 2.6 | 40.4 | 33.5 | 20.8 | 2.7 | - | - |
| Addis Ababa | 2500 | 49 | 8.6 | 29.3 | 2.4 | 19 | 26.6 | 7.9 | 6.2 | 2534 | 18.7 | 9.3 | 12.8 | 18.7 | 34.6 | 5.5 | 0.5 |
| Dire Dawa | 9829 | 997 | 0.8 | 22.2 | 40.4 | 29.8 | 6.8 | - | - | 14793 | 3.1 | 39.9 | 37.3 | 16.8 | 3 | - | - |

TABLE 4.17.1 RURAL HOLDINGS

| Geographic Area | Land Under Permanent Crops | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 5712916 | 644752 | 1.4 | 24.9 | 28.2 | 27.5 | 15.1 | 2.1 | 0.8 | 7455537 | 4.8 | 32.2 | 26.8 | 24 | 11.3 | 0.8 | 0.1 |
| Tigray | 171856 | 5974 | 1.6 | 29.7 | 32.9 | 20.8 | 9.9 | 0.8 | 4.3 | 186336 | 3.4 | 32.9 | 32.9 | 22.7 | 7.6 | 0.5 | 0.1 |
| Afar | 2380 | 392 | 0.7 | 14 | 27.3 | 19 | 38.9 | - | 0.1 | 2730 | 9 | 21.7 | 32.6 | 26.7 | 9.6 | - | 0.5 |
| Amhara | 941227 | 21284 | 2.3 | 18.2 | 22.8 | 34.3 | 21.7 | 0.6 | 0.2 | 1111051 | 3.9 | 18.1 | 23.5 | 34.6 | 19.3 | 0.6 | - |
| Oromia | 2295161 | 321041 | 0.7 | 15.8 | 25.8 | 32.1 | 21 | 3.5 | 1.2 | 3318305 | 2.9 | 25.2 | 28 | 27.7 | 14.6 | 1.4 | 0.2 |
| Somali | 35717 | 8059 | 0.3 | 11.6 | 28.2 | 38.6 | 18.5 | 2.8 | - | 42476 | 2.2 | 23 | 34.1 | 29.2 | 10.7 | 0.8 | - |
| Benishangul-Gumuz | 51936 | 2339 | 0.9 | 7.8 | 18 | 35.1 | 29.6 | 3.6 | 5 | 73502 | 2.5 | 12.9 | 22.1 | 38.7 | 22 | 1.5 | 0.3 |
| S.N.N.P.R | 2173201 | 279315 | 2.3 | 36.5 | 31.2 | 21.4 | 7.6 | 0.6 | 0.4 | 2649991 | 7.7 | 47.2 | 26.2 | 14.6 | 4 | 0.2 | - |
| Gambella | 18097 | 3289 | 1.2 | 13.2 | 27.9 | 31.1 | 21.2 | 5.5 | - | 29291 | 10.1 | 37.3 | 27.2 | 18.3 | 6.5 | 0.6 | - |
| Harari | 12075 | 2078 | 0.6 | 24.5 | 34.5 | 33.6 | 6.9 | - | - | 25230 | 2.2 | 40.1 | 33.9 | 21.1 | 2.7 | - | - |
| Addis Ababa | 2022 | 26 | 3.9 | 9 | 2.9 | 27.6 | 46.2 | 9.6 | 0.9 | 2040 | 12.2 | 6.4 | 13.9 | 20.7 | 40.1 | 6.4 | 0.4 |
| Dire Dawa | 9643 | 957 | 0.8 | 21.2 | 40.7 | 30.3 | 7.1 | - | - | 14587 | 3 | 39.5 | 37.5 | 16.9 | 3 | - | - |

TABLE 4.17.2 URBAN HOLDINGS

| Geographic Area | Land Under Permanent Crops | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 92245 | 23016 | 4.1 | 16.6 | 12.7 | 12.2 | 11.6 | 9 | 33.9 | 109745 | 33.1 | 35.5 | 16.3 | 9.7 | 4.1 | 0.7 | 0.7 |
| Tigray | 910 | 294 | 0.8 | 4.5 | 6.8 | 6.4 | 45.3 | 28.4 | 7.8 | 1377 | 25.3 | 27.6 | 17.4 | 14 | 13.6 | 2 | 0.2 |
| Afar | 10 | 1 | 47.5 | 54.1 | - | - | - | - | - | 10 | 67.3 | 19.2 | 13.5 | - | - | - | - |
| Amhara | 6459 | 812 | 7.1 | 18 | 12 | 11.4 | 21.5 | 11.8 | 18.2 | 8665 | 44.3 | 26.8 | 14.5 | 9.6 | 4.2 | 0.4 | 0.3 |
| Oromia | 43041 | 14991 | 2.4 | 13.8 | 13 | 13.6 | 11.1 | 8 | 38.1 | 54532 | 25.9 | 33.6 | 19.9 | 13.4 | 5.4 | 0.9 | 0.9 |
| Somali | 292 | 57 | 1.5 | 12 | 31.7 | 34.5 | 20.3 | - | - | 305 | 29.1 | 15.8 | 25.5 | 17 | 12.6 | - | - |
| Benishangul-Gumuz | 1573 | 160 | 8.8 | 14 | 13 | 24.9 | 26.9 | 12.1 | 0.3 | 1832 | 40.1 | 15.9 | 12.8 | 16.3 | 12.8 | 1.7 | 0.3 |
| S.N.N.P.R | 38315 | 6070 | 8.1 | 24.7 | 12.1 | 7.9 | 8.5 | 8.3 | 30.4 | 40887 | 40.9 | 40.6 | 11.8 | 4.4 | 1.4 | 0.4 | 0.5 |
| Gambella | 597 | 477 | 0.7 | 5.2 | 11.7 | 20 | 24.8 | 33.3 | 4.4 | 954 | 21.4 | 24.8 | 16.4 | 16.7 | 13.4 | 5.9 | 1.4 |
| Harari | 384 | 90 | 1.4 | 12.7 | 8.4 | 4.4 | 4 | 17.1 | 51.9 | 483 | 20.2 | 57.4 | 15.7 | 3.2 | 1.6 | 0.8 | 1.1 |
| Addis Ababa | 478 | 24 | 13.7 | 51.2 | 1.8 | 9.6 | 5.6 | 6.1 | 12 | 494 | 45.9 | 21.2 | 8.2 | 10.2 | 11.9 | 1.8 | 0.9 |
| Dire Dawa | 186 | 40 | 2.9 | 45 | 33.1 | 19 | - | - | - | 206 | 11.6 | 66.2 | 17.1 | 5.1 | - | - | - |



**TABLE 4.18. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDERGRAZING LAND BY GEOGRAPHIC AREA AND SIZE OF HOLDING**

RURAL HOLDINGS

| Geographic Area | Land Under Grazing | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 3727319 | 957856 | 0.1 | 5.7 | 13 | 26 | 39 | 13 | 3.1 | 4784549 | 1.3 | 19.2 | 23.6 | 29.5 | 22.8 | 3.3 | 0.4 |
| Tigray | 106161 | 9631 | 0.4 | 12.4 | 24.7 | 35.1 | 16.9 | 4 | 6.6 | 117342 | 1.7 | 28.6 | 34.7 | 26.7 | 7.8 | 0.4 | 0.2 |
| Afar | 1950 | 536 | 1 | 4.8 | 16.1 | 28.5 | 49.6 | - | - | 2027 | 12.5 | 13.7 | 22 | 33.4 | 18.4 | - | - |
| Amhara | 834822 | 135484 | 0.2 | 5.1 | 15.9 | 36.3 | 38.8 | 3.6 | 0.1 | 1193708 | 0.8 | 11.1 | 25.2 | 38.9 | 22.9 | 1.1 | - |
| Oromia | 1412436 | 590042 | - | 1.8 | 6.7 | 21.4 | 46.5 | 19 | 4.6 | 1896310 | 0.5 | 6.9 | 15.9 | 31.4 | 37.3 | 7.2 | 0.9 |
| Somali | 20997 | 12317 | - | 3.3 | 11.4 | 25.9 | 43.6 | 15.3 | 0.5 | 22505 | 0.9 | 11.2 | 24.1 | 36 | 24.4 | 3.4 | 0.1 |
| Benishangul-Gumuz | 2511 | 639 | - | 3.5 | 7.1 | 20.3 | 29.9 | 12.4 | 26.9 | 2626 | - | 10.8 | 21.1 | 26.5 | 31.8 | 7.9 | 1.9 |
| S.N.N.P.R | 1337024 | 204882 | 0.3 | 17 | 28.9 | 32.4 | 18.4 | 2.1 | 0.9 | 1535973 | 2.7 | 40.2 | 31 | 19.9 | 5.8 | 0.3 | - |
| Gambella | 1115 | 174 | 0.1 | 2.9 | 16.9 | 37.1 | 40.2 | 2.9 | - | 1339 | 0.4 | 10.9 | 29.7 | 29.6 | 26.3 | 3.1 | - |
| Harari | 1040 | 76 | 1.2 | 8.2 | 18.8 | 54 | 17.8 | - | - | 1107 | 3.4 | 18.3 | 30 | 39.7 | 8.6 | - | - |
| Addis Ababa | 6479 | 3515 | 0.3 | 2.4 | 2.9 | 12.9 | 49.9 | 29 | 2.7 | 8741 | 2.5 | 7.8 | 8.2 | 17.7 | 47.8 | 15.6 | 0.5 |
| Dire Dawa | 2782 | 559 | 0.3 | 4.6 | 34.3 | 54.8 | 6.1 | - | - | 2873 | 2.3 | 13.6 | 44.3 | 34.7 | 5.2 | - | - |

**TABLE 4.19. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER FALLOW LAND BY GEOGRAPHIC AREA AND SIZE OF HOLDING**

RURAL HOLDINGS

| Geographic Area | Land Under Fallow | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 3278341 | 839949 | 0.2 | 6.6 | 15.9 | 30.9 | 36 | 8.7 | 1.8 | 4310677 | 1.3 | 18 | 24.7 | 31.3 | 21.7 | 2.7 | 0.3 |
| Tigray | 166063 | 37350 | 0.1 | 7.4 | 19.6 | 34.7 | 31 | 5.1 | 2.1 | 207434 | 1 | 19.4 | 29.5 | 32 | 16.8 | 1.1 | 0.2 |
| Afar | 5696 | 4547 | 0.1 | 7 | 19.7 | 30.6 | 34.5 | 8.1 | - | 6635 | 2.2 | 20.7 | 26.8 | 27.7 | 20.4 | 2.1 | - |
| Amhara | 761869 | 194518 | 0.1 | 5.5 | 17.2 | 38.1 | 31.9 | 5.6 | 1.7 | 1171973 | 0.7 | 11.6 | 24.4 | 39 | 22.6 | 1.5 | 0.1 |
| Oromia | 1330580 | 428798 | 0.1 | 3.7 | 11.3 | 27 | 43.7 | 12.5 | 1.8 | 1758554 | 0.8 | 10.7 | 20.3 | 32.1 | 30.5 | 5.1 | 0.5 |
| Somali | 26917 | 13413 | 0.2 | 8.3 | 20.5 | 32 | 28.8 | 9.1 | 1.1 | 30326 | 2.5 | 19.9 | 28.9 | 29.1 | 17.4 | 2.2 | 0.1 |
| Benishangul-Gumuz | 24266 | 5115 | 0.2 | 5.5 | 12.5 | 28.2 | 39.3 | 13.2 | 1.1 | 29032 | 1.1 | 14 | 21.6 | 34.1 | 25.8 | 2.9 | 0.4 |
| S.N.N.P.R | 941196 | 152253 | 0.4 | 15.2 | 25.5 | 32.2 | 21.9 | 2.7 | 2.2 | 1082053 | 2.7 | 35.9 | 31.1 | 21.9 | 7.8 | 0.5 | 0.1 |
| Gambella | 13192 | 2905 | 1.2 | 33.2 | 28.3 | 28.6 | 8.1 | 0.6 | - | 15081 | 6.7 | 47.2 | 25 | 16.3 | 4.4 | 0.5 | - |
| Harari | 2489 | 171 | 0.2 | 17.5 | 34.2 | 38.9 | 9.2 | - | - | 2781 | 1.9 | 31.1 | 38.4 | 25.5 | 3.1 | - | - |
| Addis Ababa | 2623 | 440 | 0.2 | 3.8 | 10.1 | 12 | 48.1 | 25.2 | 0.8 | 2915 | 1.6 | 6.6 | 9.5 | 15.3 | 50 | 16.5 | 0.5 |
| Dire Dawa | 3449 | 439 | 0.6 | 11.1 | 33.1 | 47.3 | 7.8 | - | - | 3893 | 2 | 22.6 | 38.7 | 30.9 | 5.9 | - | - |



**TABLE 4.20. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER WOODLAND BY GEOGRAPHIC AREA AND SIZE OF HOLDING**

RURAL HOLDINGS

| Geographic Area | Land Under Wood/Forest | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 1486960 | 87053 | 0.3 | 10.6 | 22.2 | 30.7 | 27.9 | 6.3 | 2 | 1695148 | 1.4 | 21.1 | 27.2 | 29.1 | 18.8 | 2.2 | 0.3 |
| Tigray | 61630 | 1824 | 1.7 | 14.9 | 33.4 | 24.1 | 11.4 | 1.6 | 12.9 | 63782 | 3.2 | 28.4 | 37.9 | 23.8 | 6.4 | 0.1 | 0.2 |
| Afar | 258 | • | • | • | • | • | • | • | • | 258 | 59.6 | 13.8 | 8.8 | 11.2 | 2.5 | 4.1 | - |
| Amhara | 328666 | 12325 | 0.7 | 8 | 15.4 | 34.9 | 37.2 | 3.3 | 0.5 | 387518 | 2 | 12.5 | 21 | 36.7 | 26.4 | 1.3 | - |
| Oromia | 405486 | 27859 | 0.2 | 3.5 | 10.7 | 25.6 | 42.8 | 13.6 | 3.7 | 457588 | 0.7 | 9 | 18.2 | 31.9 | 33.2 | 6.2 | 0.8 |
| Somali | 364 | • | • | • | • | • | • | • | • | 364 | 13.8 | 11.6 | 18 | 29.6 | 24.4 | 2.7 | - |
| Benishangul-Gumuz | 1692 | 46 | 0.9 | 6.3 | 8.7 | 32.8 | 47.2 | 4.1 | - | 1912 | 2 | 7.5 | 15.1 | 36.2 | 37 | 2.2 | - |
| S.N.N.P.R | 679469 | 44441 | 0.2 | 15.7 | 31 | 33.1 | 16.4 | 2.7 | 0.9 | 773439 | 1.2 | 32.1 | 34.8 | 24.2 | 7.3 | 0.4 | - |
| Gambella | 1569 | 64 | 0.1 | 14 | 11.8 | 21.1 | 52.6 | 0.5 | - | 1736 | 2.5 | 23.2 | 30.6 | 28.9 | 13.9 | 0.9 | - |
| Harari | 1036 | • | • | • | • | • | • | • | • | 1072 | - | 34.1 | 47.5 | 13.2 | 5.3 | - | - |
| Addis Ababa | 6748 | 314 | 2.2 | 6 | 9 | 14.4 | 49.1 | 18.2 | 1 | 7436 | 6.4 | 8.2 | 11.2 | 22.7 | 42.9 | 8.3 | 0.3 |
| Dire Dawa | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

**TABLE 4.21. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS UNDER OTHER LAND BY GEOGRAPHIC AREA AND SIZE OF HOLDING**

RURAL HOLDINGS

| Geographic Area | Land With Other Holdings | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of holders | Area In Hectares | Percent Area By Holding Size In Hectares | | | | | | | Number of parcels | Percent Parcels By Holding Size In Hectares | | | | | | |
| | | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 | | Under 0.10 | 0.10 to 0.50 | 0.51 to 1.00 | 1.01 to 2.00 | 2.01 to 5.00 | 5.01 to 10.0 | Over 10.0 |
| National | 10226668 | 301232 | 2.6 | 14.9 | 19.9 | 29.1 | 26.6 | 5.1 | 2 | 11004255 | 6.6 | 27.7 | 25.8 | 25.6 | 13.2 | 1.1 | 0.1 |
| Tigray | 678877 | 19408 | 3 | 23.1 | 26.7 | 23.1 | 11.2 | 4.2 | 8.6 | 713602 | 6.3 | 32.3 | 30.4 | 22.4 | 8.1 | 0.4 | 0.1 |
| Afar | 25465 | 990 | 24.8 | 16.1 | 20.8 | 23.5 | 9.9 | 4.9 | - | 27861 | 48.9 | 13.5 | 15.3 | 14.4 | 7.1 | 0.7 | 0.2 |
| Amhara | 2994647 | 77544 | 2.4 | 11.4 | 20 | 35.2 | 27.9 | 2.8 | 0.5 | 3290039 | 6.7 | 20.2 | 25.6 | 31.7 | 15.2 | 0.6 | 0.1 |
| Oromia | 3893606 | 141806 | 2 | 9.9 | 16.1 | 28.4 | 34.1 | 7.6 | 1.8 | 4198676 | 4.9 | 22.3 | 25.1 | 27.5 | 17.8 | 2.1 | 0.2 |
| Somali | 100990 | 1910 | 8.2 | 18.5 | 29.8 | 30.5 | 11.9 | 1.1 | - | 109302 | 11.1 | 24.6 | 29.4 | 24.5 | 9.6 | 0.8 | - |
| Benishangul-Gumuz | 120735 | 2047 | 3.3 | 15.6 | 18.9 | 29 | 25.8 | 6.6 | 1 | 131424 | 6 | 22.2 | 23.6 | 29.6 | 17.2 | 1.3 | 0.1 |
| S.N.N.P.R | 2339130 | 55710 | 3.3 | 28.9 | 27 | 24.6 | 11.8 | 2.2 | 2.2 | 2451049 | 8.3 | 45.6 | 26.3 | 15.3 | 4.2 | 0.2 | - |
| Gambella | 30070 | 454 | 8.2 | 37.5 | 27.3 | 17.5 | 8.3 | 1.3 | - | 35929 | 11.9 | 51 | 22.2 | 11.5 | 3.2 | 0.2 | - |
| Harari | 13446 | 251 | 2.5 | 35.2 | 31 | 25.3 | 6.1 | - | - | 14739 | 5.6 | 44.2 | 30.4 | 17.6 | 2.2 | - | - |
| Addis Ababa | 14500 | 848 | 8.9 | 9.9 | 11.4 | 16.7 | 39.7 | 12.5 | 0.8 | 15910 | 18.2 | 10.6 | 12.6 | 20.9 | 31.9 | 5.4 | 0.3 |
| Dire Dawa | 15203 | 264 | 7 | 29 | 29.5 | 23.4 | 11.1 | - | - | 15725 | 11.5 | 38.9 | 32.4 | 15.4 | 1.9 | - | - |

TABLE 4.22. NUMBER OF HOLDERS AND AREA OF HOLDING BY TYPE OF CROP AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Type of Crop | Number Of Holders Reporting | All Area In Hectare | Area By Size Of Holdings (In Hectare) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.0 | 1.01 - 2.0 | 2.01 - 5.0 | 5.01 - 10 | Over 10 |
| **Total Cropland** | 10453811 | 8861158 | 48777 | 1041214 | 1983826 | 3209187 | 2298881 | 212094 | 67179 |
| **Temporary Crops** | 10151838 | 8193390 | 29685 | 822631 | 1800052 | 3054354 | 2230013 | 200643 | 56011 |
| Grain Crops | 9808575 | 7987035 | 24426 | 767699 | 1744589 | 2998190 | 2202490 | 196459 | 53182 |
| Cereals | 9500952 | 6482657 | 20091 | 642969 | 1453635 | 2435167 | 1732620 | 153410 | 44765 |
| Barley | 3230115 | 781955 | 3219 | 101830 | 193893 | 282251 | 180884 | 16029 | 3850 |
| Maize | 5868190 | 1350845 | 10281 | 175445 | 325817 | 491452 | 306476 | 28594 | 12782 |
| Millet | 1017008 | 284823 | 184 | 15219 | 52048 | 113236 | 94234 | 6787 | * |
| Oats/'Aja' | 263863 | 30639 | 101 | 3013 | 6609 | 11878 | 8011 | 623 | 404 |
| Rice | 30622 | 8471 | * | 494 | 1769 | 3640 | 2326 | 200 | * |
| Sorghum | 3450397 | 1150742 | 2646 | 127220 | 291041 | 431125 | 266155 | 23897 | 8658 |
| Teff | 4496329 | 1846082 | 1994 | 128026 | 366460 | 723540 | 567506 | 48296 | 10261 |
| Wheat | 3206902 | 1029100 | 1656 | 91723 | 215998 | 378046 | 307028 | 28984 | 5664 |
| Pulses | 4742258 | 1028561 | 3445 | 101789 | 221821 | 385601 | 290191 | 22685 | 3030 |
| Chick Peas | 753578 | 186260 | 112 | 7508 | 26885 | 71503 | 73393 | 6651 | 207 |
| Fenugreek | 201040 | 15324 | 53 | 1038 | 2585 | 5548 | 5669 | 407 | * |
| Field Peas | 1138384 | 176880 | 341 | 17014 | 41202 | 67475 | 46463 | 3949 | 436 |
| Gibto | 43163 | 7286 | * | 290 | 1027 | 3317 | 2568 | * | - |
| Haricot beans | 1209804 | 122643 | 1032 | 20544 | 30073 | 39823 | 27261 | 3089 | 820 |
| Horse/ Faba beans | 2635614 | 372478 | 1707 | 46862 | 93297 | 138367 | 85624 | 5518 | 1103 |
| Soya beans | 14236 | 1864 | 9 | 100 | 252 | 646 | 702 | 155 | - |
| Lentils | 451773 | 60801 | 131 | 5283 | 13102 | 22814 | 17993 | 1119 | * |
| Vetch/ Grass peas | 432153 | 84553 | 58 | 3103 | 13207 | 35961 | 30432 | 1712 | 80 |
| Other Pulses | 2808 | 472 | * | 46 | 190 | 147 | * | * | - |
| Oilseeds | 1854309 | 434056 | 476 | 17916 | 60727 | 162988 | 168973 | 19100 | 3874 |
| Groundnuts | 92442 | 16483 | 54 | 1827 | 4203 | 6266 | 3994 | 139 | - |
| Linseed | 581725 | 100142 | 79 | 5345 | 15562 | 37538 | 38042 | 2898 | 679 |
| Neug | 800257 | 234142 | 50 | 6442 | 27920 | 91377 | 98096 | 9391 | 866 |
| Rape seed | 342063 | 15110 | 209 | 1410 | 2519 | 5693 | 4855 | 381 | * |
| Sesame | 223464 | 62693 | 77 | 2616 | 9817 | 20000 | 21752 | 6144 | 2287 |
| Sufflower | 91214 | 5486 | 7 | 276 | 707 | 2114 | 2236 | 147 | - |
| Other Grains | 598597 | 41762 | 414 | 5025 | 8405 | 14435 | 10706 | 1264 | 1513 |
| Vegetables | 3046339 | 86039 | 1812 | 15522 | 21499 | 28184 | 15656 | 2494 | 872 |
| Head Cabbage | 38755 | 590 | 14 | 120 | 155 | 197 | 90 | * | * |
| Green peppers | 407900 | 3768 | 99 | 847 | 1000 | 1150 | 626 | 35 | 10 |
| Ethiopian Cabbage | 1439965 | 15058 | 738 | 5431 | 4137 | 3019 | 999 | 178 | 557 |
| Lettuce | 9656 | 163 | 6 | 38 | 53 | 38 | 29 | * | - |
| Red peppers | 1116270 | 55381 | 606 | 6262 | 13380 | 20948 | 12546 | 1394 | 245 |
| Swiss chard | 21260 | 200 | 10 | 43 | 49 | 42 | * | * | * |
| Tomatoes | 45647 | 1811 | 21 | 425 | 474 | 575 | 213 | 90 | * |
| Other vegetables | 558106 | 9068 | 318 | 2356 | 2251 | 2217 | 1120 | * | * |
| Root Crops | 2904130 | 120316 | 3447 | 39410 | 33964 | 27980 | 11867 | 1691 | 1958 |
| Beetroot | 57014 | 423 | 11 | 97 | 100 | 136 | 67 | 5 | * |
| Carrot | 35052 | 789 | 18 | 107 | 140 | 180 | 153 | 41 | * |
| Garlic | 714086 | 4860 | 146 | 769 | 1160 | 1626 | 1017 | * | * |
| Taro/'Godere' | 735277 | 24005 | 975 | 8934 | 6590 | 5160 | 1817 | * | 184 |
| Onion | 485573 | 11145 | 251 | 2252 | 2911 | 3493 | 1948 | 211 | 80 |
| Potatoes | 820487 | 38028 | 572 | 8390 | 11032 | 11358 | 4978 | 746 | 951 |
| Sweet Potatoes | 742496 | 34575 | 1290 | 16516 | 10330 | 4996 | 1104 | * | 285 |
| Other root crops | 148460 | 6492 | 184 | 2344 | 1702 | 1030 | 782 | * | 261 |
| **Permanent Crops** | 5805162 | 667768 | 19092 | 218582 | 183774 | 154833 | 68868 | 11451 | 11167 |
| Fruit crops | 2110342 | 42463 | 1267 | 12833 | 11995 | 10084 | 4303 | 983 | 997 |
| Avocados | 324489 | 2919 | 142 | 1287 | 687 | 314 | 144 | 31 | 313 |
| Bananas | 1327486 | 21938 | 576 | 6497 | 6341 | 5523 | 2049 | 682 | 270 |
| Guavas | 140261 | 1427 | 41 | 361 | 372 | 399 | 170 | * | 60 |
| Lemons | 111884 | 796 | 16 | 167 | 229 | 210 | 99 | 7 | * |
| Mangoes | 298303 | 4001 | 109 | 819 | 996 | 1210 | 677 | 91 | * |
| Oranges | 309219 | 2559 | 74 | 780 | 757 | 647 | 258 | 25 | * |
| Papayas | 404188 | 2983 | 122 | 815 | 812 | 706 | 361 | * | 90 |
| Pineapples | 10974 | 172 | * | 72 | * | 7 | * | * | * |
| Other fruits | 255007 | 5667 | 180 | 2035 | 1719 | 1069 | 538 | * | 79 |
| Stimulant crops | 4190951 | 373281 | 6591 | 95150 | 103133 | 102119 | 52337 | 7861 | 6090 |
| Chat | 1545861 | 97604 | 1621 | 31368 | 32423 | 23691 | 7272 | 720 | 511 |
| Coffee | 2386686 | 256545 | 4561 | 60791 | 66582 | 71914 | 40698 | 6783 | 5216 |
| Hops/'Gesho' | 1511400 | 19098 | 409 | 2974 | 4114 | 6511 | 4368 | 358 | * |
| Other stimulants | * | * | * | * | * | * | * | - | - |
| Other permanent crops | 3302799 | 252025 | 11234 | 110599 | 68646 | 42630 | 12228 | 2607 | 4080 |
| Enset | 3057656 | 237959 | 10828 | 105551 | 64947 | 39751 | 11119 | 2475 | 3288 |
| Sugar Cane | 563310 | 13008 | 367 | 4808 | 3393 | 2595 | 929 | 123 | 792 |
| Others | 164208 | 1058 | 39 | 240 | 306 | 283 | 180 | 9 | * |

TABLE 4.22.1 RURAL HOLDINGS

| Type of Crop | Number Of Holders Reporting | All Area In Hectare | Area By Size Of Holdings (In Hectare) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.0 | 1.01 - 2.0 | 2.01 - 5.0 | 5.01 - 10 | Over 10 |
| **Total Cropland** | 10248727 | 8699869 | 46787 | 1021733 | 1954568 | 3171347 | 2263195 | 199061 | 43177 |
| **Temporary Crops** | 9978569 | 8055117 | 28631 | 806967 | 1773711 | 3019318 | 2196984 | 189687 | 39820 |
| Grain Crops | 9642849 | 7854225 | 23519 | 752732 | 1718929 | 2963901 | 2170321 | 185868 | 38955 |
| Cereals | 9340197 | 6370106 | 19251 | 629443 | 1430657 | 2405422 | 1706609 | 145846 | 32878 |
| Barley | 3201657 | 771515 | 3166 | 100661 | 191819 | 279271 | 178269 | 15442 | 2885 |
| Maize | 5785735 | 1323038 | 9736 | 170849 | 320165 | 485491 | 301362 | 27048 | 8386 |
| Millet | 1009510 | 281455 | 180 | 15011 | 51421 | 112226 | 93427 | 6580 | * |
| Oats/'Aja' | 262140 | 29863 | 100 | 2975 | 6528 | 11738 | 7868 | 597 | * |
| Rice | 30391 | 8365 | * | 490 | 1759 | 3613 | 2282 | 182 | * |
| Sorghum | 3410963 | 1132496 | 2564 | 124757 | 287015 | 426567 | 262759 | 21937 | 6896 |
| Teff | 4438978 | 1818375 | 1913 | 125264 | 360409 | 715260 | 560116 | 47007 | 8407 |
| Wheat | 3160258 | 1005000 | 1580 | 89436 | 211542 | 371256 | 300526 | 27052 | 3608 |
| Pulses | 4710283 | 1017257 | 3399 | 100692 | 219944 | 382557 | 286745 | 21910 | 2009 |
| Chick Peas | 748967 | 184801 | 110 | 7407 | 26641 | 71056 | 72858 | 6548 | 180 |
| Fenugreek | 199721 | 15051 | 52 | 1002 | 2534 | 5434 | 5605 | 401 | * |
| Field Peas | 1132869 | 175222 | 335 | 16875 | 40944 | 67085 | 46014 | 3891 | * |
| Gibto | 43101 | 7254 | - | 289 | 1025 | 3314 | 2543 | * | - |
| Haricot beans | 1201316 | 119879 | 1020 | 20350 | 29708 | 39154 | 26205 | 2733 | 708 |
| Horse/ Faba beans | 2622493 | 369151 | 1686 | 46378 | 92654 | 137455 | 84908 | 5361 | 709 |
| Soya beans | 14048 | 1769 | 9 | 100 | 236 | 644 | 639 | 142 | - |
| Lentils | 449039 | 60138 | 130 | 5210 | 12981 | 22637 | 17823 | 1106 | * |
| Vetch/ Grass peas | 428585 | 83523 | 56 | 3034 | 13030 | 35631 | 30065 | 1645 | 60 |
| Other Pulses | 2801 | 470 | 2 | 46 | 190 | 146 | * | * | - |
| Oilseeds | 1842145 | 426130 | 466 | 17649 | 60027 | 161632 | 166537 | 17044 | 2776 |
| Groundnuts | 91246 | 16035 | 53 | 1776 | 4140 | 6191 | 3773 | 102 | - |
| Linseed | 578717 | 98596 | 78 | 5283 | 15410 | 37136 | 37575 | 2779 | * |
| Neug | 796306 | 232201 | 49 | 6378 | 27702 | 90871 | 97531 | 9201 | * |
| Rape seed | 341698 | 15044 | 207 | 1404 | 2515 | 5688 | 4845 | 381 | * |
| Sesame | 219213 | 58780 | 71 | 2532 | 9554 | 19641 | 20580 | 4434 | 1969 |
| Sufflower | 91153 | 5474 | 7 | 276 | 706 | 2106 | 2232 | 147 | - |
| Other Grains | 595546 | 40733 | 403 | 4949 | 8301 | 14290 | 10429 | 1068 | 1293 |
| Vegetables | 3030059 | 84029 | 1756 | 15290 | 21160 | 27799 | 15278 | 2241 | * |
| Head Cabbage | 38403 | 564 | 13 | 116 | 153 | 192 | 76 | * | * |
| Green peppers | 406963 | 3728 | 97 | 842 | 994 | 1143 | 617 | 31 | * |
| Ethiopian Cabbage | 1429904 | 14528 | 703 | 5359 | 4070 | 2966 | 911 | * | * |
| Lettuce | 9168 | 128 | 2 | 33 | 50 | 31 | * | * | - |
| Red peppers | 1111675 | 54376 | 600 | 6161 | 13168 | 20708 | 12397 | 1252 | * |
| Swiss chard | 20529 | 116 | 6 | 34 | 46 | 26 | 4 | * | - |
| Tomatoes | 44355 | 1545 | 17 | 389 | 430 | 530 | 150 | * | * |
| Other vegetables | 557892 | 9042 | 318 | 2355 | 2249 | 2203 | 1112 | * | * |
| Root Crops | 2888341 | 116864 | 3356 | 38944 | 33621 | 27619 | 11385 | 1578 | * |
| Beetroot | 56652 | 405 | 10 | 93 | 99 | 134 | 63 | 5 | * |
| Carrot | 34293 | 578 | 14 | 97 | 131 | 164 | 129 | 41 | * |
| Garlic | 713062 | 4802 | 140 | 763 | 1150 | 1622 | 986 | * | * |
| Taro/'Godere' | 730950 | 23591 | 956 | 8871 | 6550 | 5110 | 1760 | * | * |
| Onion | 482899 | 10489 | 243 | 2177 | 2809 | 3348 | 1770 | 138 | * |
| Potatoes | 815501 | 36736 | 545 | 8239 | 10913 | 11226 | 4829 | 711 | * |
| Sweet Potatoes | 738213 | 34027 | 1266 | 16369 | 10273 | 4985 | 1080 | * | 1 |
| Other root crops | 147981 | 6236 | 182 | 2335 | 1695 | 1029 | 768 | * | * |
| **Permanent Crops** | 5712916 | 644752 | 18157 | 214767 | 180858 | 152029 | 66211 | 9374 | * |
| Fruit crops | 2080812 | 40076 | 1150 | 12508 | 11736 | 9816 | 3920 | 661 | * |
| Avocados | 317642 | 2414 | 127 | 1244 | 662 | 287 | 82 | * | * |
| Bananas | 1315518 | 21268 | 547 | 6400 | 6257 | 5454 | 1944 | 536 | * |
| Guavas | 137405 | 1224 | 35 | 349 | 357 | 373 | 109 | * | - |
| Lemons | 110895 | 749 | 13 | 164 | 226 | 208 | 94 | 3 | * |
| Mangoes | 288990 | 3642 | 81 | 746 | 948 | 1134 | 622 | 32 | * |
| Oranges | 304570 | 2402 | 66 | 753 | 731 | 623 | 222 | 7 | * |
| Papayas | 396174 | 2713 | 103 | 765 | 769 | 669 | 307 | * | * |
| Pineapples | 10882 | 171 | * | 71 | * | 7 | * | * | - |
| Other fruits | 251300 | 5494 | 171 | 2014 | 1706 | 1060 | 535 | 8 | - |
| Stimulant crops | 4130108 | 358381 | 6177 | 92771 | 101041 | 99971 | 50482 | 6520 | * |
| Chat | 1531718 | 96066 | 1554 | 31034 | 32193 | 23553 | 7146 | 545 | * |
| Coffee | 2342290 | 243834 | 4262 | 58837 | 64774 | 69998 | 39137 | 5718 | * |
| Hops/'Gesho' | 1499888 | 18448 | 361 | 2884 | 4060 | 6418 | 4199 | 257 | * |
| Other stimulants | * | * | * | * | * | * | * | - | - |
| Other permanent crops | 3256405 | 246294 | 10829 | 109488 | 68081 | 42242 | 11809 | 2193 | * |
| Enset | 3014497 | 233492 | 10453 | 104555 | 64444 | 39437 | 10814 | 2149 | * |
| Sugar Cane | 557580 | 11775 | 338 | 4696 | 3335 | 2526 | 833 | 35 | * |
| Others | 163705 | 1027 | 38 | 236 | 302 | 279 | 163 | 9 | * |

TABLE 4.22.2 URBAN HOLDINGS

| Type of crop | Number Of Holders Reporting | All Area In Hectare | Area By Size Of Holdings ( In Hectare) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.0 | 1.01 - 2.0 | 2.01 - 5.0 | 5.01 - 10 | Over 10 |
| **Total Cropland** | 205084 | 161289 | 1990 | 19480 | 29257 | 37840 | 35687 | 13033 | 24002 |
| **Temporary Crops** | 173270 | 138273 | 1054 | 15665 | 26341 | 35036 | 33029 | 10956 | 16191 |
| Grain Crops | 165726 | 132810 | 907 | 14967 | 25660 | 34290 | 32169 | 10591 | 14227 |
| Cereals | 160754 | 112551 | 841 | 13526 | 22978 | 29745 | 26011 | 7564 | 11887 |
| Barley | 28459 | 10441 | 53 | 1169 | 2074 | 2980 | 2615 | 586 | 964 |
| Maize | 82455 | 27808 | 545 | 4596 | 5651 | 5960 | 5114 | 1546 | 4396 |
| Millet | 7498 | 3368 | 3 | 208 | 627 | 1010 | 807 | 207 | 505 |
| Oats/'Aja' | 1722 | 776 | 1 | 37 | 81 | 140 | 143 | 26 | * |
| Rice | 231 | 106 | * | 4 | 10 | 26 | 44 | 18 | * |
| Sorghum | 39434 | 18246 | 82 | 2464 | 4026 | 4558 | 3395 | 1961 | 1761 |
| Teff | 57351 | 27707 | 80 | 2762 | 6051 | 8280 | 7391 | 1289 | 1854 |
| Wheat | 46645 | 24100 | 76 | 2287 | 4456 | 6790 | 6502 | 1933 | 2056 |
| Pulses | 31975 | 11304 | 45 | 1097 | 1877 | 3044 | 3446 | 774 | 1021 |
| Chick Peas | 4611 | 1459 | 2 | 101 | 244 | 447 | 535 | 103 | 27 |
| Fenugreek | 1319 | 274 | 1 | 35 | 51 | 114 | 64 | 6 | 3 |
| Field Peas | 5515 | 1658 | 6 | 139 | 258 | 391 | 449 | 58 | 358 |
| Gibto | 63 | * | * | 2 | * | 4 | * | - | - |
| Haricot beans | 8488 | 2764 | 12 | 194 | 365 | 669 | 1056 | 356 | 112 |
| Horse/ Faba beans | 13121 | 3327 | 20 | 484 | 643 | 911 | 717 | 158 | 394 |
| Soya beans | 187 | 94 | * | - | * | 2 | * | * | - |
| Lentils | 2734 | 663 | 1 | 73 | 121 | 177 | 170 | 13 | * |
| Vetch/ Grass peas | 3568 | 1030 | 2 | 69 | 177 | 329 | 366 | 67 | 21 |
| Other Pulses | * | * | - | - | - | * | - | * | - |
| Oilseeds | 12164 | 7926 | 11 | 268 | 701 | 1356 | 2437 | 2056 | 1098 |
| Groundnuts | 1196 | 448 | 1 | 51 | 62 | 75 | 221 | 38 | - |
| Linseed | 3009 | 1546 | 1 | 62 | 152 | 402 | 467 | 119 | * |
| Neug | 3952 | 1941 | 1 | 64 | 218 | 507 | 565 | 189 | 397 |
| Rape seed | 365 | * | 1 | 6 | 4 | 5 | 10 | - | * |
| Sesame | 4250 | 3912 | 6 | 84 | 263 | 359 | 1172 | 1711 | 318 |
| Sufflower | 62 | 12 | - | * | 1 | 8 | 3 | - | - |
| Other Grains | 3051 | 1029 | 11 | 76 | 104 | 146 | 276 | 196 | * |
| Vegetables | 16280 | 2010 | 56 | 232 | 338 | 385 | 378 | 253 | 368 |
| Head Cabbage | 352 | 27 | 1 | 4 | 2 | 5 | 14 | * | - |
| Green peppers | 937 | 40 | 2 | 5 | 6 | 6 | * | * | 7 |
| Ethiopian Cabbage | 10061 | 530 | 34 | 71 | 67 | 53 | 88 | 47 | * |
| Lettuce | 487 | 35 | 3 | 5 | 3 | 7 | * | * | - |
| Red peppers | 4595 | 1004 | 7 | 101 | 212 | 240 | 148 | 141 | 155 |
| Swiss chard | 731 | * | 4 | 8 | 2 | 16 | * | - | * |
| Tomatoes | 1292 | 265 | 3 | 36 | 44 | 45 | 63 | 61 | * |
| Other vegetables | 214 | 25 | 1 | 1 | 2 | * | * | * | - |
| Root Crops | 15790 | 3453 | 92 | 466 | 343 | 361 | 482 | 112 | 1597 |
| Beetroot | 362 | 18 | 1 | 4 | 1 | 2 | * | * | * |
| Carrot | 759 | * | 4 | 10 | * | 16 | 23 | * | * |
| Garlic | 1024 | 58 | 6 | 6 | 10 | 4 | 31 | * | - |
| Taro/'Godere' | 4327 | 414 | 20 | 63 | 40 | 50 | 57 | * | 179 |
| Onion | 2674 | 657 | 8 | 76 | 101 | 145 | 178 | 73 | 77 |
| Potatoes | 4985 | 1292 | 26 | 151 | 120 | 132 | 149 | 35 | 679 |
| Sweet Potatoes | 4283 | 548 | 24 | 147 | 57 | 12 | * | * | 284 |
| Other root crops | 479 | 256 | 2 | 9 | 6 | * | 15 | - | 223 |
| **Permanent Crops** | 92246 | 23016 | 936 | 3816 | 2916 | 2804 | 2657 | 2077 | 7810 |
| Fruit crops | 29530 | 2386 | 117 | 326 | 259 | 269 | 383 | 322 | 710 |
| Avocados | 6847 | 505 | 15 | 43 | 25 | 27 | 62 | * | 312 |
| Bananas | 11968 | 670 | 29 | 96 | 84 | 68 | 105 | 146 | 140 |
| Guavas | 2856 | 204 | 6 | 12 | 15 | 26 | 61 | * | 60 |
| Lemons | 989 | 48 | 2 | 3 | 3 | 1 | 5 | * | * |
| Mangoes | 9313 | 359 | 28 | 72 | 49 | 76 | 55 | 60 | 20 |
| Oranges | 4649 | 157 | 8 | 27 | 27 | 24 | 36 | 18 | * |
| Papayas | 8014 | 270 | 20 | 50 | 43 | 37 | 55 | 12 | * |
| Pineapples | 93 | 1 | * | 1 | * | - | * | - | * |
| Other fruits | 3707 | 173 | 10 | 21 | 13 | 9 | 3 | * | 79 |
| Stimulant crops | 60842 | 14899 | 414 | 2378 | 2092 | 2148 | 1855 | 1341 | 4671 |
| Chat | 14143 | 1538 | 67 | 335 | 230 | 138 | 126 | 174 | 469 |
| Coffee | 44396 | 12711 | 299 | 1954 | 1808 | 1917 | 1560 | 1065 | 4109 |
| Hops/'Gesho' | 11511 | 650 | 48 | 90 | 54 | 93 | 169 | 102 | * |
| Other stimulants | * | * | * | - | - | - | * | - | - |
| Other permanent crops | 46394 | 5731 | 405 | 1111 | 565 | 388 | 419 | 414 | 2429 |
| Enset | 43159 | 4467 | 375 | 995 | 503 | 314 | 305 | 326 | 1648 |
| Sugar Cane | 5730 | 1233 | 29 | 112 | 58 | 69 | 96 | * | 781 |
| Others | 503 | 31 | 1 | 4 | 4 | 4 | * | - | - |

TABLE 4.23. NUMBER OF HOLDERS AND AREA OF HOLDING WITH ALL CROPLAND BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With All Cropland | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 10453811 | 8861158 | 48777 | 1041214 | 1983826 | 3209187 | 2298881 | 212094 | 67179 |
| Tigray | 685040 | 555694 | 2104 | 79219 | 146233 | 187045 | 113164 | 14626 | * |
| Afar | 11092 | 10721 | 51 | 889 | 2257 | 3623 | 2973 | 349 | * |
| Amhara | 3006330 | 2977000 | 10216 | 234786 | 610585 | 1202853 | 866642 | 42828 | 9090 |
| Oromia | 4034120 | 3961805 | 12073 | 355155 | 837867 | 1453173 | 1136956 | 130786 | 35797 |
| Somali | 86789 | 70090 | 299 | 8751 | 20129 | 26741 | 13288 | 882 | - |
| Benishangul-Gumuz | 127573 | 146462 | 494 | 8808 | 23343 | 51339 | 53593 | 7691 | 1193 |
| S.N.N.P.R | 2427338 | 1085248 | 23059 | 345153 | 331630 | 270172 | 96554 | 11789 | 6894 |
| Gambella | 30800 | 13592 | 308 | 3719 | 3915 | 3337 | 1954 | 315 | * |
| Harari | 14084 | 8380 | 71 | 1860 | 2901 | 2823 | 623 | 39 | * |
| Addis Ababa | 15946 | 24238 | 57 | 668 | 1605 | 6179 | 12721 | 2793 | * |
| Dire Dawa | 14701 | 7928 | 45 | 2206 | 3362 | 1901 | 414 | - | - |

TABLE 4.23.1 RURAL HOLDINGS

| Geographic Area | Holdings With All Cropland | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 10248727 | 8699869 | 46787 | 1021733 | 1954568 | 3171347 | 2263195 | 199061 | 43177 |
| Tigray | 671585 | 544351 | 2042 | 77710 | 143803 | 184210 | 110830 | 13501 | * |
| Afar | 10497 | 10085 | 49 | 840 | 2122 | 3391 | 2853 | 250 | * |
| Amhara | 2973692 | 2953354 | 10006 | 231626 | 605245 | 1196505 | 861021 | 40249 | * |
| Oromia | 3938167 | 3868579 | 11330 | 346510 | 822669 | 1430597 | 1114858 | 124351 | 18266 |
| Somali | 83503 | 68257 | 263 | 8393 | 19584 | 26199 | 13000 | 818 | - |
| Benishangul-Gumuz | 123730 | 140811 | 466 | 8643 | 22767 | 50339 | 51659 | 6167 | 771 |
| S.N.N.P.R | 2377971 | 1064743 | 22224 | 340095 | 327150 | 266888 | 94804 | 10979 | * |
| Gambella | 29188 | 12684 | 279 | 3563 | 3800 | 3165 | 1753 | * | - |
| Harari | 13273 | 8073 | 56 | 1778 | 2860 | 2798 | 581 | - | - |
| Addis Ababa | 13049 | 21196 | 32 | 485 | 1244 | 5387 | 11424 | 2624 | - |
| Dire Dawa | 14073 | 7737 | 39 | 2091 | 3325 | 1869 | 414 | - | - |

TABLE 4.23.2 URBAN HOLDINGS

| Geographic Area | Holdings With All Cropland | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 205084 | 161289 | 1990 | 19480 | 29257 | 37840 | 35687 | 13033 | 24002 |
| Tigray | 13455 | 11343 | 62 | 1509 | 2430 | 2835 | 2335 | 1126 | 1048 |
| Afar | 595 | 635 | 1 | 48 | 135 | 231 | 120 | 99 | - |
| Amhara | 32639 | 23646 | 210 | 3160 | 5340 | 6349 | 5622 | 2579 | 388 |
| Oromia | 95953 | 93226 | 743 | 8645 | 15198 | 22577 | 22099 | 6436 | 17532 |
| Somali | 3285 | 1834 | 36 | 358 | 546 | 543 | 288 | 64 | - |
| Benishangul-Gumuz | 3843 | 5651 | 29 | 165 | 576 | 1001 | 1934 | 1524 | 422 |
| S.N.N.P.R | 49366 | 20506 | 834 | 5058 | 4480 | 3285 | 1750 | 810 | 4290 |
| Gambella | 1611 | 909 | 29 | 156 | 115 | 172 | 201 | 191 | * |
| Harari | 811 | 307 | 16 | 82 | 41 | 25 | 42 | 39 | * |
| Addis Ababa | 2897 | 3042 | 26 | 183 | 361 | 792 | 1297 | 169 | * |
| Dire Dawa | 628 | 190 | 5 | 115 | 37 | 32 | - | - | - |

TABLE 4.24. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL TEMPORARY CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING
BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With All Temporary Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 10151838 | 8193390 | 29685 | 822631 | 1800052 | 3054354 | 2230013 | 200643 | 56011 |
| Tigray | 682056 | 549427 | 1930 | 77100 | 144360 | 185947 | 112541 | 14521 | * |
| Afar | 10416 | 10328 | 37 | 788 | 2167 | 3583 | 2825 | 349 | * |
| Amhara | 2994052 | 2954905 | 9551 | 230195 | 605317 | 1195447 | 862841 | 42621 | 8933 |
| Oromia | 3953517 | 3625773 | 8048 | 288220 | 742255 | 1351340 | 1085950 | 122576 | 27385 |
| Somali | 84271 | 61974 | 255 | 7574 | 17429 | 23718 | 12263 | 735 | - |
| Benishangul-Gumuz | 126622 | 143961 | 452 | 8585 | 22869 | 50427 | 52921 | 7631 | 1077 |
| S.N.N.P.R | 2227399 | 799863 | 9032 | 203120 | 256084 | 231617 | 85942 | 9309 | 4758 |
| Gambella | 29159 | 9827 | 247 | 3129 | 2865 | 2304 | 1169 | * | * |
| Harari | 14002 | 6213 | 47 | 1317 | 2161 | 2157 | 490 | * | * |
| Addis Ababa | 15707 | 24188 | 51 | 655 | 1604 | 6168 | 12710 | 2789 | * |
| Dire Dawa | 14638 | 6931 | 35 | 1948 | 2940 | 1646 | 361 | - | - |

TABLE 4.24.1 RURAL HOLDINGS

| Geographic Area | Holdings With All Temporary Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9978569 | 8055117 | 28631 | 806967 | 1773711 | 3019318 | 2196984 | 189687 | 39820 |
| Tigray | 668760 | 538377 | 1870 | 75604 | 141951 | 183132 | 110339 | 13479 | * |
| Afar | 9829 | 9693 | 36 | 740 | 2032 | 3352 | 2704 | 250 | * |
| Amhara | 2964072 | 2932071 | 9398 | 227181 | 600075 | 1189191 | 857394 | 40139 | * |
| Oromia | 3874012 | 3547538 | 7663 | 281637 | 729007 | 1330805 | 1065517 | 117340 | 15571 |
| Somali | 81074 | 60198 | 220 | 7223 | 16902 | 23195 | 11987 | 671 | - |
| Benishangul-Gumuz | 123372 | 138472 | 437 | 8442 | 22316 | 49466 | 51030 | 6127 | 655 |
| S.N.N.P.R | 2189435 | 785427 | 8692 | 199561 | 252336 | 228815 | 84699 | 9003 | * |
| Gambella | 27766 | 9395 | 221 | 2998 | 2806 | 2227 | 1085 | * | - |
| Harari | 13221 | 5995 | 33 | 1247 | 2128 | 2136 | 452 | - | - |
| Addis Ababa | 12977 | 21170 | 29 | 484 | 1243 | 5378 | 11415 | 2621 | - |
| Dire Dawa | 14051 | 6780 | 31 | 1851 | 2916 | 1621 | 361 | - | - |

TABLE 4.24.2 URBAN HOLDINGS

| Geographic Area | Holdings With All Temporary Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 173270 | 138273 | 1054 | 15665 | 26341 | 35036 | 33029 | 10956 | 16191 |
| Tigray | 13296 | 11050 | 60 | 1496 | 2410 | 2816 | 2202 | 1042 | 1025 |
| Afar | 587 | 635 | 1 | 48 | 135 | 231 | 120 | 99 | - |
| Amhara | 29981 | 22834 | 153 | 3014 | 5242 | 6256 | 5447 | 2482 | 241 |
| Oromia | 79505 | 78235 | 386 | 6583 | 13249 | 20535 | 20433 | 5237 | 11814 |
| Somali | 3197 | 1776 | 35 | 351 | 528 | 523 | 276 | 64 | - |
| Benishangul-Gumuz | 3250 | 5489 | 15 | 143 | 553 | 961 | 1891 | 1504 | 422 |
| S.N.N.P.R | 37963 | 14436 | 340 | 3559 | 3749 | 2802 | 1243 | 306 | 2438 |
| Gambella | 1393 | 432 | 25 | 131 | 59 | 77 | 84 | * | * |
| Harari | 780 | 217 | 15 | 71 | 33 | 21 | 38 | * | * |
| Addis Ababa | 2730 | 3019 | 22 | 171 | 361 | 789 | 1296 | 167 | * |
| Dire Dawa | 588 | 151 | 4 | 98 | 24 | 25 | - | - | - |

TABLE 4.25. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER GRAIN BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Grain Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9808575 | 7987035 | 24426 | 767699 | 1744589 | 2998190 | 2202490 | 196459 | 53182 |
| Tigray | 680088 | 547140 | 1884 | 76621 | 143786 | 185465 | 112321 | 14100 | * |
| Afar | 10065 | 9907 | 32 | 750 | 2114 | 3440 | 2700 | 291 | * |
| Amhara | 2979813 | 2920529 | 8971 | 225587 | 597206 | 1182686 | 854865 | 42303 | 8911 |
| Oromia | 3901817 | 3551264 | 7067 | 275854 | 722144 | 1326588 | 1073076 | 120535 | 26002 |
| Somali | 83924 | 61154 | 242 | 7438 | 17169 | 23441 | 12144 | 718 | - |
| Benishangul-Gumuz | 126142 | 141618 | 419 | 8314 | 22442 | 49664 | 52196 | 7511 | 1071 |
| S.N.N.P.R | 1956150 | 710096 | 5492 | 166465 | 230548 | 215059 | 80774 | 8143 | 3617 |
| Gambella | 27568 | 8895 | 212 | 2873 | 2581 | 2046 | 1069 | * | * |
| Harari | 13947 | 6112 | 45 | 1284 | 2135 | 2124 | 484 | * | * |
| Addis Ababa | 14449 | 23507 | 29 | 621 | 1565 | 6046 | 12499 | 2747 | - |
| Dire Dawa | 14611 | 6814 | 32 | 1892 | 2897 | 1632 | 361 | - | - |

TABLE 4.25.1 RURAL HOLDINGS

| Geographic Area | Holdings With Grain Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9642849 | 7854225 | 23519 | 752732 | 1718929 | 2963901 | 2170321 | 185868 | 38955 |
| Tigray | 666861 | 536165 | 1825 | 75130 | 141380 | 182661 | 110148 | 13082 | * |
| Afar | 9528 | 9391 | 31 | 703 | 1995 | 3228 | 2604 | 250 | * |
| Amhara | 2950407 | 2898100 | 8833 | 222643 | 592053 | 1176509 | 849540 | 39837 | * |
| Oromia | 3824697 | 3475511 | 6717 | 269524 | 709156 | 1306432 | 1053030 | 115444 | 15209 |
| Somali | 80787 | 59404 | 209 | 7092 | 16646 | 22920 | 11875 | 661 | - |
| Benishangul-Gumuz | 122955 | 136250 | 407 | 8185 | 21900 | 48713 | 50329 | 6068 | 649 |
| S.N.N.P.R | 1921900 | 697388 | 5230 | 163232 | 227071 | 212432 | 79640 | 7890 | * |
| Gambella | 26186 | 8470 | 187 | 2743 | 2523 | 1970 | 990 | * | - |
| Harari | 13179 | 5900 | 31 | 1215 | 2104 | 2103 | 448 | - | - |
| Addis Ababa | 12318 | 20981 | 21 | 470 | 1229 | 5325 | 11357 | 2579 | - |
| Dire Dawa | 14032 | 6665 | 28 | 1795 | 2873 | 1607 | 361 | - | - |

TABLE 4.25.2 URBAN HOLDINGS

| Geographic Area | Holdings With Grain Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 165726 | 132810 | 907 | 14967 | 25660 | 34290 | 32169 | 10591 | 14227 |
| Tigray | 13227 | 10974 | 59 | 1491 | 2406 | 2804 | 2173 | 1017 | 1025 |
| Afar | 537 | 516 | 1 | 47 | 119 | 212 | 96 | * | - |
| Amhara | 29406 | 22429 | 139 | 2944 | 5153 | 6178 | 5325 | 2466 | 224 |
| Oromia | 77120 | 75754 | 350 | 6330 | 12988 | 20156 | 20046 | 5092 | 10793 |
| Somali | 3137 | 1750 | 33 | 346 | 524 | 521 | 269 | 57 | - |
| Benishangul-Gumuz | 3187 | 5368 | 13 | 129 | 543 | 951 | 1867 | 1443 | 422 |
| S.N.N.P.R | 34251 | 12709 | 262 | 3233 | 3478 | 2627 | 1134 | 253 | 1723 |
| Gambella | 1383 | 425 | 25 | 130 | 58 | 76 | 79 | * | * |
| Harari | 768 | 211 | 14 | 69 | 31 | 21 | 37 | * | * |
| Addis Ababa | 2131 | 2526 | 8 | 151 | 337 | 721 | 1142 | 167 | - |
| Dire Dawa | 579 | 149 | 4 | 97 | 24 | 25 | - | - | - |

TABLE 4.26. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER CEREALS BY GEOGRAPHIC AREA AND SIZE OF HOLDING
BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Cereal Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9500952 | 6482657 | 20091 | 642969 | 1453635 | 2435167 | 1732620 | 153410 | 44765 |
| Tigray | 671340 | 471668 | 1624 | 66365 | 124531 | 161443 | 94168 | 11671 | * |
| Afar | 9587 | 8799 | 30 | 701 | 1960 | 3290 | 2541 | 277 | - |
| Amhara | 2939592 | 2233001 | 7543 | 178253 | 464630 | 904935 | 641029 | 30468 | * |
| Oromia | 3830263 | 2977913 | 6019 | 243259 | 628286 | 1114811 | 865926 | 96586 | 23028 |
| Somali | 83393 | 58725 | 219 | 7014 | 16334 | 22742 | 11713 | 702 | - |
| Benishangul-Gumuz | 124567 | 107506 | 361 | 6842 | 18039 | 38451 | 38000 | 4944 | 869 |
| S.N.N.P.R | 1773719 | 587180 | 4007 | 134409 | 191720 | 179783 | 67876 | 6564 | 2822 |
| Gambella | 26276 | 8254 | 191 | 2748 | 2409 | 1880 | 945 | 58 | * |
| Harari | 13762 | 4811 | 42 | 1066 | 1667 | 1690 | 307 | * | * |
| Addis Ababa | 13843 | 18225 | 24 | 457 | 1267 | 4587 | 9771 | 2119 | - |
| Dire Dawa | 14611 | 6575 | 32 | 1855 | 2791 | 1554 | 344 | - | - |

TABLE 4.26.1 RURAL HOLDINGS

| Geographic Area | Holdings With Cereal Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9340197 | 6370106 | 19251 | 629443 | 1430657 | 2405422 | 1706609 | 145846 | 32878 |
| Tigray | 658748 | 462526 | 1578 | 65058 | 122321 | 158910 | 92427 | 10970 | * |
| Afar | 9060 | 8291 | 29 | 655 | 1843 | 3078 | 2450 | 236 | - |
| Amhara | 2911378 | 2216029 | 7417 | 175818 | 460378 | 899935 | 637281 | 29168 | * |
| Oromia | 3754915 | 2911616 | 5685 | 237358 | 616485 | 1097198 | 848870 | 92282 | 13739 |
| Somali | 80265 | 57041 | 187 | 6673 | 15815 | 22239 | 11475 | 652 | - |
| Benishangul-Gumuz | 121474 | 103942 | 349 | 6736 | 17607 | 37721 | 36850 | 4161 | 519 |
| S.N.N.P.R | 1740657 | 575655 | 3767 | 131432 | 188492 | 177371 | 66928 | 6342 | * |
| Gambella | 24925 | 7877 | 167 | 2633 | 2360 | 1811 | 873 | * | - |
| Harari | 12995 | 4625 | 29 | 1007 | 1639 | 1671 | 279 | - | - |
| Addis Ababa | 11747 | 16078 | 16 | 315 | 951 | 3960 | 8833 | 2003 | - |
| Dire Dawa | 14032 | 6426 | 28 | 1758 | 2767 | 1529 | 344 | - | - |

TABLE 4.262 URBAN HOLDINGS

| Geographic Area | Holdings With Cereal Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 160754 | 112551 | 841 | 13526 | 22978 | 29745 | 26011 | 7564 | 11887 |
| Tigray | 12592 | 9142 | 46 | 1307 | 2210 | 2533 | 1741 | 701 | 603 |
| Afar | 527 | 508 | 1 | 46 | 117 | 212 | 91 | * | - |
| Amhara | 28214 | 16972 | 126 | 2434 | 4252 | 5000 | 3748 | 1300 | 111 |
| Oromia | 75348 | 66297 | 334 | 5901 | 11801 | 17612 | 17057 | 4305 | 9289 |
| Somali | 3127 | 1684 | 32 | 341 | 519 | 504 | 238 | 50 | - |
| Benishangul-Gumuz | 3093 | 3563 | 13 | 107 | 432 | 730 | 1150 | 782 | 350 |
| S.N.N.P.R | 33062 | 11525 | 240 | 2977 | 3229 | 2413 | 948 | 222 | 1497 |
| Gambella | 1351 | 377 | 24 | 116 | 49 | 69 | 72 | * | * |
| Harari | 767 | 186 | 13 | 59 | 27 | 19 | 28 | * | * |
| Addis Ababa | 2096 | 2147 | 8 | 142 | 316 | 627 | 938 | 116 | - |
| Dire Dawa | 579 | 149 | 4 | 97 | 24 | 25 | - | - | - |

TABLE 4.27 NUMBER OF HOLDERS AND AREA OF HOLDING UNDER PULSES BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Pulse Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 4742258 | 1028561 | 3445 | 101789 | 221821 | 385601 | 290191 | 22685 | 3030 |
| Tigray | 297476 | 43443 | 227 | 8932 | 13947 | 12902 | 6881 | 366 | * |
| Afar | 741 | 103 | * | 5 | 30 | 30 | 39 | - | - |
| Amhara | 1730801 | 490771 | 1140 | 39959 | 107909 | 203899 | 133481 | 3929 | * |
| Oromia | 1679593 | 370775 | 878 | 23782 | 63296 | 133220 | 132030 | 15867 | 1705 |
| Somali | 13476 | 1409 | 23 | 279 | 458 | 406 | 235 | * | - |
| Benishangul-Gumuz | 43094 | 6895 | 17 | 295 | 951 | 1963 | 3208 | 397 | 64 |
| S.N.N.P.R | 958890 | 109570 | 1144 | 28298 | 34798 | 31632 | 11584 | 1497 | * |
| Gambella | 3801 | 117 | 13 | 39 | 31 | 26 | * | - | - |
| Harari | 1013 | 30 | * | 9 | 11 | 4 | * | - | - |
| Addis Ababa | 10230 | 5244 | 4 | * | 297 | 1454 | 2704 | 622 | - |
| Dire Dawa | 3143 | 204 | - | 29 | 93 | 65 | * | - | - |

TABLE 4.27.1 RURAL HOLDINGS

| Geographic Area | Holdings With Pulse Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 4710283 | 1017257 | 3399 | 100692 | 219944 | 382557 | 286745 | 21910 | 2009 |
| Tigray | 295217 | 42715 | 220 | 8821 | 13837 | 12768 | 6718 | 329 | * |
| Afar | 741 | 103 | * | 5 | 30 | 30 | 39 | - | - |
| Amhara | 1722293 | 488190 | 1131 | 39513 | 107239 | 203109 | 132926 | 3832 | * |
| Oromia | 1665454 | 364254 | 865 | 23464 | 62475 | 131425 | 129779 | 15310 | 938 |
| Somali | 13239 | 1351 | 22 | 274 | 455 | 389 | 204 | * | - |
| Benishangul-Gumuz | 42705 | 6716 | 17 | 291 | 928 | 1951 | 3095 | 391 | * |
| S.N.N.P.R | 953211 | 108694 | 1129 | 28095 | 34570 | 31428 | 11438 | 1466 | * |
| Gambella | 3789 | 116 | 13 | 38 | 31 | 26 | * | - | - |
| Harari | 977 | 26 | * | 8 | 10 | * | * | - | - |
| Addis Ababa | 9513 | 4889 | 4 | * | 277 | 1363 | 2517 | 575 | - |
| Dire Dawa | 3143 | 204 | - | 29 | 93 | 65 | * | - | - |

TABLE 4.272 URBAN HOLDINGS

| Geographic Area | Holdings With Pulse Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 31975 | 11304 | 45 | 1097 | 1877 | 3044 | 3446 | 774 | 1021 |
| Tigray | 2259 | 729 | 8 | 111 | 110 | 134 | 163 | 37 | * |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 8508 | 2581 | 9 | 446 | 670 | 791 | 555 | 97 | * |
| Oromia | 14139 | 6522 | 13 | 318 | 821 | 1795 | 2251 | 557 | 768 |
| Somali | 237 | 57 | 1 | 5 | 3 | 17 | 32 | - | - |
| Benishangul-Gumuz | 389 | 179 | * | * | 24 | 11 | 113 | 6 | * |
| S.N.N.P.R | 5679 | 876 | 14 | 203 | 228 | 204 | 146 | * | * |
| Gambella | 13 | 1 | - | * | * | * | - | - | - |
| Harari | * | * | * | * | * | * | - | - | - |
| Addis Ababa | 716 | 355 | * | 9 | 20 | 91 | 187 | 47 | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.28. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER OILSEEDS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Oilseeds | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1854309 | 434056 | 476 | 17916 | 60727 | 162988 | 168973 | 19100 | 3874 |
| Tigray | 109075 | 31727 | 32 | 1298 | 5247 | 11008 | 11177 | 2055 | 910 |
| Afar | 847 | 142 | * | * | 29 | 42 | 23 | - | * |
| Amhara | 852466 | 178650 | 244 | 6614 | 22143 | 67422 | 73824 | 6867 | * |
| Oromia | 721443 | 191091 | 109 | 7831 | 28074 | 73499 | 72349 | 7965 | 1268 |
| Somali | 6497 | 502 | * | 62 | 136 | 163 | 134 | * | - |
| Benishangul-Gumuz | 73963 | 26861 | 39 | 1138 | 3365 | 9153 | 10874 | 2168 | 124 |
| S.N.N.P.R | 80365 | 3376 | 46 | 691 | 1169 | 1153 | 305 | * | * |
| Gambella | 2457 | 367 | 6 | 53 | 95 | 101 | 90 | * | - |
| Harari | 6450 | 1270 | 3 | 208 | 457 | 429 | * | - | - |
| Addis Ababa | 308 | 37 | * | * | * | * | 25 | * | - |
| Dire Dawa | 439 | 34 | - | * | * | * | * | - | - |

TABLE 4.28.1 RURAL HOLDINGS

| Geographic Area | Holdings With Oilseeds | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1842145 | 426130 | 466 | 17649 | 60027 | 161632 | 166537 | 17044 | 2776 |
| Tigray | 107428 | 30634 | 27 | 1226 | 5162 | 10875 | 10915 | 1775 | * |
| Afar | 847 | 142 | * | * | 29 | 42 | 23 | - | * |
| Amhara | 848749 | 176212 | 241 | 6558 | 21937 | 67099 | 72956 | 5939 | * |
| Oromia | 716782 | 188392 | 107 | 7733 | 27763 | 72812 | 71667 | 7782 | 531 |
| Somali | 6482 | 493 | * | 62 | 134 | 163 | 134 | - | - |
| Benishangul-Gumuz | 72373 | 25244 | 39 | 1119 | 3279 | 8946 | 10276 | 1512 | * |
| S.N.N.P.R | 80293 | 3371 | 46 | 689 | 1169 | 1153 | 304 | * | * |
| Gambella | 2265 | 345 | 6 | 41 | 87 | 98 | 90 | * | - |
| Harari | 6260 | 1249 | * | 200 | 455 | 429 | * | - | - |
| Addis Ababa | 229 | 14 | * | * | * | * | * | * | - |
| Dire Dawa | 439 | 34 | - | * | * | * | * | - | - |

TABLE 4.282 URBAN HOLDINGS

| Geographic Area | Holdings With Oilseeds | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 12164 | 7926 | 11 | 268 | 701 | 1356 | 2437 | 2056 | 1098 |
| Tigray | 1647 | 1093 | 5 | 72 | 85 | 133 | 262 | 280 | 255 |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 3718 | 2437 | 3 | 56 | 206 | 323 | 868 | 928 | 55 |
| Oromia | 4661 | 2700 | 2 | 98 | 312 | 688 | 683 | 183 | 737 |
| Somali | 16 | * | - | * | 1 | - | - | * | - |
| Benishangul-Gumuz | 1589 | 1617 | * | 19 | 86 | 207 | 599 | * | * |
| S.N.N.P.R | 72 | 5 | * | * | * | * | * | - | * |
| Gambella | 192 | 23 | * | 12 | 8 | 3 | * | - | - |
| Harari | 190 | 21 | * | 9 | * | - | * | - | - |
| Addis Ababa | 79 | 23 | - | - | - | * | 17 | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.29. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER OTHER GRAINS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Other Grains | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 598597 | 41762 | 414 | 5025 | 8405 | 14435 | 10706 | 1264 | 1513 |
| Tigray | 4816 | 302 | * | 26 | 61 | 111 | 96 | * | - |
| Afar | 598 | * | * | * | * | * | 98 | * | * |
| Amhara | 135465 | 18108 | 47 | 762 | 2524 | 6431 | 6532 | 1041 | * |
| Oromia | 212528 | 11486 | 64 | 983 | 2490 | 5060 | 2772 | 119 | * |
| Somali | 2793 | 519 | - | * | * | 130 | * | * | - |
| Benishangul-Gumuz | 9843 | 357 | 2 | 40 | 87 | 98 | 114 | * | * |
| S.N.N.P.R | 229114 | 9971 | 297 | 3069 | 2861 | 2491 | 1011 | * | * |
| Gambella | 3261 | 156 | 3 | 33 | 47 | 39 | 24 | * | * |
| Harari | * | * | - | * | - | - | - | - | - |
| Addis Ababa | * | * | * | - | - | * | * | * | - |
| Dire Dawa | * | * | - | * | * | - | - | - | - |

TABLE 4.29.1 RURAL HOLDINGS

| Geographic Area | Holdings With Other Grains | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 595546 | 40733 | 403 | 4949 | 8301 | 14290 | 10429 | 1068 | 1293 |
| Tigray | 4797 | 291 | * | 25 | 61 | 108 | * | * | - |
| Afar | 587 | * | * | * | * | * | 92 | * | * |
| Amhara | 134808 | 17670 | 46 | 755 | 2498 | 6367 | 6377 | 899 | * |
| Oromia | 211880 | 11250 | 63 | 970 | 2435 | 4998 | 2716 | 71 | * |
| Somali | 2793 | 519 | - | * | * | 130 | * | * | - |
| Benishangul-Gumuz | 9831 | 348 | 2 | 40 | 87 | 95 | 108 | * | * |
| S.N.N.P.R | 227504 | 9668 | 289 | 3018 | 2841 | 2481 | 971 | * | - |
| Gambella | 3166 | 132 | 2 | 31 | 45 | 35 | * | * | - |
| Harari | * | * | - | * | - | - | - | - | - |
| Addis Ababa | * | * | * | - | - | * | * | * | - |
| Dire Dawa | * | * | - | * | * | - | - | - | - |

TABLE 4.292 URBAN HOLDINGS

| Geographic Area | Holdings With Other Grains | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3051 | 1029 | 11 | 76 | 104 | 146 | 276 | 196 | * |
| Tigray | 19 | 11 | * | * | - | * | * | - | - |
| Afar | 11 | * | - | 1 | * | - | * | - | - |
| Amhara | 657 | 439 | 1 | 8 | 25 | 65 | 155 | 142 | 44 |
| Oromia | 648 | 236 | 2 | 14 | 55 | 62 | 56 | * | * |
| Somali | - | - | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - | - | * | * | - | - |
| S.N.N.P.R | 1609 | 303 | 8 | 51 | 21 | 10 | * | - | * |
| Gambella | 95 | 24 | * | * | 2 | * | * | * | * |
| Harari | - | - | - | - | - | - | - | - | - |
| Addis Ababa | - | - | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.30. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER VEGETABLES BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Vegetables | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3046339 | 86039 | 1812 | 15522 | 21499 | 28184 | 15656 | 2494 | 872 |
| Tigray | 81806 | 1431 | 12 | 169 | 306 | 346 | 125 | * | * |
| Afar | 677 | 126 | * | * | * | * | 13 | * | - |
| Amhara | 714562 | 18126 | 326 | 1947 | 3409 | 7052 | 5110 | 274 | 10 |
| Oromia | 1115889 | 33619 | 455 | 4489 | 8068 | 11800 | 7042 | 1306 | 463 |
| Somali | 2057 | 106 | * | 26 | 33 | * | * | * | - |
| Benishangul-Gumuz | 41273 | 1550 | 18 | 138 | 244 | 508 | 527 | 111 | * |
| S.N.N.P.R | 1075273 | 30242 | 966 | 8586 | 9220 | 8178 | 2650 | 336 | * |
| Gambella | 8840 | 565 | 13 | 127 | 176 | 182 | 67 | * | - |
| Harari | 936 | 11 | 1 | 5 | 4 | 1 | - | - | - |
| Addis Ababa | 3767 | 231 | 13 | 18 | 14 | 58 | * | * | * |
| Dire Dawa | 1258 | 31 | * | 14 | * | * | - | - | - |

TABLE 4.30.1 RURAL HOLDINGS

| Geographic Area | Holdings With Vegetables | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3030059 | 84029 | 1756 | 15290 | 21160 | 27799 | 15278 | 2241 | * |
| Tigray | 81593 | 1393 | 11 | 168 | 304 | 338 | 111 | * | * |
| Afar | 641 | 67 | * | * | * | * | * | - | - |
| Amhara | 713267 | 17964 | 323 | 1928 | 3377 | 7008 | 5061 | 263 | * |
| Oromia | 1111123 | 32773 | 443 | 4389 | 7953 | 11646 | 6886 | 1231 | * |
| Somali | 1918 | 97 | * | 25 | 31 | * | * | * | - |
| Benishangul-Gumuz | 40923 | 1448 | 17 | 137 | 236 | 500 | 504 | 50 | * |
| S.N.N.P.R | 1066720 | 29658 | 940 | 8495 | 9058 | 8059 | 2617 | 288 | * |
| Gambella | 8790 | 562 | 13 | 126 | 176 | 182 | 65 | * | - |
| Harari | 871 | 7 | * | 3 | 2 | 1 | - | - | - |
| Addis Ababa | 2968 | 33 | 2 | 2 | 2 | * | 8 | * | - |
| Dire Dawa | 1247 | 30 | * | 13 | * | * | - | - | - |

TABLE 4.302 URBAN HOLDINGS

| Geographic Area | Holdings With Vegetables | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 16280 | 2010 | 56 | 232 | 338 | 385 | 378 | 253 | 368 |
| Tigray | 214 | 39 | 1 | 1 | 2 | * | 14 | * | - |
| Afar | 37 | 59 | * | - | 4 | * | * | * | - |
| Amhara | 1295 | 162 | 3 | 20 | 32 | 44 | 49 | * | 4 |
| Oromia | 4767 | 847 | 13 | 100 | 115 | 154 | 156 | 75 | 236 |
| Somali | 139 | 10 | 2 | 2 | 1 | * | * | - | - |
| Benishangul-Gumuz | 350 | 102 | * | * | * | 8 | 23 | * | - |
| S.N.N.P.R | 8553 | 585 | 26 | 91 | 162 | 120 | 33 | 48 | * |
| Gambella | 51 | 4 | * | 1 | * | * | * | - | - |
| Harari | 65 | * | * | * | * | * | - | - | - |
| Addis Ababa | 799 | 199 | 10 | 15 | 13 | * | * | - | * |
| Dire Dawa | 11 | * | * | * | - | - | - | - | - |

TABLE 4.31. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ROOT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Root Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2904130 | 120316 | 3447 | 39410 | 33964 | 27980 | 11867 | 1691 | 1958 |
| Tigray | 43394 | 856 | 34 | 310 | 269 | 137 | 95 | * | - |
| Afar | 456 | 295 | * | * | * | * | * | * | - |
| Amhara | 668750 | 16250 | 254 | 2661 | 4703 | 5709 | 2867 | 44 | * |
| Oromia | 1018468 | 40890 | 528 | 7878 | 12044 | 12953 | 5834 | 737 | 921 |
| Somali | 10456 | 714 | * | 110 | 227 | 266 | 93 | * | - |
| Benishangul-Gumuz | 28614 | 793 | 15 | 132 | 182 | 255 | 198 | 10 | 2 |
| S.N.N.P.R | 1113046 | 59524 | 2575 | 28070 | 16317 | 8381 | 2519 | * | 834 |
| Gambella | 9849 | 367 | 21 | 129 | 108 | 76 | 33 | * | - |
| Harari | 2159 | 90 | * | 28 | 22 | 32 | * | - | - |
| Addis Ababa | 6261 | 451 | 10 | 16 | 24 | 64 | 112 | 35 | * |
| Dire Dawa | 2675 | 86 | 2 | 43 | 32 | * | - | - | - |

TABLE 4.31.1 RURAL HOLDINGS

| Geographic Area | Holdings With Root Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2888341 | 116864 | 3356 | 38944 | 33621 | 27619 | 11385 | 1578 | * |
| Tigray | 43277 | 820 | 34 | 306 | 267 | 133 | * | - | - |
| Afar | 400 | 236 | * | * | * | * | * | - | - |
| Amhara | 667040 | 16007 | 244 | 2611 | 4645 | 5675 | 2794 | 40 | - |
| Oromia | 1013430 | 39255 | 505 | 7725 | 11898 | 12728 | 5603 | 666 | * |
| Somali | 10375 | 697 | * | 106 | 225 | 265 | 90 | * | - |
| Benishangul-Gumuz | 28506 | 775 | 13 | 119 | 180 | 254 | 197 | 10 | 2 |
| S.N.N.P.R | 1104991 | 58382 | 2523 | 27834 | 16207 | 8325 | 2444 | * | * |
| Gambella | 9798 | 363 | 21 | 129 | 107 | 75 | 31 | * | - |
| Harari | 2136 | 88 | * | 28 | 22 | 32 | * | - | - |
| Addis Ababa | 5718 | 157 | 6 | 12 | 13 | * | 49 | 35 | - |
| Dire Dawa | 2669 | 85 | 2 | 43 | 31 | * | - | - | - |

TABLE 4.312 URBAN HOLDINGS

| Geographic Area | Holdings With Root Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 15790 | 3453 | 92 | 466 | 343 | 361 | 482 | 112 | 1597 |
| Tigray | 116 | 37 | * | 4 | 2 | 4 | * | * | - |
| Afar | 56 | 59 | - | * | 12 | 16 | * | * | - |
| Amhara | 1711 | 243 | 11 | 50 | 57 | 35 | 73 | * | * |
| Oromia | 5039 | 1636 | 24 | 154 | 146 | 226 | 231 | 71 | 786 |
| Somali | 81 | 17 | * | 3 | 3 | * | * | * | - |
| Benishangul-Gumuz | 108 | 19 | 1 | 13 | * | * | * | - | - |
| S.N.N.P.R | 8055 | 1142 | 52 | 236 | 110 | 56 | 76 | * | 609 |
| Gambella | 52 | 4 | * | * | * | * | * | - | - |
| Harari | 23 | * | * | * | * | * | * | - | - |
| Addis Ababa | 543 | * | 4 | 5 | * | 23 | * | - | * |
| Dire Dawa | * | * | - | * | * | - | - | - | - |

TABLE 4.32. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL PERMANENT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With All Permanent Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 5805162 | 667768 | 19092 | 218582 | 183774 | 154833 | 68868 | 11451 | 11167 |
| Tigray | 172766 | 6268 | 175 | 2119 | 1872 | 1098 | 623 | 105 | * |
| Afar | 2391 | 393 | 14 | * | * | 40 | * | - | * |
| Amhara | 947685 | 22095 | 666 | 4592 | 5268 | 7406 | 3802 | 207 | * |
| Oromia | 2338202 | 336032 | 4025 | 66935 | 95612 | 101834 | 51006 | 8211 | 8412 |
| Somali | 36009 | 8116 | 44 | 1177 | 2700 | 3024 | 1025 | * | - |
| Benishangul-Gumuz | 53095 | 2499 | 43 | 224 | 474 | 912 | 672 | 59 | * |
| S.N.N.P.R | 2211516 | 285385 | 14026 | 142032 | 75545 | 38555 | 10612 | 2480 | 2136 |
| Gambella | 18692 | 3765 | 61 | 590 | 1050 | 1033 | 785 | 225 | * |
| Harari | 12459 | 2167 | 24 | 543 | 739 | 666 | 133 | * | * |
| Addis Ababa | 2500 | 49 | 6 | * | 1 | 11 | 11 | 4 | * |
| Dire Dawa | 9829 | 997 | 9 | 258 | 422 | 255 | * | - | - |

TABLE 4.32.1 RURAL HOLDINGS

| Geographic Area | Holdings With All Permanent Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 5712916 | 644752 | 18157 | 214767 | 180858 | 152029 | 66211 | 9374 | * |
| Tigray | 171856 | 5974 | 172 | 2106 | 1852 | 1079 | 490 | * | * |
| Afar | 2380 | 392 | 13 | * | * | 40 | * | - | * |
| Amhara | 941227 | 21284 | 609 | 4445 | 5171 | 7314 | 3627 | 111 | * |
| Oromia | 2295161 | 321041 | 3668 | 64873 | 93662 | 99793 | 49341 | 7012 | * |
| Somali | 35717 | 8059 | 43 | 1170 | 2682 | 3004 | 1013 | * | - |
| Benishangul-Gumuz | 51536 | 2339 | 29 | 201 | 451 | 872 | 629 | 40 | * |
| S.N.N.P.R | 2173201 | 279315 | 13532 | 140533 | 74814 | 38073 | 10105 | 1976 | * |
| Gambella | 18097 | 3289 | 58 | 565 | 994 | 937 | 668 | * | - |
| Harari | 12075 | 2078 | 23 | 532 | 732 | 662 | 129 | - | - |
| Addis Ababa | 2022 | 26 | 3 | 1 | 1 | * | * | 2 | - |
| Dire Dawa | 9643 | 957 | 8 | 240 | 409 | 248 | * | - | - |

TABLE 4.322 URBAN HOLDINGS

| Geographic Area | Holdings With All Permanent Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 92246 | 23016 | 936 | 3816 | 2916 | 2804 | 2657 | 2077 | 7810 |
| Tigray | 910 | 294 | 2 | 13 | 20 | 19 | 133 | 84 | 23 |
| Afar | 10 | 1 | * | * | * | - | - | - | - |
| Amhara | 6459 | 812 | 58 | 147 | 98 | 93 | 175 | 96 | * |
| Oromia | 43041 | 14991 | 358 | 2062 | 1950 | 2042 | 1666 | 1199 | 5718 |
| Somali | 292 | 57 | 1 | 7 | 18 | 20 | 12 | - | - |
| Benishangul-Gumuz | 1577 | 162 | 14 | 22 | 23 | 40 | 43 | 19 | * |
| S.N.N.P.R | 38315 | 6070 | 494 | 1499 | 731 | 483 | 507 | 504 | 1852 |
| Gambella | 595 | 476 | 3 | 25 | 56 | 95 | 118 | 159 | * |
| Harari | 384 | 90 | 1 | 11 | 8 | 4 | * | * | * |
| Addis Ababa | 478 | 24 | 3 | * | * | * | * | * | * |
| Dire Dawa | 186 | 40 | 1 | 18 | 13 | * | - | - | - |

TABLE 4.33. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER FRUITS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Fruit Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2110342 | 42463 | 1267 | 12833 | 11995 | 10084 | 4303 | 983 | 997 |
| Tigray | 99671 | 4400 | 140 | 1652 | 1436 | 808 | 333 | 26 | 6 |
| Afar | 2158 | 382 | * | * | * | 38 | * | - | * |
| Amhara | 183173 | 2062 | 76 | 527 | 506 | 582 | 259 | * | * |
| Oromia | 849805 | 15831 | 296 | 3186 | 4606 | 4669 | 2229 | 500 | 349 |
| Somali | 4659 | 438 | 12 | 119 | 138 | 117 | * | * | - |
| Benishangul-Gumuz | 46220 | 1171 | 26 | 124 | 236 | 437 | 299 | 42 | * |
| S.N.N.P.R | 896436 | 17290 | 664 | 6850 | 4695 | 3232 | 921 | * | 555 |
| Gambella | 16103 | 370 | 37 | 150 | 99 | 53 | 25 | * | * |
| Harari | 7680 | 338 | 2 | 68 | 106 | 123 | * | - | - |
| Addis Ababa | 126 | * | * | * | - | * | * | - | - |
| Dire Dawa | 4312 | 182 | * | 59 | 89 | 27 | * | - | - |

TABLE 4.33.1 RURAL HOLDINGS

| Geographic Area | Holdings With Fruit Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2080812 | 40076 | 1150 | 12508 | 11736 | 9816 | 3920 | 661 | * |
| Tigray | 99129 | 4294 | 139 | 1644 | 1421 | 798 | 285 | 6 | * |
| Afar | 2151 | 382 | * | * | * | 38 | * | - | * |
| Amhara | 180840 | 1823 | 65 | 499 | 487 | 559 | 204 | * | - |
| Oromia | 835624 | 14820 | 242 | 3054 | 4496 | 4551 | 2052 | 341 | * |
| Somali | 4569 | 423 | 11 | 118 | 136 | * | * | * | - |
| Benishangul-Gumuz | 44767 | 1058 | 13 | 111 | 225 | 402 | 275 | 24 | * |
| S.N.N.P.R | 886076 | 16438 | 629 | 6727 | 4606 | 3169 | 842 | * | * |
| Gambella | 15838 | 361 | 36 | 147 | 99 | 51 | 24 | * | - |
| Harari | 7592 | 335 | 2 | 67 | 105 | 122 | * | - | - |
| Addis Ababa | 91 | * | * | - | - | * | * | - | - |
| Dire Dawa | 4136 | 144 | * | 42 | 77 | 19 | * | - | - |

TABLE 4.332 URBAN HOLDINGS

| Geographic Area | Holdings With Fruit Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 29530 | 2386 | 117 | 326 | 259 | 269 | 383 | 322 | 710 |
| Tigray | 542 | 106 | 1 | 7 | 14 | 11 | 47 | 20 | 6 |
| Afar | 6 | * | * | * | * | - | - | - | - |
| Amhara | 2334 | 239 | 12 | 29 | 19 | 23 | * | * | * |
| Oromia | 14182 | 1012 | 54 | 133 | 111 | 118 | 177 | 159 | 262 |
| Somali | 90 | 15 | 1 | 1 | 2 | 10 | * | - | - |
| Benishangul-Gumuz | 1454 | 113 | 13 | 12 | 11 | 35 | 24 | 18 | * |
| S.N.N.P.R | 10360 | 852 | 35 | 124 | 89 | 64 | 79 | 99 | 364 |
| Gambella | 266 | 9 | 1 | 3 | * | 2 | 1 | * | * |
| Harari | 88 | 3 | * | 1 | * | * | * | - | - |
| Addis Ababa | * | * | * | * | - | - | - | - | - |
| Dire Dawa | 176 | 38 | 1 | 17 | 12 | * | - | - | - |

TABLE 4.34. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL STIMULANT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With All Stimulant Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 4190951 | 373281 | 6591 | 95150 | 103133 | 102119 | 52337 | 7861 | 6090 |
| Tigray | 100201 | 1815 | 32 | 461 | 410 | 284 | 279 | 79 | * |
| Afar | 149 | 7 | - | * | * | * | * | - | - |
| Amhara | 878953 | 18698 | 550 | 3769 | 4423 | 6413 | 3307 | 159 | * |
| Oromia | 1778762 | 247466 | 2274 | 45669 | 68619 | 77262 | 42052 | 6539 | 5053 |
| Somali | 32946 | 7665 | 32 | 1057 | 2560 | 2897 | 973 | * | - |
| Benishangul-Gumuz | 23029 | 1256 | 16 | 94 | 223 | 447 | 354 | * | * |
| S.N.N.P.R | 1346729 | 90806 | 3642 | 43104 | 25166 | 13196 | 4499 | * | 515 |
| Gambella | 8358 | 2926 | 15 | 315 | 773 | 864 | 720 | 220 | * |
| Harari | 11021 | 1790 | 22 | 473 | 620 | 519 | 93 | * | * |
| Addis Ababa | 2136 | 37 | 4 | * | 1 | * | 11 | 4 | - |
| Dire Dawa | 8667 | 815 | 5 | 199 | 333 | 228 | * | - | - |

TABLE 4.34.1 RURAL HOLDINGS

| Geographic Area | Holdings With All Stimulant Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 4130108 | 358381 | 6177 | 92771 | 101041 | 99971 | 50482 | 6520 | * |
| Tigray | 99572 | 1628 | 31 | 455 | 405 | 275 | 194 | * | * |
| Afar | 149 | 7 | - | * | * | * | * | - | - |
| Amhara | 873658 | 18190 | 507 | 3669 | 4358 | 6350 | 3199 | 99 | * |
| Oromia | 1745701 | 236016 | 2073 | 44009 | 66956 | 75505 | 40785 | 5645 | * |
| Somali | 32742 | 7624 | 32 | 1051 | 2544 | 2888 | 962 | * | - |
| Benishangul-Gumuz | 22580 | 1212 | 15 | 84 | 214 | 443 | 335 | * | * |
| S.N.N.P.R | 1326599 | 88702 | 3480 | 42548 | 24897 | 12986 | 4254 | * | - |
| Gambella | 7951 | 2463 | 13 | 294 | 718 | 771 | 605 | * | - |
| Harari | 10692 | 1704 | 21 | 463 | 613 | 516 | 90 | - | - |
| Addis Ababa | 1813 | 23 | 3 | 1 | 1 | * | * | 2 | - |
| Dire Dawa | 8653 | 813 | 5 | 198 | 332 | 228 | * | - | - |

TABLE 4.342 URBAN HOLDINGS

| Geographic Area | Holdings With All Stimulant Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 60842 | 14899 | 414 | 2378 | 2092 | 2148 | 1855 | 1341 | 4671 |
| Tigray | 629 | 187 | 1 | 6 | 6 | 8 | 86 | 64 | 17 |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 5295 | 508 | 43 | 100 | 65 | 64 | 108 | 60 | * |
| Oromia | 33062 | 11450 | 202 | 1661 | 1664 | 1758 | 1268 | 894 | 4005 |
| Somali | 204 | 42 | * | 6 | 16 | 9 | 11 | - | - |
| Benishangul-Gumuz | 449 | 44 | 1 | 10 | 9 | 4 | 19 | * | - |
| S.N.N.P.R | 20131 | 2105 | 163 | 556 | 269 | 210 | 246 | 147 | 515 |
| Gambella | 407 | 463 | 2 | 21 | 56 | 93 | 115 | 158 | * |
| Harari | 329 | 87 | 1 | 10 | 7 | * | * | * | * |
| Addis Ababa | 324 | * | 2 | * | * | * | * | * | - |
| Dire Dawa | * | * | - | * | * | - | - | - | - |

TABLE 4.35. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER CHAT BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Chat Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1545861 | 97604 | 1621 | 31368 | 32423 | 23691 | 7272 | 720 | 511 |
| Tigray | 3763 | 231 | 8 | 40 | 50 | * | * | * | 6 |
| Afar | * | * | - | * | * | - | - | - | - |
| Amhara | 97016 | 2009 | 82 | 846 | 580 | 335 | 102 | 19 | * |
| Oromia | 919218 | 67174 | 865 | 19053 | 23478 | 17387 | 5586 | 426 | 383 |
| Somali | 32372 | 7636 | 29 | 1038 | 2554 | 2896 | 973 | * | - |
| Benishangul-Gumuz | 8010 | 125 | 3 | 10 | 27 | 49 | 37 | * | - |
| S.N.N.P.R | 464465 | 17884 | 611 | 9745 | 4797 | 2217 | 398 | * | * |
| Gambella | 2242 | 38 | * | 8 | 16 | 10 | 4 | - | - |
| Harari | 10771 | 1752 | 21 | 464 | 607 | 509 | 90 | * | * |
| Addis Ababa | 181 | 1 | * | * | * | * | * | * | - |
| Dire Dawa | 7813 | 753 | * | 167 | 314 | 220 | * | - | - |

TABLE 4.35.1 RURAL HOLDINGS

| Geographic Area | Holdings With Chat Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1531718 | 96066 | 1554 | 31034 | 32193 | 23553 | 7146 | 545 | * |
| Tigray | 3728 | 197 | 8 | 39 | 50 | * | * | - | - |
| Afar | * | * | - | * | * | - | - | - | - |
| Amhara | 95817 | 1874 | 72 | 827 | 567 | 322 | 87 | * | - |
| Oromia | 910228 | 66127 | 821 | 18806 | 23325 | 17308 | 5511 | 317 | * |
| Somali | 32173 | 7596 | 29 | 1033 | 2538 | 2888 | 962 | * | - |
| Benishangul-Gumuz | 7922 | 123 | 2 | 9 | 27 | 48 | 37 | * | - |
| S.N.N.P.R | 461248 | 17692 | 600 | 9692 | 4756 | 2184 | 381 | * | - |
| Gambella | 2234 | 37 | * | 8 | 16 | 10 | * | - | - |
| Harari | 10444 | 1666 | 20 | 453 | 600 | 506 | * | - | - |
| Addis Ababa | 110 | 1 | * | * | * | * | * | * | - |
| Dire Dawa | 7802 | 752 | * | 167 | 313 | 220 | * | - | - |

TABLE 4.352 URBAN HOLDINGS

| Geographic Area | Holdings With Chat Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 14143 | 1538 | 67 | 335 | 230 | 138 | 126 | 174 | 469 |
| Tigray | 35 | 34 | * | * | * | - | 3 | * | 6 |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 1199 | 135 | 10 | 20 | 13 | 13 | * | 18 | * |
| Oromia | 8990 | 1048 | 44 | 247 | 153 | 80 | 76 | 108 | 341 |
| Somali | 198 | 40 | * | 5 | 16 | 9 | 11 | - | - |
| Benishangul-Gumuz | * | * | * | * | * | * | * | - | - |
| S.N.N.P.R | 3218 | 192 | 12 | 52 | 41 | 33 | 17 | * | * |
| Gambella | * | * | - | * | - | - | * | - | - |
| Harari | 326 | 86 | 1 | 10 | 7 | * | * | * | * |
| Addis Ababa | 71 | * | * | * | * | * | * | * | - |
| Dire Dawa | * | * | - | * | * | - | - | - | - |

TABLE 4.36. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER COFFEE BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Coffee Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2386686 | 256545 | 4561 | 60791 | 66582 | 71914 | 40698 | 6783 | 5216 |
| Tigray | 5917 | 185 | * | * | * | 22 | 55 | 11 | 6 |
| Afar | 30 | 1 | - | * | * | * | - | - | - |
| Amhara | 227467 | 6264 | 268 | 1732 | 1569 | 1926 | 709 | 47 | * |
| Oromia | 988594 | 175176 | 1297 | 26113 | 44171 | 58142 | 34967 | 5906 | 4584 |
| Somali | * | * | * | * | 6 | * | - | - | - |
| Benishangul-Gumuz | 17394 | 1066 | 11 | 81 | 186 | 376 | 290 | * | * |
| S.N.N.P.R | 1134330 | 70857 | 2962 | 32464 | 19815 | 10583 | 3960 | * | 485 |
| Gambella | 8201 | 2874 | 14 | 304 | 753 | 850 | 715 | 220 | * |
| Harari | 1363 | 35 | * | 9 | 13 | 7 | * | - | - |
| Addis Ababa | 73 | * | * | - | * | * | * | - | - |
| Dire Dawa | 2444 | 62 | * | 32 | 20 | 8 | - | - | - |

TABLE 4.36.1 RURAL HOLDINGS

| Geographic Area | Holdings With Coffee Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2342290 | 243834 | 4262 | 58837 | 64774 | 69998 | 39137 | 5718 | * |
| Tigray | 5786 | 133 | * | * | * | 21 | 23 | - | - |
| Afar | 30 | 1 | - | * | * | * | - | - | - |
| Amhara | 225016 | 6035 | 246 | 1676 | 1534 | 1904 | 664 | 13 | * |
| Oromia | 965303 | 165122 | 1171 | 24740 | 42685 | 56514 | 33833 | 5184 | * |
| Somali | * | * | * | * | 6 | * | - | - | - |
| Benishangul-Gumuz | 17060 | 1032 | 11 | 73 | 177 | 374 | 278 | * | * |
| S.N.N.P.R | 1116601 | 68979 | 2814 | 31970 | 19594 | 10414 | 3738 | * | - |
| Gambella | 7794 | 2412 | 12 | 283 | 697 | 757 | 601 | * | - |
| Harari | 1358 | 34 | * | 9 | 13 | 7 | * | - | - |
| Addis Ababa | 47 | * | * | - | * | * | * | - | - |
| Dire Dawa | 2436 | 61 | * | 32 | 20 | 8 | - | - | - |

TABLE 4.362 URBAN HOLDINGS

| Geographic Area | Holdings With Coffee Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 44396 | 12711 | 299 | 1954 | 1808 | 1917 | 1560 | 1065 | 4109 |
| Tigray | 131 | 52 | * | 1 | 1 | * | 33 | 11 | 6 |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 2451 | 229 | 22 | 57 | 35 | 22 | 45 | * | * |
| Oromia | 23291 | 10055 | 126 | 1373 | 1487 | 1629 | 1134 | 722 | 3585 |
| Somali | 13 | 2 | - | 1 | * | - | - | - | - |
| Benishangul-Gumuz | 334 | 34 | 1 | 9 | 9 | 2 | * | * | - |
| S.N.N.P.R | 17729 | 1878 | 149 | 493 | 221 | 170 | 223 | 139 | 485 |
| Gambella | 407 | 462 | 2 | 21 | 56 | 93 | 114 | 158 | * |
| Harari | 6 | * | * | * | - | - | * | - | - |
| Addis Ababa | * | * | * | - | - | - | - | - | - |
| Dire Dawa | * | * | - | * | - | - | - | - | - |

TABLE 4.37. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER HOPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Hops/'Gesho' | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1511400 | 19098 | 409 | 2974 | 4114 | 6511 | 4368 | 358 | * |
| Tigray | 95860 | 1399 | 21 | 384 | 311 | 193 | 190 | 43 | * |
| Afar | 127 | 4 | - | * | * | * | * | - | - |
| Amhara | 759117 | 10426 | 201 | 1191 | 2275 | 4153 | 2497 | 93 | * |
| Oromia | 434800 | 5099 | 114 | 502 | 957 | 1732 | 1501 | 209 | * |
| Somali | * | * | - | - | * | - | - | - | - |
| Benishangul-Gumuz | 7885 | 66 | 2 | 3 | 10 | 22 | 27 | * | - |
| S.N.N.P.R | 209524 | 2052 | 70 | 882 | 555 | 396 | 142 | 9 | * |
| Gambella | 1993 | 14 | * | 3 | 5 | 5 | 1 | * | - |
| Harari | * | * | - | - | - | * | - | - | - |
| Addis Ababa | 2046 | 36 | 4 | * | 1 | * | 10 | 3 | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.37.1 RURAL HOLDINGS

| Geographic Area | Holdings With Hops/'Gesho' | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1499888 | 18448 | 361 | 2884 | 4060 | 6418 | 4199 | 257 | * |
| Tigray | 95321 | 1298 | 20 | 379 | 306 | 186 | 140 | * | * |
| Afar | 127 | 4 | - | * | * | * | * | - | - |
| Amhara | 756350 | 10281 | 190 | 1167 | 2258 | 4125 | 2449 | 86 | * |
| Oromia | 428461 | 4751 | 82 | 462 | 934 | 1683 | 1443 | 144 | * |
| Somali | * | * | - | - | * | - | - | - | - |
| Benishangul-Gumuz | 7766 | 58 | 2 | 3 | 10 | 21 | 20 | * | - |
| S.N.N.P.R | 208033 | 2018 | 67 | 872 | 547 | 389 | 137 | * | - |
| Gambella | 1986 | 14 | * | 3 | 5 | 5 | 1 | * | - |
| Harari | * | * | - | - | - | * | - | - | - |
| Addis Ababa | 1798 | 22 | 2 | 1 | 1 | * | * | 2 | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.372 URBAN HOLDINGS

| Geographic Area | Holdings With Hops/'Gesho' | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 11511 | 650 | 48 | 90 | 54 | 93 | 169 | 102 | * |
| Tigray | 539 | 101 | 1 | 5 | * | 7 | 50 | 28 | 6 |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 2767 | 145 | 11 | 24 | 18 | 28 | 48 | * | * |
| Oromia | 6340 | 349 | 33 | 41 | 25 | 51 | 59 | * | * |
| Somali | - | - | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 120 | * | * | * | * | * | * | - | - |
| S.N.N.P.R | 1491 | 35 | 3 | 11 | 8 | 7 | * | * | * |
| Gambella | * | * | * | * | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - | - | - |
| Addis Ababa | 248 | * | 1 | * | * | * | * | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.38. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL OTHER PERMANENT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With All Other Permanent crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3302799 | 252025 | 11234 | 110599 | 68646 | 42630 | 12228 | 2607 | 4080 |
| Tigray | 4050 | 53 | 3 | 7 | 26 | 6 | * | - | - |
| Afar | 235 | 3 | 2 | * | * | * | * | - | - |
| Amhara | 106569 | 1337 | 41 | 297 | 340 | 413 | 238 | * | - |
| Oromia | 1131871 | 72736 | 1457 | 18081 | 22389 | 19904 | 6727 | 1 | * |
| Somali | 281 | * | * | 1 | * | * | * | - | - |
| Benishangul-Gumuz | 4858 | 73 | * | 6 | 15 | 29 | 20 | * | * |
| S.N.N.P.R | 2046240 | 177289 | 9721 | 92078 | 45684 | 22128 | 5193 | 1421 | 1066 |
| Gambella | 7509 | 470 | 9 | 126 | 178 | 115 | 40 | - | * |
| Harari | 649 | 39 | - | * | * | * | * | - | - |
| Addis Ababa | 539 | 11 | 2 | 2 | * | 3 | * | * | * |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.38.1 RURAL HOLDINGS

| Geographic Area | Holdings With All Other Permanent crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3256405 | 246294 | 10829 | 109488 | 68081 | 42242 | 11809 | 2193 | * |
| Tigray | 4032 | 53 | 3 | 7 | 26 | 6 | * | - | - |
| Afar | 229 | 3 | * | * | * | * | * | - | - |
| Amhara | 106036 | 1272 | 38 | 279 | 327 | 406 | 225 | * | - |
| Oromia | 1116962 | 70206 | 1355 | 17812 | 22212 | 19738 | 6505 | 1 | * |
| Somali | 271 | * | * | 1 | * | * | * | - | - |
| Benishangul-Gumuz | 4825 | 69 | * | 6 | 13 | 27 | 20 | * | * |
| S.N.N.P.R | 2015633 | 174175 | 9424 | 91258 | 45311 | 21919 | 5010 | 1163 | * |
| Gambella | 7469 | 465 | 9 | 124 | 178 | 115 | 39 | - | - |
| Harari | 648 | 39 | - | * | * | * | - | - | - |
| Addis Ababa | 301 | 2 | * | * | * | * | * | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.382 URBAN HOLDINGS

| Geographic Area | Holdings With All Other Permanent crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 46394 | 5731 | 405 | 1111 | 565 | 388 | 419 | 414 | 2429 |
| Tigray | 18 | * | - | * | * | - | * | - | - |
| Afar | 6 | * | * | * | - | - | - | - | - |
| Amhara | 533 | 65 | 3 | 18 | 14 | 7 | 13 | * | - |
| Oromia | 14910 | 2531 | 103 | 269 | 177 | 167 | 222 | 146 | 1450 |
| Somali | 9 | 1 | - | - | - | 1 | - | - | - |
| Benishangul-Gumuz | 33 | 5 | * | * | * | * | * | * | - |
| S.N.N.P.R | 30607 | 3114 | 298 | 820 | 373 | 210 | 183 | 258 | 974 |
| Gambella | 40 | 5 | * | * | - | * | * | - | * |
| Harari | * | * | - | - | - | - | * | - | - |
| Addis Ababa | 238 | 9 | 2 | * | * | * | * | - | * |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.39. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ENSET BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Enset Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3057656 | 237959 | 10828 | 105551 | 64947 | 39751 | 11119 | 2475 | 3288 |
| Tigray | * | * | - | * | * | - | - | - | - |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 1796 | 10 | - | * | 3 | 2 | * | - | - |
| Oromia | 1031643 | 67267 | 1334 | 16869 | 21092 | 18604 | 6089 | 1 | * |
| Somali | * | 2 | - | - | - | 2 | - | - | - |
| Benishangul-Gumuz | 479 | 4 | * | * | * | 2 | 1 | - | - |
| S.N.N.P.R | 2018107 | 170273 | 9486 | 88569 | 43706 | 21040 | 4994 | 1413 | 1066 |
| Gambella | 5171 | 393 | 7 | 106 | 145 | 99 | 36 | - | - |
| Harari | * | * | - | * | * | - | - | - | - |
| Addis Ababa | 370 | 10 | 2 | * | * | 3 | * | * | * |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.39.1 RURAL HOLDINGS

| Geographic Area | Holdings With Enset Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3014497 | 233492 | 10453 | 104555 | 64444 | 39437 | 10814 | 2149 | * |
| Tigray | * | * | - | * | * | - | - | - | - |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 1781 | 10 | - | * | 3 | 2 | * | - | - |
| Oromia | 1018818 | 65865 | 1249 | 16672 | 20950 | 18495 | 5963 | 1 | * |
| Somali | * | * | - | - | - | * | - | - | - |
| Benishangul-Gumuz | 476 | 4 | * | * | * | 2 | 1 | - | - |
| S.N.N.P.R | 1988008 | 167218 | 9197 | 87772 | 43346 | 20838 | 4814 | 1159 | * |
| Gambella | 5158 | 393 | 7 | 106 | 145 | 99 | 36 | - | - |
| Harari | * | * | - | * | * | - | - | - | - |
| Addis Ababa | 167 | 1 | * | * | * | * | * | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.392 URBAN HOLDINGS

| Geographic Area | Holdings With Enset Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 43159 | 4467 | 375 | 995 | 503 | 314 | 305 | 326 | 1648 |
| Tigray | - | - | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 15 | * | * | - | - | * | - | - | - |
| Oromia | 12825 | 1403 | 85 | 198 | 143 | 109 | 126 | 72 | 672 |
| Somali | 4 | 1 | - | - | - | 1 | - | - | - |
| Benishangul-Gumuz | * | * | - | * | - | - | - | - | - |
| S.N.N.P.R | 30098 | 3055 | 289 | 797 | 361 | 202 | 180 | 254 | 974 |
| Gambella | * | * | * | * | - | * | - | - | - |
| Harari | - | - | - | - | - | - | - | - | - |
| Addis Ababa | 202 | 8 | 2 | * | * | * | * | - | * |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.40. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER SUGARE CANE BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Sugar cane | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 563310 | 13008 | 367 | 4808 | 3393 | 2595 | 929 | 123 | 792 |
| Tigray | * | * | - | * | * | * | * | - | - |
| Afar | 235 | 3 | 2 | * | * | * | * | - | - |
| Amhara | 43564 | 1014 | 29 | 234 | 277 | 299 | 167 | * | - |
| Oromia | 165417 | 5144 | 111 | 1150 | 1208 | 1211 | 572 | 105 | 790 |
| Somali | 117 | 1 | * | * | * | * | - | - | - |
| Benishangul-Gumuz | 3549 | 56 | * | 2 | 10 | 24 | 18 | * | - |
| S.N.N.P.R | 344836 | 6679 | 224 | 3403 | 1854 | 1023 | 171 | 7 | * |
| Gambella | 4841 | 73 | 2 | 19 | 30 | 16 | 4 | - | * |
| Harari | 502 | * | - | - | * | * | * | - | - |
| Addis Ababa | 87 | * | * | * | * | * | - | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.40.1 RURAL HOLDINGS

| Geographic Area | Holdings With Sugar cane | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 557580 | 11775 | 338 | 4696 | 3335 | 2526 | 833 | 35 | * |
| Tigray | * | * | - | * | * | * | - | - | - |
| Afar | 229 | 3 | * | * | * | * | * | - | - |
| Amhara | 43122 | 956 | 27 | 215 | 263 | 293 | 159 | - | - |
| Oromia | 162527 | 4033 | 93 | 1081 | 1175 | 1157 | 489 | 32 | * |
| Somali | 112 | 1 | * | * | * | * | - | - | - |
| Benishangul-Gumuz | 3523 | 53 | * | 2 | 10 | 23 | 17 | - | - |
| S.N.N.P.R | 342556 | 6623 | 216 | 3380 | 1843 | 1015 | 167 | * | - |
| Gambella | 4814 | 68 | 2 | 17 | 30 | 16 | 3 | - | - |
| Harari | 501 | * | - | - | * | * | - | - | - |
| Addis Ababa | 51 | * | * | * | * | * | - | * | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.402 URBAN HOLDINGS

| Geographic Area | Holdings With Sugar cane | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 5730 | 1233 | 29 | 112 | 58 | 69 | 96 | * | 781 |
| Tigray | 17 | * | - | * | * | - | * | - | - |
| Afar | 6 | * | * | * | - | - | - | - | - |
| Amhara | 442 | 58 | 3 | 18 | 13 | 6 | 8 | * | - |
| Oromia | 2890 | 1112 | 18 | 70 | 34 | 54 | 84 | * | 779 |
| Somali | 5 | - | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 26 | 3 | * | * | - | * | * | * | - |
| S.N.N.P.R | 2280 | 56 | 9 | 23 | 11 | 7 | 4 | 4 | * |
| Gambella | 27 | 5 | * | * | - | - | * | - | * |
| Harari | * | * | - | - | - | - | * | - | - |
| Addis Ababa | * | * | * | - | - | * | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.41. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER OTHER PERMANENT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Holdings With Other Permanents | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 164208 | 1058 | 39 | 240 | 306 | 283 | 180 | 9 | * |
| Tigray | 3846 | 50 | 3 | 6 | 24 | 6 | * | - | - |
| Afar | * | * | - | - | - | - | * | - | - |
| Amhara | 63390 | 314 | 12 | 59 | 61 | 113 | 72 | * | - |
| Oromia | 49259 | 327 | 14 | 63 | 90 | 90 | 68 | * | - |
| Somali | 146 | * | * | * | * | * | * | - | - |
| Benishangul-Gumuz | 892 | 14 | * | 3 | * | 3 | 1 | * | * |
| S.N.N.P.R | 45113 | 339 | 12 | 107 | 125 | 66 | * | * | - |
| Gambella | 1317 | 4 | * | 1 | 3 | * | * | - | - |
| Harari | * | * | - | * | * | * | - | - | - |
| Addis Ababa | 125 | * | * | * | - | * | * | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.41.1 RURAL HOLDINGS

| Geographic Area | Holdings With Other Permanents | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 163705 | 1027 | 38 | 236 | 302 | 279 | 163 | 9 | * |
| Tigray | 3845 | 50 | 3 | 6 | 24 | 6 | * | - | - |
| Afar | * | * | - | - | - | - | * | - | - |
| Amhara | 63313 | 307 | 12 | 59 | 61 | 112 | 66 | * | - |
| Oromia | 48972 | 310 | 14 | 61 | 90 | 87 | 56 | * | - |
| Somali | 146 | * | * | * | * | * | * | - | - |
| Benishangul-Gumuz | 888 | 12 | * | 3 | * | 3 | 1 | * | * |
| S.N.N.P.R | 44985 | 336 | 12 | 107 | 124 | 66 | * | * | - |
| Gambella | 1317 | 4 | * | 1 | 3 | * | * | - | - |
| Harari | * | * | - | * | * | * | - | - | - |
| Addis Ababa | 121 | * | * | * | - | * | * | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.412 URBAN HOLDINGS

| Geographic Area | Holdings With Other Permanents | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 503 | 31 | 1 | 4 | 4 | 4 | * | - | - |
| Tigray | 1 | - | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - | - | - |
| Amhara | 77 | * | * | * | * | * | * | - | - |
| Oromia | 287 | 18 | * | 2 | * | * | * | - | - |
| Somali | - | - | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - | * | - | - | - | - |
| S.N.N.P.R | 129 | 3 | * | 1 | 2 | * | - | - | - |
| Gambella | - | - | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - | - | - |
| Addis Ababa | * | * | - | * | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.42 NUMBER OF HOLDERS UNDER ALL LAND TENURE SYSTEMS BY LAND USE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Land Use By Size of Holding | All Holders | Number of Holders By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 10758597 | 10547597 | 2134137 | 1000815 |
| Land Under Temporary Crops | 10151839 | 9759209 | 1985928 | 732949 |
| Land under Permanent Crops | 5805161 | 5704139 | 127586 | 101139 |
| Grazing Land | 3727319 | 3615723 | 93220 | 95645 |
| Fallow Land | 3278341 | 3187506 | 99824 | 55243 |
| Woodland | 1486960 | 1466438 | 7112 | 20678 |
| All Other Land | 10226668 | 9972246 | 97134 | 264815 |
| Holdings Under 0.10 Hectare Sizes | | | | |
| All | 819394 | 765619 | 39926 | 59692 |
| Land Under Temporary Crops | 485781 | 451817 | 21525 | 21474 |
| Land under Permanent Crops | 356767 | 345653 | 6886 | 7437 |
| Grazing Land | 61210 | 57703 | 658 | 2848 |
| Fallow Land | 54681 | 52816 | 694 | 1365 |
| Woodland | 22342 | 22205 | * | 131 |
| All Other Land | 711897 | 663312 | 17072 | 38666 |
| Holdings Of 0.10-0.50 Hectare Sizes | | | | |
| All | 3175027 | 3096019 | 313767 | 232437 |
| Land Under Temporary Crops | 2979440 | 2827884 | 275820 | 159732 |
| Land under Permanent Crops | 1932370 | 1901821 | 37141 | 29507 |
| Grazing Land | 851316 | 826662 | 7021 | 25041 |
| Fallow Land | 702486 | 685261 | 9779 | 12068 |
| Woodland | 336297 | 331749 | 1276 | 4175 |
| All Other Land | 2935090 | 2856153 | 27386 | 68139 |
| Holdings Of 0.51-1.00 Hectare Sizes | | | | |
| All | 2767746 | 2723688 | 519358 | 259244 |
| Land Under Temporary Crops | 2720490 | 2616279 | 487476 | 196264 |
| Land under Permanent Crops | 1520818 | 1494148 | 37398 | 28562 |
| Grazing Land | 943542 | 918072 | 13550 | 23781 |
| Fallow Land | 864687 | 844794 | 18202 | 12834 |
| Woodland | 408045 | 401911 | 1638 | 6323 |
| All Other Land | 2660548 | 2601252 | 21777 | 62964 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | | |
| All | 2612288 | 2586856 | 756730 | 266839 |
| Land Under Temporary Crops | 2590155 | 2515523 | 722899 | 209038 |
| Land under Permanent Crops | 1331868 | 1309651 | 31015 | 24707 |
| Grazing Land | 1079451 | 1048370 | 28953 | 22118 |
| Fallow Land | 984849 | 954625 | 35937 | 15711 |
| Woodland | 424309 | 418643 | 2096 | 6054 |
| All Other Land | 2556814 | 2508765 | 19239 | 59444 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | | |
| All | 1276773 | 1268751 | 464712 | 163370 |
| Land Under Temporary Crops | 1269563 | 1243227 | 441661 | 130473 |
| Land under Permanent Crops | 615621 | 605804 | 14044 | 10405 |
| Grazing Land | 712731 | 688057 | 35879 | 18414 |
| Fallow Land | 603993 | 584153 | 31169 | 11254 |
| Woodland | 264040 | 260484 | 1906 | 3621 |
| All Other Land | 1258148 | 1239251 | 10587 | 33103 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 97037 | 96469 | 35728 | 17326 |
| Land Under Temporary Crops | 96278 | 94707 | 33091 | 14242 |
| Land under Permanent Crops | 42685 | 42057 | 965 | 521 |
| Grazing Land | 72165 | 70269 | 5818 | 3122 |
| Fallow Land | 62111 | 60551 | 3712 | 1726 |
| Woodland | 28538 | 28178 | 124 | 294 |
| All Other Land | 94897 | 94287 | 920 | 2236 |
| Holdings Over 10.00 Hectares | | | | |
| All | 10333 | 10195 | 3915 | 1908 |
| Land Under Temporary Crops | 10132 | 9772 | 3457 | 1726 |
| Land under Permanent Crops | 5032 | 5005 | 137 | - |
| Grazing Land | 6905 | 6590 | 1340 | 321 |
| Fallow Land | 5534 | 5306 | 331 | 286 |
| Woodland | 3389 | 3268 | * | * |
| All Other Land | 9274 | 9225 | 154 | 263 |

TABLE 4.42.1 RURAL HOLDINGS

| Land Use By Size of Holding | All Holders | Number of Holders By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 10553514 | 10367541 | 2096287 | 989031 |
| Land Under Temporary Crops | 9978569 | 9614658 | 1949722 | 722028 |
| Land under Permanent Crops | 5712916 | 5614349 | 125212 | 99812 |
| Grazing Land | 3727319 | 3615723 | 93220 | 95645 |
| Fallow Land | 3278341 | 3187506 | 99824 | 55243 |
| Woodland | 1486960 | 1466438 | 7112 | 20678 |
| All Other Land | 10226668 | 9972246 | 97134 | 264815 |
| Holdings Under 0.10 Hectare | | | | |
| All | 767740 | 717258 | 36608 | 58476 |
| Land Under Temporary Crops | 455064 | 424161 | 18770 | 20526 |
| Land under Permanent Crops | 322988 | 312828 | 6127 | 7059 |
| Grazing Land | 61210 | 57703 | 658 | 2848 |
| Fallow Land | 54681 | 52816 | 694 | 1365 |
| Woodland | 22342 | 22205 | * | 131 |
| All Other Land | 711897 | 663312 | 17072 | 38666 |
| Holdings Of 0.10-0.50 Hectare | | | | |
| All | 3104141 | 3033120 | 304319 | 228406 |
| Land Under Temporary Crops | 2917063 | 2774991 | 266919 | 156020 |
| Land under Permanent Crops | 1899267 | 1869572 | 36370 | 29030 |
| Grazing Land | 851316 | 826662 | 7021 | 25041 |
| Fallow Land | 702486 | 685261 | 9779 | 12068 |
| Woodland | 336297 | 331749 | 1276 | 4175 |
| All Other Land | 2935090 | 2856153 | 27386 | 68139 |
| Holdings Of 0.51-1.00 Hectare | | | | |
| All | 2727486 | 2689891 | 509399 | 256053 |
| Land Under Temporary Crops | 2681559 | 2585196 | 477764 | 193198 |
| Land under Permanent Crops | 1507153 | 1480840 | 37013 | 28326 |
| Grazing Land | 943542 | 918072 | 13550 | 23781 |
| Fallow Land | 864687 | 844794 | 18202 | 12834 |
| Woodland | 408045 | 401911 | 1638 | 6323 |
| All Other Land | 2660548 | 2601252 | 21777 | 62964 |
| Holdings Of 1.01-2.00 Hectares | | | | |
| All | 2585278 | 2564444 | 747801 | 264482 |
| Land Under Temporary Crops | 2563705 | 2494398 | 714179 | 206803 |
| Land under Permanent Crops | 1324380 | 1302380 | 30701 | 24509 |
| Grazing Land | 1079451 | 1048370 | 28953 | 22118 |
| Fallow Land | 984849 | 954625 | 35937 | 15711 |
| Woodland | 424309 | 418643 | 2096 | 6054 |
| All Other Land | 2556814 | 2508765 | 19239 | 59444 |
| Holdings Of 2.01-5.00 Hectares | | | | |
| All | 1264421 | 1258665 | 459655 | 162560 |
| Land Under Temporary Crops | 1257502 | 1233663 | 436651 | 129693 |
| Land under Permanent Crops | 612549 | 602786 | 13944 | 10370 |
| Grazing Land | 712731 | 688057 | 35879 | 18414 |
| Fallow Land | 603993 | 584153 | 31169 | 11254 |
| Woodland | 264040 | 260484 | 1906 | 3621 |
| All Other Land | 1258148 | 1239251 | 10587 | 33103 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 95068 | 94820 | 34814 | 17238 |
| Land Under Temporary Crops | 94411 | 93211 | 32190 | 14154 |
| Land under Permanent Crops | 42110 | 41490 | 942 | 519 |
| Grazing Land | 72165 | 70269 | 5818 | 3122 |
| Fallow Land | 62111 | 60551 | 3712 | 1726 |
| Woodland | 28538 | 28178 | 124 | 294 |
| All Other Land | 94897 | 94287 | 920 | 2236 |
| Holdings Over 10.00 Hectares | | | | |
| All | 9379 | 9343 | 3691 | 1817 |
| Land Under Temporary Crops | 9265 | 9038 | 3248 | 1634 |
| Land under Permanent Crops | 4468 | 4453 | * | - |
| Grazing Land | 6905 | 6590 | 1340 | 321 |
| Fallow Land | 5534 | 5306 | 331 | 286 |
| Woodland | 3389 | 3268 | * | * |
| All Other Land | 9274 | 9225 | 154 | 263 |

TABLE 4.42.2 URBAN HOLDINGS

| Land Use By Size of Holding | All Holders | Number of Holders By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 205084 | 180056 | 37850 | 11784 |
| Land Under Temporary Crops | 173270 | 144550 | 36206 | 10921 |
| Land under Permanent Crops | 92245 | 89790 | 2375 | 1327 |
| Holdings Under 0.10 Hectares Sizes | | | | |
| All | 51654 | 48361 | 3319 | 1216 |
| Land Under Temporary Crops | 30717 | 27655 | 2755 | 948 |
| Land under Permanent Crops | 33779 | 32825 | 759 | 378 |
| Holdings Of 0.10-0.50 Hectares Sizes | | | | |
| All | 70886 | 62899 | 9448 | 4031 |
| Land Under Temporary Crops | 62377 | 52892 | 8901 | 3712 |
| Land under Permanent Crops | 33103 | 32249 | 771 | 478 |
| Holdings Of 0.51-1.00 Hectares Sizes | | | | |
| All | 40260 | 33797 | 9959 | 3190 |
| Land Under Temporary Crops | 38931 | 31083 | 9711 | 3066 |
| Land under Permanent Crops | 13665 | 13308 | 385 | 236 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | | |
| All | 27010 | 22412 | 8929 | 2357 |
| Land Under Temporary Crops | 26450 | 21125 | 8720 | 2235 |
| Land under Permanent Crops | 7488 | 7272 | 314 | 198 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | | |
| All | 12352 | 10086 | 5058 | 810 |
| Land Under Temporary Crops | 12061 | 9565 | 5010 | 779 |
| Land under Permanent Crops | 3072 | 3018 | 99 | 35 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 1969 | 1649 | 914 | 88 |
| Land Under Temporary Crops | 1868 | 1497 | 901 | 88 |
| Land under Permanent Crops | 575 | 567 | 23 | * |
| Holdings Over 10.00 Hectares | | | | |
| All | 954 | 852 | 224 | 91 |
| Land Under Temporary Crops | 867 | 733 | 209 | 91 |
| Land under Permanent Crops | 564 | 552 | 23 | - |

TABLE 4.43 NUMBER OF HOLDERS WITH LAND OWNED BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 10547597 | 765619 | 3096019 | 2723688 | 2586856 | 1268751 | 96469 | 10195 |
| Tigray | 695713 | 44577 | 234701 | 208997 | 150042 | 53401 | 2999 | * |
| Afar | 23486 | 10434 | 3474 | 4011 | 3672 | 1722 | 137 | * |
| Amhara | 3056460 | 220826 | 672235 | 790611 | 937913 | 419729 | 13981 | 1166 |
| Oromia | 4048956 | 227759 | 976093 | 1024289 | 1076575 | 665671 | 71778 | 6793 |
| Somali | 104257 | 12029 | 26987 | 30327 | 24347 | 9695 | 847 | * |
| Benishangul-Gumuz | 126843 | 8830 | 29185 | 30472 | 36514 | 20156 | 1566 | 121 |
| S.N.N.P.R | 2413348 | 229916 | 1122493 | 617431 | 346309 | 91901 | 4284 | 1015 |
| Gambella | 32239 | 5127 | 15812 | 6737 | 3528 | 956 | 75 | * |
| Harari | 14270 | 1144 | 6551 | 4069 | 2199 | 295 | 6 | * |
| Addis Ababa | 16378 | 3245 | 2116 | 1739 | 3474 | 4973 | 797 | 34 |
| Dire Dawa | 15646 | 1731 | 6375 | 5006 | 2282 | 252 | - | - |

TABLE 4.43.1 RURAL HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 10367541 | 717258 | 3033120 | 2689891 | 2564444 | 1258665 | 94820 | 9343 |
| Tigray | 684086 | 42835 | 230191 | 206186 | 148379 | 52710 | 2855 | * |
| Afar | 23401 | 10417 | 3453 | 3978 | 3666 | 1714 | 136 | * |
| Amhara | 3027843 | 214054 | 662664 | 784273 | 933914 | 418104 | 13691 | 1144 |
| Oromia | 3968196 | 209690 | 950317 | 1007727 | 1063730 | 659513 | 70952 | 6269 |
| Somali | 101120 | 11333 | 25804 | 29579 | 23951 | 9591 | 836 | * |
| Benishangul-Gumuz | 123519 | 8001 | 28618 | 29840 | 35918 | 19668 | 1369 | 104 |
| S.N.N.P.R | 2366073 | 211337 | 1103066 | 611364 | 343992 | 91347 | 4161 | 806 |
| Gambella | 30734 | 4537 | 15252 | 6588 | 3422 | 890 | * | - |
| Harari | 13522 | 850 | 6188 | 4015 | 2186 | 283 | - | - |
| Addis Ababa | 14002 | 2580 | 1612 | 1385 | 3027 | 4592 | 776 | * |
| Dire Dawa | 15044 | 1624 | 5954 | 4956 | 2258 | 252 | - | - |

TABLE 4.43.2 URBAN HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 180056 | 48361 | 62899 | 33797 | 22412 | 10086 | 1649 | 852 |
| Tigray | 11626 | 1742 | 4510 | 2810 | 1663 | 690 | 144 | 67 |
| Afar | 85 | 18 | 21 | 32 | 6 | * | 1 | - |
| Amhara | 28617 | 6772 | 9571 | 6338 | 4000 | 1624 | 290 | 22 |
| Oromia | 80760 | 18069 | 25776 | 16562 | 12845 | 6159 | 827 | 524 |
| Somali | 3137 | 696 | 1183 | 747 | 396 | 104 | 11 | - |
| Benishangul-Gumuz | 3325 | 829 | 566 | 631 | 596 | 488 | 197 | 17 |
| S.N.N.P.R | 47275 | 18579 | 19427 | 6067 | 2317 | 554 | 123 | 209 |
| Gambella | 1505 | 590 | 560 | 149 | 107 | 66 | 29 | * |
| Harari | 748 | 294 | 363 | 54 | 14 | 12 | 6 | * |
| Addis Ababa | 2376 | 665 | 503 | 355 | 447 | 380 | * | * |
| Dire Dawa | 602 | 108 | 421 | 50 | 24 | - | - | - |

TABLE 4.44 NUMBER OF HOLDERS WITH LAND RENTED BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 2134137 | 39926 | 313767 | 519358 | 756730 | 464712 | 35728 | 3915 |
| Tigray | 179405 | 3660 | 28545 | 52579 | 61517 | 31250 | 1584 | 271 |
| Afar | 1798 | 212 | 310 | 376 | 573 | 280 | * | * |
| Amhara | 1088705 | 11222 | 107403 | 248721 | 448555 | 263149 | 9277 | 379 |
| Oromia | 616657 | 12305 | 97606 | 146272 | 188366 | 146090 | 22967 | 3053 |
| Somali | 1307 | 130 | 377 | 445 | 278 | 76 | - | - |
| Benishangul-Gumuz | 17942 | 497 | 1403 | 2822 | 6363 | 6290 | 556 | 12 |
| S.N.N.P.R | 219763 | 11248 | 75719 | 66252 | 49534 | 15924 | 931 | * |
| Gambella | 2793 | 358 | 1225 | 846 | 283 | 63 | * | - |
| Harari | 1444 | 25 | 668 | 500 | 222 | * | - | - |
| Addis Ababa | 3908 | 215 | 271 | 483 | 986 | 1560 | 379 | * |
| Dire Dawa | 415 | * | 241 | * | * | - | - | - |

TABLE 4.44.1 RURAL HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 2096287 | 36608 | 304319 | 509399 | 747801 | 459655 | 34814 | 3691 |
| Tigray | 175954 | 3315 | 27850 | 51644 | 60519 | 30865 | 1508 | 253 |
| Afar | 1582 | 184 | 228 | 339 | 523 | 271 | * | * |
| Amhara | 1079839 | 10395 | 105462 | 246234 | 446177 | 262073 | 9132 | 369 |
| Oromia | 597610 | 11237 | 92920 | 141142 | 183761 | 143119 | 22546 | 2888 |
| Somali | 1158 | 78 | 339 | 424 | 248 | * | - | - |
| Benishangul-Gumuz | 16904 | 466 | 1329 | 2679 | 6207 | 5897 | 326 | - |
| S.N.N.P.R | 215420 | 10427 | 73939 | 65229 | 48969 | 15810 | 908 | * |
| Gambella | 2678 | 306 | 1201 | 826 | 268 | 63 | * | - |
| Harari | 1371 | - | 638 | 489 | 216 | * | - | - |
| Addis Ababa | 3361 | 148 | 178 | 332 | 858 | 1459 | 373 | * |
| Dire Dawa | 409 | * | 237 | * | * | - | - | - |

TABLE 4.44.2 URBAN HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 37850 | 3319 | 9448 | 9959 | 8929 | 5058 | 914 | 224 |
| Tigray | 3451 | 345 | 695 | 936 | 998 | 384 | 76 | 18 |
| Afar | 216 | 29 | 82 | 37 | 50 | 10 | * | - |
| Amhara | 8865 | 828 | 1941 | 2487 | 2378 | 1076 | 145 | 11 |
| Oromia | 19046 | 1068 | 4687 | 5130 | 4605 | 2972 | 422 | 166 |
| Somali | 149 | 52 | 38 | 22 | 30 | * | - | - |
| Benishangul-Gumuz | 1038 | 31 | 75 | 143 | 155 | 393 | * | 12 |
| S.N.N.P.R | 4343 | 821 | 1780 | 1023 | 565 | 114 | 23 | 18 |
| Gambella | 115 | 52 | * | 20 | * | - | * | - |
| Harari | 73 | 25 | 30 | 11 | * | * | - | - |
| Addis Ababa | 548 | 68 | 93 | 151 | 128 | 101 | * | - |
| Dire Dawa | * | * | * | - | - | - | - | - |

TABLE 4.45 NUMBER OF HOLDERS WITH OTHER TENURE SYSTEMS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1000815 | 59692 | 232437 | 259244 | 266839 | 163370 | 17326 | 1908 |
| Tigray | 39867 | 4155 | 11455 | 10996 | 8958 | 4235 | * | * |
| Afar | 5957 | 3472 | 599 | 857 | 646 | 331 | * | * |
| Amhara | 132246 | 13994 | 23009 | 29417 | 40439 | 24064 | 1218 | * |
| Oromia | 602632 | 21260 | 111133 | 154972 | 175962 | 122174 | 15539 | 1593 |
| Somali | 5081 | 707 | 1307 | 1253 | 1081 | * | * | - |
| Benishangul-Gumuz | 4154 | 416 | 1060 | 730 | 1105 | 816 | * | - |
| S.N.N.P.R | 204216 | 14741 | 82029 | 59487 | 37304 | 10145 | 385 | * |
| Gambella | 2282 | 345 | 1100 | 488 | 275 | * | - | - |
| Harari | 389 | * | 169 | * | * | - | - | - |
| Addis Ababa | 2846 | 275 | 307 | * | * | 661 | 72 | * |
| Dire Dawa | 1146 | * | 270 | 241 | * | 166 | - | - |

TABLE 4.45.1 RURAL HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 989031 | 58476 | 228406 | 256053 | 264482 | 162560 | 17238 | 1817 |
| Tigray | 39774 | 4149 | 11433 | 10977 | 8930 | 4217 | * | * |
| Afar | 5658 | 3453 | 548 | 751 | 556 | 303 | * | * |
| Amhara | 131833 | 13902 | 22910 | 29319 | 40369 | 24015 | 1215 | * |
| Oromia | 594266 | 20616 | 108311 | 152684 | 174105 | 121541 | 15474 | 1538 |
| Somali | 5054 | 707 | 1296 | 1239 | 1079 | * | * | - |
| Benishangul-Gumuz | 4137 | 416 | 1052 | 730 | 1098 | 813 | * | - |
| S.N.N.P.R | 201984 | 14380 | 81115 | 58881 | 37041 | 10106 | 368 | * |
| Gambella | 2180 | 320 | 1070 | 471 | 258 | * | - | - |
| Harari | 365 | * | 162 | * | * | - | - | - |
| Addis Ababa | * | 229 | 251 | * | * | 634 | 72 | * |
| Dire Dawa | 1126 | * | 259 | 238 | * | 166 | - | - |

TABLE 4.45.2 URBAN HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Holders By Size Of holdings (Hectare) | | | | | | | |
| | All Holders | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 11784 | 1216 | 4031 | 3190 | 2357 | 810 | 88 | 91 |
| Tigray | 93 | * | 22 | 20 | 28 | 17 | - | - |
| Afar | 299 | 19 | 51 | 106 | 91 | 28 | * | - |
| Amhara | 414 | 92 | 100 | 99 | 71 | 49 | * | - |
| Oromia | 8366 | 645 | 2823 | 2289 | 1858 | 634 | 65 | 55 |
| Somali | 27 | - | 11 | 14 | * | - | - | - |
| Benishangul-Gumuz | 17 | - | * | - | * | * | - | - |
| S.N.N.P.R | 2232 | 361 | 915 | 606 | 263 | 39 | 17 | 32 |
| Gambella | 102 | 25 | 30 | 17 | 17 | * | - | - |
| Harari | 24 | * | 7 | * | - | - | - | - |
| Addis Ababa | 192 | * | * | 37 | 22 | 27 | - | * |
| Dire Dawa | 20 | * | * | * | - | - | - | - |

TABLE 4.46. AREA OF HOLDINGS UNDER ALL LAND TENURE SYSTEMS BY LAND USE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Land Use By Size of Holding | Total Area | Area In Hectares By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 11047249 | 9535456 | 1110878 | 400915 |
| Land Under Temporary Crops | 8193391 | 6808455 | 1045236 | 339675 |
| Land under Permanent Crops | 667768 | 650976 | 9229 | 7587 |
| Grazing Land | 957856 | 896332 | 29263 | 32261 |
| Fallow Land | 839949 | 801601 | 24287 | 14062 |
| Woodland | 87053 | 85121 | 573 | 1360 |
| All Other Land | 301232 | 292972 | 2291 | 5970 |
| Holdings Under 0.10 Hectare Sizes | | | | |
| All | 38418 | 35745 | 1173 | 1500 |
| Land Under Temporary Crops | 17684 | 16055 | 826 | 804 |
| Land under Permanent Crops | 10248 | 9960 | 135 | 153 |
| Grazing Land | 1230 | 1130 | 25 | 76 |
| Fallow Land | 1320 | 1247 | 27 | 46 |
| Woodland | 262 | 259 | * | * |
| All Other Land | 7674 | 7095 | 160 | 419 |
| Holdings Of 0.10-0.50 Hectare Sizes | | | | |
| All | 933428 | 850448 | 49622 | 33358 |
| Land Under Temporary Crops | 605341 | 531536 | 45939 | 27840 |
| Land under Permanent Crops | 164531 | 161301 | 1813 | 1441 |
| Grazing Land | 54214 | 51853 | 571 | 1789 |
| Fallow Land | 55332 | 53317 | 840 | 1175 |
| Woodland | 9247 | 8998 | 89 | 160 |
| All Other Land | 44766 | 43443 | 370 | 953 |
| Holdings Of 0.51-1.00 Hectare Sizes | | | | |
| All | 2021798 | 1781961 | 161918 | 77919 |
| Land Under Temporary Crops | 1500001 | 1277069 | 154574 | 68357 |
| Land under Permanent Crops | 184504 | 179703 | 2659 | 2142 |
| Grazing Land | 124730 | 119225 | 1707 | 3798 |
| Fallow Land | 133197 | 128554 | 2572 | 2071 |
| Woodland | 19316 | 18860 | 65 | 391 |
| All Other Land | 60051 | 58552 | 340 | 1160 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | | |
| All | 3682947 | 3159601 | 394297 | 129048 |
| Land Under Temporary Crops | 2879473 | 2387163 | 377713 | 114598 |
| Land under Permanent Crops | 179912 | 175053 | 2460 | 2399 |
| Grazing Land | 249466 | 237960 | 5470 | 6036 |
| Fallow Land | 259902 | 247958 | 7956 | 3988 |
| Woodland | 26701 | 26146 | 114 | 440 |
| All Other Land | 87493 | 85322 | 584 | 1587 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | | |
| All | 3605515 | 3055146 | 424179 | 126190 |
| Land Under Temporary Crops | 2725169 | 2220468 | 399059 | 105642 |
| Land under Permanent Crops | 99846 | 97323 | 1235 | 1288 |
| Grazing Land | 373841 | 349155 | 12436 | 12251 |
| Fallow Land | 302376 | 286713 | 10438 | 5226 |
| Woodland | 24287 | 23745 | 289 | 253 |
| All Other Land | 79997 | 77742 | 723 | 1531 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 612070 | 523114 | 62974 | 25982 |
| Land Under Temporary Crops | 378326 | 305771 | 55088 | 17467 |
| Land under Permanent Crops | 15645 | 15047 | 434 | 165 |
| Grazing Land | 124589 | 112563 | 5265 | 6761 |
| Fallow Land | 72614 | 69217 | 2081 | 1317 |
| Woodland | 5516 | 5470 | * | * |
| All Other Land | 15379 | 15046 | 97 | 236 |
| Holdings Over 10.00 Hectares | | | | |
| All | 153072 | 129441 | 16714 | 6917 |
| Land Under Temporary Crops | 87398 | 70394 | 12037 | 4967 |
| Land under Permanent Crops | 13083 | 12591 | * | - |
| Grazing Land | 29786 | 24446 | 3789 | 1551 |
| Fallow Land | 15207 | 14596 | 372 | 239 |
| Woodland | 1725 | 1642 | * | * |
| All Other Land | 5872 | 5772 | * | * |

TABLE 4.46.1 RURAL HOLDINGS

| Land Use By Size of Holding | Total Area | Area In Hectares By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 10885960 | 9416735 | 1075828 | 393398 |
| Land Under Temporary Crops | 8055117 | 6711545 | 1011126 | 332446 |
| Land under Permanent Crops | 644752 | 629165 | 8288 | 7299 |
| Grazing Land | 957856 | 896332 | 29263 | 32261 |
| Fallow Land | 839949 | 801601 | 24287 | 14062 |
| Woodland | 87053 | 85121 | 573 | 1360 |
| All Other Land | 301232 | 292972 | 2291 | 5970 |
| Holdings Under 0.10 Hectare Sizes | | | | |
| All | 36428 | 33900 | 1075 | 1454 |
| Land Under Temporary Crops | 16632 | 15123 | 743 | 765 |
| Land under Permanent Crops | 9310 | 9046 | 120 | 145 |
| Grazing Land | 1230 | 1130 | 25 | 76 |
| Fallow Land | 1320 | 1247 | 27 | 46 |
| Woodland | 262 | 259 | * | * |
| All Other Land | 7674 | 7095 | 160 | 419 |
| Holdings Of 0.10-0.50 Hectare Sizes | | | | |
| All | 913948 | 834428 | 47169 | 32350 |
| Land Under Temporary Crops | 589657 | 519167 | 43584 | 26906 |
| Land under Permanent Crops | 160732 | 157650 | 1715 | 1367 |
| Grazing Land | 54214 | 51853 | 571 | 1789 |
| Fallow Land | 55332 | 53317 | 840 | 1175 |
| Woodland | 9247 | 8998 | 89 | 160 |
| All Other Land | 44766 | 43443 | 370 | 953 |
| Holdings Of 0.51-1.00 Hectare Sizes | | | | |
| All | 1992541 | 1760111 | 156234 | 76196 |
| Land Under Temporary Crops | 1473663 | 1257971 | 148984 | 66708 |
| Land under Permanent Crops | 181584 | 176950 | 2566 | 2068 |
| Grazing Land | 124730 | 119225 | 1707 | 3798 |
| Fallow Land | 133197 | 128554 | 2572 | 2071 |
| Woodland | 19316 | 18860 | 65 | 391 |
| All Other Land | 60051 | 58552 | 340 | 1160 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | | |
| All | 3645107 | 3132740 | 385497 | 126870 |
| Land Under Temporary Crops | 2844438 | 2362902 | 369047 | 112489 |
| Land under Permanent Crops | 177108 | 172452 | 2325 | 2330 |
| Grazing Land | 249466 | 237960 | 5470 | 6036 |
| Fallow Land | 259902 | 247958 | 7956 | 3988 |
| Woodland | 26701 | 26146 | 114 | 440 |
| All Other Land | 87493 | 85322 | 584 | 1587 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | | |
| All | 3569828 | 3030983 | 413977 | 124868 |
| Land Under Temporary Crops | 2692151 | 2198856 | 388927 | 104368 |
| Land under Permanent Crops | 97176 | 94772 | 1164 | 1240 |
| Grazing Land | 373841 | 349155 | 12436 | 12251 |
| Fallow Land | 302376 | 286713 | 10438 | 5226 |
| Woodland | 24287 | 23745 | 289 | 253 |
| All Other Land | 79997 | 77742 | 723 | 1531 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 599037 | 514403 | 58850 | 25783 |
| Land Under Temporary Crops | 367370 | 299049 | 51038 | 17284 |
| Land under Permanent Crops | 13568 | 13058 | * | * |
| Grazing Land | 124589 | 112563 | 5265 | 6761 |
| Fallow Land | 72614 | 69217 | 2081 | 1317 |
| Woodland | 5516 | 5470 | * | * |
| All Other Land | 15379 | 15046 | 97 | 236 |
| Holdings Over 10.00 Hectares | | | | |
| All | 129071 | 110169 | 13025 | 5876 |
| Land Under Temporary Crops | 71207 | 58477 | 8804 | 3927 |
| Land under Permanent Crops | 5273 | 5236 | * | - |
| Grazing Land | 29786 | 24446 | 3789 | 1551 |
| Fallow Land | 15207 | 14596 | 372 | 239 |
| Woodland | 1725 | 1642 | * | * |
| All Other Land | 5872 | 5772 | * | * |

TABLE 4.46.2 URBAN HOLDINGS

| Land Use By Size of Holding | Total Area | Area In Hectares By Type of Land Tenures | | |
|---|---|---|---|---|
| | | Land Owned | Land Rented | Other Tenure |
| Holdings Of All Sizes | | | | |
| All | 161289 | 118722 | 35050 | 7517 |
| Land Under Temporary Crops | 138274 | 96910 | 34110 | 7229 |
| Land under Permanent Crops | 23016 | 21811 | 940 | 288 |
| Holdings Under 0.10 Hectares Sizes | | | | |
| All | 1990 | 1846 | 98 | 46 |
| Land Under Temporary Crops | 1052 | 931 | 83 | 38 |
| Land under Permanent Crops | 938 | 915 | 15 | 8 |
| Holdings Of 0.10-0.50 Hectares Sizes | | | | |
| All | 19480 | 16020 | 2453 | 1007 |
| Land Under Temporary Crops | 15684 | 12370 | 2355 | 934 |
| Land under Permanent Crops | 3799 | 3651 | 98 | 74 |
| Holdings Of 0.51-1.00 Hectares Sizes | | | | |
| All | 29257 | 21850 | 5684 | 1723 |
| Land Under Temporary Crops | 26338 | 19098 | 5590 | 1650 |
| Land under Permanent Crops | 2919 | 2752 | 94 | 74 |
| Holdings Of 1.01-2.00 Hectares Sizes | | | | |
| All | 37840 | 26861 | 8801 | 2178 |
| Land Under Temporary Crops | 35036 | 24261 | 8666 | 2109 |
| Land under Permanent Crops | 2804 | 2600 | 134 | 69 |
| Holdings Of 2.01-5.00 Hectares Sizes | | | | |
| All | 35687 | 24162 | 10202 | 1323 |
| Land Under Temporary Crops | 33017 | 21612 | 10132 | 1274 |
| Land under Permanent Crops | 2669 | 2551 | 70 | 48 |
| Holdings Of 5.01-10.00 Hectares | | | | |
| All | 13033 | 8710 | 4124 | 199 |
| Land Under Temporary Crops | 10956 | 6722 | 4051 | 183 |
| Land under Permanent Crops | 2077 | 1988 | 74 | * |
| Holdings Over 10.00 Hectares | | | | |
| All | 24002 | 19272 | 3689 | 1041 |
| Land Under Temporary Crops | 16191 | 11917 | 3234 | 1041 |
| Land under Permanent Crops | 7810 | 7355 | * | - |

TABLE 4.47. AREA OF HOLDINGS UNDER LAND OWNED BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 9535456 | 35745 | 850448 | 1781961 | 3159601 | 3055146 | 523114 | 129441 |
| Tigray | 523524 | 1801 | 67776 | 134605 | 174171 | 112854 | 15333 | * |
| Afar | 12817 | 240 | 918 | 2618 | 4083 | 4230 | 726 | * |
| Amhara | 2779663 | 8854 | 187225 | 512735 | 1097151 | 895555 | 63955 | 14189 |
| Oromia | 4501018 | 10287 | 271510 | 669107 | 1352211 | 1719816 | 398443 | 79645 |
| Somali | 96106 | 314 | 8183 | 21720 | 33838 | 26671 | 5063 | * |
| Benishangul-Gumuz | 137538 | 441 | 8244 | 21665 | 48087 | 49324 | 8176 | 1602 |
| S.N.N.P.R | 1427332 | 13361 | 298429 | 407814 | 435596 | 229463 | 26480 | 16190 |
| Gambella | 16078 | 220 | 3969 | 4414 | 4472 | 2503 | 454 | * |
| Harari | 8528 | 55 | 1792 | 2812 | 2991 | 776 | 39 | * |
| Addis Ababa | 24313 | 121 | 549 | 1066 | 4173 | 13552 | 4446 | * |
| Dire Dawa | 8540 | 51 | 1854 | 3405 | 2827 | 404 | - | - |

TABLE 4.47.1 RURAL HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 9416735 | 33900 | 834428 | 1760111 | 3132740 | 3030983 | 514403 | 110169 |
| Tigray | 515191 | 1746 | 66465 | 132722 | 172315 | 111244 | 14605 | * |
| Afar | 12748 | 240 | 912 | 2590 | 4072 | 4214 | 721 | * |
| Amhara | 2762823 | 8662 | 184584 | 508709 | 1092831 | 892003 | 62120 | 13914 |
| Oromia | 4434158 | 9603 | 264897 | 658330 | 1336310 | 1704875 | 394088 | 66057 |
| Somali | 94340 | 281 | 7836 | 21195 | 33321 | 26390 | 4999 | * |
| Benishangul-Gumuz | 134201 | 414 | 8104 | 21196 | 47284 | 48330 | 7517 | 1357 |
| S.N.N.P.R | 1409440 | 12572 | 293934 | 404090 | 432949 | 227966 | 25753 | * |
| Gambella | 15277 | 196 | 3833 | 4310 | 4329 | 2318 | 291 | - |
| Harari | 8244 | 41 | 1716 | 2777 | 2970 | 740 | - | - |
| Addis Ababa | 21957 | 99 | 406 | 824 | 3564 | 12501 | 4310 | * |
| Dire Dawa | 8355 | 46 | 1742 | 3369 | 2795 | 404 | - | - |

TABLE 4.47.2 URBAN HOLDINGS

| Geographic Area | Land Owned | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 118722 | 1846 | 16020 | 21850 | 26861 | 24162 | 8710 | 19272 |
| Tigray | 8333 | 55 | 1311 | 1883 | 1856 | 1610 | 727 | 891 |
| Afar | 69 | 1 | 6 | 29 | 12 | 16 | 6 | - |
| Amhara | 16840 | 192 | 2640 | 4027 | 4320 | 3552 | 1835 | 274 |
| Oromia | 66860 | 684 | 6613 | 10778 | 15902 | 14941 | 4356 | 13588 |
| Somali | 1766 | 33 | 347 | 525 | 517 | 281 | 64 | - |
| Benishangul-Gumuz | 3337 | 28 | 140 | 469 | 803 | 994 | 659 | 244 |
| S.N.N.P.R | 17892 | 789 | 4496 | 3724 | 2648 | 1497 | 727 | 4013 |
| Gambella | 801 | 25 | 137 | 105 | 143 | 185 | 163 | * |
| Harari | 283 | 14 | 76 | 35 | 21 | 36 | 39 | * |
| Addis Ababa | 2356 | 22 | 143 | 242 | 609 | 1051 | * | * |
| Dire Dawa | 185 | 5 | 112 | 36 | 32 | - | - | - |

TABLE 4.48. AREA OF HOLDINGS UNDER LAND RENTED BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1110878 | 1173 | 49622 | 161918 | 394297 | 424179 | 62974 | 16714 |
| Tigray | 92456 | 77 | 4400 | 16282 | 34655 | 31510 | 4359 | 1174 |
| Afar | 1916 | 3 | 79 | 194 | 572 | 523 | * | * |
| Amhara | 587249 | 291 | 17038 | 75044 | 228252 | 244388 | 21179 | 1060 |
| Oromia | 347667 | 393 | 18057 | 51691 | 105043 | 125357 | 33693 | 13439 |
| Somali | 330 | 5 | 43 | 108 | 126 | * | - | - |
| Benishangul-Gumuz | 15886 | 13 | 303 | 1069 | 3992 | 8653 | 1679 | 178 |
| S.N.N.P.R | 60644 | 372 | 9328 | 16909 | 20636 | 11868 | 1141 | 393 |
| Gambella | 626 | 12 | 165 | 251 | 149 | * | * | - |
| Harari | 341 | 1 | 94 | 107 | 118 | * | - | - |
| Addis Ababa | 3670 | 6 | 84 | 240 | 723 | 1793 | 793 | * |
| Dire Dawa | 92 | * | 34 | * | * | - | - | - |

TABLE 4.48.1 RURAL HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 1075828 | 1075 | 47169 | 156234 | 385497 | 413977 | 58850 | 13025 |
| Tigray | 89531 | 70 | 4207 | 15746 | 33702 | 30828 | 3960 | 1018 |
| Afar | 1695 | 3 | 52 | 164 | 491 | 495 | * | * |
| Amhara | 580665 | 275 | 16542 | 73786 | 226268 | 242405 | 20446 | 946 |
| Oromia | 327157 | 359 | 16765 | 48531 | 100100 | 119193 | 31742 | 10471 |
| Somali | 275 | 3 | 34 | 94 | 102 | * | - | - |
| Benishangul-Gumuz | 13595 | 12 | 279 | 962 | 3804 | 7723 | 815 | - |
| S.N.N.P.R | 58763 | 341 | 8959 | 16433 | 20178 | 11656 | 1079 | * |
| Gambella | 564 | 10 | 154 | 248 | 132 | * | * | - |
| Harari | 320 | - | 89 | 102 | 115 | * | - | - |
| Addis Ababa | 3171 | 4 | * | * | 574 | 1601 | 760 | * |
| Dire Dawa | 91 | * | 33 | * | * | - | - | - |

TABLE 4.48.2 URBAN HOLDINGS

| Geographic Area | Land Rented | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 35050 | 98 | 2453 | 5684 | 8801 | 10202 | 4124 | 3689 |
| Tigray | 2925 | 7 | 193 | 536 | 953 | 682 | 398 | 157 |
| Afar | 220 | * | 27 | 30 | 81 | 28 | * | - |
| Amhara | 6584 | 16 | 496 | 1257 | 1985 | 1983 | 733 | 114 |
| Oromia | 20510 | 35 | 1292 | 3161 | 4943 | 6164 | 1951 | 2967 |
| Somali | 55 | 2 | 8 | 14 | 24 | * | - | - |
| Benishangul-Gumuz | 2292 | 1 | 24 | 107 | 188 | 930 | * | 178 |
| S.N.N.P.R | 1881 | 32 | 369 | 476 | 458 | 212 | * | * |
| Gambella | 62 | 2 | * | 4 | * | - | * | - |
| Harari | 21 | 1 | 5 | 5 | * | * | - | - |
| Addis Ababa | 499 | 2 | 27 | 96 | 149 | 192 | * | - |
| Dire Dawa | * | * | * | - | - | - | - | - |

TABLE 4.49. AREA OF HOLDINGS UNDER OTHER TENURE BY GEOGRAPHIC AREA AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 400915 | 1500 | 33358 | 77919 | 129048 | 126190 | 25982 | 6917 |
| Tigray | 7928 | 87 | 924 | 1925 | 2731 | 2258 | * | * |
| Afar | 2070 | 41 | 86 | 327 | 710 | 657 | 110 | * |
| Amhara | 29960 | 213 | 1847 | 4527 | 10084 | 11596 | 1601 | * |
| Oromia | 301625 | 645 | 19781 | 53989 | 96248 | 100816 | 23663 | 6488 |
| Somali | 1397 | 16 | 197 | 296 | 330 | * | * | - |
| Benishangul-Gumuz | 884 | 12 | 137 | 101 | 262 | 356 | * | - |
| S.N.N.P.R | 54558 | 461 | 10107 | 16151 | 18031 | 9211 | * | * |
| Gambella | 486 | 14 | 145 | 128 | 150 | 49 | - | - |
| Harari | * | * | 13 | * | * | - | - | - |
| Addis Ababa | 1371 | 10 | 87 | * | 350 | 433 | 84 | * |
| Dire Dawa | 561 | * | 36 | * | * | 259 | - | - |

TABLE 4.49.1 RURAL HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 – 10 | Over 10 |
| National | 393398 | 1454 | 32350 | 76196 | 126870 | 124868 | 25783 | 5876 |
| Tigray | 7843 | 87 | 919 | 1914 | 2706 | 2216 | * | * |
| Afar | 1723 | 40 | 70 | 251 | 571 | 580 | * | * |
| Amhara | 29738 | 211 | 1824 | 4471 | 10039 | 11510 | 1591 | * |
| Oromia | 295768 | 620 | 19041 | 52729 | 94515 | 99822 | 23534 | 5511 |
| Somali | 1385 | 16 | 195 | 289 | 328 | * | * | - |
| Benishangul-Gumuz | 862 | 12 | 135 | 101 | 253 | 345 | * | - |
| S.N.N.P.R | 53825 | 446 | 9913 | 15871 | 17852 | 9170 | * | * |
| Gambella | 440 | 12 | 137 | 122 | 138 | * | - | - |
| Harari | * | * | 12 | * | * | - | - | - |
| Addis Ababa | 1184 | 8 | 73 | * | 316 | 378 | 84 | * |
| Dire Dawa | 556 | * | 34 | * | * | 259 | - | - |

TABLE 4.49.2 URBAN HOLDINGS

| Geographic Area | Other Tenure | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area By Size Of holdings (Hectare) | | | | | | | |
| | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01- 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 7517 | 46 | 1007 | 1723 | 2178 | 1323 | 199 | 1041 |
| Tigray | 85 | * | 5 | 11 | 25 | 43 | - | - |
| Afar | 347 | 1 | 16 | 76 | 139 | 76 | * | - |
| Amhara | 222 | 2 | 23 | 56 | 44 | 86 | * | - |
| Oromia | 5857 | 25 | 741 | 1261 | 1734 | 994 | 129 | 977 |
| Somali | 12 | - | 3 | 8 | * | - | - | - |
| Benishangul-Gumuz | 22 | - | * | - | * | * | - | - |
| S.N.N.P.R | 733 | 14 | 194 | 280 | 179 | 41 | * | 4 |
| Gambella | 46 | 2 | 8 | * | 12 | * | - | - |
| Harari | 3 | * | 1 | * | - | - | - | - |
| Addis Ababa | 187 | * | 14 | 23 | 34 | 55 | - | * |
| Dire Dawa | 5 | * | * | * | - | - | - | - |

TABLE 4.50. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL CROPLAND AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| TYPE OF CROP | Number Of Holders Reporting | All Area In Hectare | Area By Size Of Holdings in Hectare | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Under 0.10 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - | 5.01 - 10 | Over 10 |
| Temporary Crops | 4640331 | 1031441 | 94100 | 461554 | 248964 | 164091 | 55318 | 6496 | * |
| Grain Crops | 3492174 | 864606 | 53665 | 357750 | 231887 | 160835 | 54499 | 5703 | * |
| Cereals | 3198718 | 704770 | 42757 | 283856 | 193422 | 135302 | 44718 | 4729 | - |
| Barley | 787811 | 183721 | 5529 | 75008 | 58006 | 34558 | 9544 | 1079 | - |
| Maize | 2395512 | 351191 | 34575 | 165052 | 85663 | 50122 | 13741 | 2045 | - |
| Millet | 13002 | 1271 | 29 | 446 | 380 | 249 | 159 | * | - |
| Oats/'Aja' | 118759 | 13548 | 385 | 4464 | 3364 | 3728 | 1519 | * | - |
| Rice | 2421 | * | - | * | * | * | * | - | - |
| Sorghum | 179765 | 44458 | 517 | 9323 | 13547 | 14288 | 6255 | 529 | - |
| Teff | 209573 | 49868 | 1001 | 14701 | 14032 | 13612 | 6139 | 383 | - |
| Wheat | 277445 | 60711 | 723 | 14859 | 18429 | 18745 | 7362 | 594 | - |
| Pulses | 1503567 | 150264 | 10754 | 72599 | 36799 | 21802 | 7209 | 821 | * |
| Chick Peas | 70556 | 10180 | 569 | 6287 | 2547 | 541 | 208 | 29 | - |
| Fenugreek | 35393 | 4915 | 133 | 1020 | 876 | 1678 | 1148 | * | - |
| Field Peas | 177266 | 28803 | 386 | 10527 | 10089 | 6146 | 1519 | * | - |
| Gibto | 280 | 9 | * | * | - | - | - | - | - |
| Haricot beans | 1166996 | 86892 | 8900 | 45586 | 17410 | 10316 | 3888 | 512 | * |
| Horse/ Faba beans | 49461 | 2519 | 282 | 1311 | 503 | 282 | 111 | * | - |
| Soya beans | 1100 | 32 | * | 12 | * | * | - | - | - |
| Lentils | 114990 | 15306 | 388 | 6933 | 5026 | 2633 | 274 | * | - |
| Vetch/ Grass peas | 15364 | 1463 | 78 | 905 | 316 | 143 | 20 | - | - |
| Other Pulses | 2036 | 145 | 11 | 14 | 19 | 60 | 41 | - | - |
| Oilseeds | 47432 | 4116 | 24 | 517 | 919 | 1582 | 992 | * | - |
| Groundnuts | 4811 | 445 | 12 | 174 | 183 | * | * | - | - |
| Linseed | 16315 | 3480 | 6 | 275 | 679 | 1459 | 979 | * | - |
| Neug | 638 | 59 | * | 4 | 17 | * | * | - | - |
| Rape seed | 22613 | * | * | * | - | - | - | - | - |
| Sesame | 807 | 55 | * | 21 | 14 | * | - | - | - |
| Sufflower | 2458 | 76 | 4 | 43 | 26 | * | * | - | - |
| Other Grains | 47353 | 5456 | 130 | 778 | 747 | 2149 | 1581 | * | - |
| Vegetables | 802664 | 14233 | 5224 | 6248 | 1586 | 581 | * | * | - |
| Head Cabbage | 12564 | 401 | 74 | 226 | 75 | * | - | - | - |
| Green peppers | 50593 | 905 | 291 | 429 | 131 | * | 10 | - | - |
| Ethiopian Cabbage | 681850 | 9870 | 4136 | 4002 | 914 | 292 | * | * | - |
| Lettuce | 6497 | 85 | 39 | 43 | * | - | - | - | - |
| Red peppers | 32933 | 822 | 298 | 411 | 74 | * | * | - | - |
| Swiss chard | 4976 | 42 | 17 | 20 | * | * | - | - | - |
| Tomatoes | 30058 | 1490 | 220 | 861 | 268 | * | * | - | - |
| Other vegetables | 45282 | 620 | 148 | 255 | 117 | * | * | - | - |
| Root Crops | 1946668 | 152602 | 35211 | 97557 | 15492 | 2674 | 381 | * | * |
| Beetroot | 11084 | 264 | 56 | 142 | * | * | * | - | - |
| Carrot | 11444 | 249 | 57 | 168 | 14 | 11 | - | - | - |
| Garlic | 123748 | 1183 | 356 | 563 | 201 | 55 | 8 | - | - |
| Taro/'Godere' | 104989 | 2501 | 485 | 1540 | 363 | 93 | * | - | - |
| Onion | 231971 | 9299 | 1913 | 4991 | 1561 | 715 | 117 | * | - |
| Potatoes | 1494534 | 126118 | 30023 | 81464 | 11622 | 1521 | 201 | * | * |
| Sweet Potatoes | 237015 | 12316 | 2173 | 8305 | 1590 | 222 | * | - | - |
| Other root | 28147 | 672 | 147 | 384 | 101 | 39 | * | - | - |

TABLE 4.51. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ALL TEMPORARY CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With All Temporary Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 4640331 | 1031441 | 94100 | 461554 | 248964 | 164091 | 55318 | 6496 | * |
| Tigray | 82447 | 13067 | 1827 | 7893 | 2128 | 994 | * | - | - |
| Afar | 2002 | 929 | 11 | 405 | 353 | 92 | * | - | - |
| Amhara | 1020985 | 223280 | 20259 | 121619 | 55562 | 21674 | 3602 | * | - |
| Oromia | 1783405 | 471888 | 34363 | 178869 | 118449 | 100615 | 35760 | 3843 | - |
| Somali | 16769 | 8015 | 172 | 2165 | 2415 | 2401 | 861 | - | - |
| Benishangul-Gumuz | 11204 | 905 | 311 | 543 | 51 | - | - | - | - |
| S.N.N.P.R | 1700712 | 308946 | 36669 | 147640 | 68993 | 37839 | 14790 | * | * |
| Gambella | 14474 | 2987 | 258 | 1798 | 683 | 235 | * | - | - |
| Harari | 3275 | 989 | 49 | 399 | 306 | * | - | - | - |
| Addis Ababa | 323 | 49 | 12 | 19 | * | * | - | - | - |
| Dire Dawa | 4737 | 385 | 169 | 205 | * | - | - | - | - |

TABLE 4.52. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER CEREALS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Cereal Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 3198718 | 704770 | 42757 | 283856 | 193422 | 135302 | 44718 | 4729 | - |
| Tigray | 59238 | 9749 | 1096 | 5889 | 1689 | 934 | * | - | - |
| Afar | 1686 | 715 | 9 | 304 | 278 | 58 | * | - | - |
| Amhara | 496365 | 117341 | 4985 | 57844 | 36777 | 14423 | 2746 | * | - |
| Oromia | 1286686 | 356144 | 18219 | 124698 | 97717 | 84366 | 28186 | 2968 | - |
| Somali | 16389 | 7366 | 149 | 2017 | 2194 | 2220 | 788 | - | - |
| Benishangul-Gumuz | 6020 | 379 | 121 | 236 | * | - | - | - | - |
| S.N.N.P.R | 1312778 | 209527 | 17818 | 90926 | 53929 | 32888 | 12778 | * | - |
| Gambella | 14378 | 2783 | 241 | 1654 | 640 | 235 | * | - | - |
| Harari | 1590 | * | * | 134 | * | * | - | - | - |
| Addis Ababa | 68 | * | * | * | * | * | - | - | - |
| Dire Dawa | 3521 | 257 | 98 | 149 | * | - | - | - | - |

TABLE 4.53. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER PULSES BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Pulses | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1503567 | 150264 | 10754 | 72599 | 36799 | 21802 | 7209 | 821 | * |
| Tigray | 11162 | 1487 | 122 | 1068 | 276 | * | - | - | - |
| Afar | 315 | 52 | 1 | 36 | 13 | * | - | - | - |
| Amhara | 225934 | 40904 | 1324 | 19473 | 12593 | 6690 | 826 | - | - |
| Oromia | 501125 | 57993 | 3733 | 23857 | 13694 | 11156 | 4836 | 719 | - |
| Somali | 3881 | 504 | 14 | 115 | 178 | 141 | 57 | - | - |
| Benishangul-Gumuz | 3953 | 105 | 41 | 60 | * | - | - | - | - |
| S.N.N.P.R | 751668 | 48664 | 5486 | 27662 | 9897 | 3745 | 1491 | * | * |
| Gambella | 2848 | 108 | 10 | 85 | 13 | * | - | - | - |
| Harari | 2628 | 445 | 24 | 243 | 131 | * | - | - | - |
| Addis Ababa | 32 | * | - | * | * | * | - | - | - |
| Dire Dawa | * | * | * | - | - | - | - | - | - |

TABLE 4.54. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER OILSEEDS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Oilseeds | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 - 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 47432 | 4116 | 24 | 517 | 919 | 1582 | 992 | * | - |
| Tigray | 362 | 14 | * | 12 | * | - | - | - | - |
| Afar | * | * | - | * | - | - | - | - | - |
| Amhara | 12244 | 350 | 10 | 132 | 100 | 85 | * | - | - |
| Oromia | 15720 | 3245 | 4 | 168 | 606 | 1419 | 966 | * | - |
| Somali | * | * | * | * | * | * | - | - | - |
| Benishangul-Gumuz | * | * | * | * | - | - | - | - | - |
| S.N.N.P.R | 18704 | 468 | 10 | 194 | 199 | * | * | - | - |
| Gambella | 97 | 21 | * | * | * | - | - | - | - |
| Harari | * | * | - | - | * | * | - | - | - |
| Addis Ababa | - | - | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.55. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER OTHER GRAINS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Other Grains | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 47353 | 5456 | 130 | 778 | 747 | 2149 | 1581 | * | - |
| Tigray | 1077 | * | * | * | * | * | - | - | - |
| Afar | * | * | * | - | - | * | - | - | - |
| Amhara | 2172 | 213 | 18 | 138 | * | * | * | - | - |
| Oromia | 14990 | 4273 | 27 | 199 | 502 | 1944 | 1531 | * | - |
| Somali | - | - | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * | - | - | - | - | - |
| S.N.N.P.R | 28592 | 925 | 72 | 422 | 197 | * | * | - | - |
| Gambella | 326 | 10 | * | 9 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - | - | - |
| Addis Ababa | - | - | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - | - | - |

TABLE 4.56. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER VEGETABLES BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Vegetables | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 802664 | 14233 | 5224 | 6248 | 1586 | 581 | * | * | - |
| Tigray | 20418 | 663 | 213 | 351 | 63 | * | * | - | - |
| Afar | * | * | * | * | * | * | - | - | - |
| Amhara | 68360 | 1482 | 434 | 883 | 140 | * | - | - | - |
| Oromia | 244114 | 4508 | 1643 | 2084 | 507 | 233 | 42 | * | - |
| Somali | 171 | 8 | 2 | 4 | - | * | - | - | - |
| Benishangul-Gumuz | 3037 | 37 | 22 | 14 | * | - | - | - | - |
| S.N.N.P.R | 462431 | 7289 | 2874 | 2780 | 818 | 294 | * | * | - |
| Gambella | 1944 | 49 | 5 | 30 | 15 | * | - | - | - |
| Harari | * | * | * | * | * | - | - | - | - |
| Addis Ababa | 232 | * | * | * | - | - | - | - | - |
| Dire Dawa | 1487 | 54 | 22 | * | * | - | - | - | - |

TABLE 4.57. NUMBER OF HOLDERS AND AREA OF HOLDING UNDER ROOT CROPS BY GEOGRAPHIC AREA AND SIZE OF HOLDING

RURAL HOLDINGS-BELG SEASON

| Geographic Area | Holdings With Root Crops | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number of Holders | Size Of Holding In Hectare | | | | | | | |
| | | Total Area | Under 0.1 | 0.1 - 0.50 | 0.51 - 1.00 | 1.01 – 2.00 | 2.01 - 5.00 | 5.01 - 10 | Over 10 |
| National | 1946668 | 152602 | 35211 | 97557 | 15492 | 2674 | 381 | * | * |
| Tigray | 25920 | 1125 | 387 | 565 | 100 | * | * | - | - |
| Afar | 125 | 49 | * | * | * | * | * | - | - |
| Amhara | 579304 | 62992 | 13491 | 43151 | 5905 | 443 | * | - | - |
| Oromia | 577355 | 45729 | 10739 | 27867 | 5425 | 1497 | 201 | * | - |
| Somali | 670 | * | * | 30 | * | * | * | - | - |
| Benishangul-Gumuz | 5484 | 377 | 123 | 231 | * | - | - | - | - |
| S.N.N.P.R | 754630 | 42075 | 10409 | 25658 | 3956 | 663 | * | * | * |
| Gambella | 702 | 16 | 2 | 9 | 6 | - | - | - | - |
| Harari | 372 | * | * | * | * | * | - | - | - |
| Addis Ababa | 170 | 10 | 2 | 5 | * | - | - | - | - |
| Dire Dawa | 1936 | 75 | 49 | 25 | * | - | - | - | - |

# ANNEX TABLES PRESENTING ESTIMATES, STANDARD ERRORS AND COEFFICIENTS OF VARIATION FOR SELECTED LAND USE VARIABLES

**Annex Tables 4.1 - 4.4.2**

Annex Table 4.1: Estimates of Agricultural holders by Type of holdings and their Standard errors and Coefficients of Variation

Both Rural and Urban holdings

| Type of holding | All Numbers | | | Size of Holding In Hectare | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 0.10 | | | 0.10-0.50 | | | 0.51-1.00 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 10758598 | 23751 | 0.22 | 819394 | 9445 | 1 | 3175027 | 18495 | 1 | 2767746 | 1443 1 | 1 |
| Crop only | 1996799 | 16579 | 1 | 269608 | 5109 | 2 | 849868 | 9189 | 1 | 484876 | 6054 | 1 |
| Livestock only | 304790 | 5798 | 2 | 217207 | 4807 | 2 | 46828 | 1751 | 4 | 20463 | 1018 | 5 |
| Crop and Livestock | 8457008 | 23735 | 0.28 | 332578 | 5320 | 2 | 2278331 | 16189 | 1 | 2262407 | 13363 | 1 |

Table 4.1 CONTINUED

| Type of holding | Size of Holding In Hectare | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.01-2.00 | | | 2.01-5.00 | | | 5.01-10.00 | | | Over 10 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 2612288 | 14850 | 1 | 1276773 | 12167 | 1 | 97037 | 2934 | 3 | 10333 | 1203 | 12 |
| Crop only | 310511 | 5109 | 2 | 78542 | 2618 | 3 | 2736 | 352 | 13 | 658 | 143 | 22 |
| Livestock only | 14244 | 934 | 7 | 5514 | 527 | 10 | 534 | 117 | 22 | - | - | - |
| Crop and Livestock | 2287532 | 13914 | 1 | 1192718 | 11464 | 1 | 93767 | 2880 | 3 | 9675 | 1124 | 12 |

Annex Table 4.1.1 Rural holdings

| Type of holding | All Numbers | | | Size of Holding In Hectare | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 0.10 | | | 0.10-0.50 | | | 0.51-1.00 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 10553513 | 23737 | 0.22 | 767740 | 9433 | 1 | 3104141 | 18489 | 1 | 2727486 | 14427 | 1 |
| Crop only | 1947769 | 16575 | 1 | 256654 | 5105 | 2 | 828741 | 9186 | 1 | 475870 | 6052 | 1 |
| Livestock only | 304790 | 5798 | 2 | 217207 | 4807 | 2 | 46828 | 1751 | 4 | 20463 | 1018 | 5 |
| Crop and Livestock | 8300954 | 23723 | 0.28 | 293879 | 5304 | 2 | 2228572 | 16185 | 1 | 2231153 | 13359 | 1 |

Table 4.1.1 CONTINUED

| Type of holding | Size of Holding In Hectare | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.01-2.00 | | | 2.01-5.00 | | | 5.01-10.00 | | | Over 10 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 2585278 | 14848 | 1 | 1264421 | 12165 | 1 | 95068 | 2930 | 3 | 9379 | 1202 | 13 |
| Crop only | 306411 | 5107 | 2 | 77155 | 2617 | 3 | 2527 | 351 | 14 | 411 | 141 | 34 |
| Livestock only | 14244 | 934 | 7 | 5514 | 527 | 10 | 534 | 117 | 22 | - | - | - |
| Crop and Livestock | 2264623 | 13911 | 1 | 1181752 | 11462 | 1 | 92007 | 2875 | 3 | 8968 | 1123 | 13 |

Annex Table 4.1.2 Urban holdings

| Type of holding | All Numbers | | | Size of Holding In Hectare | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under 0.10 | | | 0.10-0.50 | | | 0.51-1.00 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 205085 | 826 | 0.40 | 51654 | 474 | 1 | 70886 | 445 | 1 | 40260 | 358 | 1 |
| Crop only | 49032 | 370 | 1 | 12955 | 201 | 2 | 21127 | 238 | 1 | 9006 | 156 | 2 |
| Crop and Livestock | 156054 | 747 | 0.48 | 38699 | 418 | 1 | 49760 | 378 | 1 | 31254 | 330 | 1 |

Table 4.1.2 CONTINUED

| Type of holding | Size of Holding In Hectare | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1.01-2.00 | | | 2.01-5.00 | | | 5.01-10.00 | | | Over 10 | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| All | 27010 | 287 | 1 | 12352 | 231 | 2 | 1969 | 159 | 8 | 954 | 49 | 5 |
| Crop only | 4101 | 108 | 3 | 1387 | 77 | 6 | 209 | 27 | 13 | 247 | 28 | 11 |
| Crop and Livestock | 22909 | 265 | 1 | 10965 | 202 | 2 | 1760 | 157 | 9 | 707 | 43 | 6 |

***Note: The abbreviations S.E and C.V stand for Standard Errors and Coefficients of Variation, respectively.***

Annex Table 4.2 : Estimates of Agricultural holders, Area of holding and number of parcels by Type of Land use and their Standard errors and Coefficients of Variation

## Both Rural and Urban holdings

| Land Use By Size Of Holding | Number of Holders | | | Holding Area in Hectare | | | Number Of Parcels | | |
|---|---|---|---|---|---|---|---|---|---|
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | |
| All | 10758597 | 23751 | 0.22 | 11047249 | 56112 | 1 | 35340605 | 143664 | 0.41 |
| Land Under Temporary Crops | 10151839 | 24511 | 0.24 | 8193391 | 42236 | 1 | 27604991 | 116679 | 0.42 |
| Land Under Permanent Crops | 5805161 | 24518 | 0.42 | 667768 | 7592 | 1 | 7563282 | 42435 | 1 |
| Grazing Land | 3727319 | 23669 | 1 | 957856 | 15827 | 2 | 4784549 | 41186 | 1 |
| Fallow Land | 3278341 | 23594 | 1 | 839949 | 12254 | 1 | 4310677 | 42569 | 1 |
| Woodland | 1486960 | 17316 | 1 | 87053 | 1802 | 2 | 1695148 | 22335 | 1 |
| All Other Land | 10226668 | 22699 | 0.22 | 301232 | 3940 | 1 | 11004255 | 28757 | 0.26 |
| Holdings Under 0.10 Hectares | | | | | | | | | |
| All | 819394 | 9445 | 1 | 38418 | 488 | 1 | 1040581 | 13171 | 1 |
| Land Under Temporary Crops | 485781 | 6945 | 1 | 17684 | 268 | 2 | 547891 | 8206 | 2 |
| Land Under Permanent Crops | 356867 | 6484 | 2 | 10248 | 229 | 2 | 393395 | 7715 | 2 |
| Grazing Land | 61210 | 2754 | 5 | 1230 | 55 | 5 | 62422 | 2831 | 5 |
| Fallow Land | 54681 | 2045 | 4 | 1320 | 56 | 4 | 55830 | 2113 | 4 |
| Woodland | 22342 | 1321 | 6 | 262 | 18 | 7 | 22919 | 1351 | 6 |
| All Other Land | 711897 | 9024 | 1 | 7674 | 128 | 2 | 721681 | 9167 | 1 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | |
| All | 3175027 | 18495 | 1 | 933428 | 5393 | 1 | 6824308 | 53253 | 1 |
| Land Under Temporary Crops | 2979440 | 18272 | 1 | 605341 | 4169 | 1 | 5080119 | 41010 | 1 |
| Land Under Permanent Crops | 1932370 | 15362 | 1 | 164531 | 2069 | 1 | 2435476 | 23572 | 1 |
| Grazing Land | 851316 | 10956 | 1 | 54214 | 926 | 2 | 920166 | 12298 | 1 |
| Fallow Land | 702486 | 9010 | 1 | 55332 | 951 | 2 | 774078 | 11282 | 1 |
| Woodland | 336297 | 7247 | 2 | 9247 | 239 | 3 | 357728 | 8038 | 2 |
| All Other Land | 2935090 | 18223 | 1 | 44766 | 402 | 1 | 3044876 | 19961 | 1 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | |
| All | 2767746 | 14431 | 1 | 2021798 | 10647 | 1 | 8746021 | 65921 | 1 |
| Land Under Temporary Crops | 2720490 | 14420 | 1 | 1500001 | 8880 | 1 | 6860420 | 52673 | 1 |
| Land Under Permanent Crops | 1520818 | 11319 | 1 | 184504 | 2568 | 1 | 2018744 | 18688 | 1 |
| Grazing Land | 943542 | 9770 | 1 | 124730 | 1844 | 1 | 1128574 | 14991 | 1 |
| Fallow Land | 864687 | 8950 | 1 | 133197 | 1954 | 1 | 1064344 | 13900 | 1 |
| Woodland | 408045 | 6531 | 2 | 19316 | 488 | 3 | 460419 | 8442 | 2 |
| All Other Land | 2660548 | 14345 | 1 | 60051 | 578 | 1 | 2843319 | 16153 | 1 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | |
| All | 2612288 | 14850 | 1 | 3682947 | 21423 | 1 | 11049062 | 81085 | 1 |
| Land Under Temporary Crops | 2590155 | 14827 | 1 | 2879473 | 17948 | 1 | 8914947 | 66002 | 1 |
| Land Under Permanent Crops | 1331868 | 11375 | 1 | 179912 | 2936 | 2 | 1800580 | 17419 | 1 |
| Grazing Land | 1079451 | 10889 | 1 | 249466 | 3627 | 1 | 1409019 | 19134 | 1 |
| Fallow Land | 984849 | 10350 | 1 | 259902 | 3832 | 1 | 1350947 | 18935 | 1 |
| Woodland | 424309 | 6964 | 2 | 26701 | 696 | 3 | 493584 | 9045 | 2 |
| All Other Land | 2556814 | 14766 | 1 | 87493 | 1048 | 1 | 2814135 | 17263 | 1 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | |
| All | 1276773 | 12167 | 1 | 3605515 | 35981 | 1 | 6977317 | 79000 | 1 |
| Land Under Temporary Crops | 1269563 | 12148 | 1 | 2725169 | 29343 | 1 | 5663892 | 66778 | 1 |
| Land Under Permanent Crops | 615621 | 8257 | 1 | 99846 | 2580 | 3 | 847063 | 12217 | 1 |
| Grazing Land | 712731 | 8695 | 1 | 373841 | 6893 | 2 | 1089720 | 15456 | 1 |
| Fallow Land | 603993 | 8070 | 1 | 302376 | 5789 | 2 | 936014 | 15984 | 2 |
| Woodland | 264040 | 5464 | 2 | 24287 | 922 | 4 | 318848 | 7088 | 2 |
| All Other Land | 1258148 | 12118 | 1 | 79997 | 1401 | 2 | 1451158 | 14740 | 1 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | |
| All | 97037 | 2934 | 3 | 612070 | 19459 | 3 | 637556 | 19979 | 3 |
| Land Under Temporary Crops | 96278 | 2928 | 3 | 378326 | 11660 | 3 | 483171 | 14906 | 3 |
| Land Under Permanent Crops | 42685 | 1630 | 4 | 15645 | 1555 | 10 | 60485 | 2632 | 4 |
| Grazing Land | 72165 | 2389 | 3 | 124589 | 6924 | 6 | 155705 | 6055 | 4 |
| Fallow Land | 62111 | 2369 | 4 | 72614 | 4872 | 7 | 117881 | 5159 | 4 |
| Woodland | 28538 | 1259 | 4 | 5516 | 580 | 11 | 37340 | 1876 | 5 |
| All Other Land | 94897 | 2919 | 3 | 15379 | 1184 | 8 | 117468 | 3685 | 3 |
| Holdings Over 10.00 Hectares | | | | | | | | | |
| All | 10333 | 1203 | 12 | 153072 | 19622 | 13 | 65827 | 6183 | 9 |
| Land Under Temporary Crops | 10132 | 1201 | 12 | 87398 | 11314 | 13 | 47468 | 4403 | 9 |
| Land Under Permanent Crops | 5032 | 899 | 18 | 13083 | 2482 | 19 | 7539 | 1610 | 21 |
| Grazing Land | 6905 | 976 | 14 | 29786 | 5488 | 18 | 18942 | 2469 | 13 |
| Fallow Land | 5534 | 670 | 12 | 15207 | 2933 | 19 | 11584 | 1536 | 13 |
| Woodland | 3389 | 529 | 16 | 1725 | 415 | 24 | 4310 | 692 | 16 |
| All Other Land | 9274 | 1150 | 12 | 5872 | 2073 | 35 | 11618 | 1443 | 12 |

Annex Table 4.2.1 Rural Holdings

| Land Use By Size Of Holding | Number of Holders | | | Holding Area in Hectare | | | Number Of Parcels | | |
|---|---|---|---|---|---|---|---|---|---|
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | |
| All | 10553514 | 23737 | 0.22 | 10885960 | 56071 | 1 | 34958173 | 143651 | 0.41 |
| Land Under Temporary Crops | 9978569 | 24498 | 0.25 | 8055117 | 42191 | 1 | 27293567 | 116666 | 0.43 |
| Land Under Permanent Crops | 5712916 | 24513 | 0.43 | 644752 | 7535 | 1 | 7455537 | 42431 | 1 |
| Grazing Land | 3727319 | 23669 | 1 | 957856 | 15827 | 2 | 4784549 | 41186 | 1 |
| Fallow Land | 3278341 | 23594 | 1 | 839949 | 12254 | 1 | 4310677 | 42569 | 1 |
| Woodland | 1486960 | 17316 | 1 | 87053 | 1802 | 2 | 1695148 | 22335 | 1 |
| All Other Land | 10226668 | 22699 | 0.22 | 301232 | 3940 | 1 | 11004255 | 28757 | 0.26 |
| Holdings Under 0.10 Hectares | | | | | | | | | |
| All | 767740 | 9433 | 1 | 36428 | 488 | 1 | 981313 | 13157 | 1 |
| Land Under Temporary Crops | 455064 | 6935 | 2 | 16632 | 268 | 2 | 512837 | 8192 | 2 |
| Land Under Permanent Crops | 322988 | 6473 | 2 | 9310 | 229 | 2 | 357735 | 7705 | 2 |
| Grazing Land | 61210 | 2754 | 5 | 1230 | 55 | 5 | 62422 | 2831 | 5 |
| Fallow Land | 54681 | 2045 | 4 | 1320 | 56 | 4 | 55830 | 2113 | 4 |
| Woodland | 22342 | 1321 | 6 | 262 | 18 | 7 | 22919 | 1351 | 6 |
| All Other Land | 711897 | 9024 | 1 | 7674 | 128 | 2 | 721681 | 9167 | 1 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | |
| All | 3104141 | 18489 | 1 | 913948 | 5391 | 1 | 6720404 | 53248 | 1 |
| Land Under Temporary Crops | 2917063 | 18267 | 1 | 589657 | 4167 | 1 | 4997469 | 41005 | 1 |
| Land Under Permanent Crops | 1899267 | 15359 | 1 | 160732 | 2069 | 1 | 2397286 | 23569 | 1 |
| Grazing Land | 851316 | 10956 | 1 | 54214 | 926 | 2 | 920166 | 12298 | 1 |
| Fallow Land | 702486 | 9010 | 1 | 55332 | 951 | 2 | 774078 | 11282 | 1 |
| Woodland | 336297 | 7247 | 2 | 9247 | 239 | 3 | 357728 | 8038 | 2 |
| All Other Land | 2935090 | 18223 | 1 | 44766 | 402 | 1 | 3044876 | 19961 | 1 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | |
| All | 2727486 | 14427 | 1 | 1992541 | 10644 | 1 | 8656108 | 65916 | 1 |
| Land Under Temporary Crops | 2681559 | 14416 | 1 | 1473663 | 8877 | 1 | 6782925 | 52669 | 1 |
| Land Under Permanent Crops | 1507153 | 11317 | 1 | 181584 | 2567 | 1 | 2001216 | 18685 | 1 |
| Grazing Land | 943542 | 9770 | 1 | 124730 | 1844 | 1 | 1128574 | 14991 | 1 |
| Fallow Land | 864687 | 8950 | 1 | 133197 | 1954 | 1 | 1064344 | 13900 | 1 |
| Woodland | 408045 | 6531 | 2 | 19316 | 488 | 3 | 460419 | 8442 | 2 |
| All Other Land | 2660548 | 14345 | 1 | 60051 | 578 | 1 | 2843319 | 16153 | 1 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | |
| All | 2585278 | 14848 | 1 | 3645107 | 21419 | 1 | 10968824 | 81080 | 1 |
| Land Under Temporary Crops | 2563705 | 14824 | 1 | 2844438 | 17944 | 1 | 8851034 | 65997 | 1 |
| Land Under Permanent Crops | 1324380 | 11374 | 1 | 177108 | 2935 | 2 | 1790090 | 17417 | 1 |
| Grazing Land | 1079451 | 10889 | 1 | 249466 | 3627 | 1 | 1409019 | 19134 | 1 |
| Fallow Land | 984849 | 10350 | 1 | 259902 | 3832 | 1 | 1350947 | 18935 | 1 |
| Woodland | 424309 | 6964 | 2 | 26701 | 696 | 3 | 493584 | 9045 | 2 |
| All Other Land | 2556814 | 14766 | 1 | 87493 | 1048 | 1 | 2814135 | 17263 | 1 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | |
| All | 1264421 | 12165 | 1 | 3569828 | 35975 | 1 | 6936557 | 78996 | 1 |
| Land Under Temporary Crops | 1257502 | 12146 | 1 | 2692151 | 29336 | 1 | 5626158 | 66773 | 1 |
| Land Under Permanent Crops | 612549 | 8256 | 1 | 97176 | 2577 | 3 | 842695 | 12216 | 1 |
| Grazing Land | 712731 | 8695 | 1 | 373841 | 6893 | 2 | 1089720 | 15456 | 1 |
| Fallow Land | 603993 | 8070 | 1 | 302376 | 5789 | 2 | 936014 | 15984 | 2 |
| Woodland | 264040 | 5464 | 2 | 24287 | 922 | 4 | 318848 | 7088 | 2 |
| All Other Land | 1258148 | 12118 | 1 | 79997 | 1401 | 2 | 1451158 | 14740 | 1 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | |
| All | 95068 | 2930 | 3 | 599037 | 19436 | 3 | 631427 | 19974 | 3 |
| Land Under Temporary Crops | 94411 | 2924 | 3 | 367370 | 11623 | 3 | 477528 | 14899 | 3 |
| Land Under Permanent Crops | 42110 | 1630 | 4 | 13568 | 1544 | 11 | 59721 | 2631 | 4 |
| Grazing Land | 72165 | 2389 | 3 | 124589 | 6924 | 6 | 155705 | 6055 | 4 |
| Fallow Land | 62111 | 2369 | 4 | 72614 | 4872 | 7 | 117881 | 5159 | 4 |
| Woodland | 28538 | 1259 | 4 | 5516 | 580 | 11 | 37340 | 1876 | 5 |
| All Other Land | 94897 | 2919 | 3 | 15379 | 1184 | 8 | 117468 | 3685 | 3 |
| Holdings Over 10.00 Hectares | | | | | | | | | |
| All | 9379 | 1202 | 13 | 129071 | 19562 | 15 | 63541 | 6181 | 10 |
| Land Under Temporary Crops | 9265 | 1200 | 13 | 71207 | 11245 | 16 | 45616 | 4400 | 10 |
| Land Under Permanent Crops | 4468 | 898 | 20 | 5273 | 2312 | 44 | 6794 | 1609 | 24 |
| Grazing Land | 6905 | 976 | 14 | 29786 | 5488 | 18 | 18942 | 2469 | 13 |
| Fallow Land | 5534 | 670 | 12 | 15207 | 2933 | 19 | 11584 | 1536 | 13 |
| Woodland | 3389 | 529 | 16 | 1725 | 415 | 24 | 4310 | 692 | 16 |
| All Other Land | 9274 | 1150 | 12 | 5872 | 2073 | 35 | 11618 | 1443 | 12 |

Annex Table 4.2.2 Urban Holdings

| Land Use By Size Of Holding | Number of Holders | | | Holding Area in Hectare | | | Number Of Parcels | | |
|---|---|---|---|---|---|---|---|---|---|
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | |
| All | 205084 | 826 | 0.40 | 161289 | 2159 | 1 | 382432 | 1895 | 1 |
| Land Under Temporary Crops | 173270 | 789 | 0.46 | 138249 | 1944 | 1 | 311424 | 1779 | 1 |
| Land Under Permanent Crops | 92245 | 497 | 1 | 23040 | 930 | 4 | 109745 | 588 | 1 |
| Holdings Under 0.10 Hectares | | | | | | | | | |
| All | 51654 | 474 | 1 | 1990 | 20 | 1 | 59268 | 601 | 1 |
| Land Under Temporary Crops | 30717 | 367 | 1 | 1052 | 14 | 1 | 35054 | 476 | 1 |
| Land Under Permanent Crops | 33779 | 372 | 1 | 938 | 11 | 1 | 35660 | 400 | 1 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | |
| All | 70886 | 445 | 1 | 19480 | 138 | 1 | 103904 | 714 | 1 |
| Land Under Temporary Crops | 62377 | 425 | 1 | 15658 | 121 | 1 | 75054 | 603 | 1 |
| Land Under Permanent Crops | 33103 | 300 | 1 | 3822 | 45 | 1 | 35660 | 361 | 1 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | |
| All | 40260 | 358 | 1 | 29257 | 272 | 1 | 89913 | 777 | 1 |
| Land Under Temporary Crops | 38931 | 354 | 1 | 26338 | 257 | 1 | 77495 | 688 | 1 |
| Land Under Permanent Crops | 13665 | 218 | 2 | 2919 | 60 | 2 | 17528 | 290 | 2 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | |
| All | 27010 | 287 | 1 | 37840 | 412 | 1 | 71238 | 862 | 1 |
| Land Under Temporary Crops | 26450 | 284 | 1 | 35036 | 391 | 1 | 63913 | 790 | 1 |
| Land Under Permanent Crops | 7488 | 158 | 2 | 2804 | 86 | 3 | 10490 | 239 | 2 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | |
| All | 12352 | 231 | 2 | 35687 | 685 | 2 | 40760 | 870 | 2 |
| Land Under Temporary Crops | 12061 | 229 | 2 | 33017 | 665 | 2 | 37734 | 842 | 2 |
| Land Under Permanent Crops | 3072 | 92 | 3 | 2669 | 129 | 5 | 4368 | 149 | 3 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | |
| All | 1969 | 159 | 8 | 13033 | 947 | 7 | 6129 | 474 | 8 |
| Land Under Temporary Crops | 1868 | 158 | 8 | 10956 | 924 | 8 | 5643 | 467 | 8 |
| Land Under Permanent Crops | 575 | 40 | 7 | 2077 | 186 | 9 | 764 | 62 | 8 |
| Holdings Over 10.00 Hectares | | | | | | | | | |
| All | 954 | 49 | 5 | 24002 | 1542 | 6 | 2286 | 172 | 8 |
| Land Under Temporary Crops | 867 | 48 | 6 | 16191 | 1241 | 8 | 1851 | 156 | 8 |
| Land Under Permanent Crops | 564 | 36 | 6 | 7810 | 904 | 12 | 745 | 64 | 9 |

Annex Table 4.3: Estimates of Agricultural holders by Type of Land tenure systems and Land use and their Standard errors and Coefficients of Variation

Both Rural and Urban holdings

| Land Use By Size Of Holding | All Number | | | Number of Holders By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| **Holdings Of All Sizes** | | | | | | | | | | | | |
| All | 10758597 | 23752 | 0.22 | 10547597 | 23254 | 0.22 | 2134137 | 15978 | 1 | 1000815 | 14215 | 1 |
| Land Under Temporary Crops | 10151839 | 24511 | 0.24 | 9759209 | 23902 | 0.24 | 1985928 | 15427 | 1 | 732949 | 12152 | 2 |
| Land Under Permanent Crops | 5805161 | 24518 | 0.42 | 5704139 | 24235 | 0.42 | 127586 | 3131 | 2 | 101139 | 3369 | 3 |
| Grazing Land | 3727319 | 23669 | 1 | 3615723 | 23309 | 1 | 93220 | 2844 | 3 | 95645 | 4343 | 5 |
| Fallow Land | 3278341 | 23594 | 1 | 3187506 | 23017 | 1 | 99824 | 3177 | 3 | 55243 | 2076 | 4 |
| Woodland | 1486960 | 17316 | 1 | 1466438 | 17120 | 1 | 7112 | 597 | 8 | 20678 | 1346 | 7 |
| All Other Land | 10226668 | 22699 | 0.22 | 9972246 | 22607 | 0.23 | 97134 | 2955 | 3 | 264815 | 5694 | 2 |
| **Holdings Under 0.10 Hectare** | | | | | | | | | | | | |
| All | 819394 | 9445 | 1 | 765619 | 9034 | 1 | 39926 | 1648 | 4 | 59692 | 2377 | 4 |
| Land Under Temporary Crops | 485781 | 6944 | 1 | 451817 | 6659 | 1 | 21525 | 1103 | 5 | 21474 | 1172 | 5 |
| Land Under Permanent Crops | 356767 | 6483 | 2 | 345653 | 6386 | 2 | 6886 | 543 | 8 | 7437 | 928 | 12 |
| Grazing Land | 61210 | 2754 | 5 | 57703 | 2626 | 5 | 658 | 158 | 24 | 2848 | 537 | 19 |
| Fallow Land | 54681 | 2045 | 4 | 52816 | 2002 | 4 | 694 | 173 | 25 | 1365 | 332 | 24 |
| Woodland | 22342 | 1321 | 6 | 22205 | 1319 | 6 | 5 | 4 | 79 | 131 | 55 | 42 |
| All Other Land | 711897 | 9024 | 1 | 663312 | 8657 | 1 | 17072 | 1139 | 7 | 38666 | 1840 | 5 |
| **Holdings Of 0.10-0.50 Hectare** | | | | | | | | | | | | |
| All | 3175027 | 18495 | 1 | 3096019 | 18429 | 1 | 313767 | 4968 | 2 | 232437 | 5133 | 2 |
| Land Under Temporary Crops | 2979440 | 18272 | 1 | 2827884 | 18019 | 1 | 275820 | 4569 | 2 | 159732 | 4064 | 3 |
| Land Under Permanent Crops | 1932370 | 15362 | 1 | 1901821 | 15299 | 1 | 37141 | 1599 | 4 | 29507 | 1566 | 5 |
| Grazing Land | 851316 | 10956 | 1 | 826662 | 10914 | 1 | 7021 | 596 | 8 | 25041 | 2101 | 8 |
| Fallow Land | 702486 | 9010 | 1 | 685261 | 8870 | 1 | 9779 | 826 | 8 | 12068 | 815 | 7 |
| Woodland | 336297 | 7247 | 2 | 331749 | 7157 | 2 | 1276 | 273 | 21 | 4175 | 537 | 13 |
| All Other Land | 2935090 | 18223 | 1 | 2856153 | 18158 | 1 | 27386 | 1309 | 5 | 68139 | 2022 | 3 |
| **Holdings Of 0.51-1.00 Hectare** | | | | | | | | | | | | |
| All | 2767746 | 14432 | 1 | 2723688 | 14412 | 1 | 519358 | 6219 | 1 | 259244 | 5081 | 2 |
| Land Under Temporary Crops | 2720490 | 14420 | 1 | 2616279 | 14288 | 1 | 487476 | 6026 | 1 | 196264 | 4381 | 2 |
| Land Under Permanent Crops | 1520818 | 11319 | 1 | 1494148 | 11214 | 1 | 37398 | 1440 | 4 | 28562 | 1382 | 5 |
| Grazing Land | 943542 | 9770 | 1 | 918072 | 9563 | 1 | 13550 | 779 | 6 | 23781 | 1703 | 7 |
| Fallow Land | 864687 | 8950 | 1 | 844794 | 8833 | 1 | 18202 | 963 | 5 | 12834 | 750 | 6 |
| Woodland | 408045 | 6531 | 2 | 401911 | 6487 | 2 | 1638 | 255 | 16 | 6323 | 661 | 10 |
| All Other Land | 2660548 | 14345 | 1 | 2601252 | 14245 | 1 | 21777 | 1060 | 5 | 62964 | 2072 | 3 |
| **Holdings Of 1.01-2.00 Hectares** | | | | | | | | | | | | |
| All | 2612288 | 14850 | 1 | 2586856 | 14811 | 1 | 756730 | 8299 | 1 | 266839 | 5017 | 2 |
| Land Under Temporary Crops | 2590155 | 14827 | 1 | 2515523 | 14616 | 1 | 722899 | 8173 | 1 | 209038 | 4521 | 2 |
| Land Under Permanent Crops | 1331868 | 11375 | 1 | 1309651 | 11256 | 1 | 31015 | 1223 | 4 | 24707 | 1180 | 5 |
| Grazing Land | 1079451 | 10889 | 1 | 1048370 | 10704 | 1 | 28953 | 1273 | 4 | 22118 | 1253 | 6 |
| Fallow Land | 984849 | 10350 | 1 | 954625 | 10102 | 1 | 35937 | 1585 | 4 | 15711 | 864 | 6 |
| Woodland | 424309 | 6964 | 2 | 418643 | 6898 | 2 | 2096 | 297 | 14 | 6054 | 584 | 10 |
| All Other Land | 2556814 | 14766 | 1 | 2508765 | 14645 | 1 | 19239 | 963 | 5 | 59444 | 1973 | 3 |
| **Holdings Of 2.01-5.00 Hectares** | | | | | | | | | | | | |
| All | 1276773 | 12167 | 1 | 1268751 | 12133 | 1 | 464712 | 7273 | 2 | 163370 | 3758 | 2 |
| Land Under Temporary Crops | 1269563 | 12148 | 1 | 1243227 | 11958 | 1 | 441661 | 7121 | 2 | 130473 | 3359 | 3 |
| Land Under Permanent Crops | 615621 | 8257 | 1 | 605804 | 8138 | 1 | 14044 | 801 | 6 | 10405 | 767 | 7 |
| Grazing Land | 712731 | 8695 | 1 | 688057 | 8454 | 1 | 35879 | 1593 | 4 | 18414 | 1032 | 6 |
| Fallow Land | 603993 | 8070 | 1 | 584153 | 7822 | 1 | 31169 | 1503 | 5 | 11254 | 762 | 7 |
| Woodland | 264040 | 5464 | 2 | 260484 | 5413 | 2 | 1906 | 301 | 16 | 3621 | 405 | 11 |
| All Other Land | 1258148 | 12118 | 1 | 1239251 | 11933 | 1 | 10587 | 706 | 7 | 33103 | 1429 | 4 |
| **Holdings Of 5.01-10.00Hectares** | | | | | | | | | | | | |
| All | 97037 | 2934 | 3 | 96469 | 2926 | 3 | 35728 | 1358 | 4 | 17326 | 1005 | 6 |
| Land Under Temporary Crops | 96278 | 2928 | 3 | 94707 | 2894 | 3 | 33091 | 1292 | 4 | 14242 | 922 | 6 |
| Land Under Permanent Crops | 42685 | 1630 | 4 | 42057 | 1608 | 4 | 965 | 217 | 23 | 521 | 127 | 24 |
| Grazing Land | 72165 | 2389 | 3 | 70269 | 2334 | 3 | 5818 | 529 | 9 | 3122 | 376 | 12 |
| Fallow Land | 62111 | 2369 | 4 | 60551 | 2349 | 4 | 3712 | 419 | 11 | 1726 | 245 | 14 |
| Woodland | 28538 | 1259 | 4 | 28178 | 1251 | 4 | 124 | 62 | 50 | 294 | 98 | 33 |
| All Other Land | 94897 | 2919 | 3 | 94287 | 2904 | 3 | 920 | 172 | 19 | 2236 | 295 | 13 |
| **Holdings Over 10.00 Hectares** | | | | | | | | | | | | |
| All | 10333 | 1203 | 12 | 10195 | 1201 | 12 | 3915 | 439 | 11 | 1908 | 268 | 14 |
| Land Under Temporary Crops | 10132 | 1201 | 12 | 9772 | 1196 | 12 | 3457 | 378 | 11 | 1726 | 258 | 15 |
| Land Under Permanent Crops | 5032 | 899 | 18 | 5005 | 899 | 18 | 137 | 61 | 45 | - | - | - |
| Grazing Land | 6905 | 976 | 14 | 6590 | 925 | 14 | 1340 | 275 | 21 | 321 | 98 | 31 |
| Fallow Land | 5534 | 670 | 12 | 5306 | 662 | 12 | 331 | 97 | 29 | 286 | 98 | 34 |
| Woodland | 3389 | 529 | 16 | 3268 | 523 | 16 | 67 | 49 | 73 | 80 | 46 | 57 |
| All Other Land | 9274 | 1150 | 12 | 9225 | 1149 | 12 | 154 | 69 | 45 | 263 | 82 | 31 |

Annex Table 4.3.1 Rural holdings

| Land Use By Size Of Holding | All Number | | | Number of Holders By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | | | | |
| All | 10553514 | 23737 | 2.25 | 10367541 | 23241 | 2.25 | 2096287 | 15972 | 1 | 989031 | 14214 | 1 |
| Land Under Temporary Crops | 9978569 | 24498 | 2.46 | 9614658 | 23890 | 2.49 | 1949722 | 15422 | 1 | 722028 | 12151 | 2 |
| Land Under Permanent Crops | 5712916 | 24513 | 4.30 | 5614349 | 24230 | 4.32 | 125212 | 3130 | 3 | 99812 | 3368 | 3 |
| Grazing Land | 3727319 | 23669 | 1 | 3615723 | 23309 | 1 | 93220 | 2844 | 3 | 95645 | 4343 | 5 |
| Fallow Land | 3278341 | 23594 | 1 | 3187506 | 23017 | 1 | 99824 | 3177 | 3 | 55243 | 2076 | 4 |
| Woodland | 1486960 | 17316 | 1 | 1466438 | 17120 | 1 | 7112 | 597 | 8 | 20678 | 1346 | 7 |
| All Other Land | 10226668 | 22699 | 2.22 | 9972246 | 22607 | 2.27 | 97134 | 2955 | 3 | 264815 | 5694 | 2 |
| Holdings Under 0.10 Hectares | | | | | | | | | | | | |
| All | 767740 | 9433 | 1 | 717258 | 9023 | 1 | 36608 | 1645 | 4 | 58476 | 2376 | 4 |
| Land Under Temporary Crops | 455064 | 6935 | 2 | 424161 | 6649 | 2 | 18770 | 1099 | 6 | 20526 | 1171 | 6 |
| Land Under Permanent Crops | 322988 | 6473 | 2 | 312828 | 6376 | 2 | 6127 | 541 | 9 | 7059 | 927 | 13 |
| Grazing Land | 61210 | 2754 | 5 | 57703 | 2626 | 5 | 658 | 158 | 24 | 2848 | 537 | 19 |
| Fallow Land | 54681 | 2045 | 4 | 52816 | 2002 | 4 | 694 | 173 | 25 | 1365 | 332 | 24 |
| Woodland | 22342 | 1321 | 6 | 22205 | 1319 | 6 | 5 | 4 | 79 | 131 | 55 | 42 |
| All Other Land | 711897 | 9024 | 1 | 663312 | 8657 | 1 | 17072 | 1139 | 7 | 38666 | 1840 | 5 |
| Holdings Of 0.10-0.50 Hectare | | | | | | | | | | | | |
| All | 3104141 | 18489 | 1 | 3033120 | 18424 | 1 | 304319 | 4966 | 2 | 228406 | 5132 | 2 |
| Land Under Temporary Crops | 2917063 | 18267 | 1 | 2774991 | 18014 | 1 | 266919 | 4567 | 2 | 156020 | 4063 | 3 |
| Land Under Permanent Crops | 1899267 | 15359 | 1 | 1869572 | 15296 | 1 | 36370 | 1598 | 4 | 29030 | 1566 | 5 |
| Grazing Land | 851316 | 10956 | 1 | 826662 | 10914 | 1 | 7021 | 596 | 8 | 25041 | 2101 | 8 |
| Fallow Land | 702486 | 9010 | 1 | 685261 | 8870 | 1 | 9779 | 826 | 8 | 12068 | 815 | 7 |
| Woodland | 336297 | 7247 | 2 | 331749 | 7157 | 2 | 1276 | 273 | 21 | 4175 | 537 | 13 |
| All Other Land | 2935090 | 18223 | 1 | 2856153 | 18158 | 1 | 27386 | 1309 | 5 | 68139 | 2022 | 3 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | | | | |
| All | 2727486 | 14427 | 1 | 2689891 | 14408 | 1 | 509399 | 6216 | 1 | 256053 | 5080 | 2 |
| Land Under Temporary Crops | 2681559 | 14416 | 1 | 2585196 | 14285 | 1 | 477764 | 6024 | 1 | 193198 | 4380 | 2 |
| Land Under Permanent Crops | 1507153 | 11317 | 1 | 1480840 | 11212 | 1 | 37013 | 1440 | 4 | 28326 | 1382 | 5 |
| Grazing Land | 943542 | 9770 | 1 | 918072 | 9563 | 1 | 13550 | 779 | 6 | 23781 | 1703 | 7 |
| Fallow Land | 864687 | 8950 | 1 | 844794 | 8833 | 1 | 18202 | 963 | 5 | 12834 | 750 | 6 |
| Woodland | 408045 | 6531 | 2 | 401911 | 6487 | 2 | 1638 | 255 | 16 | 6323 | 661 | 10 |
| All Other Land | 2660548 | 14345 | 1 | 2601252 | 14245 | 1 | 21777 | 1060 | 5 | 62964 | 2072 | 3 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | | | | |
| All | 2585278 | 14848 | 1 | 2564444 | 14809 | 1 | 747801 | 8298 | 1 | 264482 | 5017 | 2 |
| Land Under Temporary Crops | 2563705 | 14824 | 1 | 2494398 | 14614 | 1 | 714179 | 8171 | 1 | 206803 | 4521 | 2 |
| Land Under Permanent Crops | 1324380 | 11374 | 1 | 1302380 | 11255 | 1 | 30701 | 1223 | 4 | 24509 | 1180 | 5 |
| Grazing Land | 1079451 | 10889 | 1 | 1048370 | 10704 | 1 | 28953 | 1273 | 4 | 22118 | 1253 | 6 |
| Fallow Land | 984849 | 10350 | 1 | 954625 | 10102 | 1 | 35937 | 1585 | 4 | 15711 | 864 | 6 |
| Woodland | 424309 | 6964 | 2 | 418643 | 6898 | 2 | 2096 | 297 | 14 | 6054 | 584 | 10 |
| All Other Land | 2556814 | 14766 | 1 | 2508765 | 14645 | 1 | 19239 | 963 | 5 | 59444 | 1973 | 3 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | | | | |
| All | 1264421 | 12165 | 1 | 1258665 | 12132 | 1 | 459655 | 7271 | 2 | 162560 | 3758 | 2 |
| Land Under Temporary Crops | 1257502 | 12146 | 1 | 1233663 | 11957 | 1 | 436651 | 7118 | 2 | 129693 | 3359 | 3 |
| Land Under Permanent Crops | 612549 | 8256 | 1 | 602786 | 8137 | 1 | 13944 | 801 | 6 | 10370 | 767 | 7 |
| Grazing Land | 712731 | 8695 | 1 | 688057 | 8454 | 1 | 35879 | 1593 | 4 | 18414 | 1032 | 6 |
| Fallow Land | 603993 | 8070 | 1 | 584153 | 7822 | 1 | 31169 | 1503 | 5 | 11254 | 762 | 7 |
| Woodland | 264040 | 5464 | 2 | 260484 | 5413 | 2 | 1906 | 301 | 16 | 3621 | 405 | 11 |
| All Other Land | 1258148 | 12118 | 1 | 1239251 | 11933 | 1 | 10587 | 706 | 7 | 33103 | 1429 | 4 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | | | | |
| All | 95068 | 2930 | 3 | 94820 | 2924 | 3 | 34814 | 1349 | 4 | 17238 | 1005 | 6 |
| Land Under Temporary Crops | 94411 | 2924 | 3 | 93211 | 2892 | 3 | 32190 | 1284 | 4 | 14154 | 922 | 7 |
| Land Under Permanent Crops | 42110 | 1630 | 4 | 41490 | 1607 | 4 | 942 | 217 | 23 | 519 | 127 | 25 |
| Grazing Land | 72165 | 2389 | 3 | 70269 | 2334 | 3 | 5818 | 529 | 9 | 3122 | 376 | 12 |
| Fallow Land | 62111 | 2369 | 4 | 60551 | 2349 | 4 | 3712 | 419 | 11 | 1726 | 245 | 14 |
| Woodland | 28538 | 1259 | 4 | 28178 | 1251 | 4 | 124 | 62 | 50 | 294 | 98 | 33 |
| All Other Land | 94897 | 2919 | 3 | 94287 | 2904 | 3 | 920 | 172 | 19 | 2236 | 295 | 13 |
| Holdings Over 10.00 Hectares | | | | | | | | | | | | |
| All | 9379 | 1202 | 13 | 9343 | 1201 | 13 | 3691 | 439 | 12 | 1817 | 267 | 15 |
| Land Under Temporary Crops | 9265 | 1200 | 13 | 9038 | 1196 | 13 | 3248 | 377 | 12 | 1634 | 257 | 16 |
| Land Under Permanent Crops | 4468 | 898 | 20 | 4453 | 898 | 20 | 114 | 61 | 53 | - | - | - |
| Grazing Land | 6905 | 976 | 14 | 6590 | 925 | 14 | 1340 | 275 | 21 | 321 | 98 | 31 |
| Fallow Land | 5534 | 670 | 12 | 5306 | 662 | 12 | 331 | 97 | 29 | 286 | 98 | 34 |
| Woodland | 3389 | 529 | 16 | 3268 | 523 | 16 | 67 | 49 | 73 | 80 | 46 | 57 |
| All Other Land | 9274 | 1150 | 12 | 9225 | 1149 | 12 | 154 | 69 | 45 | 263 | 82 | 31 |

Annex Table 4.3.2 Urban holdings

| Land Use By Size Of Holding | All Number | | | Number of Holders By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | | | | |
| All | 205084 | 849 | 0.41 | 180056 | 789 | 0.44 | 37850 | 416 | 1 | 11784 | 181 | 2 |
| Land Under Temporary Crops | 173270 | 810 | 0.47 | 144550 | 741 | 1 | 36206 | 410 | 1 | 10921 | 176 | 2 |
| Land Under Permanent Crops | 92245 | 499 | 1 | 89790 | 496 | 1 | 2375 | 76 | 3 | 1327 | 60 | 5 |
| Holdings Under 0.10 Hectares | | | | | | | | | | | | |
| All | 51654 | 471 | 1 | 48361 | 459 | 1 | 3319 | 101 | 3 | 1216 | 64 | 5 |
| Land Under Temporary Crops | 30717 | 365 | 1 | 27655 | 349 | 1 | 2755 | 95 | 3 | 948 | 59 | 6 |
| Land Under Permanent Crops | 33779 | 370 | 1 | 32825 | 367 | 1 | 759 | 42 | 6 | 378 | 30 | 8 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | | | | |
| All | 70886 | 452 | 1 | 62899 | 430 | 1 | 9448 | 155 | 2 | 4031 | 108 | 3 |
| Land Under Temporary Crops | 62377 | 432 | 1 | 52892 | 406 | 1 | 8901 | 152 | 2 | 3712 | 104 | 3 |
| Land Under Permanent Crops | 33103 | 307 | 1 | 32249 | 305 | 1 | 771 | 43 | 6 | 478 | 39 | 8 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | | | | |
| All | 40260 | 360 | 1 | 33797 | 338 | 1 | 9959 | 169 | 2 | 3190 | 95 | 3 |
| Land Under Temporary Crops | 38931 | 357 | 1 | 31083 | 329 | 1 | 9711 | 167 | 2 | 3066 | 93 | 3 |
| Land Under Permanent Crops | 13665 | 217 | 2 | 13308 | 215 | 2 | 385 | 32 | 8 | 236 | 26 | 11 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | | | | |
| All | 27010 | 286 | 1 | 22412 | 268 | 1 | 8929 | 159 | 2 | 2357 | 81 | 3 |
| Land Under Temporary Crops | 26450 | 284 | 1 | 21125 | 259 | 1 | 8720 | 157 | 2 | 2235 | 79 | 4 |
| Land Under Permanent Crops | 7488 | 158 | 2 | 7272 | 155 | 2 | 314 | 32 | 10 | 198 | 25 | 13 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | | | | |
| All | 12352 | 231 | 2 | 10086 | 196 | 2 | 5058 | 179 | 4 | 810 | 46 | 6 |
| Land Under Temporary Crops | 12061 | 230 | 2 | 9565 | 193 | 2 | 5010 | 179 | 4 | 779 | 45 | 6 |
| Land Under Permanent Crops | 3072 | 91 | 3 | 3018 | 91 | 3 | 99 | 15 | 16 | 35 | 10 | 29 |
| Holdings Of 5.01-10.0 Hectares | | | | | | | | | | | | |
| All | 1969 | 161 | 8 | 1649 | 119 | 7 | 914 | 149 | 16 | 88 | 15 | 17 |
| Land Under Temporary Crops | 1868 | 160 | 9 | 1497 | 118 | 8 | 901 | 149 | 17 | 88 | 15 | 17 |
| Land Under Permanent Crops | 575 | 39 | 7 | 567 | 39 | 7 | 23 | 7 | 29 | 2 | 2 | 75 |
| Holdings Over 10.00 Hectares | | | | | | | | | | | | |
| All | 954 | 49 | 5 | 852 | 46 | 5 | 224 | 25 | 11 | 91 | 16 | 18 |
| Land Under Temporary Crops | 867 | 48 | 6 | 733 | 44 | 6 | 209 | 25 | 12 | 91 | 16 | 18 |
| Land Under Permanent Crops | 564 | 36 | 6 | 552 | 36 | 6 | 23 | 8 | 35 | - | - | - |

Annex Table 4.4: Estimates of Area of holdings by Type of Land tenure systems and Land use and their Standard errors and Coefficients of Variation

Both Rural and Urban holdings

| Land Use By Size Of Holding | Area in Hectare | | | Area of Holding In hectare By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | | | | |
| All | 11047249 | 56116 | 1 | 9535456 | 49407 | 1 | 1110878 | 12588 | 1 | 400915 | 8273 | 2 |
| Land Under Temporary Crops | 8193391 | 42241 | 1 | 6808455 | 35660 | 1 | 1045236 | 11988 | 1 | 339675 | 7231 | 2 |
| Land Under Permanent Crops | 667768 | 7592 | 1 | 650976 | 7401 | 1 | 9229 | 535 | 6 | 7587 | 395 | 5 |
| Grazing Land | 957856 | 15827 | 2 | 896332 | 14407 | 2 | 29263 | 1928 | 7 | 32261 | 2644 | 8 |
| Fallow Land | 839949 | 12254 | 1 | 801601 | 11778 | 1 | 24287 | 966 | 4 | 14062 | 757 | 5 |
| Woodland | 87053 | 1802 | 2 | 85121 | 1742 | 2 | 573 | 142 | 25 | 1360 | 153 | 11 |
| All Other Land | 301232 | 3940 | 1 | 292972 | 3888 | 1 | 2291 | 145 | 6 | 5970 | 245 | 4 |
| Holdings Under 0.10 Hectares | | | | | | | | | | | | |
| All | 38418 | 488 | 1 | 35745 | 470 | 1 | 1173 | 61 | 5 | 1500 | 69 | 5 |
| Land Under Temporary Crops | 17684 | 268 | 2 | 16055 | 249 | 2 | 826 | 55 | 7 | 804 | 55 | 7 |
| Land Under Permanent Crops | 10248 | 229 | 2 | 9960 | 225 | 2 | 135 | 15 | 11 | 153 | 18 | 12 |
| Grazing Land | 1230 | 55 | 5 | 1130 | 53 | 5 | 25 | 7 | 30 | 76 | 14 | 18 |
| Fallow Land | 1320 | 56 | 4 | 1247 | 51 | 4 | 27 | 9 | 32 | 46 | 17 | 37 |
| Woodland | 262 | 18 | 7 | 259 | 17 | 7 | - | - | 100 | 3 | 2 | 61 |
| All Other Land | 7674 | 128 | 2 | 7095 | 123 | 2 | 160 | 12 | 7 | 419 | 22 | 5 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | | | | |
| All | 933428 | 5393 | 1 | 850448 | 5192 | 1 | 49622 | 864 | 2 | 33358 | 853 | 3 |
| Land Under Temporary Crops | 605341 | 4169 | 1 | 531536 | 3905 | 1 | 45939 | 820 | 2 | 27840 | 771 | 3 |
| Land Under Permanent Crops | 164531 | 2069 | 1 | 161301 | 2049 | 1 | 1813 | 127 | 7 | 1441 | 101 | 7 |
| Grazing Land | 54214 | 926 | 2 | 51853 | 910 | 2 | 571 | 66 | 11 | 1789 | 162 | 9 |
| Fallow Land | 55332 | 951 | 2 | 53317 | 919 | 2 | 840 | 106 | 13 | 1175 | 106 | 9 |
| Woodland | 9247 | 239 | 3 | 8998 | 235 | 3 | 89 | 31 | 35 | 160 | 30 | 19 |
| All Other Land | 44766 | 402 | 1 | 43443 | 393 | 1 | 370 | 29 | 8 | 953 | 46 | 5 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | | | | |
| All | 2021798 | 10647 | 1 | 1781961 | 9935 | 1 | 161918 | 2237 | 1 | 77919 | 1853 | 2 |
| Land Under Temporary Crops | 1500001 | 8880 | 1 | 1277069 | 8117 | 1 | 154574 | 2178 | 1 | 68357 | 1709 | 3 |
| Land Under Permanent Crops | 184504 | 2568 | 1 | 179703 | 2510 | 1 | 2659 | 172 | 6 | 2142 | 160 | 7 |
| Grazing Land | 124730 | 1844 | 1 | 119225 | 1722 | 1 | 1707 | 136 | 8 | 3798 | 430 | 11 |
| Fallow Land | 133197 | 1954 | 1 | 128554 | 1895 | 1 | 2572 | 169 | 7 | 2071 | 160 | 8 |
| Woodland | 19316 | 488 | 3 | 18860 | 478 | 3 | 65 | 13 | 20 | 391 | 60 | 15 |
| All Other Land | 60051 | 578 | 1 | 58552 | 567 | 1 | 340 | 24 | 7 | 1160 | 70 | 6 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | | | | |
| All | 3682947 | 21423 | 1 | 3159601 | 19080 | 1 | 394297 | 5107 | 1 | 129048 | 3145 | 2 |
| Land Under Temporary Crops | 2879473 | 17948 | 1 | 2387163 | 15448 | 1 | 377713 | 4972 | 1 | 114598 | 2961 | 3 |
| Land Under Permanent Crops | 179912 | 2936 | 2 | 175053 | 2869 | 2 | 2460 | 177 | 7 | 2399 | 194 | 8 |
| Grazing Land | 249466 | 3627 | 1 | 237960 | 3482 | 1 | 5470 | 326 | 6 | 6036 | 539 | 9 |
| Fallow Land | 259902 | 3832 | 1 | 247958 | 3695 | 1 | 7956 | 418 | 5 | 3988 | 277 | 7 |
| Woodland | 26701 | 696 | 3 | 26146 | 684 | 3 | 114 | 26 | 23 | 440 | 86 | 19 |
| All Other Land | 87493 | 1048 | 1 | 85322 | 1026 | 1 | 584 | 54 | 9 | 1587 | 103 | 7 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | | | | |
| All | 3605515 | 35981 | 1 | 3055146 | 30607 | 1 | 424179 | 8108 | 2 | 126190 | 3878 | 3 |
| Land Under Temporary Crops | 2725169 | 29343 | 1 | 2220468 | 23896 | 1 | 399059 | 7841 | 2 | 105642 | 3421 | 3 |
| Land Under Permanent Crops | 99846 | 2580 | 3 | 97323 | 2521 | 3 | 1235 | 153 | 12 | 1288 | 162 | 13 |
| Grazing Land | 373841 | 6893 | 2 | 349155 | 6494 | 2 | 12436 | 698 | 6 | 12251 | 1213 | 10 |
| Fallow Land | 302376 | 5789 | 2 | 286713 | 5494 | 2 | 10438 | 582 | 6 | 5226 | 437 | 8 |
| Woodland | 24287 | 922 | 4 | 23745 | 868 | 4 | 289 | 134 | 47 | 253 | 45 | 18 |
| All Other Land | 79997 | 1401 | 2 | 77742 | 1358 | 2 | 723 | 115 | 16 | 1531 | 128 | 8 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | | | | |
| All | 612070 | 19460 | 3 | 523114 | 17663 | 3 | 62974 | 2926 | 5 | 25982 | 2125 | 8 |
| Land Under Temporary Crops | 378326 | 11660 | 3 | 305771 | 10035 | 3 | 55088 | 2661 | 5 | 17467 | 1406 | 8 |
| Land Under Permanent Crops | 15645 | 1555 | 10 | 15047 | 1529 | 10 | 434 | 187 | 43 | 165 | 76 | 46 |
| Grazing Land | 124589 | 6924 | 6 | 112563 | 6394 | 6 | 5265 | 723 | 14 | 6761 | 1257 | 19 |
| Fallow Land | 72614 | 4872 | 7 | 69217 | 4795 | 7 | 2081 | 292 | 14 | 1317 | 326 | 25 |
| Woodland | 5516 | 580 | 11 | 5470 | 579 | 11 | 9 | 6 | 67 | 37 | 18 | 50 |
| All Other Land | 15379 | 1184 | 8 | 15046 | 1177 | 8 | 97 | 31 | 32 | 236 | 51 | 22 |
| Holdings Over 10.00 Hectares | | | | | | | | | | | | |
| All | 153072 | 19622 | 13 | 129441 | 18481 | 14 | 16714 | 2178 | 13 | 6917 | 1186 | 17 |
| Land Under Temporary Crops | 87398 | 11314 | 13 | 70394 | 10896 | 15 | 12037 | 1523 | 13 | 4967 | 848 | 17 |
| Land Under Permanent Crops | 13083 | 2482 | 19 | 12591 | 2462 | 20 | 493 | 296 | 60 | - | - | - |
| Grazing Land | 29786 | 5488 | 18 | 24446 | 4530 | 19 | 3789 | 1204 | 32 | 1551 | 572 | 37 |
| Fallow Land | 15207 | 2933 | 19 | 14596 | 2916 | 20 | 372 | 125 | 33 | 239 | 96 | 40 |
| Woodland | 1725 | 415 | 24 | 1642 | 410 | 25 | 7 | 5 | 76 | 76 | 68 | 90 |
| All Other Land | 5872 | 2073 | 35 | 5772 | 2072 | 36 | 16 | 8 | 50 | 84 | 59 | 71 |

Annex Table 4.4.1 Rural Holdings

| Land Use By Size Of Holding | Area in Hectare | | | Area of Holding In hectare By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | | | | |
| All | 10885960 | 56071 | 1 | 9416735 | 49379 | 1 | 1075828 | 12536 | 1 | 393398 | 8268 | 2 |
| Land Under Temporary crops | 8055117 | 42191 | 1 | 6711545 | 35633 | 1 | 1011126 | 11937 | 1 | 332446 | 7225 | 2 |
| Land Under Permanent crops | 644752 | 7535 | 1 | 629165 | 7348 | 1 | 8288 | 445 | 5 | 7299 | 394 | 5 |
| Grazing Land | 957856 | 15827 | 2 | 896332 | 14407 | 2 | 29263 | 1928 | 7 | 32261 | 2644 | 8 |
| Fallow Land | 839949 | 12254 | 1 | 801601 | 11778 | 1 | 24287 | 966 | 4 | 14062 | 757 | 5 |
| Woodland | 87053 | 1802 | 2 | 85121 | 1742 | 2 | 573 | 142 | 25 | 1360 | 153 | 11 |
| All Other Land | 301232 | 3940 | 1 | 292972 | 3888 | 1 | 2291 | 145 | 6 | 5970 | 245 | 4 |
| Holdings Under 0.10 Hectares | | | | | | | | | | | | |
| All | 36428 | 488 | 1 | 33900 | 469 | 1 | 1075 | 61 | 6 | 1454 | 69 | 5 |
| Land Under Temporary crops | 16632 | 268 | 2 | 15123 | 249 | 2 | 743 | 55 | 7 | 765 | 55 | 7 |
| Land Under Permanent crops | 9310 | 229 | 2 | 9046 | 225 | 2 | 120 | 15 | 13 | 145 | 18 | 13 |
| Grazing Land | 1230 | 55 | 5 | 1130 | 53 | 5 | 25 | 7 | 30 | 76 | 14 | 18 |
| Fallow Land | 1320 | 56 | 4 | 1247 | 51 | 4 | 27 | 9 | 32 | 46 | 17 | 37 |
| Woodland | 262 | 18 | 7 | 259 | 17 | 7 | - | - | 79 | 3 | 2 | 60 |
| All Other Land | 7674 | 128 | 2 | 7095 | 123 | 2 | 160 | 12 | 7 | 419 | 22 | 5 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | | | | |
| All | 913948 | 5391 | 1 | 834428 | 5190 | 1 | 47169 | 863 | 2 | 32350 | 853 | 3 |
| Land Under Temporary crops | 589657 | 4167 | 1 | 519167 | 3903 | 1 | 43584 | 819 | 2 | 26906 | 770 | 3 |
| Land Under Permanent crops | 160732 | 2069 | 1 | 157650 | 2048 | 1 | 1715 | 127 | 7 | 1367 | 101 | 7 |
| Grazing Land | 54214 | 926 | 2 | 51853 | 910 | 2 | 571 | 66 | 11 | 1789 | 162 | 9 |
| Fallow Land | 55332 | 951 | 2 | 53317 | 919 | 2 | 840 | 106 | 13 | 1175 | 106 | 9 |
| Woodland | 9247 | 239 | 3 | 8998 | 235 | 3 | 89 | 31 | 35 | 160 | 30 | 19 |
| All Other Land | 44766 | 402 | 1 | 43443 | 393 | 1 | 370 | 29 | 8 | 953 | 46 | 5 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | | | | |
| All | 1992541 | 10644 | 1 | 1760111 | 9932 | 1 | 156234 | 2234 | 1 | 76196 | 1852 | 2 |
| Land Under Temporary crops | 1473663 | 8877 | 1 | 1257971 | 8114 | 1 | 148984 | 2175 | 1 | 66708 | 1709 | 3 |
| Land Under Permanent crops | 181584 | 2567 | 1 | 176950 | 2510 | 1 | 2566 | 172 | 7 | 2068 | 160 | 8 |
| Grazing Land | 124730 | 1844 | 1 | 119225 | 1722 | 1 | 1707 | 136 | 8 | 3798 | 430 | 11 |
| Fallow Land | 133197 | 1954 | 1 | 128554 | 1895 | 1 | 2572 | 169 | 7 | 2071 | 160 | 8 |
| Woodland | 19316 | 488 | 3 | 18860 | 478 | 3 | 65 | 13 | 20 | 391 | 60 | 15 |
| All Other Land | 60051 | 578 | 1 | 58552 | 567 | 1 | 340 | 24 | 7 | 1160 | 70 | 6 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | | | | |
| All | 3645107 | 21419 | 1 | 3132740 | 19077 | 1 | 385497 | 5104 | 1 | 126870 | 3143 | 2 |
| Land Under Temporary crops | 2844438 | 17944 | 1 | 2362902 | 15445 | 1 | 369047 | 4969 | 1 | 112489 | 2960 | 3 |
| Land Under Permanent crops | 177108 | 2935 | 2 | 172452 | 2868 | 2 | 2325 | 176 | 8 | 2330 | 194 | 8 |
| Grazing Land | 249466 | 3627 | 1 | 237960 | 3482 | 1 | 5470 | 326 | 6 | 6036 | 539 | 9 |
| Fallow Land | 259902 | 3832 | 1 | 247958 | 3695 | 1 | 7956 | 418 | 5 | 3988 | 277 | 7 |
| Woodland | 26701 | 696 | 3 | 26146 | 684 | 3 | 114 | 26 | 23 | 440 | 86 | 19 |
| All Other Land | 87493 | 1048 | 1 | 85322 | 1026 | 1 | 584 | 54 | 9 | 1587 | 103 | 7 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | | | | |
| All | 3569828 | 35975 | 1 | 3030983 | 30603 | 1 | 413977 | 8097 | 2 | 124868 | 3877 | 3 |
| Land Under Temporary crops | 2692151 | 29336 | 1 | 2198856 | 23892 | 1 | 388927 | 7831 | 2 | 104368 | 3420 | 3 |
| Land Under Permanent crops | 97176 | 2577 | 3 | 94772 | 2518 | 3 | 1164 | 152 | 13 | 1240 | 161 | 13 |
| Grazing Land | 373841 | 6893 | 2 | 349155 | 6494 | 2 | 12436 | 698 | 6 | 12251 | 1213 | 10 |
| Fallow Land | 302376 | 5789 | 2 | 286713 | 5494 | 2 | 10438 | 582 | 6 | 5226 | 437 | 8 |
| Woodland | 24287 | 922 | 4 | 23745 | 868 | 4 | 289 | 134 | 47 | 253 | 45 | 18 |
| All Other Land | 79997 | 1401 | 2 | 77742 | 1358 | 2 | 723 | 115 | 16 | 1531 | 128 | 8 |
| Holdings Of 5.01-10.0 Hectares | | | | | | | | | | | | |
| All | 599037 | 19436 | 3 | 514403 | 17655 | 3 | 58850 | 2864 | 5 | 25783 | 2125 | 8 |
| Land Under Temporary crops | 367370 | 11623 | 3 | 299049 | 10022 | 3 | 51038 | 2593 | 5 | 17284 | 1405 | 8 |
| Land Under Permanent crops | 13568 | 1544 | 11 | 13058 | 1519 | 12 | 361 | 183 | 51 | 149 | 75 | 50 |
| Grazing Land | 124589 | 6924 | 6 | 112563 | 6394 | 6 | 5265 | 723 | 14 | 6761 | 1257 | 19 |
| Fallow Land | 72614 | 4872 | 7 | 69217 | 4795 | 7 | 2081 | 292 | 14 | 1317 | 326 | 25 |
| Woodland | 5516 | 580 | 11 | 5470 | 579 | 11 | 9 | 6 | 67 | 37 | 18 | 50 |
| All Other Land | 15379 | 1184 | 8 | 15046 | 1177 | 8 | 97 | 31 | 32 | 236 | 51 | 22 |
| Holdings Over 10.00 Hectares | | | | | | | | | | | | |
| All | 129071 | 19562 | 15 | 110169 | 18430 | 17 | 13025 | 2086 | 16 | 5876 | 1157 | 20 |
| Land Under Temporary crops | 71207 | 11245 | 16 | 58477 | 10844 | 19 | 8804 | 1419 | 16 | 3927 | 807 | 21 |
| Land Under Permanent crops | 5273 | 2312 | 44 | 5236 | 2309 | 44 | 37 | 33 | 88 | - | - | - |
| Grazing Land | 29786 | 5488 | 18 | 24446 | 4530 | 19 | 3789 | 1204 | 32 | 1551 | 572 | 37 |
| Fallow Land | 15207 | 2933 | 19 | 14596 | 2916 | 20 | 372 | 125 | 33 | 239 | 96 | 40 |
| Woodland | 1725 | 415 | 24 | 1642 | 410 | 25 | 7 | 5 | 76 | 76 | 68 | 90 |
| All Other Land | 5872 | 2073 | 35 | 5772 | 2072 | 36 | 16 | 8 | 50 | 84 | 59 | 71 |

Annex Table 4.4.2 Urban Holdings

| Land Use By Size Of Holding | Area in Hectare | | | Area of Holding In hectare By Tenure Systems | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Land Owned | | | Land Rented | | | Other Tenure | | |
| | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % | Estimate | S.E | C.V In % |
| Holdings Of All Sizes | | | | | | | | | | | | |
| All | 161289 | 2252 | 1 | 118722 | 1656 | 1 | 35050 | 1149 | 3 | 7517 | 296 | 4 |
| Land Under Temporary Crops | 138274 | 2047 | 1 | 96910 | 1394 | 1 | 34110 | 1109 | 3 | 7229 | 294 | 4 |
| Land Under Permanent Crops | 23016 | 929 | 4 | 21811 | 880 | 4 | 940 | 297 | 32 | 288 | 27 | 9 |
| Holdings Under 0.10 Hectares | | | | | | | | | | | | |
| All | 1990 | 20 | 1 | 1846 | 19 | 1 | 98 | 4 | 4 | 46 | 3 | 6 |
| Land Under Temporary Crops | 1052 | 14 | 1 | 931 | 13 | 1 | 83 | 3 | 4 | 38 | 3 | 7 |
| Land Under Permanent Crops | 938 | 11 | 1 | 915 | 11 | 1 | 15 | 1 | 7 | 8 | 1 | 12 |
| Holdings Of 0.10-0.50 Hectares | | | | | | | | | | | | |
| All | 19480 | 140 | 1 | 16020 | 129 | 1 | 2453 | 46 | 2 | 1007 | 30 | 3 |
| Land Under Temporary Crops | 15684 | 123 | 1 | 12370 | 111 | 1 | 2355 | 45 | 2 | 934 | 29 | 3 |
| Land Under Permanent Crops | 3799 | 46 | 1 | 3651 | 45 | 1 | 98 | 7 | 7 | 74 | 8 | 11 |
| Holdings Of 0.51-1.00 Hectares | | | | | | | | | | | | |
| All | 29257 | 273 | 1 | 21850 | 243 | 1 | 5684 | 107 | 2 | 1723 | 57 | 3 |
| Land Under Temporary Crops | 26338 | 258 | 1 | 19098 | 228 | 1 | 5590 | 107 | 2 | 1650 | 55 | 3 |
| Land Under Permanent Crops | 2919 | 59 | 2 | 2752 | 57 | 2 | 94 | 10 | 11 | 74 | 10 | 14 |
| Holdings Of 1.01-2.00 Hectares | | | | | | | | | | | | |
| All | 37840 | 411 | 1 | 26861 | 349 | 1 | 8801 | 175 | 2 | 2178 | 84 | 4 |
| Land Under Temporary Crops | 35036 | 391 | 1 | 24261 | 328 | 1 | 8666 | 174 | 2 | 2109 | 83 | 4 |
| Land Under Permanent Crops | 2804 | 86 | 3 | 2600 | 83 | 3 | 134 | 19 | 14 | 69 | 12 | 17 |
| Holdings Of 2.01-5.00 Hectares | | | | | | | | | | | | |
| All | 35687 | 686 | 2 | 24162 | 479 | 2 | 10202 | 405 | 4 | 1323 | 86 | 6 |
| Land Under Temporary Crops | 33017 | 666 | 2 | 21612 | 452 | 2 | 10132 | 405 | 4 | 1274 | 84 | 7 |
| Land Under Permanent Crops | 2669 | 129 | 5 | 2551 | 126 | 5 | 70 | 19 | 26 | 48 | 17 | 36 |
| Holdings Of 5.01-10.00 Hectares | | | | | | | | | | | | |
| All | 13033 | 953 | 7 | 8710 | 538 | 6 | 4124 | 598 | 15 | 199 | 54 | 27 |
| Land Under Temporary Crops | 10956 | 931 | 9 | 6722 | 500 | 7 | 4051 | 597 | 15 | 183 | 53 | 29 |
| Land Under Permanent Crops | 2077 | 185 | 9 | 1988 | 181 | 9 | 74 | 36 | 48 | 16 | 12 | 75 |
| Holdings Over 10.00 Hectares | | | | | | | | | | | | |
| All | 24002 | 1541 | 6 | 19272 | 1375 | 7 | 3689 | 625 | 17 | 1041 | 260 | 25 |
| Land Under Temporary Crops | 16191 | 1240 | 8 | 11917 | 1067 | 9 | 3234 | 552 | 17 | 1041 | 260 | 25 |
| Land Under Permanent Crops | 7810 | 904 | 12 | 7355 | 854 | 12 | 456 | 294 | 64 | - | - | - |

# CHAPTER V

# AREA AND PRODUCTION OF CROPS AND CROP UTILIZATION

## 1 INTRODUCTION

Ethiopian farming largely produces only enough food for the peasant holder and his family for consumption, leaving little to sell. This inadequate volume of production is ascribed to the tardy progress in the farming methods and scattered pieces of land holdings. Under this traditional sector, agriculture is practiced on public land and most of the produce is mainly for own consumption. The diverse climate of the country and the multiple utilizations of crops have prompted the vast majority of agricultural holders to grow various temporary and permanent crops. Despite the variation in the volume of production, the relative importance and pattern of growth of these crops are largely similar across the country. This similarity is well observed and demonstrated in the statistical tables presented in this report. In some regions of the country there seems to be a shift in choice of crops grown. Sorghum and maize are the grain crops that figure prominently in volume of production in some regions and Teff in others.

There is a general agreement that the performance of an agricultural system should achieve a steady supply of food to the people of a country. But, unless special attention is focused on agriculture its performance can be impeded by vagaries of nature, population growth and scarcity and fragmentation of land, thus, affecting food supply and posing a challenge to the federal and regional governments. This situation calls for an overhaul of the agricultural system in the country or the regions.

In order to have a flourishing agriculture, which sustains reliable food supply, the federal and regional governments have to formulate and implement farm programs that ensure food security. The preparation, execution, monitoring and assessment of these programs entail statistics on agriculture particularly

crop production since it is the prime target that national or regional agricultural policies aim at.

The collection of data on crop production should encompass all crop seasons in the agricultural calendar and farming activities in both rural and urban areas. It should also include the wide range of crops that are grown and embodied in the food security system, which are indispensable for a sustained provision of staple diet and other cash crops like coffee and Chat.

In view of this, crop production data for private peasant holdings for both Meher and Belg seasons in both rural and urban areas were collected in the census to provide the basis for decision making in the process of implementing timely food security measures and to make policy makers aware of the food situation in the country.

Thus, in this chapter the census data on production of temporary /annual crops such as cereals, pulses, oilseeds, vegetables and root crops are presented in Section 2. Production of permanent crops that included fruit crops, stimulant crops and other permanent crops are dealt with in Section 3. Moreover, the utilization of temporary crops as well as permanent crops for various purposes such as household consumption, seed, sale, paying wages in kind ...etc are indicated in Section 4. Furthermore, these census data are also presented for all the weredas in the region. Hence, tables providing these data at wereda level are also given at the end of the chapter. Standard errors and Coefficients of variation for selected variables are provided as an annex to this chapter.

## 2. PRODUCTION OF TEMPORARY / ANNUAL CROPS

The types of temporary crops on which data were collected during the census are those that food security embraces: that is, the crops that are the staple diets in the country. In the statistical tables, these crops have been categorized into five groups for simplicity of description and comparison purposes. The groups are cereals, pulses, oilseeds, vegetables and root crops. The crops

within each group have some similarity, which made the categorization necessary.

**2.1 Cereals**

These are crops that are produced in larger quantity compared to the other crops because they are the principal staple crops and export commodities at times of bumper harvest in the country. Between the months of September 2001 and August 2002 it was learned that 242,794 quintals of cereals worth 106,028,521 Birr was exported from Ethiopia to various countries (CSA, external trade statistics).

Cereals are grown in almost all regions of Ethiopia with notable variation in the extent of areas planted and the volume of production obtained. This variation is seemingly caused by a shift in choice of crops by the holders and difference in weather conditions. The data in Summary Tables V-1 and V-2 reinforce this thought further by giving a highlight on the size of area planted to Teff, maize, sorghum and wheat and volume of production of the same crops harvested in Ethiopia when compared with other crops produced.

Summary Tables V-1 and V-2 show that 81.64% of the country's grain crop area was under cereals and 87.48% of the grain production was that of cereals. Out of all areas under grain in the country, Teff, maize, sorghum and wheat took up 21.54%, 19.33%, 13.58% and 12.38%, yielding 15.83%, 29.47%, 15.11% and 14.17% of the grain production, respectively.

As shown in the statistical tables, the data at country level show that Oromia, Amhara, SNNPR and Tigray Regions added 800 thousand (42.22%), 797 thousand (42.02%), 148 thousand (7.82%) and 130 thousand (6.83%) hectares of the area under Teff and 7.2 million (43.65%), 7.1 million (42.80%), 1 million (6.32%) and 1 million (6.29%) quintals of the production to the total of these crops, respectively. The contribution made by the same regions to the country's maize total was 906 thousand (53.25%), 314 thousand (18.42%),

357 thousand (21.00%), and 58 thousand (3.41%) hectares of the area and 17.5 million (56.54%), 6.5 million (21.15%), 5.1 million (16.43%), and 900 thousand (2.96%) quintals of the production, respectively. A similar pattern is observed in the distribution of area and production of sorghum and wheat in these regions of the country.

**2.2 Pulses**

These crops are essential part of the dietary requirements for most Ethiopians. They also form a significant commodity group of export, earning a considerable amount of foreign exchange for the country and cash for peasant farmers. In 2001/02 (1994 E.C.) between the months of September and August, 1,229,366 quintals of pulses valued at 351,997,759 Birr was exported from Ethiopia to various countries (CSA, external trade statistics). These are some of the grounds for growing various pulses in all regions of the country with varying quantities. There is no doubt that economic benefits can accrue to the country from the production and export of more pulses if the agriculture in Ethiopia is given due attention in this regard.

A view of Summary Tables V-1 and V-2 enables to detect that only 13.38% of the country's grain crop area was under pulses and 10.48% of the grain production consisted of these crops. Of the country's total area under grain crops, 4.26%, 2.34% 2.38% and 2.23% were planted to faba/horse beans, field peas, haricot beans and chickpeas in that order. The production obtained from these crops was 4.31%, 1.48%, 1.45% and 1.77% of the country's total grain production, respectively.

The data in the statistical tables show that in Amhara, Oromia, SNNPR and Tigray Regions 170 thousand (45.37%), 140 thousand (37.40%), 46 thousand (12.94%) and 15 thousand (4.06%) hectares of the country's area under faba/horse beans were planted to this crop and 2.1 million (46.78%), 1.7 million (37.34%), 508 thousand (11.26%), and 200 thousand (4.44%) quintals of the total faba/horse beans production was drawn from these regions,

respectively. The distribution of field peas and chickpeas in these regions is similar to that of faba/horse beans.

The tables also show that more than 98 thousand (46%), 73 thousand (34%) and 30 thousand (14%) hectares of the area under haricot beans and 697 thousand (45%), 593 thousand (39%) and 178 thousand (11%) quintals of the production were added to the country's total by Oromia, SNNPR and Amhara regions in that order.

**2.3 Oilseeds**

These crops are also of paramount importance as a source of cooking oil used to provide the fat required in the food consumed by the residents in the country. Moreover, oil crops have become a major commodity of export, earning a great deal of foreign exchange. Between September 2001 and August 2002, Ethiopia exported 953,088 quintals of oilseeds valued at 351,952,634 Birr (CSA, external trade statistics) signaling that an increase in the production and export of these crops will definitely generate more income to the peasants.

Summary Tables V-1 and V-2 indicate that 4.98% of the country's grain crop area was under oilseeds and 2.04% of the grain production was that of the oil seeds. Of the total area under grain crops in Ethiopia, 2.66% and 1.18% went for Neug and linseed and of the total grain production 0.81% and 0.50% went for these crops in that order.

As indicated in the statistical tables, in Amhara and Oromia Regions, 120 thousand (51.25%) and 94 thousand (40.20%) hectares of the country's area under Nueg were planted to this crop and 451 thousand (53.22%) and 328 thousand (38.63%) quintals of the total Nueg production was also obtained from these regions in that order. The data show that Oromia and Amhara Regions added 73 thousand (70.73%) and 24 thousand (23.39%) hectares of

the area under linseed and 397 thousand (75.50%) and 107 thousand (20.30%) of the linseed production to the country's total in that order.

**2.4 Vegetables**

These crops like fruits are also a good source of nourishment necessary for the healthy growth of humans. Dieticians often advise people to eat more of vegetables for their nutritional values. Vegetables are relatively cheaper and better available than other farm products in urban centers because these crops are usually grown as garden produces sometimes using irrigation. It may be worth to know that a certain amount of foreign exchange is drawn from vegetable exports. For instance between September 2001 - August 2002 Ethiopia exported 61,070 quintals of vegetables worth 11,543,144 Birr to various countries (CSA, external trade statistics). Thus, on the grounds that vegetables are nutritionally and economically important, it is worth expanding vegetable farming.

When one looks at the data in Summary Tables V-1 and V-2 to have a picture of the vegetable production in Ethiopia one realizes that a lot has to be done in this regard. The volume of vegetables produced and the area under vegetables in the country are about 4 million quintals and 91 thousand hectares, respectively. Red peppers and Ethiopian cabbage took up 62.04% and 27.52% of the country's area under vegetables, respectively. The same crops formed 20.71% and 56.38% of the country's volume of vegetable production, in that order.

As shown in the statistical tables, Oromia, SNNP and Amhara Regions made up 35 thousand (38.63%), 33 thousand (36.73%) and 19 thousand (20.87%) hectares of the country's area under vegetables and 1.4 million (36.74%), 1.8 million (48.46%) and 436 thousand (11.60%) quintals of the production, respectively. SNNP and Oromia Regions covered 16 thousand (63.46%) and 8 thousand (32.28%) hectares of the total area under Ethiopian cabbage and 1.4

million (67.89%) and 634 thousand (29.86%) quintals of the production in the country, respectively

**2.5 Root Crops**

Some root crops like onion and garlic are indispensable part of the daily meal of the Ethiopian population. These crops are essential to improve the taste and scent of the food. Potato, which is one of nature's precious gifts, is also very common in the dishes of most Ethiopians. This importance necessitated the growth and production of many of the root crops throughout the year often via the use of irrigation. Root crops are also a good source of cash and foreign exchange for the growers and the country, respectively. In 2001/02 (1994 E.C.), the country has acquired a sum of 22,423,972 million Birr by exporting 120,497 quintals of root crops (CSA, external trade statistics). The economic and nutritional importance of root crops has been a factor for practicing the agriculture in all the regions and growing the crops more than one time in a year.

The data in Summary Tables V-1 and V-2 indicate the root crop situation in Ethiopia. As these tables show, root crops covered more than 265 thousand hectares of land and yielded more than 18 million quintals of produce in the country. Potatoes, sweet potatoes and onion constituted 61.77%, 17.64%, and 7.69% of the country's area under root crops, respectively. These crops formed 50.09%, 20.76%, and 13.7% of the volume of root crop production in the country, in that order. The statistical tables show that Amhra, Oromia and SNNP Regions contributed 71 thousand (43.45%), 54 thousand (32.88%) and 38 thousand (22.93%) hectares of the area under potatoes and 3.4 million (36.09%), 2.3 million (24.35%) and 3.6 million (38.71%) quintals of the production to the country's total, respectively. The area and production distribution of sweet potatoes and onion also figure prominently in Oromia and SNNP Regions.

SUMMARY TABLE V-1 AREA UNDER TEMPORARY CROPS BY CROP TYPE
FOR PRIVATE PEASANT HOLDINGS

ETHIOPIA

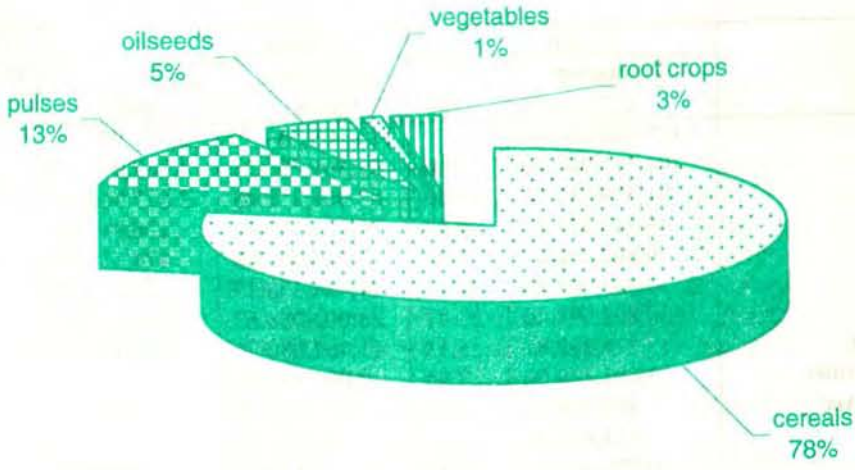
| Crop | All | | Rural | | Urban |
|---|---|---|---|---|---|
| | | | Area (HA) | | Area (HA) |
| | Area (HA) | % | Meher | Belg | Meher |
| All | 9,160,103.69 | | 7,998,635.40 | 1,024,548.55 | 136,919.74 |
| Grain Crops | 8,803,764.86 | 100.00 | 7,813,021.38 | 859,005.16 | 131,738.32 |
| Cereals | 7,187,389.92 | 81.64 | 6,370,105.57 | 704,769.95 | 112,514.40 |
| Teff | 1,895,949.96 | 21.54 | 1,818,374.64 | 49,868.14 | 27,707.18 |
| Barley | 965,676.52 | 10.97 | 771,514.77 | 183,721.06 | 10,440.70 |
| Wheat | 1,089,778.91 | 12.38 | 1,004,999.97 | 60,710.97 | 24,067.97 |
| Maize | 1,702,036.13 | 19.33 | 1,323,037.53 | 351,190.89 | 27,807.71 |
| Sorghum | 1,195,199.59 | 13.58 | 1,132,495.63 | 44,458.18 | 18,245.78 |
| Finger Millet | 286,089.90 | 3.25 | 281,455.23 | 1,271.14 | 3,363.53 |
| Oats / "Aja" | 44,186.39 | 0.50 | 29,862.96 | 13,547.87 | 775.56 |
| Rice | 8,472.51 | 0.10 | 8,364.84 | * | 105.97 |
| Pulses | 1,178,207.23 | 13.38 | 1,016,786.04 | 150,119.66 | 11,301.54 |
| Faba/Horse beans | 374,997.20 | 4.26 | 369,150.83 | 2,519.19 | 3,327.18 |
| Field peas | 205,683.10 | 2.34 | 175,221.80 | 28,803.20 | 1,658.10 |
| Haricot beans | 209,534.89 | 2.38 | 119,879.32 | 86,892.03 | 2,763.54 |
| Chick – peas | 196,439.85 | 2.23 | 184,800.88 | 10,180.12 | 1,458.84 |
| Lentils | 76,106.80 | 0.86 | 60,138.28 | 15,305.62 | 662.90 |
| Grass peas/Vetch | 86,016.13 | 0.98 | 83,522.59 | 1,463.12 | 1,030.42 |
| Soya beans | 1,896.34 | 0.02 | 1,769.47 | 32.40 | 94.47 |
| Fenugreek | 20,239.20 | 0.23 | 15,050.50 | 4,914.88 | 273.82 |
| Gibto. | 7,293.70 | 0.08 | 7,252.36 | 9.08 | * |
| Oilseeds | 438,167.70 | 4.98 | 426,129.77 | 4,115.55 | 7,922.38 |
| Neug. | 234,197.74 | 2.66 | 232,201.06 | 58.81 | 1,937.87 |
| Linseed | 103,622.04 | 1.18 | 98,595.71 | 3,480.40 | 1,545.93 |
| Groundnuts | 16,927.79 | 0.19 | 16,034.73 | 445.21 | 447.85 |
| Safflower | 5,562.18 | 0.06 | 5,474.33 | 75.84 | 12.00 |
| Sesame | 62,747.81 | 0.71 | 58,780.38 | 54.96 | 3,912.47 |
| Rapeseed | 15,110.15 | 0.17 | 15,043.55 | 0.33 | * |
| Vegetables | 90,584.55 | 100.00 | 74,986.19 | 13,613.68 | 1,984.68 |
| Lettuce | 248.01 | 0.27 | 127.97 | 84.83 | 35.21 |
| Head cabbage | 991.28 | 1.09 | 563.79 | 400.89 | 26.60 |
| Ethiopian cabbage | 24,928.13 | 27.52 | 14,528.37 | 9,869.80 | 529.95 |
| Tomatoes | 3,300.55 | 3.64 | 1,545.39 | 1,489.87 | 265.29 |
| Green peppers | 4,672.74 | 5.16 | 3,728.00 | 904.90 | 39.83 |
| Red peppers | 56,202.62 | 62.04 | 54,376.32 | 821.81 | 1,004.49 |
| Swiss chard | 241.22 | 0.27 | 116.34 | 41.57 | * |
| Root Crops | 265,754.27 | 100.00 | 110,627.84 | 151,929.70 | 3,196.73 |
| Beetroot | 686.56 | 0.26 | 404.98 | 263.89 | 17.69 |
| Carrot | 1,037.84 | 0.39 | 578.23 | 248.87 | * |
| Onion | 20,443.92 | 7.69 | 10,488.50 | 9,298.64 | 656.78 |
| Potatoes | 164,145.90 | 61.77 | 36,735.89 | 126,118.27 | 1,291.74 |
| Garlic | 6,042.32 | 2.27 | 4,801.98 | 1,182.70 | 57.64 |
| Taro / "Godere" | 26,506.36 | 9.97 | 23,590.91 | 2,501.40 | 414.05 |
| Sweet potatoes | 46,891.37 | 17.64 | 34,027.35 | 12,315.95 | 548.08 |

SUMMARY TABLE V-2 PRODUCTION OF TEMPORARY CROPS BY CROP TYPE
FOR PRIVATE PEASANT HOLDINGS

ETHIOPIA

| Crop | All | | Rural | | Urban |
|---|---|---|---|---|---|
| | Production (QT) | % | Production (QT) | | Production (QT) |
| | | | Meher | Belg | Meher |
| All | 127,248,858.34 | | 113,609,244.79 | 12,527,031.05 | 1,112,582.50 |
| Grain Crops | 104,713,967.36 | 100 | 99,361,780.58 | 4,367,027.11 | 985,159.67 |
| Cereals | 91,599,717.74 | 87.48 | 87,068,276.48 | 3,627,962.86 | 903,478.40 |
| Teff | 16,573,328.83 | 15.83 | 16,273,155.41 | 176,917.65 | 123,255.77 |
| Barley | 9,867,354.61 | 9.42 | 9,319,063.03 | 474,815.04 | 73,476.53 |
| Wheat | 14,837,367.43 | 14.17 | 14,444,338.17 | 165,083.14 | 227,946.12 |
| Maize | 30,862,098.40 | 29.47 | 28,002,088.67 | 2,516,350.28 | 343,659.45 |
| Sorghum | 15,826,272.81 | 15.11 | 15,462,080.76 | 253,470.09 | 110,721.96 |
| Finger Millet | 3,091,170.06 | 2.95 | 3,061,837.96 | * | 20,115.31 |
| Oats / "Aja" | 387,124.54 | 0.37 | 351,592.09 | 32,109.86 | 3,422.59 |
| Rice | 155,001.05 | 0.15 | 154,120.38 | - | 880.67 |
| Pulses | 10,976,090.31 | 10.48 | 10,212,146.69 | 715,457.83 | 48,485.79 |
| Faba/Horse beans | 4,514,252.26 | 4.31 | 4,470,626.42 | 26,505.42 | 17,120.42 |
| Field peas | 1,548,666.50 | 1.48 | 1,472,697.31 | 69,794.19 | 6,175.01 |
| Haricot beans | 1,521,660.62 | 1.45 | 986,737.89 | 525,845.51 | 9,077.21 |
| Chick – peas | 1,856,271.78 | 1.77 | 1,798,213.35 | 51,123.96 | 6,934.47 |
| Lentils | 416,200.87 | 0.4 | 384,296.02 | 30,312.72 | 1,592.13 |
| Grass peas/Vetch | 936,000.22 | 0.89 | 923,390.71 | * | 6,156.54 |
| Soya beans | 16716.76 | 0.02 | 16,205.36 | * | * |
| Fenugreek | 106,553.74 | 0.1 | 100,265.85 | 5,420.33 | 867.56 |
| Gibto | 59,767.55 | 0.06 | 59,713.77 | * | 53.24 |
| Oilseeds | 2,138,159.32 | 2.04 | 2,081,357.42 | * | 33,195.48 |
| Neug. | 848,023.38 | 0.81 | 841,896.10 | * | 5,939.03 |
| Linseed | 526,166.90 | 0.5 | 510,517.50 | * | 5,253.12 |
| Groundnuts | 141776.33 | 0.14 | 132,851.27 | * | 4,461.73 |
| Safflower | 46,180.97 | 0.04 | 37,662.28 | * | 11.11 |
| Sesame | 406,471.52 | 0.39 | 388,995.54 | * | 17,425.92 |
| Rapeseed | 169,540.22 | 0.16 | 169,434.72 | * | 104.58 |
| Vegetables | 3,763,778.48 | 100 | 2,886,097.27 | 840,151.84 | 37,529.37 |
| Lettuce | 13,868.86 | 0.37 | 11,409.99 | 1,961.33 | 497.54 |
| Head cabbage | 72,078.80 | 1.92 | 65,814.97 | 5,300.31 | 963.52 |
| Ethiopian cabbage | 2,121,866.03 | 56.38 | 1,436,803.67 | 673,472.20 | 11,590.15 |
| Tomatoes | 347,277.48 | 9.23 | 230,551.54 | * | 12,880.17 |
| Green peppers | 417,165.08 | 11.08 | 360,388.78 | 53,601.86 | * |
| Red peppers | 779,624.94 | 20.71 | 770,349.38 | 1,779.15 | 7,496.41 |
| Swiss chard | 11,897.32 | 0.32 | 10,778.93 | 191.23 | 927.16 |
| Root Crops | 18,771,112.49 | 100 | 11,361,366.94 | 7,319,852.10 | 89,893.46 |
| Beetroot | 55,406.34 | 0.3 | 52,300.76 | 2,129.21 | * |
| Carrot | 76,881.51 | 0.41 | 70,197.07 | 2,550.89 | 4,133.54 |
| Onion | 2,572,052.63 | 13.7 | 1,404,568.79 | * | 22,412.72 |
| Potatoes | 9,402,087.53 | 50.09 | 3,852,580.65 | 5,520,924.47 | 28,582.41 |
| Garlic | 794,211.09 | 4.23 | 704,707.36 | 87,078.71 | * |
| Taro / "Godere" | 1,974,349.1 | 10.52 | 1,885,508.45 | 75,014.01 | 13,826.64 |
| Sweet potatoes | 3,896,124.30 | 20.76 | 3,391,503.85 | 487,083.70 | 17,536.75 |

## Fig.V-1 Area Under Temporary Crops




## Fig.V-2 Production of Temporary Crops

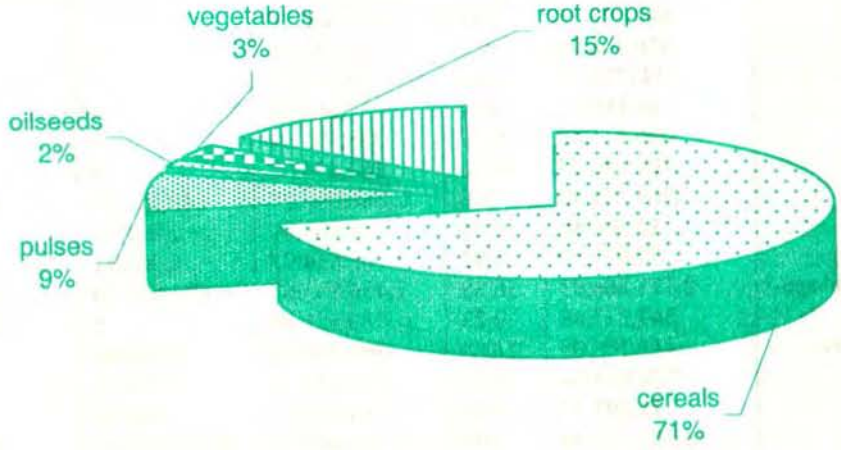
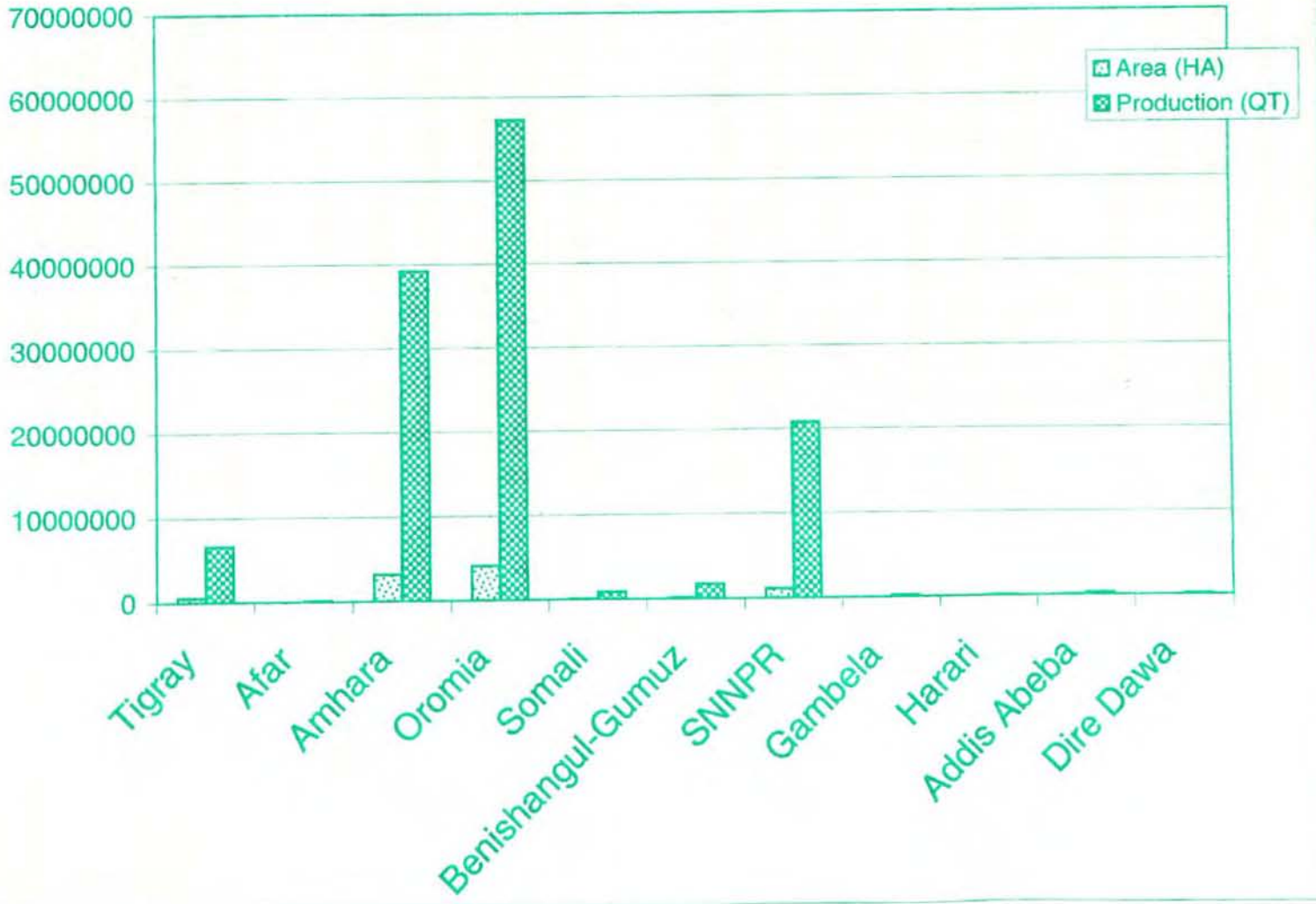


**Fig. V-3 Area and Production of Temporary Crops for Private Peasant Holdings**



## 3. PRODUCTION OF PERMANENT CROPS

Permanent crops are long term crops that occupy the field planted for a long period of time and largely harvested every year and do not have to be replanted for several years after each harvest. These include tree crops such as coffee, Enset, Chat, oranges, mangoes, bananas, papayas, avocados... etc. The trees that yield fruits like oranges, mangoes, papayas, apples and others are also known as fruit trees.

Permanent crops are a good source of cash both for the holders and the country generating handsome income and foreign exchange at the best of times. For instance, between September 2001 and August 2002 Ethiopia exported 53,142 quintals of fruits and nuts and 91,705 quintals of Chat valued at 16.5 and 426.7 million Birr, respectively, (CSA, external trade statistics). With these bits of information and the dietary and economic importance of the crops in mind, it is not difficult to project the profits that can be reaped from the permanent crops if the farming in this regard is well developed and managed.

Fruits are not only a source of cash but are also a reliable source of nutrition that is essential for the health and growth of humans. There has even been an oft-repeated advice from health authorities that we should include fruits in our daily meals to make it nutritious. The two points made on the importance of permanent crops underscore the fact that fruit farming should be encouraged and expanded to have a steady supply of the desired products.

It is possible to conjecture that permanent crops in Ethiopia are not as well developed as they are in other countries. But the potential to develop them is great as Ethiopia is blessed with diverse climate conditions conducive to these crops. In order to direct efforts towards the development of permanent crops, one requires statistical data regarding this sector of the agriculture. Adequate data on type and volume of production, area under permanent crops and their distribution have not been available.

Hence, to bridge up this gap and alleviate the chagrin to data users the CSA has collected data on permanent crops.

Prior to the census, the CSA surveyed the situation about permanent crops in the country and then decided on the types of permanent crops, range of data items to be included in the census questionnaire and method of enumeration to be adapted in the census. Hence, only major permanent crops were covered during the census. Data on the types of crops were collected by interviewing the holder while area and yield data were recorded by objective measurements. The numbers of Enset, Hops (Gesho) and fruit trees with the exception of pineapple were determined by counting the plants excluding seedlings.

In estimating the production of permanent crops, area, yield per unit area, yield per tree and number of fruit bearing trees are essential ingredients. These inputs were determined by physically measuring the area under crops in question, picking fruits, coffee berries and Chat produce from randomly demarcated plots or selected trees. The method involved crop cutting from small plots of rectangular shape of different sizes randomly placed in the selected crop field and a tree of fruit bearing age selected from all fruit bearing trees for each crop type and (for some specific crops like coffee, etc. subsequent husking and drying) weighing and recording the weight of the harvest of permanent crops. The crop cutting was performed for a sub-sample of 20 households of the 30 households selected in each enumeration area. A 4m X 4m plot was demarcated for coffee and Chat and a 2m X 2m for pineapple and 1m X 1m plot for sugar cane were designated for the crop cutting exercise. The yields harvested from these plots and trees were immediately weighed (green weight) and/or weighed again after two weeks of drying to conform to the normal holder harvesting and drying practices. The coffee weight registered was that of clean coffee beans and the hops (Gesho) weight taken was that of the dry one. The green and dry weights were recorded on the appropriate forms.

For simplicity of description of the statistical tables and comparison purposes, permanent crops have been grouped into three categories. Each category has a semblance of similarity, which necessitated the categorization. The categories are fruit crops, stimulant crops and other permanent crops. These categories include only permanent crops on which yield data have been collected.

### 3.1. Fruit Crops

Various kinds of fruit crops grow in different regions of the country yielding varying quantities of fruits within the private peasant holdings in the traditional way. There are also a few fruit farms that are run by enterprises in the modern way. The volume of fruit production obtained from the peasant farms is small signalling the absence of development in fruit farming. A look at the tables helps to crystallize this point.

As the data in Summary Table V-3 shows, less than half a million hectares of land is under permanent crops in Ethiopia. Fruit crops constituted more than 8% of the permanent crop area yielding more than 2 million quintals of fruits. Bananas, mangoes and papayas shared 59.65%, 10.85% and 8.11% of the land under fruit crop and 61.01%, 10.42% and 12.09% of the fruit production, in that order.

The statistical tables show that SNNPR and Oromia Regions shared about 17 thousand (46.07%) and 15 thousand (40.80%) hectares of the country's total area under fruit crops, respectively. More than one million quintals (50.00%) and 826 thousand quintals (40.00%) of the country's total fruit production went for SNNPR and Oromia Regions, in that order. It is also indicated that more than 700 thousand (57%) and 500 thousand (38%) quintals of the country's total bananas was produced in SNNPR and Oromia Regions, respectively.

### 3.2. Stimulant Crops

This category embraces cash crops like coffee and Chat, which are extensively grown in many parts of the country. It is needless work to verify by quoting statistical

evidences that coffee is a major foreign exchange earner. It may not be even surprising to hear that Chat farming is becoming a rapidly expanding phenomenon in Ethiopia because of its economic importance. As the census covered a wide range of crops, the statistics on Chat would perhaps be more tantalizing than the others. The data in Summary Table V-3 shows the situation in which Chat, coffee, and hops (Gesho) are found in the country.

The data in Summary Table V-3 demonstrates that most of the country's permanent crop area (more than a third of a million hectares) is under stimulant crops. Of the total area under stimulant crops in the country, 68.73% is that of coffee resulting in 61.05% of the volume of stimulant crop production. More than 26% of the country's stimulant crop area was that of Chat resulting in 29.67% of the volume of production.

As the statistical tables show, about 250 thousand (66.30%) and 9 thousand (24.32%) hectares of the country's total stimulant crop area were shared between Oromia and SNNP Regions, respectively.

The statistical tables also indicate that more than175 thousand (68.25%) and about 71 thousand (27.62%) hectares of the country's area under coffee and about 1.2 million (69.52%) and nearly 500 thousand (28.28%) quintals of the country's coffee production were contributed by Oromia and SNNP Regions, in that order. The tables also show that Oromia and SNNP regions added more than 67 thousand (68.82%) and about 18 thousand (18.32%) hectares and about 452 thousand (55.82%) and 207 thousand (25.54%) quintals to the country's total area under Chat and production of these crops, respectively.

### 3.3. Other Permanent Crops

This group includes sugar cane on which yield data have been collected. Though, sugar cane is an industrial crop, it looks that it is not widely grown by the private peasant holders, as the statistics seem to indicate. It is produced on a small scale by

private peasant holders in some pockets of the country and usually does not end up in sugar cane processing plants. The sugar factories in Ethiopia run extensive sugar cane plantations. As the statistics indicate 810,194 quintals of sugar worth 116,268,174 Birr was exported between September 2001 and August 2002 (CSA, external trade statistics).

The data in Summary Table V-3 seem to indicate that peasant farmers also grow some sugar cane in Ethiopia. More than 13 thousand hectares of land was under sugar cane yielding nearly a million quintals of this crop.

The statistical tables indicate that more than 6 thousand (51.35%) and 5 thousand (39.55%) hectares of the area and about 470 thousand (47.34%) and 502 thousand (50.71%) quintals of the production were added by SNNPR and Oromia Regions to the country's total sugar cane production, respectively.

SUMMARY TABLE V- 3 AREA AND PRODUCTION OF PERMANENT CROPS BY CROP TYPE
FOR PRIVATE PEASANT HOLDINGS

ETHIOPIA

| Crop type | All | | | | Rural | | Urban | |
|---|---|---|---|---|---|---|---|---|
| | Area in Crop (HA) | % | Production (QT) | % | Area in Crop (HA) | Production (QT) | Area in Crop (HA) | Production (QT) |
| All | 423,044.98 | | | | 404,715.40 | | 18,329.48 | |
| Fruit Crops | 36,780.09 | 100.00 | 2,041,517.30 | 100.00 | 34,582.20 | 1,907,352.04 | 2,197.89 | 134,165.26 |
| Avocados | 2,918.51 | 7.94 | 147,159.79 | 7.21 | 2,413.96 | 138,884.83 | 504.55 | 8,275.24 |
| Bananas | 21,937.59 | 59.65 | 1,245,615.60 | 61.01 | 21,267.78 | 1,223,719.99 | 669.80 | 21,895.62 |
| Guavas | 1,426.38 | 3.88 | 19,399.76 | 0.95 | 1,223.70 | 16,581.81 | 202.68 | 2,817.95 |
| Lemons | 796.28 | 2.16 | 12,021.39 | 0.59 | 748.60 | 11,715.70 | 47.68 | 305.69 |
| Mangoes | 3,989.06 | 10.85 | 212,750.25 | 10.42 | 3,641.76 | 198,032.95 | 347.30 | 14,715.42 |
| Oranges | 2,558.95 | 6.96 | 154,624.72 | 7.57 | 2,402.16 | 132,504.11 | 156.79 | 22,120.61 |
| Papayas | 2,981.41 | 8.11 | 246,890.10 | 12.09 | 2,713.48 | 182,959.24 | 267.93 | 63,930.86 |
| Pineapples | 171.24 | 0.47 | * | * | 170.15 | * | 1.17 | * |
| Stimulant Crops | 373,247.50 | 100.00 | 2,728,671.58 | 100.00 | 358,348.52 | 2,614,778.23 | 14,898.98 | 113,893.35 |
| Chat | 97,604.39 | 26.15 | 809,497.09 | 29.67 | 96,066.25 | 796,520.04 | 1,538.14 | 12,977.05 |
| Coffee | 256,545.44 | 68.73 | 1,665,790.86 | 61.05 | 243,833.97 | 1,571,752.65 | 12,711.47 | 94,038.22 |
| Hops | 19,097.68 | 5.12 | 253,383.63 | 9.29 | 18,448.31 | 246,505.54 | 649.37 | 6,878.08 |
| Other Permanent | 13,007.43 | 100.00 | 990,790.03 | 100.00 | 11,774.83 | 783,802.92 | 1,232.61 | 206,987.10 |
| Sugar cane | 13,007.43 | 100.00 | 990,790.03 | 100.00 | 11,774.83 | 783,802.92 | 1,232.61 | 206,987.10 |

Fig.V-4 Area Under Permanent Crops

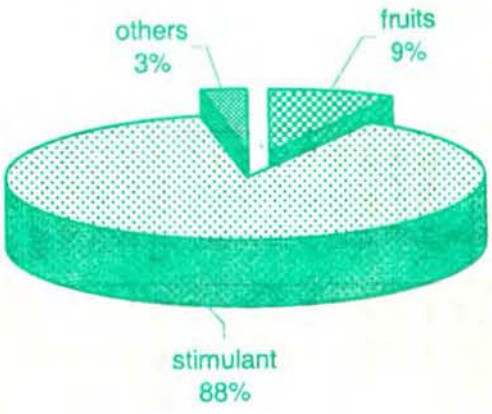
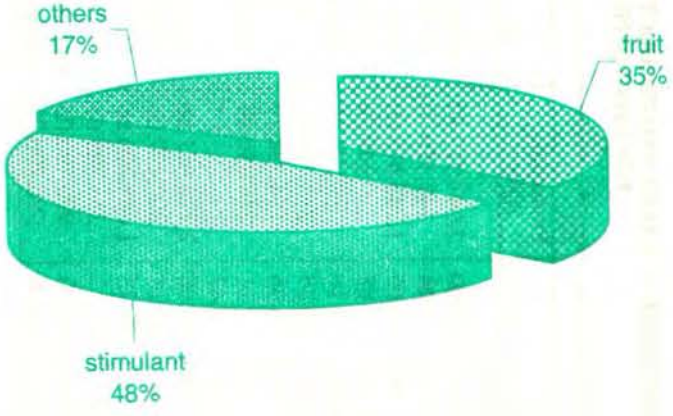
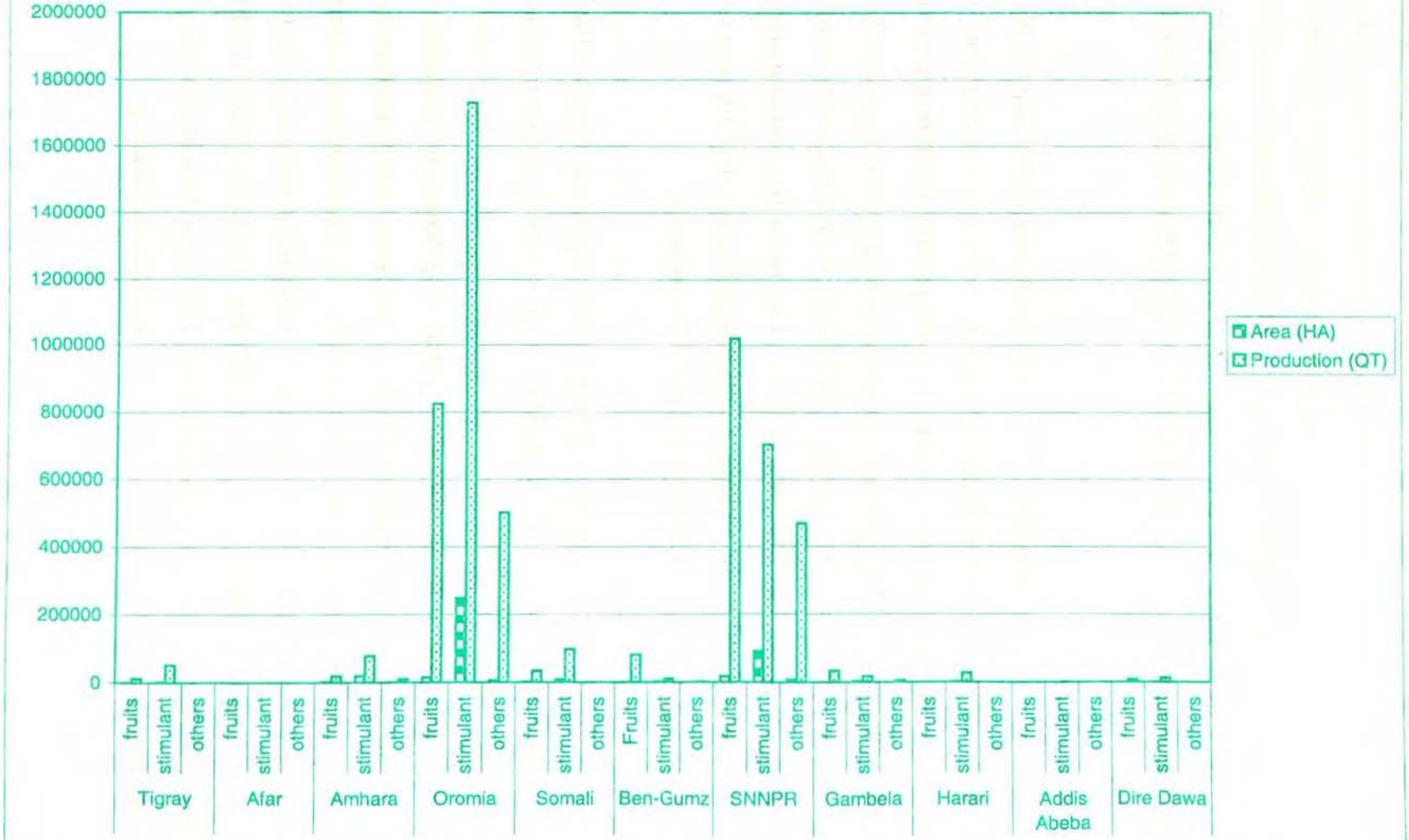



Fig V-5 Production of Permanent Crops



## Fig. V-6 Area and Production of Permanent Crops



## 4. CROP UTILIZATION

Agriculture is the livelihood of the overwhelming majority of Ethiopians. It is the source of food and cash for those who are engaged in it and others. Most agricultural holders acquire the food they consume and the cash they need to cover other expenses only from farming activities. Since farming in Ethiopia is often precarious and usually at the mercy of nature, it is invariably an arduous struggle for the holders to make ends meet. This, it often transpires, is true to the frequent shortfalls in the volume of production that occur in the country.

It is often said that what most Ethiopian agricultural holders produce is only enough to live, hand to mouth. This would be better said if it was statistically substantiated. There is plenty of information on the volume of crops produced within the private peasant holdings. But there is hardly any information on how the peasants utilize the crops they produce which will be indicative of the fact whether the holders have enough or little to sell in order to meet other expenses of living. For use in the census undertaking, crop utilization was defined as the amount of agricultural produce used for own consumption, sale, seed, and wages in kind, animal feed and other purposes.

In light of this information gap, the CSA has collected some data on how the holders use their agricultural produce in the agricultural year to provide some information on the subject. The data on crop utilization were collected by interviewing the holders. Thus, the holders were asked to quantify their yearly crop utilization experience in percent based on common practice. Summary Table V-4 conveys this information to shed some light on how the holders utilize their crop produce. This information was sought for each crop type produced during the census year. The resulting data may help users to have some idea about crop usages by agricultural holders. In order to detect the differences in utilization of the various crops in the country, it is better to look into the data by group of crops as categorized in the summary tables for simplicity and analogy.

Needless to say, as the data in Summary Table V-4 points out, most of the cereal crops produced were used for household consumption. In Ethiopia nearly 67% of the cereals produced were used for household consumption. About 16% was used for sale and nearly 13% for seed. The remaining 4% of the cereals produced was used for other purposes like paying wages in kind, animal feed, etc. When the utilization of crop at country level is considered by crop type, it is easy to realize that between 57% and 76% of the crops in the cereals group were used for own consumption and between 9% and 26% of these crops were used for sale. Moreover, between 9% and 19% of the cereal crops were used for seed. The statistical tables show similar pattern of cereal crop utilization to that of the country in the regions.

The pattern of utilization of pulses isn't much different either. As shown in Summary Table V-4 61% of pulses were used for household consumption, 14% for seed and about 22% for sale. The remaining 3% of pulses were used for paying wages in kind, animal feed and others. Considering utilization by crop type within the pulses group, between 32% and 70% of the crops were utilized for household consumption and 15% - 53% of these crops were sold in 2001/02 (1994 E.C.). Moreover, between 10% and 18% of these crops in the pulses group were also used for seed in the same year. The distribution of the utilization of pulses by region is shown in the statistical tables and is more or less the same as the country.

The pattern of oilseeds utilization in the country is distinctly different from that of cereals and pulses as portrayed in Summary Table V-4. The data shows that more than 54%, 34% and about 10% were used for sale, household consumption and seed, respectively. Considering utilization by crop type into account, between 23% and 65% of each crop type in the oilseeds category were used for household consumption, between 25% and 66% for sale and 6-13% for seed. It may reasonably be summed up that more of the oilseeds produced are used for sale or as cash crops. Most of the regions show the same

picture as the country and few regions consumed more of the oilseeds as indicated in the statistical tables.

The percentage of vegetables consumed at home at country level is even more than that of cereals and pulses. Thus, more than 73% and 23% of the vegetables produced were used for household consumption and sale, respectively. The remaining 4% were used for seed, paying wages in kind, animal feed and others. The percent used by crop type within the vegetable group were 29% - 83% for household consumption, 13% - 67% for sale. For details, see Summary Table V-4. The regional pattern of vegetable utilization is found out to be about the same as the country in most of the regions as demonstrated in the statistical tables.

The utilization of root crop production at country level is not different from pulses and other crops as indicated by the data in the Summary Table V-4. More than 63% of the root crops were used for household consumption, 22% for sale and about 13% for seed. The ranges of percent utilized by crop type within the root crops category fall between 26% - 82% for consumption, 6-72% for sale and 1-17% for seed. The statistical tables show that root crop utilization in most of the regions is not different from that of the country.

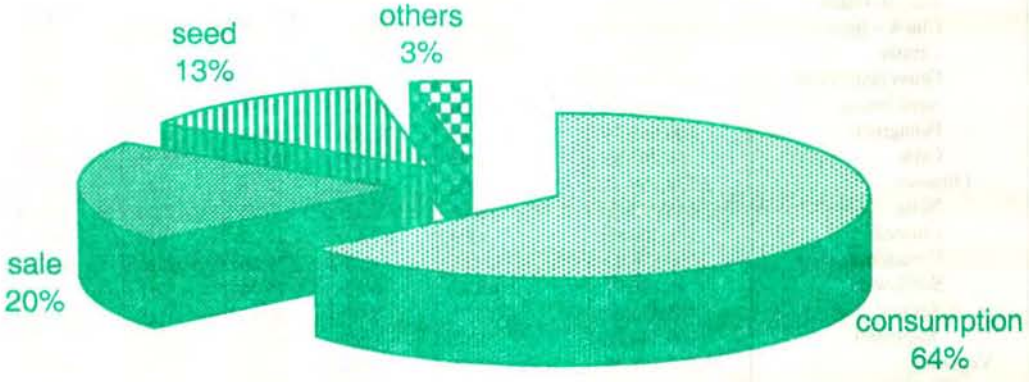
The census data reveals that about half of the permanent crops produced in Ethiopia were used for sale and the remaining for household consumption and other purposes. Thus, 51% of the crop was sold and 44% was consumed at home. The utilization by crop type within the permanent crop group ranges between 31% and 72% for household consumption and between 24% and 63% for sale. Permanent crop utilization by region is mainly similar to the country's pattern as shown in the statistical tables. In general, it is rational to conclude by looking at Summary Table V-4 that the peasant farmers consume most of what they produce leaving little to sell. (For overall utilization by purpose see figure V-7).

SUMMARY TABLE V-4 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ETHIOPIA

| Type of Crop | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Grain Crops | 104,713,967.36 | 63.7 | 12.89 | 20.4 | 0.01 | 0.61 | 2.38 |
| Cereals | 91,599,717.74 | 66.94 | 12.67 | 15.7 | 1.25 | 0.69 | 2.75 |
| Teff | 16,573,328.83 | 56.52 | 13.26 | 25.77 | 1.69 | 0.11 | 2.65 |
| Barley | 9,867,354.61 | 65.99 | 18.15 | 10.82 | 0.98 | 1.13 | 2.92 |
| Wheat | 14,837,367.43 | 59.27 | 17.05 | 19.54 | 1.05 | 0.28 | 2.82 |
| Maize | 30,862,098.40 | 76.03 | 8.67 | 10.88 | 0.92 | 1.03 | 2.48 |
| Sorghum | 15,826,272.81 | 74.23 | 9.18 | 11.47 | 1.17 | 0.94 | 3.02 |
| Finger millet | 3,091,170.06 | 69.12 | 10.39 | 13.19 | 3.25 | 0.45 | 3.6 |
| Oats "Aja" | 387,124.54 | 67.88 | 19.02 | 9.15 | 0.62 | 1.83 | 1.51 |
| Rice | 155,001.05 | 64.56 | 12.25 | 19.41 | 2.2 | 0.04 | 1.53 |
| Pulses | 10,976,090.31 | 61 | 14.37 | 21.57 | 0.95 | 0.51 | 1.6 |
| Faba/Horse beans | 4,514,252.26 | 67.8 | 14.47 | 14.72 | 1.02 | 0.1 | 1.88 |
| Field peas | 1,548,666.50 | 60.61 | 15.86 | 20.71 | 1.05 | 0.09 | 1.69 |
| Haricot beans | 1,521,660.62 | 69.87 | 9.61 | 18.75 | 0.42 | 0.25 | 1.11 |
| Chick – peas | 1,856,271.78 | 53.96 | 15.47 | 27.11 | 1.6 | 0.16 | 1.71 |
| Lentils | 416,200.87 | 47.44 | 17.73 | 33.01 | 0.53 | 0.18 | 1.11 |
| Grass peas/Vetch | 936,000.22 | 52.25 | 15.12 | 25.84 | 0.98 | 4.01 | 1.81 |
| Soya beans | 16716.76 | 68.09 | 12.57 | 18.56 | 0.67 | - | 0.11 |
| Fenugreek | 106,553.74 | 31.88 | 14.52 | 52.74 | 0.21 | 0.25 | 0.41 |
| Gibto | 59,767.55 | 64.99 | 12.49 | 19.36 | 2.39 | 0.06 | 0.7 |
| Oilseeds | 2,138,159.32 | 33.92 | 9.92 | 53.76 | 1.42 | 0.07 | 0.91 |
| Neug | 848,023.38 | 22.64 | 8.57 | 65.6 | 2.29 | 0.06 | 0.83 |
| Linseed | 526,166.90 | 43.9 | 13.17 | 41.27 | 0.73 | 0.08 | 0.85 |
| Groundnuts | 141776.33 | 25.31 | 12.5 | 59.26 | 1.13 | 0.01 | 1.79 |
| Safflower | 46,180.97 | 65.47 | 6.22 | 25.24 | 1.31 | 0.3 | 1.46 |
| Sesame | 406,471.52 | 32.31 | 8.02 | 57.66 | 1.18 | 0.06 | 0.78 |
| Rapeseed | 169,540.22 | 43.3 | 8.55 | 46.51 | 0.61 | 0.05 | 0.99 |
| Vegetables | 3,763,778.48 | 73.01 | 1.3 | 23.26 | 0.48 | 0.07 | 1.88 |
| Lettuce | 13,868.86 | 47.16 | 2.05 | 46.83 | 0.04 | 2.81 | 1.11 |
| Head cabbage | 72,078.80 | 48.36 | 0.24 | 48.56 | 0.05 | 1.1 | 1.69 |
| Ethiopian cabbage | 2,121,866.03 | 83.06 | 0.86 | 13.48 | 0.23 | 0.09 | 2.29 |
| Tomatoes | 347,277.48 | 29.44 | 1.5 | 66.71 | 0.31 | 0.01 | 2.03 |
| Green peppers | 417,165.08 | 77.63 | 1.21 | 19.27 | 0.09 | * | 1.8 |
| Red peppers | 779,624.94 | 61.35 | 1.95 | 34.36 | 0.96 | 0.01 | 1.38 |
| Swiss chard | 11,897.32 | 73.2 | 0.63 | 24.29 | 0.03 | 0.03 | 1.83 |
| Root Crops | 18,771,112.49 | 63.04 | 13.41 | 21.97 | 0.35 | 0.08 | 1.14 |
| Beetroot | 55,406.34 | 54.5 | 0.45 | 43.46 | 0.03 | 0.26 | 1.3 |
| Carrot | 76,881.51 | 26.03 | 0.31 | 72.25 | 0.09 | 0.08 | 1.24 |
| Onion | 2,572,052.63 | 39.49 | 10.42 | 48.48 | 0.46 | 0.01 | 1.14 |
| Potatoes | 9,402,087.53 | 66 | 17.41 | 15.13 | 0.43 | 0.07 | 0.96 |
| Garlic | 794,211.09 | 64.57 | 11.79 | 22.46 | 0.2 | 0.02 | 0.95 |
| Taro / 'Godere' | 1,974,349.1 | 77.35 | 14.23 | 6.47 | 0.27 | 0.14 | 1.54 |
| Sweet potatoes | 3,896,124.30 | 81.52 | 0.64 | 10.98 | 0.39 | 4.47 | 1.99 |
| Permanent crops | 5,760,984.05 | 44.43 | 0.59 | 50.72 | 0.4 | 0.54 | 3.31 |
| Avocados | 147,159.79 | 46.73 | 0.45 | 49.89 | 0.19 | 0.04 | 2.7 |
| Bananas | 1,245,615.60 | 48.12 | 0.5 | 48.92 | 0.11 | 0.31 | 2.03 |
| Guavas | 19,399.76 | 56.88 | 0.38 | 34.84 | 0.25 | 0.36 | 7.28 |
| Lemons | 12,021.39 | 31.42 | 0.72 | 62.38 | 0.19 | 0.03 | 5.26 |
| Mangoes | 212,750.25 | 54.61 | 0.29 | 40.22 | 0.15 | 0.02 | 4.7 |
| Oranges | 154,624.72 | 46.53 | 0.35 | 48.82 | 0.18 | 0.07 | 4.05 |
| Papayas | 246,890.10 | 71.87 | 0.27 | 24 | 0.13 | 0.1 | 3.63 |
| Pineapples | * | 43.53 | 0.03 | 53.93 | * | 0.15 | 2.36 |
| Chat | 809,497.09 | 31.16 | 0.56 | 62.83 | 0.34 | 0.04 | 5.06 |
| Coffee | 1,665,790.86 | 37.94 | 0.6 | 58.56 | 0.91 | 0.03 | 1.96 |
| Hops (Gesho) | 253,383.63 | 56.72 | 0.73 | 38.36 | 0.18 | * | 4 |
| Sugar cane | 990,790.03 | 38.32 | 1.05 | 48.96 | 0.18 | 8.04 | 3.43 |

## Fig. V-7 Percent of Grain Crops Utilized



# STATISTICAL TABLES PRESENTING RESULTS AT COUNTRY AND REGIONAL LEVELS

**Tables 5.1-5.29**

TABLE 5.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

ETHIOPIA

| Crop | Number of Holders | Area | | Production | | Yield |
|---|---|---|---|---|---|---|
| | | Hectares | % | Quintals | % | QT / HA |
| TOTAL | 9,948,133 | 7,998,635.40 | | 113,609,244.79 | | |
| Grain Crops | 9,600,923 | 7,813,021.38 | 100.00 | 99,361,780.58 | 100 | |
| Cereals | 9,340,197 | 6,370,105.57 | 81.53 | 87,068,276.48 | 87.63 | |
| Teff | 4,438,978 | 1,818,374.64 | 23.27 | 16,273,155.41 | 16.38 | 8.95 |
| Barley | 3,201,657 | 771,514.77 | 9.87 | 9,319,063.03 | 9.38 | 12.08 |
| Wheat | 3,160,258 | 1,004,999.97 | 12.86 | 14,444,338.17 | 14.54 | 14.37 |
| Maize | 5,785,735 | 1,323,037.53 | 16.93 | 28,002,088.67 | 28.18 | 21.16 |
| Sorghum | 3,410,963 | 1,132,495.63 | 14.50 | 15,462,080.76 | 15.56 | 13.65 |
| Finger Millet | 1,009,510 | 281,455.23 | 3.60 | 3,061,837.96 | 3.08 | 10.88 |
| Oats / "Aja" | 262,140 | 29,862.96 | 0.38 | 351,592.09 | 0.35 | 11.77 |
| Rice | 30,391 | 8,364.84 | 0.11 | 154,120.38 | 0.16 | 18.42 |
| Pulses | 4,708,930 | 1,016,786.04 | 13.01 | 10,212,146.69 | 10.28 | |
| Faba/Horse beans | 2,622,493 | 369,150.83 | 4.72 | 4,470,626.42 | 4.5 | 12.11 |
| Field peas | 1,132,869 | 175,221.80 | 2.24 | 1,472,697.31 | 1.48 | 8.4 |
| Haricot beans | 1,201,316 | 119,879.32 | 1.53 | 986,737.89 | 0.99 | 8.23 |
| Chick – peas | 748,967 | 184,800.88 | 2.37 | 1,798,213.35 | 1.81 | 9.73 |
| Lentils | 449,039 | 60,138.28 | 0.77 | 384,296.02 | 0.39 | 6.39 |
| Grass peas/Vetch | 428,585 | 83,522.59 | 1.07 | 923,390.71 | 0.93 | 11.06 |
| Soya beans | 14,048 | 1,769.47 | 0.02 | 16,205.36 | 0.02 | 9.16 |
| Fenugreek | 199,721 | 15,050.50 | 0.19 | 100,265.85 | 0.1 | 6.66 |
| Gibto. | 41,684 | 7,252.36 | 0.09 | 59,713.77 | 0.06 | 8.23 |
| Oilseeds | 1,842,145 | 426,129.77 | 5.45 | 2,081,357.42 | 2.09 | |
| Neug. | 796,306 | 232,201.06 | 2.97 | 841,896.10 | 0.85 | 3.63 |
| Linseed | 578,717 | 98,595.71 | 1.26 | 510,517.50 | 0.51 | 5.18 |
| Groundnuts | 91,246 | 16,034.73 | 0.21 | 132,851.27 | 0.13 | 8.29 |
| Safflower | 91,153 | 5,474.33 | 0.07 | 37,662.28 | 0.04 | 6.88 |
| Sesame | 219,213 | 58,780.38 | 0.75 | 388,995.54 | 0.39 | 6.62 |
| Rapeseed | 341,698 | 15,043.55 | 0.19 | 169,434.72 | 0.17 | 11.26 |
| Vegetables | 2,744,899 | 74,986.19 | 100.00 | 2,886,097.27 | 100 | |
| Lettuce | 9,168 | 127.97 | 0.17 | 11,409.99 | 0.4 | 89.16 |
| Head cabbage | 38,403 | 563.79 | 0.75 | 65,814.97 | 2.28 | 116.74 |
| Ethiopian cabbage | 1,429,904 | 14,528.37 | 19.37 | 1,436,803.67 | 49.78 | 98.9 |
| Tomatoes | 44,355 | 1,545.39 | 2.06 | 230,551.54 | 7.99 | 149.19 |
| Green peppers | 406,963 | 3,728.00 | 4.97 | 360,388.78 | 12.49 | 96.67 |
| Red peppers | 1,111,675 | 54,376.32 | 72.52 | 770,349.38 | 26.69 | 14.17 |
| Swiss chard | 20,529 | 116.34 | 0.16 | 10,778.93 | 0.37 | 92.65 |
| Root Crops | 2,837,826 | 110,627.84 | 100.00 | 11,361,366.94 | 100 | |
| Beetroot | 56,652 | 404.98 | 0.37 | 52,300.76 | 0.46 | 129.14 |
| Carrot | 34,293 | 578.23 | 0.52 | 70,197.07 | 0.62 | 121.4 |
| Onion | 482,899 | 10,488.50 | 9.48 | 1,404,568.79 | 12.36 | 133.92 |
| Potatoes | 815,501 | 36,735.89 | 33.21 | 3,852,580.65 | 33.91 | 104.87 |
| Garlic | 713,062 | 4,801.98 | 4.34 | 704,707.36 | 6.2 | 146.75 |
| Taro / "Godere" | 730,950 | 23,590.91 | 21.32 | 1,885,508.45 | 16.6 | 79.93 |
| Sweet potatoes | 738,213 | 34,027.35 | 30.76 | 3,391,503.85 | 29.85 | 99.67 |

TABLE 5.2. - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

TEMPORARY CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 9,948,133 | 7,998,635.40 | 113,609,244.79 |
| Tigray | 668,650 | 537,572.86 | 6,510,626.66 |
| Afar | 9,508 | 8,836.75 | 116,757.70 |
| Amhara | 2,963,551 | 2,913,588.60 | 35,070,875.62 |
| Oromia | 3,869,367 | 3,532,674.25 | 54,338,047.27 |
| Somali | 81,058 | 59,668.44 | 821,907.26 |
| Benishangul-Gumuz | 123,280 | 137,153.24 | 1,632,900.29 |
| S.N.N.P.R. | 2,165,441 | 766,494.50 | 14,542,213.35 |
| Gambela | 27,067 | 8,724.84 | 178,765.64 |
| Harari | 13,221 | 5,987.84 | 63,592.36 |
| Addis Abeba | 12,939 | 21,155.18 | 228,668.41 |
| Dire Dawa | 14,051 | 6,778.91 | 104,890.23 |

TABLE 5.2.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

GRAIN CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 9,600,923 | 7,813,021.38 | 99,361,780.58 |
| Tigray | 666,760 | 535,874.29 | 6,378,199.77 |
| Afar | 9,202 | 8,536.06 | 76,279.25 |
| Amhara | 2,949,393 | 2,880,425.12 | 32,913,797.45 |
| Oromia | 3,819,453 | 3,463,968.54 | 48,949,524.90 |
| Somali | 80,771 | 58,880.85 | 723,018.06 |
| Benishangul-Gumuz | 122,898 | 135,869.30 | 1,571,115.51 |
| S.N.N.P.R. | 1,887,138 | 687,585.39 | 8,249,115.31 |
| Gambela | 25,779 | 8,337.75 | 145,743.43 |
| Harari | 13,179 | 5,899.62 | 56,063.33 |
| Addis Abeba | 12,318 | 20,980.58 | 207,463.52 |
| Dire Dawa | 14,032 | 6,663.89 | 91,460.05 |

TABLE 5.2.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

CEREALS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 9,340,197 | 6,370,105.57 | 87,068,276.48 |
| Tigray | 658,748 | 462,525.86 | 5,769,783.57 |
| Afar | 9,060 | 8,290.75 | 75,243.50 |
| Amhara | 2,911,378 | 2,216,029.07 | 27,144,178.82 |
| Oromia | 3,754,915 | 2,911,616.17 | 44,260,457.24 |
| Somali | 80,265 | 57,040.60 | 714,362.05 |
| Benishangul-Gumuz | 121,474 | 103,942.27 | 1,390,290.60 |
| S.N.N.P.R. | 1,740,657 | 575,655.43 | 7,273,190.57 |
| Gambela | 24,925 | 7,876.60 | 144,048.75 |
| Harari | 12,995 | 4,624.92 | 43,859.47 |
| Addis Abeba | 11,747 | 16,077.97 | 163,765.09 |
| Dire Dawa | 14,032 | 6,425.90 | 89,096.80 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

TEFF

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,438,978 | 1,818,374.64 | 16,273,155.41 | 8.95 |
| Tigray | 390,425 | 124,698.64 | 1,028,500.35 | 8.25 |
| Afar | 1,822 | 694.64 | 3,433.15 | 4.94 |
| Amhara | 1,831,326 | 778,202.03 | 6,973,002.40 | 8.96 |
| Oromia | 1,610,666 | 762,119.72 | 7,132,516.16 | 9.36 |
| Somali | 260 | * | * | * |
| Benishangul-Gumuz | 23,717 | 10,736.57 | 75,929.32 | 7.07 |
| S.N.N.P.R. | 570,566 | 133,882.17 | 989,566.47 | 7.39 |
| Gambela | 87 | 4.67 | * | * |
| Harari | * | * | * | * |
| Addis Abeba | 10,061 | 7,982.95 | 69,957.23 | 8.76 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

BARLEY

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,201,657 | 771,514.77 | 9,319,063.03 | 12.08 |
| Tigray | 304,831 | 53,237.55 | 589,088.78 | 11.07 |
| Afar | 330 | 21.41 | 159.83 | 7.47 |
| Amhara | 1,159,449 | 274,628.32 | 3,127,282.40 | 11.39 |
| Oromia | 1,150,890 | 367,426.19 | 4,773,395.38 | 12.99 |
| Somali | 22,004 | 6,511.81 | 57,721.28 | 8.86 |
| Benishangul-Gumuz | 3,936 | 1,047.11 | 10,444.18 | 9.97 |
| S.N.N.P.R. | 558,931 | 68,463.31 | 759,733.03 | 11.1 |
| Gambela | 186 | 9.41 | 21.21 | 2.25 |
| Harari | 431 | 18.04 | * | * |
| Addis Abeba | 477 | 148.28 | 1,052.02 | 7.09 |
| Dire Dawa | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

WHEAT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,160,258 | 1,004,999.97 | 14,444,338.17 | 14.37 |
| Tigray | 279,559 | 63,215.93 | 744,801.82 | 11.78 |
| Afar | 343 | 50.16 | 194.31 | 3.87 |
| Amhara | 994,813 | 286,246.58 | 3,537,726.33 | 12.36 |
| Oromia | 1,365,193 | 545,923.45 | 8,595,217.36 | 15.74 |
| Somali | 28,926 | 8,353.80 | 109,973.45 | 13.16 |
| Benishangul-Gumuz | 2,899 | 891.15 | 9,706.77 | 10.89 |
| S.N.N.P.R. | 477,746 | 92,351.77 | 1,353,706.49 | 14.66 |
| Gambela | * | * | - | - |
| Harari | 1,570 | 99.94 | 549.11 | 5.49 |
| Addis Abeba | 9,096 | 7,864.34 | 92,449.44 | 11.76 |
| Dire Dawa | * | * | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

MAIZE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 5,785,735 | 1,323,037.53 | 28,002,088.67 | 21.16 |
| Tigray | 382,838 | 52,217.67 | 894,972.01 | 17.14 |
| Afar | 8,252 | 6,100.41 | 60,515.64 | 9.92 |
| Amhara | 1,712,860 | 296,356.11 | 6,374,895.81 | 21.51 |
| Oromia | 2,578,627 | 729,461.83 | 16,603,874.24 | 22.76 |
| Somali | 64,766 | 20,846.55 | 263,447.26 | 12.64 |
| Benishangul-Gumuz | 93,617 | 20,482.45 | 412,525.56 | 20.14 |
| S.N.N.P.R. | 907,707 | 191,490.02 | 3,270,377.22 | 17.08 |
| Gambela | 21,336 | 5,110.06 | 109,867.48 | 21.5 |
| Harari | 8,726 | 667.56 | 8,267.40 | 12.38 |
| Addis Abeba | 2,316 | 47.39 | 46.18 | 0.97 |
| Dire Dawa | 4,690 | 257.46 | 3,299.87 | 12.82 |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

SORGHUM

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,410,963 | 1,132,495.63 | 15,462,080.76 | 13.65 |
| Tigray | 267,570 | 114,058.73 | 1,923,492.34 | 16.86 |
| Afar | 2,304 | 1,404.78 | 10,940.59 | 7.79 |
| Amhara | 954,611 | 409,473.20 | 5,226,285.11 | 12.76 |
| Oromia | 1,477,381 | 437,397.55 | 6,355,852.91 | 14.53 |
| Somali | 51,192 | 20,824.36 | 279,054.26 | 13.4 |
| Benishangul-Gumuz | 91,011 | 52,375.42 | 670,390.74 | 12.8 |
| S.N.N.P.R. | 530,724 | 84,276.06 | 842,009.46 | 9.99 |
| Gambela | 9,906 | 2,664.26 | 33,217.91 | 12.47 |
| Harari | 12,374 | 3,834.52 | 34,892.12 | 9.1 |
| Addis Abeba | 140 | 26.51 | 195.91 | 7.39 |
| Dire Dawa | 13,750 | 6,160.24 | 85,749.42 | 13.92 |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

FINGER MILLET

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,009,510 | 281,455.23 | 3,061,837.96 | 10.88 |
| Tigray | 219,239 | 54,693.25 | 585,774.50 | 10.71 |
| Afar | * | * | - | - |
| Amhara | 453,403 | 155,526.83 | 1,678,717.62 | 10.79 |
| Oromia | 254,874 | 49,335.52 | 546,501.28 | 11.08 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 33,316 | 17,279.16 | 198,786.43 | 11.5 |
| S.N.N.P.R. | 47,745 | 4,527.18 | 51,518.49 | 11.38 |
| Gambela | 664 | 48.38 | 535.55 | 11.07 |
| Harari | * | * | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | * | * | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

OATS / 'AJA'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 262,140 | 29,862.96 | 351,592.09 | 11.77 |
| Tigray | 2,218 | 404.09 | 3,153.76 | 7.8 |
| Afar | - | - | - | - |
| Amhara | 96,940 | 8,996.12 | 94,339.17 | 10.49 |
| Oromia | 141,008 | 19,366.68 | 243,587.90 | 12.58 |
| Somali | 5,358 | 432.63 | 3,954.60 | 9.14 |
| Benishangul-Gumuz | 513 | 27.60 | 213.81 | 7.75 |
| S.N.N.P.R. | 15,873 | 626.57 | 6,279.42 | 10.02 |
| Gambela | 40 | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | * | * | * | * |
| Dire Dawa | * | * | * | * |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

RICE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 30,391 | 8,364.84 | 154,120.38 | 18.42 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 23,155 | 6,599.88 | 131,929.98 | 19.99 |
| Oromia | 3,860 | 585.23 | 9,512.02 | 16.25 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 2,747 | 1,102.82 | 12,293.79 | 11.15 |
| S.N.N.P.R. | 301 | * | - | - |
| Gambela | 329 | 38.57 | 384.60 | 9.97 |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.2.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

PULSES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 4,708,930 | 1,016,786.04 | 10,212,146.69 |
| Tigray | 295,217 | 42,714.51 | 432,963.34 |
| Afar | 741 | 103.20 | 288.14 |
| Amhara | 1,722,293 | 488,183.62 | 4,920,234.01 |
| Oromia | 1,664,926 | 363,960.71 | 3,780,677.15 |
| Somali | 13,207 | 1,346.86 | 6,283.60 |
| Benishangul-Gumuz | 42,468 | 6,682.94 | 60,436.92 |
| S.N.N.P.R. | 952,655 | 108,559.86 | 964,611.17 |
| Gambela | 3,789 | 116.47 | 706.26 |
| Harari | 977 | 25.69 | 130.21 |
| Addis Abeba | 9,513 | 4,888.55 | 43,676.78 |
| Dire Dawa | 3,143 | 203.63 | 2,139.11 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

FABA/HORSE BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,622,493 | 369,150.83 | 4,470,626.42 | 12.11 |
| Tigray | 178,614 | 14,988.12 | 199,150.69 | 13.29 |
| Afar | * | * | * | * |
| Amhara | 1,067,218 | 168,944.71 | 2,101,390.03 | 12.44 |
| Oromia | 880,953 | 137,377.84 | 1,674,197.88 | 12.19 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 4,555 | 583.44 | 5,636.79 | 9.66 |
| S.N.N.P.R. | 488,519 | 47,008.42 | 488,930.08 | 10.4 |
| Gambela | 89 | * | * | * |
| Harari | * | * | * | * |
| Addis Abeba | 2,311 | 230.59 | 1,272.51 | 5.52 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

FIELD PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,132,869 | 175,221.80 | 1,472,697.31 | 8.4 |
| Tigray | 39,698 | 3,397.93 | 37,094.03 | 10.92 |
| Afar | * | * | * | * |
| Amhara | 516,507 | 78,144.77 | 640,910.81 | 8.2 |
| Oromia | 341,996 | 64,706.78 | 567,644.28 | 8.77 |
| Somali | 948 | 86.04 | * | * |
| Benishangul-Gumuz | 2,819 | 719.30 | 5,047.73 | 7.02 |
| S.N.N.P.R. | 230,332 | 28,104.28 | 221,266.15 | 7.87 |
| Gambela | * | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 319 | 53.54 | 228.18 | 4.26 |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

HARICOT BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,201,316 | 119,879.32 | 986,737.89 | 8.23 |
| Tigray | 16,142 | 2,292.95 | 9,987.43 | 4.36 |
| Afar | 463 | 35.05 | 139.29 | 3.97 |
| Amhara | 162,225 | 22,518.39 | 169,182.07 | 7.51 |
| Oromia | 563,198 | 63,451.13 | 558,896.85 | 8.81 |
| Somali | 7,269 | 678.33 | 2,143.11 | 3.16 |
| Benishangul-Gumuz | 29,493 | 3,778.85 | 34,425.58 | 9.11 |
| S.N.N.P.R. | 415,327 | 26,799.10 | 209,074.91 | 7.8 |
| Gambela | 3,551 | 112.31 | 704.26 | 6.27 |
| Harari | 411 | 10.62 | 55.59 | 5.23 |
| Addis Abeba | 136 | 1.39 | 2.03 | 1.46 |
| Dire Dawa | 3,101 | 201.21 | 2,126.76 | 10.57 |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

CHICK-PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 748,967 | 184,800.88 | 1,798,213.35 | 9.73 |
| Tigray | 62,720 | 11,158.64 | 103,037.73 | 9.23 |
| Afar | 321 | 59.56 | 138.19 | 2.32 |
| Amhara | 446,913 | 109,431.99 | 1,038,747.98 | 9.49 |
| Oromia | 186,942 | 55,644.95 | 587,091.16 | 10.55 |
| Somali | 3,656 | 406.93 | * | * |
| Benishangul-Gumuz | 2,404 | 368.07 | 2,268.21 | 6.16 |
| S.N.N.P.R. | 38,639 | 5,176.74 | 38,596.70 | 7.46 |
| Gambela | * | * | - | - |
| Harari | 334 | * | * | * |
| Addis Abeba | 7,029 | 2,544.09 | 25,715.48 | 10.11 |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

LENTILS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 449,039 | 60,138.28 | 384,296.02 | 6.39 |
| Tigray | 40,947 | 4,587.49 | 29,952.22 | 6.53 |
| Afar | 66 | 3.17 | 0.32 | 0.1 |
| Amhara | 279,323 | 40,120.86 | 259,856.63 | 6.48 |
| Oromia | 105,750 | 14,003.14 | 87,532.12 | 6.25 |
| Somali | 849 | 83.71 | 862.73 | 10.31 |
| Benishangul-Gumuz | 770 | 41.59 | 194.89 | 4.69 |
| S.N.N.P.R. | 18,838 | 739.25 | 2,605.13 | 3.52 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 428,585 | 83,522.59 | 923,390.71 | 11.06 |
| Tigray | 31,635 | 5,794.56 | 51,752.58 | 8.93 |
| Afar | - | - | - | - |
| Amhara | 272,990 | 53,966.46 | 591,933.40 | 10.97 |
| Oromia | 113,435 | 21,973.47 | 263,707.90 | 12 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 183 | 20.06 | 22.97 | 1.15 |
| S.N.N.P.R. | 3,828 | 452.93 | 3,563.34 | 7.87 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 6,462 | 1,295.38 | 12,410.53 | 9.58 |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

SOYA BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 14,048 | 1,769.47 | 16,205.36 | 9.16 |
| Tigray | 585 | 50.60 | 130.67 | 2.58 |
| Afar | - | - | - | - |
| Amhara | 1,573 | 250.80 | 2,065.92 | 8.24 |
| Oromia | 2,864 | 254.31 | 1,422.20 | 5.59 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 6,009 | 1,131.94 | 12,424.32 | 10.98 |
| S.N.N.P.R. | 2,822 | 80.94 | 162.26 | 2 |
| Gambela | * | 0.09 | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

FENUGREEK

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 199,721 | 15,050.50 | 100,265.85 | 6.66 |
| Tigray | 6,371 | 444.22 | 1,857.99 | 4.18 |
| Afar | * | * | - | - |
| Amhara | 89,679 | 7,589.06 | 56,828.13 | 7.49 |
| Oromia | 87,814 | 6,549.10 | 40,184.75 | 6.14 |
| Somali | 1,702 | 56.86 | 189.84 | 3.34 |
| Benishangul-Gumuz | 216 | * | * | * |
| S.N.N.P.R. | 11,795 | 198.19 | 412.61 | 2.08 |
| Gambela | * | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 2,020 | 204.71 | 756.06 | 3.69 |
| Dire Dawa | * | * | * | * |

TABLE I - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

GIBTO

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 41,684 | 7,252.36 | 59,713.77 | 8.23 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 41,440 | 7,216.57 | 59,319.04 | 8.22 |
| Oromia | - | - | - | - |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 191 | 34.60 | 394.73 | 11.41 |
| S.N.N.P.R. | - | - | - | - |
| Gambela | 53 | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.2.1.3 – ESTIMA TE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

OILSEEDS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 1,842,145 | 426,129.77 | 2,081,357.42 |
| Tigray | 107,428 | 30,633.92 | 175,452.86 |
| Afar | 847 | 142.10 | 747.61 |
| Amhara | 848,749 | 176,212.43 | 849,384.63 |
| Oromia | 716,782 | 188,391.65 | 908,390.50 |
| Somali | 6,482 | 493.38 | 2,372.42 |
| Benishangul-Gumuz | 72,373 | 25,244.10 | 120,387.98 |
| S.N.N.P.R. | 80,293 | 3,370.09 | 11,313.57 |
| Gambela | 2,265 | 344.68 | 988.42 |
| Harari | 6,260 | 1,249.01 | 12,073.66 |
| Addis Abeba | 229 | 14.06 | * |
| Dire Dawa | 439 | 34.36 | 224.13 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

NEUG

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 796,306 | 232,201.06 | 841,896.10 | 3.63 |
| Tigray | 32,870 | 5,134.73 | 27,141.60 | 5.29 |
| Afar | 33 | 0.58 | 1.46 | 2.52 |
| Amhara | 424,015 | 119,547.94 | 450,479.57 | 3.77 |
| Oromia | 302,016 | 93,154.34 | 324,256.03 | 3.48 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 32,684 | 13,432.58 | 37,954.61 | 2.83 |
| S.N.N.P.R. | 4,601 | 925.17 | 2,062.84 | 2.23 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | - | - |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

LINSEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 578,717 | 98,595.71 | 510,517.50 | 5.18 |
| Tigray | 45,066 | 4,318.09 | 16,907.29 | 3.92 |
| Afar | 29 | * | * | * |
| Amhara | 233,084 | 23,823.58 | 97,426.90 | 4.09 |
| Oromia | 259,923 | 68,819.37 | 391,211.26 | 5.68 |
| Somali | 5,625 | 445.06 | 1,409.81 | 3.17 |
| Benishangul-Gumuz | 4,310 | 200.29 | 455.07 | 2.27 |
| S.N.N.P.R. | 30,595 | 968.82 | 3,087.65 | 3.19 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 70 | 11.54 | * | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

GROUNDNUTS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 91,246 | 16,034.73 | 132,851.27 | 8.29 |
| Tigray | * | * | * | * |
| Afar | * | * | * | * |
| Amhara | 6,400 | * | * | * |
| Oromia | 53,709 | 10,095.95 | 77,559.23 | 7.68 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 16,692 | 2,388.46 | 22,787.06 | 9.54 |
| S.N.N.P.R. | 5,854 | 521.39 | 2,647.98 | 5.08 |
| Gambela | 998 | 26.06 | 177.43 | 6.81 |
| Harari | 6,245 | 1,239.61 | 11,983.49 | 9.67 |
| Addis Abeba | - | - | - | - |
| Dire Dawa | 308 | 24.57 | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

SAFFLOWER

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 91,153 | 5,474.33 | 37,662.28 | 6.88 |
| Tigray | 1,465 | 45.13 | 114.19 | 2.53 |
| Afar | 208 | 10.76 | 32.83 | 3.05 |
| Amhara | 66,737 | 4,232.82 | 29,411.52 | 6.95 |
| Oromia | 14,278 | 916.05 | 6,143.14 | 6.71 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 1,487 | 94.14 | 634.52 | 6.74 |
| S.N.N.P.R. | 6,772 | 174.57 | 1,326.08 | 7.6 |
| Gambela | 171 | 0.73 | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 36 | * | - | - |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

SESAME

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 219,213 | 58,780.38 | 388,995.54 | 6.62 |
| Tigray | 35,507 | 21,093.57 | 131,119.66 | 6.22 |
| Afar | 592 | * | * | * |
| Amhara | 84,350 | 18,111.31 | 132,630.80 | 7.32 |
| Oromia | 54,443 | 9,908.61 | 64,974.53 | 6.56 |
| Somali | 52 | * | * | * |
| Benishangul-Gumuz | 39,907 | 9,028.15 | 57,719.02 | 6.39 |
| S.N.N.P.R. | 2,928 | 172.59 | 535.07 | 3.1 |
| Gambela | 1,113 | 314.63 | 806.57 | 2.56 |
| Harari | 192 | * | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | * | * | * | * |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

RAPESEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 341,698 | 15,043.55 | 169,434.72 | 11.26 |
| Tigray | 939 | 30.87 | 97.46 | 3.16 |
| Afar | - | - | - | - |
| Amhara | 187,412 | 8,806.03 | 122,592.55 | 13.92 |
| Oromia | 118,277 | 5,497.34 | 44,246.31 | 8.05 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 3,491 | 100.47 | 837.71 | 8.34 |
| S.N.N.P.R. | 31,378 | 607.54 | 1,653.93 | 2.72 |
| Gambela | 84 | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | 117 | 0.71 | 2.35 | 3.31 |
| Dire Dawa | - | - | - | - |

TABLE 5.2.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

VEGETABLES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 2,744,899 | 74,986.19 | 2,886,097.27 |
| Tigray | 80,229 | 962.21 | 39,963.15 |
| Afar | 582 | * | * |
| Amhara | 686,928 | 17,281.27 | 338,913.11 |
| Oromia | 995,425 | 29,731.42 | 1,226,601.46 |
| Somali | 1,651 | 90.56 | 11,010.63 |
| Benishangul-Gumuz | 27,379 | 882.86 | 21,652.58 |
| S.N.N.P.R. | 944,930 | 25,869.24 | 1,228,777.26 |
| Gambela | 4,452 | 55.70 | 4,254.51 |
| Harari | 126 | * | * |
| Addis Abeba | 1,970 | 18.03 | 1,810.84 |
| Dire Dawa | 1,228 | 29.57 | 4,398.22 |

TABLE A -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

LETTUCE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 9,168 | 127.97 | 11,409.99 | 89.16 |
| Tigray | 1,612 | 8.52 | 851.65 | 99.96 |
| Afar | - | - | - | - |
| Amhara | 1,524 | * | * | * |
| Oromia | 4,099 | 101.52 | 9,281.35 | 91.42 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 1,532 | 3.33 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | 0.21 | * | * |
| Dire Dawa | - | - | - | - |

TABLE B -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

HEAD CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 38,403 | 563.79 | 65,814.97 | 116.74 |
| Tigray | 1,674 | 15.17 | 1,639.16 | 108.05 |
| Afar | - | - | - | - |
| Amhara | 6,111 | 68.57 | 8,216.13 | 119.82 |
| Oromia | 20,271 | 377.35 | 44,121.39 | 116.92 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 692 | 2.19 | 261.86 | 119.57 |
| S.N.N.P.R. | 9,336 | 89.50 | 10,689.09 | 119.43 |
| Gambela | * | * | * | * |
| Harari | * | * | - | - |
| Addis Abeba | 105 | 2.70 | 324.04 | 120.01 |
| Dire Dawa | - | - | - | - |

TABLE C -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,429,904 | 14,528.37 | 1,436,803.67 | 98.9 |
| Tigray | 997 | 13.02 | 576.01 | 44.24 |
| Afar | 97 | * | - | - |
| Amhara | 71,216 | 295.07 | 28,770.53 | 97.5 |
| Oromia | 503,105 | 5,183.18 | 516,417.58 | 99.63 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 666 | * | * | * |
| S.N.N.P.R. | 849,366 | 8,964.23 | 883,882.80 | 98.6 |
| Gambela | 2,563 | 21.95 | 2,193.90 | 99.95 |
| Harari | - | - | - | - |
| Addis Abeba | 1,704 | 13.61 | 1,360.52 | 99.96 |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
RURAL HOLDINGS

TOMATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 44,355 | 1,545.39 | 230,551.54 | 149.19 |
| Tigray | 4,455 | 76.19 | 11,428.20 | 150 |
| Afar | 203 | * | * | * |
| Amhara | 11,067 | 272.50 | 40,647.20 | 149.16 |
| Oromia | 18,357 | 960.93 | 143,727.59 | 149.57 |
| Somali | 1,054 | 60.42 | 9,063.38 | 150.01 |
| Benishangul-Gumuz | 735 | 5.43 | 787.70 | 145.06 |
| S.N.N.P.R. | 6,603 | 76.04 | 10,873.06 | 142.99 |
| Gambela | 675 | 7.97 | 1,179.85 | 148.04 |
| Harari | - | - | - | - |
| Addis Abeba | * | * | - | - |
| Dire Dawa | 1,200 | 29.32 | 4,398.22 | 150.01 |

TABLE E -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

GREENPEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 406,963 | 3,728.00 | 360,388.78 | 96.67 |
| Tigray | 21,227 | 185.85 | 17,826.65 | 95.92 |
| Afar | 115 | 2.04 | * | * |
| Amhara | 78,742 | 659.37 | 63,436.14 | 96.21 |
| Oromia | 237,805 | 2,201.75 | 213,440.58 | 96.94 |
| Somali | 355 | 13.12 | * | * |
| Benishangul-Gumuz | 2,775 | 25.27 | 2,437.22 | 96.45 |
| S.N.N.P.R. | 64,522 | 634.53 | 61,296.95 | 96.6 |
| Gambela | 933 | 4.85 | 481.53 | 99.28 |
| Harari | * | * | * | * |
| Addis Abeba | 391 | 0.78 | * | * |
| Dire Dawa | * | * | - | - |

TABLE F -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

RED PEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,111,675 | 54,376.32 | 770,349.38 | 14.17 |
| Tigray | 52,381 | 653.94 | 6,497.35 | 9.94 |
| Afar | 293 | 5.48 | 86.55 | 15.79 |
| Amhara | 536,444 | 15,950.20 | 194,372.40 | 12.19 |
| Oromia | 358,705 | 20,867.07 | 294,901.84 | 14.13 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 23,728 | 815.93 | 14,761.21 | 18.09 |
| S.N.N.P.R. | 139,072 | 16,056.72 | 259,428.98 | 16.16 |
| Gambela | 941 | 20.06 | 301.05 | 15.01 |
| Harari | * | * | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

SWISS CHARD

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 20,529 | 116.34 | 10,778.93 | 92.65 |
| Tigray | 2,793 | 9.53 | 1,144.14 | 120.06 |
| Afar | - | - | - | - |
| Amhara | 6,465 | 21.60 | 2,534.44 | 117.34 |
| Oromia | 5,027 | 39.63 | 4,711.13 | 118.88 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 5,961 | 44.88 | * | * |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 192 | 0.46 | 51.29 | 111.5 |
| Dire Dawa | - | - | - | - |

TABLE 5.2.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

ROOT CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 2,837,826 | 110,627.84 | 11,361,366.94 |
| Tigray | 42,770 | 736.36 | 92,463.74 |
| Afar | 388 | 235.78 | 31,781.74 |
| Amhara | 665,993 | 15,882.21 | 1,818,165.05 |
| Oromia | 1,011,661 | 38,974.29 | 4,161,920.92 |
| Somali | 10,375 | 697.04 | 87,878.57 |
| Benishangul-Gumuz | 23,017 | 401.07 | 40,132.21 |
| S.N.N.P.R. | 1,064,356 | 53,039.88 | 5,064,320.78 |
| Gambela | 8,849 | 331.40 | 28,767.70 |
| Harari | 2,031 | 87.81 | 7,510.22 |
| Addis Abeba | 5,718 | 156.57 | 19,394.05 |
| Dire Dawa | 2,669 | 85.44 | 9,031.96 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

BEETROOT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 56,652 | 404.98 | 52,300.76 | 129.14 |
| Tigray | 557 | * | * | * |
| Afar | - | - | - | - |
| Amhara | 6,164 | 55.08 | 7,122.40 | 129.31 |
| Oromia | 33,281 | 276.21 | 35,643.71 | 129.05 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 379 | 0.36 | 46.63 | 129.53 |
| S.N.N.P.R. | 15,845 | 58.78 | 7,596.52 | 129.24 |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | 251 | 4.32 | 561.05 | 129.87 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

CARROT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 34,293 | 578.23 | 70,197.07 | 121.4 |
| Tigray | 2,377 | 38.21 | 4,649.59 | 121.69 |
| Afar | - | - | - | - |
| Amhara | 8,838 | 110.52 | 13,388.58 | 121.14 |
| Oromia | 13,424 | 257.52 | 31,261.69 | 121.4 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 612 | 1.20 | 145.88 | 121.57 |
| S.N.N.P.R. | 7,815 | 34.64 | 4,142.96 | 119.6 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 1,218 | 136.13 | 16,608.38 | 122 |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

ONION

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 482,899 | 10,488.50 | 1,404,568.79 | 133.92 |
| Tigray | 14,763 | 265.96 | 35,602.93 | 133.87 |
| Afar | 330 | 234.40 | 31,644.38 | 135 |
| Amhara | 118,933 | 2,227.98 | 295,650.62 | 132.7 |
| Oromia | 220,098 | 6,280.17 | 846,027.81 | 134.71 |
| Somali | 3,947 | 225.76 | 26,966.71 | 119.45 |
| Benishangul-Gumuz | 2,302 | 18.57 | 2,487.19 | 133.94 |
| S.N.N.P.R. | 120,893 | 1,219.73 | 164,045.74 | 134.49 |
| Gambela | 260 | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | 786 | 1.99 | 261.92 | 131.62 |
| Dire Dawa | * | * | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 815,501 | 36,735.89 | 3,852,580.65 | 104.87 |
| Tigray | 12,107 | 263.84 | 27,669.89 | 104.87 |
| Afar | * | * | - | - |
| Amhara | 212,247 | 11,098.68 | 1,164,293.93 | 104.9 |
| Oromia | 256,194 | 14,955.94 | 1,568,878.24 | 104.9 |
| Somali | 1,383 | 44.23 | 4,644.66 | 105.01 |
| Benishangul-Gumuz | 4,352 | 102.34 | 8,946.96 | 87.42 |
| S.N.N.P.R. | 328,252 | 10,233.55 | 1,074,251.16 | 104.97 |
| Gambela | 218 | * | * | * |
| Harari | 420 | * | * | * |
| Addis Abeba | 72 | 2.01 | 197.75 | 98.38 |
| Dire Dawa | * | * | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

GARLIC

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 713,062 | 4,801.98 | 704,707.36 | 146.75 |
| Tigray | 19,518 | 160.99 | 23,661.34 | 146.97 |
| Afar | - | - | - | - |
| Amhara | 404,250 | 2,187.12 | 320,664.85 | 146.62 |
| Oromia | 231,874 | 1,799.45 | 263,152.02 | 146.24 |
| Somali | 4,707 | 268.97 | 40,324.83 | 149.92 |
| Benishangul-Gumuz | 3,756 | 21.46 | 3,180.80 | 148.22 |
| S.N.N.P.R. | 44,169 | 350.98 | 51,862.88 | 147.77 |
| Gambela | 438 | 0.67 | 98.19 | 146.55 |
| Harari | - | - | - | - |
| Addis Abeba | 4,327 | 12.07 | 1,762.45 | 146.02 |
| Dire Dawa | * | * | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

TARO / 'GODERE'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 730,950 | 23,590.91 | 1,885,508.45 | 79.93 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 219,596 | 5,847.27 | 467,565.93 | 79.96 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 760 | 9.36 | 748.45 | 79.96 |
| S.N.N.P.R. | 503,824 | 17,498.36 | 1,399,538.23 | 79.98 |
| Gambela | 6,555 | 220.70 | 17,655.85 | 80 |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON RURAL HOLDINGS

SWEET POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 738,213 | 34,027.35 | 3,391,503.85 | 99.67 |
| Tigray | 304 | 1.69 | 143.89 | 85.14 |
| Afar | * | * | * | * |
| Amhara | 7,060 | 187.60 | 17,044.68 | 90.86 |
| Oromia | 252,046 | 9,557.72 | 949,391.51 | 99.33 |
| Somali | 2,166 | 153.55 | 15,354.78 | 100 |
| Benishangul-Gumuz | 14,407 | 247.79 | 24,576.30 | 99.18 |
| S.N.N.P.R. | 455,009 | 23,643.84 | 2,362,883.30 | 99.94 |
| Gambela | 3,177 | 108.20 | 10,819.93 | 100 |
| Harari | 1,703 | 61.10 | 4,705.86 | 77.02 |
| Addis Abeba | * | 0.05 | * | * |
| Dire Dawa | 2,208 | 64.44 | 6,443.74 | 100 |

TABLE 5.3- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON
RURAL HOLDINGS

ETHIOPIA

| Crop | Number of Holders | Area | | Production | | Yield |
|---|---|---|---|---|---|---|
| | | Hectares | % | Quintals | % | QT / HA |
| TOTAL | 4,635,957 | 1,024,548.55 | | 12,527,031.05 | | |
| Grain Crops | 3,488,601 | 859,005.16 | 100.00 | 4,367,027.11 | 100 | |
| Cereals | 3,198,718 | 704,769.95 | 82.04 | 3,627,962.86 | 83.08 | |
| Teff | 209,573 | 49,868.14 | 5.81 | 176,917.65 | 4.05 | 3.55 |
| Barley | 787,811 | 183,721.06 | 21.39 | 474,815.04 | 10.87 | 2.58 |
| Wheat | 277,445 | 60,710.97 | 7.07 | 165,083.14 | 3.78 | 2.72 |
| Maize | 2,395,512 | 351,190.89 | 40.88 | 2,516,350.28 | 57.62 | 7.17 |
| Sorghum | 179,765 | 44,458.18 | 5.18 | 253,470.09 | 5.8 | 5.7 |
| Finger Millet | 13,002 | 1,271.14 | 0.15 | * | * | * |
| Oats / "Aja" | 118,759 | 13,547.87 | 1.58 | 32,109.86 | 0.74 | 2.37 |
| Rice | 2,421 | * | * | - | - | - |
| Pulses | 1,502,483 | 150,119.66 | 17.48 | 715,457.83 | 16.38 | |
| Faba/Horse beans | 49,461 | 2,519.19 | 0.29 | 26,505.42 | 0.61 | 10.52 |
| Field peas | 177,266 | 28,803.20 | 3.35 | 69,794.19 | 1.6 | 2.42 |
| Haricot beans | 1,166,996 | 86,892.03 | 10.12 | 525,845.51 | 12.04 | 6.05 |
| Chick – peas | 70,556 | 10,180.12 | 1.19 | 51,123.96 | 1.17 | 5.02 |
| Lentils | 114,990 | 15,305.62 | 1.78 | 30,312.72 | 0.69 | 1.98 |
| Grass peas/Vetch | 15,364 | 1,463.12 | 0.17 | * | * | * |
| Soya beans | 1,100 | 32.40 | - | * | * | * |
| Fenugreek | 35,393 | 4,914.88 | 0.57 | 5,420.33 | 0.12 | 1.1 |
| Gibto. | 280 | 9.08 | - | * | * | * |
| Oilseeds | 47,432 | 4,115.55 | 0.48 | * | * | |
| Neug. | 638 | 58.81 | - | * | * | * |
| Linseed | 16,315 | 3,480.40 | 0.41 | * | * | * |
| Groundnuts | 4,811 | 445.21 | 0.05 | * | * | * |
| Safflower | 2,458 | 75.84 | - | * | * | * |
| Sesame | 807 | 54.96 | - | * | * | * |
| Rapeseed | 22,613 | 0.33 | - | * | * | * |
| Vegetables | 776,516 | 13,613.68 | 100.00 | 840,151.84 | 100 | |
| Lettuce | 6,497 | 84.83 | 0.62 | 1,961.33 | 0.23 | 23.12 |
| Head cabbage | 12,564 | 400.89 | 2.94 | 5,300.31 | 0.63 | 13.22 |
| Ethiopian cabbage | 681,850 | 9,869.80 | 72.50 | 673,472.20 | 80.16 | 68.24 |
| Tomatoes | 30,058 | 1,489.87 | 10.94 | * | * | * |
| Green peppers | 50,593 | 904.90 | 6.65 | 53,601.86 | 6.38 | 59.24 |
| Red peppers | 32,933 | 821.81 | 6.04 | 1,779.15 | 0.21 | 2.16 |
| Swiss chard | 4,976 | 41.57 | 0.31 | 191.23 | 0.02 | 4.6 |
| Root Crops | 1,933,441 | 151,929.70 | 100.00 | 7,319,852.10 | 100 | |
| Beetroot | 11,084 | 263.89 | 0.17 | 2,129.21 | 0.03 | 8.07 |
| Carrot | 11,444 | 248.87 | 0.16 | 2,550.89 | 0.03 | 10.25 |
| Onion | 231,971 | 9,298.64 | 6.12 | * | * | * |
| Potatoes | 1,494,534 | 126,118.27 | 83.01 | 5,520,924.47 | 75.42 | 43.78 |
| Garlic | 123,748 | 1,182.70 | 0.78 | 87,078.71 | 1.19 | 73.63 |
| Taro / "Godere" | 104,989 | 2,501.40 | 1.65 | 75,014.01 | 1.02 | 29.99 |
| Sweet potatoes | 237,015 | 12,315.95 | 8.11 | 487,083.70 | 6.65 | 39.55 |

TABLE 5.4. - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

TEMPORARY CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 4,635,957 | 1,024,548.55 | 12,527,031.05 |
| Tigray | 82,370 | 13,029.79 | 58,604.94 |
| Afar | 2,002 | 929.17 | 300.57 |
| Amhara | 1,020,438 | 223,046.08 | 3,994,222.49 |
| Oromia | 1,782,647 | 467,405.45 | 2,263,364.28 |
| Somali | 16,769 | 8,011.66 | * |
| Benishangul-Gumuz | 11,083 | 898.26 | 29,183.60 |
| S.N.N.P.R. | 1,697,839 | 306,869.74 | 6,131,558.86 |
| Gambela | 14,474 | 2,937.56 | 16,404.93 |
| Harari | 3,275 | 989.27 | * |
| Addis Abeba | 323 | 46.24 | * |
| Dire Dawa | 4,737 | 385.33 | 14,018.89 |

TABLE 5.4.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GRAIN CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 3,488,601 | 859,005.16 | 4,367,027.11 |
| Tigray | 63,281 | 11,249.32 | 23,143.18 |
| Afar | 1,768 | 766.89 | 110.93 |
| Amhara | 560,678 | 158,593.62 | 725,655.38 |
| Oromia | 1,399,980 | 417,267.02 | 1,153,529.56 |
| Somali | 16,568 | 7,870.68 | 5,940.42 |
| Benishangul-Gumuz | 6,266 | 484.27 | 1,968.34 |
| S.N.N.P.R. | 1,418,852 | 258,630.02 | 2,431,625.82 |
| Gambela | 14,423 | 2,911.92 | 14,882.87 |
| Harari | 3,182 | 949.72 | * |
| Addis Abeba | 82 | * | * |
| Dire Dawa | 3,521 | 257.07 | * |

TABLE 5.4.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

CEREALS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 3,198,718 | 704,769.95 | 3,627,962.86 |
| Tigray | 59,238 | 9,749.05 | 20,649.19 |
| Afar | 1,686 | 715.04 | 69.21 |
| Amhara | 496,365 | 117,340.64 | 567,708.20 |
| Oromia | 1,286,686 | 356,144.12 | 994,763.27 |
| Somali | 16,389 | 7,366.37 | 5,665.42 |
| Benishangul-Gumuz | 6,020 | 378.68 | 1,365.98 |
| S.N.N.P.R. | 1,312,778 | 209,526.43 | 2,015,563.31 |
| Gambela | 14,378 | 2,782.57 | 14,505.72 |
| Harari | 1,590 | * | * |
| Addis Abeba | 68 | * | * |
| Dire Dawa | 3,521 | 256.85 | * |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

TEFF

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 209,573 | 49,868.14 | 176,917.65 | 3.55 |
| Tigray | 5,984 | 2,388.42 | 1,280.44 | 0.54 |
| Afar | 634 | 122.31 | 62.88 | 0.51 |
| Amhara | 88,927 | 13,177.63 | 95,326.98 | 7.23 |
| Oromia | 71,430 | 22,107.49 | 32,242.41 | 1.46 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 42,570 | 12,071.96 | 48,004.95 | 3.98 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

BARLEY

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 787,811 | 183,721.06 | 474,815.04 | 2.58 |
| Tigray | 13,806 | 1,964.46 | 2,673.32 | 1.36 |
| Afar | 31 | 0.91 | * | * |
| Amhara | 285,072 | 71,446.45 | 224,544.99 | 3.14 |
| Oromia | 387,278 | 100,342.43 | 185,895.03 | 1.85 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 101,446 | 9,938.50 | 61,677.57 | 6.21 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

WHEAT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 277,445 | 60,710.97 | 165,083.14 | 2.72 |
| Tigray | 5,546 | 630.28 | 1,127.74 | 1.79 |
| Afar | 63 | 6.58 | 2.24 | 0.34 |
| Amhara | 105,229 | 12,683.04 | 90,277.06 | 7.12 |
| Oromia | 155,088 | 45,836.15 | 62,436.13 | 1.36 |
| Somali | 109 | 13.34 | 13.90 | 1.04 |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 11,409 | 1,541.58 | 11,226.05 | 7.28 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

MAIZE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,395,512 | 351,190.89 | 2,516,350.28 | 7.17 |
| Tigray | 40,593 | 4,721.20 | 15,506.11 | 3.28 |
| Afar | 1,059 | 584.34 | 1.36 | * |
| Amhara | 155,748 | 15,100.91 | 127,832.71 | 8.47 |
| Oromia | 910,972 | 159,592.63 | 602,656.53 | 3.78 |
| Somali | 15,757 | 6,829.82 | 3,603.62 | 0.53 |
| Benishangul-Gumuz | 6,020 | 378.68 | 1,365.98 | 3.61 |
| S.N.N.P.R. | 1,246,463 | 160,787.55 | 1,748,837.74 | 10.88 |
| Gambela | 14,371 | 2,772.25 | 14,499.50 | 5.23 |
| Harari | 1,378 | 225.95 | * | * |
| Addis Abeba | * | * | - | - |
| Dire Dawa | 3,133 | 197.22 | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SORGHUM

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 179,765 | 44,458.18 | 253,470.09 | 5.7 |
| Tigray | * | * | * | * |
| Afar | * | * | - | - |
| Amhara | 6,275 | 563.34 | * | * |
| Oromia | 70,872 | 18,872.83 | 101,388.69 | 5.37 |
| Somali | 2,001 | 515.07 | * | * |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 98,807 | 24,138.93 | 136,727.96 | 5.66 |
| Gambela | * | * | * | * |
| Harari | * | * | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | 787 | 59.63 | * | * |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

FINGER MILLET

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 13,002 | 1,271.14 | * | * |
| Tigray | * | * | - | - |
| Afar | - | - | - | - |
| Amhara | 946 | 99.26 | 240.01 | 2.42 |
| Oromia | 1,185 | 156.24 | 54.32 | 0.35 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 10,757 | 1,008.71 | * | * |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

OATS / 'AJA'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 118,759 | 13,547.87 | 32,109.86 | 2.37 |
| Tigray | * | * | - | - |
| Afar | - | - | - | - |
| Amhara | 55,139 | 4,270.00 | 21,851.09 | 5.12 |
| Oromia | 62,747 | 9,236.34 | 10,090.16 | 1.09 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 823 | * | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.4.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

PULSES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 1,502,483 | 150,119.66 | 715,457.83 |
| Tigray | 11,161 | 1,486.74 | 2,487.10 |
| Afar | 315 | 51.70 | * |
| Amhara | 225,933 | 40,903.29 | 140,344.73 |
| Oromia | 500,820 | 57,878.88 | 157,465.26 |
| Somali | 3,864 | 500.81 | * |
| Benishangul-Gumuz | 3,953 | 105.25 | 601.45 |
| S.N.N.P.R. | 750,906 | 48,636.02 | 411,367.68 |
| Gambela | 2,848 | 108.02 | * |
| Harari | 2,628 | 444.59 | 1,413.70 |
| Addis Abeba | 32 | * | * |
| Dire Dawa | * | * | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

FABA/ HORSE BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 49,461 | 2,519.19 | 26,505.42 | 10.52 |
| Tigray | * | * | * | * |
| Afar | * | * | - | - |
| Amhara | 4,806 | 201.45 | * | * |
| Oromia | 21,158 | 1,203.87 | 4,355.83 | 3.62 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 23,302 | 1,107.47 | 17,752.53 | 16.03 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

FIELD PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 177,266 | 28,803.20 | 69,794.19 | 2.42 |
| Tigray | 2,335 | 326.90 | * | * |
| Afar | - | - | - | - |
| Amhara | 70,395 | 8,741.56 | 43,047.04 | 4.92 |
| Oromia | 90,461 | 18,266.85 | 18,278.93 | 1 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 14,067 | 1,467.75 | 7,851.00 | 5.35 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | - | - |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

HARICOT BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,166,996 | 86,892.03 | 525,845.51 | 6.05 |
| Tigray | * | * | - | - |
| Afar | 204 | 26.79 | * | * |
| Amhara | 34,996 | 7,429.95 | 9,254.04 | 1.25 |
| Oromia | 386,055 | 32,402.69 | 130,780.21 | 4.04 |
| Somali | 3,864 | 500.81 | * | * |
| Benishangul-Gumuz | 3,896 | 103.69 | 601.45 | 5.8 |
| S.N.N.P.R. | 732,446 | 45,873.48 | 383,106.90 | 8.35 |
| Gambela | 2,836 | 108.00 | * | * |
| Harari | 2,628 | 444.59 | 1,413.70 | 3.18 |
| Addis Abeba | * | * | - | - |
| Dire Dawa | * | * | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

CHICK-PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 70,556 | 10,180.12 | 51,123.96 | 5.02 |
| Tigray | 6,180 | 936.77 | 1,474.44 | 1.57 |
| Afar | 140 | 23.22 | * | * |
| Amhara | 59,159 | 8,544.22 | 48,412.76 | 5.67 |
| Oromia | 4,387 | 631.47 | 1,207.21 | 1.91 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 690 | 44.43 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

LENTILS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 114,990 | 15,305.62 | 30,312.72 | 1.98 |
| Tigray | 907 | 63.76 | 74.19 | 1.16 |
| Afar | - | - | - | - |
| Amhara | 97,496 | 13,605.16 | 27,676.45 | 2.03 |
| Oromia | 15,044 | 1,553.17 | 908.89 | 0.59 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 1,526 | 80.65 | * | * |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 15,364 | 1,463.12 | * | * |
| Tigray | 1,476 | 109.17 | 295.02 | 2.7 |
| Afar | - | - | - | - |
| Amhara | 12,080 | 1,207.88 | * | * |
| Oromia | 1,573 | 134.27 | 127.90 | 0.95 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 235 | * | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SOYA BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,100 | 32.40 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | * | * | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 539 | 8.72 | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

FENUGREEK

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 35,393 | 4,914.88 | 5,420.33 | 1.1 |
| Tigray | 1,112 | 46.08 | 7.43 | 0.16 |
| Afar | - | - | - | - |
| Amhara | 16,077 | 1,167.50 | 2,625.98 | 2.25 |
| Oromia | 15,675 | 3,662.08 | 1,804.09 | 0.49 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 2,529 | 39.23 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE I - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GIBTO

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 280 | 9.08 | * | * |
| Tigray | * | * | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | * | * |
| Oromia | * | * | - | - |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | * | * | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.4.1.3 – ESTIMA TE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

OILSEEDS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 47,432 | 4,115.55 | * |
| Tigray | 362 | 13.52 | * |
| Afar | * | * | * |
| Amhara | 12,244 | 349.70 | * |
| Oromia | 15,719 | 3,244.02 | 1,301.03 |
| Somali | * | * | * |
| Benishangul-Gumuz | * | 0.33 | * |
| S.N.N.P.R. | 18,703 | 467.58 | * |
| Gambela | 97 | 21.33 | * |
| Harari | * | * | - |
| Addis Abeba | - | - | - |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

NEUG

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 638 | 58.81 | * | * |
| Tigray | - | - | - | - |
| Afar | * | * | * | * |
| Amhara | * | * | * | * |
| Oromia | 332 | 47.40 | * | * |
| Somali | * | * | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | * | * | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

LINSEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 16,315 | 3,480.40 | * | * |
| Tigray | 362 | 13.52 | * | * |
| Afar | - | - | - | - |
| Amhara | 6,893 | 313.42 | * | * |
| Oromia | 8,803 | 3,143.19 | 1,234.09 | 0.39 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 253 | * | * | * |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GROUNDNUTS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,811 | 445.21 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 885 | 27.58 | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 3,714 | 397.53 | * | * |
| Gambela | - | - | - | - |
| Harari | * | * | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SAFFLOWER

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,458 | 75.84 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 399 | * | * | * |
| Oromia | * | 2.61 | - | - |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 1,992 | 49.44 | 62.71 | 1.27 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SESAME

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 807 | 54.96 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 432 | * | * | * |
| Somali | * | * | * | * |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 252 | 7.99 | * | * |
| Gambela | 62 | 20.60 | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

RAPESEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | * | 0.33 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | - | - | - | - |
| Oromia | - | - | - | - |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | 0.33 | * | * |
| S.N.N.P.R. | - | - | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.4.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON
RURAL HOLDINGS

VEGETABLES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 776,516 | 13,613.68 | 840,151.84 |
| Tigray | 20,385 | 659.10 | 15,331.80 |
| Afar | * | * | * |
| Amhara | 68,076 | 1,465.83 | * |
| Oromia | 239,332 | 4,413.00 | 141,821.07 |
| Somali | 171 | 8.17 | * |
| Benishangul-Gumuz | 3,037 | 36.94 | 515.77 |
| S.N.N.P.R. | 442,333 | 6,823.31 | 581,240.91 |
| Gambela | 1,006 | 9.83 | * |
| Harari | * | * | - |
| Addis Abeba | 217 | * | * |
| Dire Dawa | 1,487 | 53.71 | * |

TABLE A -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON
RURAL HOLDINGS

LETTUCE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 6,497 | 84.83 | 1,961.33 | 23.12 |
| Tigray | 3,568 | 26.10 | * | * |
| Afar | - | - | - | - |
| Amhara | 545 | * | * | * |
| Oromia | 1,620 | 46.57 | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 486 | * | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE B -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON
RURAL HOLDINGS

HEAD CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 12,564 | 400.89 | 5,300.31 | 13.22 |
| Tigray | 2,155 | 61.17 | * | * |
| Afar | * | * | - | - |
| Amhara | 2,719 | 46.20 | * | * |
| Oromia | 5,131 | 218.56 | 2,586.33 | 11.83 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 2,363 | 62.98 | 1,819.56 | 28.89 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE C -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 681,850 | 9,869.80 | 673,472.20 | 68.24 |
| Tigray | 526 | 4.17 | - | - |
| Afar | - | - | - | - |
| Amhara | 33,454 | 557.13 | 6,055.19 | 10.87 |
| Oromia | 210,334 | 2,709.70 | 114,745.54 | 42.35 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 1,631 | 12.38 | * | * |
| S.N.N.P.R. | 434,856 | 6,567.43 | 550,980.84 | 83.9 |
| Gambela | 925 | 9.18 | * | * |
| Harari | * | * | - | - |
| Addis Abeba | 30 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

TOMATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 30,058 | 1,489.87 | * | * |
| Tigray | 8,950 | 238.99 | 11,946.74 | 49.99 |
| Afar | * | * | * | * |
| Amhara | 6,752 | 175.29 | * | * |
| Oromia | 9,333 | 871.79 | 16,349.22 | 18.75 |
| Somali | 155 | 6.48 | * | * |
| Benishangul-Gumuz | 1,545 | 16.95 | 229.93 | 13.57 |
| S.N.N.P.R. | 1,469 | 20.39 | * | * |
| Gambela | * | * | * | * |
| Harari | * | * | - | - |
| Addis Abeba | 56 | * | - | - |
| Dire Dawa | 1,438 | 49.00 | * | * |

TABLE E -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GREENPEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 50,593 | 904.90 | 53,601.86 | 59.24 |
| Tigray | 4,463 | 90.75 | 2,979.69 | 32.83 |
| Afar | 28 | * | - | - |
| Amhara | 10,728 | 189.15 | 16,043.05 | 84.82 |
| Oromia | 25,982 | 477.87 | 6,520.13 | 13.64 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 393 | 2.14 | * | * |
| S.N.N.P.R. | 8,692 | * | * | * |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | * | * | * | * |

TABLE F -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

RED PEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 32,933 | 821.81 | 1,779.15 | 2.16 |
| Tigray | 8,003 | 205.42 | 179.43 | 0.87 |
| Afar | * | * | * | * |
| Amhara | 17,799 | 484.74 | 1,369.49 | 2.83 |
| Oromia | 5,076 | 86.00 | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 549 | 4.92 | * | * |
| S.N.N.P.R. | 1,452 | 28.71 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SWISS CHARD

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,976 | 41.57 | 191.23 | 4.6 |
| Tigray | 2,915 | 32.49 | 110.24 | 3.39 |
| Afar | - | - | - | - |
| Amhara | 1,339 | 4.91 | * | * |
| Oromia | 423 | 2.52 | 38.90 | 15.44 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | 0.08 | - | - |
| S.N.N.P.R. | 226 | * | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE 5.4.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

ROOT CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 1,933,441 | 151,929.70 | 7,319,852.10 |
| Tigray | 25,805 | 1,121.37 | 20,129.96 |
| Afar | 125 | 48.75 | 14.02 |
| Amhara | 579,229 | 62,986.62 | 3,172,271.98 |
| Oromia | 577,314 | 45,725.44 | 968,013.65 |
| Somali | 670 | * | * |
| Benishangul-Gumuz | 5,484 | 377.06 | 26,699.49 |
| S.N.N.P.R. | 741,686 | 41,416.40 | 3,118,692.13 |
| Gambela | 679 | 15.81 | * |
| Harari | 372 | * | * |
| Addis Abeba | 141 | 9.17 | * |
| Dire Dawa | 1,936 | 74.55 | * |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

BEETROOT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 11,084 | 263.89 | 2,129.21 | 8.07 |
| Tigray | 502 | 7.30 | - | - |
| Afar | - | - | - | - |
| Amhara | 2,346 | 34.69 | * | * |
| Oromia | 6,463 | 197.57 | 1,579.43 | 7.99 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 83 | * | - | - |
| S.N.N.P.R. | 1,632 | 21.44 | 218.13 | 10.17 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 32 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

CARROT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 11,444 | 248.87 | 2,550.89 | 10.25 |
| Tigray | 1,646 | 20.90 | * | * |
| Afar | - | - | - | - |
| Amhara | 4,154 | 86.33 | 722.81 | 8.37 |
| Oromia | 4,255 | 121.61 | 1,253.72 | 10.31 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 1,162 | 18.28 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 40 | 1.41 | * | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

ONION

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 231,971 | 9,298.64 | * | * |
| Tigray | 19,030 | 760.47 | 14,130.35 | 18.58 |
| Afar | 79 | 46.45 | 14.02 | 0.3 |
| Amhara | 79,405 | 2,515.84 | * | * |
| Oromia | 96,324 | 5,283.41 | 166,248.35 | 31.47 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 1,088 | 14.58 | * | * |
| S.N.N.P.R. | 34,626 | 539.44 | 20,026.17 | 37.12 |
| Gambela | - | - | - | - |
| Harari | * | * | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | 896 | 33.81 | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,494,534 | 126,118.27 | 5,520,924.47 | 43.78 |
| Tigray | 6,749 | 296.37 | 4,602.53 | 15.53 |
| Afar | - | - | - | - |
| Amhara | 529,229 | 60,071.57 | 2,223,510.78 | 37.01 |
| Oromia | 454,958 | 38,046.46 | 706,755.46 | 18.58 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 4,353 | 360.26 | 26,319.59 | 73.06 |
| S.N.N.P.R. | 498,439 | 27,303.22 | 2,558,395.18 | 93.7 |
| Gambela | 82 | * | * | * |
| Harari | 305 | * | * | * |
| Addis Abeba | 55 | * | * | * |
| Dire Dawa | * | * | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

GARLIC

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 123,748 | 1,182.70 | 87,078.71 | 73.63 |
| Tigray | 2,744 | 36.29 | 1,049.12 | 28.91 |
| Afar | - | - | - | - |
| Amhara | 16,953 | 262.47 | 15,070.71 | 57.42 |
| Oromia | 40,039 | 589.52 | 24,828.19 | 42.12 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 310 | 1.71 | * | * |
| S.N.N.P.R. | 63,612 | 292.45 | * | * |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 37 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

TARO / 'GODERE'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 104,989 | 2,501.40 | 75,014.01 | 29.99 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 7,569 | 229.15 | 1,892.36 | 8.26 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 96,879 | 2,260.11 | 73,088.72 | 32.34 |
| Gambela | 511 | 11.00 | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON RURAL HOLDINGS

SWEET POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 237,015 | 12,315.95 | 487,083.70 | 39.55 |
| Tigray | * | * | - | - |
| Afar | * | * | - | - |
| Amhara | 661 | * | * | * |
| Oromia | 27,706 | 1,257.72 | 65,456.14 | 52.04 |
| Somali | 234 | 26.00 | 99.73 | 3.84 |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 207,171 | 10,981.45 | 420,631.44 | 38.3 |
| Gambela | 92 | 3.01 | * | * |
| Harari | * | * | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | 984 | 30.23 | * | * |

TABLE 5.5- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

ETHIOPIA

| Crop | Number of Holders | Area | | Production | | Yield |
|---|---|---|---|---|---|---|
| | | Hectares | % | Quintals | % | QT / HA |
| TOTAL | 172,732 | 136,919.74 | | 1,112,582.50 | | |
| Grain Crops | 164,877 | 131,738.32 | 100.00 | 985,159.67 | 100 | |
| Cereals | 160,749 | 112,514.40 | 85.41 | 903,478.40 | 91.71 | |
| Teff | 57,351 | 27,707.18 | 21.03 | 123,255.77 | 12.51 | 4.45 |
| Barley | 28,459 | 10,440.70 | 7.93 | 73,476.53 | 7.46 | 7.04 |
| Wheat | 46,641 | 24,067.97 | 18.27 | 227,946.12 | 23.14 | 9.47 |
| Maize | 82,455 | 27,807.71 | 21.11 | 343,659.45 | 34.88 | 12.36 |
| Sorghum | 39,430 | 18,245.78 | 13.85 | 110,721.96 | 11.24 | 6.07 |
| Finger Millet | 7,494 | 3,363.53 | 2.55 | 20,115.31 | 2.04 | 5.98 |
| Oats / "Aja" | 1,722 | 775.56 | 0.59 | 3,422.59 | 0.35 | 4.41 |
| Rice | 231 | 105.97 | 0.08 | 880.67 | 0.09 | 8.31 |
| Pulses | 31,971 | 11,301.54 | 8.58 | 48,485.79 | 4.92 | |
| Faba/Horse beans | 13,121 | 3,327.18 | 2.53 | 17,120.42 | 1.74 | 5.15 |
| Field peas | 5,515 | 1,658.10 | 1.26 | 6,175.01 | 0.63 | 3.72 |
| Haricot beans | 8,487 | 2,763.54 | 2.10 | 9,077.21 | 0.92 | 3.28 |
| Chick – peas | 4,611 | 1,458.84 | 1.11 | 6,934.47 | 0.7 | 4.75 |
| Lentils | 2,734 | 662.90 | 0.50 | 1,592.13 | 0.16 | 2.4 |
| Grass peas/Vetch | 3,568 | 1,030.42 | 0.78 | 6,156.54 | 0.62 | 5.97 |
| Soya beans | 187 | 94.47 | 0.07 | * | * | * |
| Fenugreek | 1,319 | 273.82 | 0.21 | 867.56 | 0.09 | 3.17 |
| Gibto. | 63 | * | * | 53.24 | - | * |
| Oilseeds | 12,158 | 7,922.38 | 6.01 | 33,195.48 | 3.37 | |
| Neug. | 3,945 | 1,937.87 | 1.47 | 5,939.03 | 0.6 | 3.06 |
| Linseed | 3,009 | 1,545.93 | 1.17 | 5,253.12 | 0.53 | 3.4 |
| Groundnuts | 1,196 | 447.85 | 0.34 | 4,461.73 | 0.45 | 9.96 |
| Safflower | 62 | 12.00 | - | 11.11 | - | 0.93 |
| Sesame | 4,250 | 3,912.47 | 2.97 | 17,425.92 | 1.77 | 4.45 |
| Rapeseed | 365 | * | * | 104.58 | 0.01 | * |
| Vegetables | 16,176 | 1,984.68 | 100.00 | 37,529.37 | 100 | |
| Lettuce | 487 | 35.21 | 1.77 | 497.54 | 1.33 | 14.13 |
| Head cabbage | 352 | 26.60 | 1.34 | 963.52 | 2.57 | 36.22 |
| Ethiopian cabbage | 10,061 | 529.95 | 26.70 | 11,590.15 | 30.88 | 21.87 |
| Tomatoes | 1,292 | 265.29 | 13.37 | 12,880.17 | 34.32 | 48.55 |
| Green peppers | 937 | 39.83 | 2.01 | * | * | * |
| Red peppers | 4,595 | 1,004.49 | 50.61 | 7,496.41 | 19.97 | 7.46 |
| Swiss chard | 731 | * | * | 927.16 | 2.47 | * |
| Root Crops | 15,578 | 3,196.73 | 100.00 | 89,893.46 | 100 | |
| Beetroot | 362 | 17.69 | 0.55 | * | * | * |
| Carrot | 759 | * | * | 4,133.54 | 4.6 | * |
| Onion | 2,674 | 656.78 | 20.55 | 22,412.72 | 24.93 | 34.13 |
| Potatoes | 4,983 | 1,291.74 | 40.41 | 28,582.41 | 31.8 | 22.13 |
| Garlic | 1,024 | 57.64 | 1.80 | * | * | * |
| Taro / "Godere" | 4,327 | 414.05 | 12.95 | 13,826.64 | 15.38 | 33.39 |
| Sweet potatoes | 4,283 | 548.08 | 17.15 | 17,536.75 | 19.51 | 32 |

TABLE 5.6. - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

TEMPORARY CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 172,732 | 136,919.74 | 1,112,582.50 |
| Tigray | 13,296 | 11,035.99 | 55,355.79 |
| Afar | 578 | 626.96 | 3,189.67 |
| Amhara | 29,924 | 22,393.03 | 132,700.16 |
| Oromia | 79,351 | 77,888.21 | 675,011.03 |
| Somali | 3,197 | 1,775.90 | 15,327.52 |
| Benishangul-Gumuz | 3,245 | 5,471.37 | 47,565.05 |
| S.N.N.P.R. | 37,682 | 13,953.77 | 147,116.29 |
| Gambela | 1,361 | 405.46 | 5,179.36 |
| Harari | 780 | 217.12 | 3,472.59 |
| Addis Abeba | 2,730 | 3,001.18 | 26,265.75 |
| Dire Dawa | 588 | 150.75 | 1,399.29 |

TABLE 5.6.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

GRAIN CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 164,877 | 131,738.32 | 985,159.67 |
| Tigray | 13,226 | 10,963.18 | 54,787.10 |
| Afar | 527 | 508.46 | 923.10 |
| Amhara | 29,346 | 21,987.91 | 122,598.10 |
| Oromia | 76,964 | 75,485.97 | 624,917.90 |
| Somali | 3,137 | 1,749.74 | 14,338.60 |
| Benishangul-Gumuz | 3,182 | 5,350.82 | 45,836.85 |
| S.N.N.P.R. | 33,668 | 12,405.46 | 96,693.08 |
| Gambela | 1,351 | 400.61 | 5,062.92 |
| Harari | 768 | 211.17 | 2,877.13 |
| Addis Abeba | 2,131 | 2,525.67 | 15,777.83 |
| Dire Dawa | 579 | 149.35 | 1,347.06 |

TABLE 5.6.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

CEREALS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 160,749 | 112,514.40 | 903,478.40 |
| Tigray | 12,592 | 9,141.73 | 46,123.45 |
| Afar | 527 | 508.46 | 923.10 |
| Amhara | 28,214 | 16,971.95 | 102,424.06 |
| Oromia | 75,348 | 66,265.31 | 591,877.04 |
| Somali | 3,127 | 1,684.23 | 14,093.95 |
| Benishangul-Gumuz | 3,087 | 3,558.31 | 32,954.69 |
| S.N.N.P.R. | 33,062 | 11,524.50 | 92,763.99 |
| Gambela | 1,351 | 377.21 | 4,729.30 |
| Harari | 767 | 186.11 | 2,359.68 |
| Addis Abeba | 2,096 | 2,147.24 | 13,882.09 |
| Dire Dawa | 579 | 149.35 | 1,347.06 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

TEFF

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 57,351 | 27,707.18 | 123,255.77 | 4.45 |
| Tigray | 6,472 | 2,458.27 | 13,179.44 | 5.36 |
| Afar | - | - | - | - |
| Amhara | 13,223 | 5,255.43 | 25,290.97 | 4.81 |
| Oromia | 27,316 | 16,212.98 | 69,293.94 | 4.27 |
| Somali | 16 | 3.26 | * | * |
| Benishangul-Gumuz | 518 | 257.20 | 1,299.55 | 5.05 |
| S.N.N.P.R. | 8,261 | 2,320.20 | 9,300.29 | 4.01 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 1,545 | 1,199.83 | 4,841.61 | 4.04 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

BARLEY

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 28,459 | 10,440.70 | 73,476.53 | 7.04 |
| Tigray | 2,768 | 916.60 | 7,404.69 | 8.08 |
| Afar | - | - | - | - |
| Amhara | 5,967 | 1,597.75 | 8,831.23 | 5.53 |
| Oromia | 13,937 | 6,790.03 | 51,122.78 | 7.53 |
| Somali | 422 | 119.50 | 467.72 | 3.91 |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 4,638 | 720.34 | 3,195.99 | 4.44 |
| Gambela | 1 | 0.06 | 0.16 | 2.67 |
| Harari | 14 | * | 4.79 | * |
| Addis Abeba | 627 | 254.71 | 2,291.57 | 9 |
| Dire Dawa | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

WHEAT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 46,641 | 24,067.97 | 227,946.12 | 9.47 |
| Tigray | 3,077 | 795.92 | 5,386.80 | 6.77 |
| Afar | - | - | - | - |
| Amhara | 6,248 | 1,861.74 | 13,098.42 | 7.04 |
| Oromia | 26,657 | 18,152.76 | 178,092.49 | 9.81 |
| Somali | 428 | 150.65 | 1,438.66 | 9.55 |
| Benishangul-Gumuz | 12 | * | * | * |
| S.N.N.P.R. | 8,828 | 2,436.41 | 23,243.49 | 9.54 |
| Gambela | - | - | - | - |
| Harari | 40 | 4.80 | * | * |
| Addis Abeba | 1,351 | 658.58 | 6,494.73 | 9.86 |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

MAIZE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 82,455 | 27,807.71 | 343,659.45 | 12.36 |
| Tigray | 2,725 | 1,097.81 | 3,195.35 | 2.91 |
| Afar | 527 | 508.46 | 923.10 | 1.82 |
| Amhara | 9,264 | 2,091.07 | 24,380.39 | 11.66 |
| Oromia | 40,722 | 17,212.84 | 244,133.24 | 14.18 |
| Somali | 2,036 | 622.58 | 6,317.97 | 10.15 |
| Benishangul-Gumuz | 1,691 | 669.31 | 7,850.08 | 11.73 |
| S.N.N.P.R. | 23,395 | 5,220.30 | 52,594.41 | 10.07 |
| Gambela | 1,208 | 259.63 | 3,155.17 | 12.15 |
| Harari | 585 | 97.63 | 854.69 | 8.75 |
| Addis Abeba | 252 | 17.22 | 144.23 | 8.38 |
| Dire Dawa | 50 | 10.86 | 110.81 | 10.2 |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

SORGHUM

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 39,430 | 18,245.78 | 110,721.96 | 6.07 |
| Tigray | 5,334 | 3,132.47 | 14,085.36 | 4.5 |
| Afar | - | - | - | - |
| Amhara | 9,176 | 5,186.96 | 25,738.26 | 4.96 |
| Oromia | 15,511 | 6,642.98 | 43,055.62 | 6.48 |
| Somali | 1,957 | 783.92 | 5,790.15 | 7.39 |
| Benishangul-Gumuz | 1,634 | 1,465.86 | 13,867.70 | 9.46 |
| S.N.N.P.R. | 4,254 | 681.10 | 4,022.13 | 5.91 |
| Gambela | 439 | 117.44 | 1,482.56 | 12.62 |
| Harari | 524 | 81.55 | 1,349.44 | 16.55 |
| Addis Abeba | 50 | 15.34 | * | * |
| Dire Dawa | 552 | 138.17 | 1,232.32 | 8.92 |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

FINGER MILLET

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 7,494 | 3,363.53 | 20,115.31 | 5.98 |
| Tigray | 1,880 | 733.76 | 2,846.95 | 3.88 |
| Afar | - | - | - | - |
| Amhara | 2,098 | 835.97 | 3,974.12 | 4.75 |
| Oromia | 2,051 | 573.41 | 3,399.60 | 5.93 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 1,165 | 1,077.10 | 9,400.11 | 8.73 |
| S.N.N.P.R. | 295 | * | 402.95 | * |
| Gambela | * | * | * | * |
| Harari | * | * | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

OATS / 'AJA'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,722 | 775.56 | 3,422.59 | 4.41 |
| Tigray | 21 | 6.90 | 24.85 | 3.6 |
| Afar | - | - | - | - |
| Amhara | 482 | 88.70 | 633.08 | 7.14 |
| Oromia | 1,150 | 671.93 | 2,721.49 | 4.05 |
| Somali | 40 | 4.33 | 29.51 | 6.82 |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 22 | 2.16 | 2.15 | 1 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

RICE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 231 | 105.97 | 880.67 | 8.31 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 126 | 54.33 | 477.59 | 8.79 |
| Oromia | 31 | 8.38 | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 61 | 42.45 | 338.30 | 7.97 |
| S.N.N.P.R. | * | * | * | * |
| Gambela | - | - | - | - |
| Harari | * | - | * | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.6.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

PULSES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 31,971 | 11,301.54 | 48,485.79 |
| Tigray | 2,259 | 728.81 | 3,236.26 |
| Afar | - | - | - |
| Amhara | 8,505 | 2,578.89 | 15,003.38 |
| Oromia | 14,139 | 6,521.31 | 23,226.67 |
| Somali | 237 | 57.32 | 220.65 |
| Benishangul-Gumuz | 388 | 179.45 | 964.09 |
| S.N.N.P.R. | 5,679 | 875.63 | 3,917.81 |
| Gambela | 13 | 0.84 | * |
| Harari | * | * | * |
| Addis Abeba | 716 | 355.10 | 1,887.15 |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

FABA/HORSE BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 13,121 | 3,327.18 | 17,120.42 | 5.15 |
| Tigray | 1,085 | 220.14 | 1,433.22 | 6.51 |
| Afar | - | - | - | - |
| Amhara | 4,499 | 977.98 | 6,959.21 | 7.12 |
| Oromia | 4,812 | 1,676.61 | 6,877.59 | 4.1 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 2,518 | 398.39 | 1,665.87 | 4.18 |
| Gambela | - | - | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 193 | 52.72 | 172.68 | 3.28 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

FIELD PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 5,515 | 1,658.10 | 6,175.01 | 3.72 |
| Tigray | 289 | 76.27 | 425.81 | 5.58 |
| Afar | - | - | - | - |
| Amhara | 1,462 | 306.08 | 1,539.69 | 5.03 |
| Oromia | 2,394 | 1,029.10 | 3,087.17 | 3 |
| Somali | 41 | 3.31 | 5.15 | 1.56 |
| Benishangul-Gumuz | 38 | 16.64 | 81.63 | 4.91 |
| S.N.N.P.R. | 1,164 | 184.98 | 824.07 | 4.45 |
| Gambela | - | - | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 118 | 40.47 | 207.50 | 5.13 |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

HARICOT BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 8,487 | 2,763.54 | 9,077.21 | 3.28 |
| Tigray | 49 | 16.81 | * | * |
| Afar | - | - | - | - |
| Amhara | 171 | 35.53 | 43.20 | 1.22 |
| Oromia | 5,360 | 2,364.03 | 7,319.32 | 3.1 |
| Somali | 146 | 45.18 | 155.12 | 3.43 |
| Benishangul-Gumuz | 153 | 72.15 | 319.48 | 4.43 |
| S.N.N.P.R. | 2,562 | 225.51 | 1,204.70 | 5.34 |
| Gambela | 13 | 0.84 | * | * |
| Harari | * | * | * | * |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

CHICK-PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,611 | 1,458.84 | 6,934.47 | 4.75 |
| Tigray | 430 | 131.80 | 361.25 | 2.74 |
| Afar | - | - | - | - |
| Amhara | 1,687 | 472.72 | 2,626.28 | 5.56 |
| Oromia | 1,770 | 666.47 | 2,575.77 | 3.86 |
| Somali | 83 | 8.83 | * | * |
| Benishangul-Gumuz | 41 | 9.31 | 76.34 | 8.2 |
| S.N.N.P.R. | 269 | 45.74 | 201.33 | 4.4 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 332 | 123.98 | 1,033.12 | 8.33 |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

LENTILS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,734 | 662.90 | 1,592.13 | 2.4 |
| Tigray | 261 | * | 129.48 | * |
| Afar | - | - | - | - |
| Amhara | 1,664 | 320.55 | 1,055.37 | 3.29 |
| Oromia | 744 | 184.11 | 372.58 | 2.02 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 26 | * | 7.52 | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 40 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,568 | 1,030.42 | 6,156.54 | 5.97 |
| Tigray | 419 | 115.11 | 766.20 | 6.66 |
| Afar | - | - | - | - |
| Amhara | 1,532 | 377.52 | 2,416.98 | 6.4 |
| Oromia | 1,215 | 409.70 | 2,545.71 | 6.21 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 26 | * | 14.32 | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 376 | 118.94 | 413.34 | 3.48 |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

SOYA BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 187 | 94.47 | * | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | * | * |
| Oromia | 16 | * | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | - | - | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

FENUGREEK

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,319 | 273.82 | 867.56 | 3.17 |
| Tigray | 122 | 25.89 | 116.49 | 4.5 |
| Afar | - | - | - | - |
| Amhara | 507 | 76.57 | 309.36 | 4.04 |
| Oromia | 618 | 156.89 | 414.22 | 2.64 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 10 | 0.07 | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 63 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE I - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

GIBTO

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 63 | * | 53.24 | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 41 | 10.89 | 50.90 | 4.67 |
| Oromia | * | * | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | * | * | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.6.1.3 – ESTIMA TE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

OILSEEDS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 12,158 | 7,922.38 | 33,195.48 |
| Tigray | 1,647 | 1,092.63 | 5,427.39 |
| Afar | - | - | - |
| Amhara | 3,717 | 2,437.07 | 5,170.67 |
| Oromia | 4,661 | 2,699.35 | 9,814.20 |
| Somali | 16 | * | * |
| Benishangul-Gumuz | 1,583 | 1,613.06 | 11,918.07 |
| S.N.N.P.R. | 72 | 5.32 | 11.27 |
| Gambela | 192 | 22.56 | 310.61 |
| Harari | 190 | 20.87 | 510.69 |
| Addis Abeba | 79 | 23.32 | * |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

NEUG

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,945 | 1,937.87 | 5,939.03 | 3.06 |
| Tigray | 119 | 41.27 | 91.49 | 2.22 |
| Afar | - | - | - | - |
| Amhara | 1,339 | 467.86 | 824.71 | 1.76 |
| Oromia | 1,765 | 954.88 | 3,333.68 | 3.49 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 642 | 450.00 | 1,681.04 | 3.74 |
| S.N.N.P.R. | * | * | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 77 | 22.92 | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

LINSEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,009 | 1,545.93 | 5,253.12 | 3.4 |
| Tigray | 252 | * | 195.16 | * |
| Afar | - | - | - | - |
| Amhara | 617 | 103.59 | 213.39 | 2.06 |
| Oromia | 2,026 | 1,329.65 | 4,823.13 | 3.63 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 53 | 4.24 | 7.31 | 1.72 |
| Gambela | 47 | 0.59 | * | * |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

GROUNDNUTS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,196 | 447.85 | 4,461.73 | 9.96 |
| Tigray | 20 | * | * | * |
| Afar | - | - | - | - |
| Amhara | 11 | 3.36 | * | * |
| Oromia | 308 | 59.49 | 540.42 | 9.08 |
| Somali | 8 | 1.05 | 6.20 | 5.9 |
| Benishangul-Gumuz | 502 | 335.72 | 3,088.71 | 9.2 |
| S.N.N.P.R. | * | * | * | * |
| Gambela | 155 | 17.37 | * | * |
| Harari | 190 | 20.87 | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

SAFFLOWER

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 62 | 12.00 | 11.11 | 0.93 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 24 | 3.64 | 3.17 | 0.87 |
| Oromia | 36 | * | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | - | - | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

SESAME

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,250 | 3,912.47 | 17,425.92 | 4.45 |
| Tigray | 1,276 | 935.69 | 5,126.87 | 5.48 |
| Afar | - | - | - | - |
| Amhara | 1,751 | 1,851.65 | 4,096.76 | 2.21 |
| Oromia | 489 | 288.89 | 1,032.62 | 3.57 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 681 | * | 7,141.17 | * |
| S.N.N.P.R. | - | - | - | - |
| Gambela | 49 | 4.60 | 10.70 | 2.33 |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

RAPESEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 365 | * | 104.58 | * |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | 129 | 6.97 | 28.10 | 4.03 |
| Oromia | 226 | * | 76.47 | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 10 | * | - | - |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.6.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

VEGETABLES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 16,176 | 1,984.68 | 37,529.37 |
| Tigray | 206 | 38.06 | 282.49 |
| Afar | 37 | 59.44 | 1,551.72 |
| Amhara | 1,290 | 162.02 | 1,322.78 |
| Oromia | 4,750 | 846.20 | 14,499.69 |
| Somali | 136 | 9.17 | 343.06 |
| Benishangul-Gumuz | 350 | 101.81 | 484.85 |
| S.N.N.P.R. | 8,508 | 578.65 | 13,990.91 |
| Gambela | 41 | * | 80.88 |
| Harari | 65 | * | * |
| Addis Abeba | 782 | 181.64 | 4,405.36 |
| Dire Dawa | 11 | * | 34.14 |

TABLE A -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

LETTUCE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 487 | 35.21 | 497.54 | 14.13 |
| Tigray | 39 | 3.15 | * | * |
| Afar | - | - | - | - |
| Amhara | 35 | 1.27 | 20.90 | 16.46 |
| Oromia | 60 | 2.94 | * | * |
| Somali | 31 | 0.95 | * | * |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | - | - | - | - |
| Gambela | - | - | - | - |
| Harari | 33 | * | * | * |
| Addis Abeba | 289 | 25.96 | 334.10 | 12.87 |
| Dire Dawa | - | - | - | - |

TABLE B -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

HEAD CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 352 | 26.6 | 963.52 | 36.22 |
| Tigray | 9 | * | 4.19 | * |
| Afar | - | - | - | - |
| Amhara | 70 | 2.19 | * | * |
| Oromia | 181 | 13.32 | 11.18 | 0.84 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 48 | 0.94 | * | * |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 42 | * | * | * |
| Dire Dawa | * | - | - | - |

TABLE C -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 10,061 | 529.95 | 11,590.15 | 21.87 |
| Tigray | 1 | 0.20 | 0.02 | 0.1 |
| Afar | 1 | 0.33 | 0.03 | 0.09 |
| Amhara | 211 | 8.92 | 67.57 | 7.58 |
| Oromia | 2,047 | 152.81 | 2,349.36 | 15.37 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 7,089 | 288.60 | 5,741.16 | 19.89 |
| Gambela | 4 | 0.04 | * | * |
| Harari | 61 | * | * | * |
| Addis Abeba | 640 | * | 3,012.60 | * |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

TOMATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,292 | 265.29 | 12,880.17 | 48.55 |
| Tigray | 65 | * | * | * |
| Afar | 36 | 59.11 | 1,551.69 | 26.25 |
| Amhara | 164 | 20.82 | 533.00 | 25.6 |
| Oromia | 629 | 162.26 | 9,835.73 | 60.62 |
| Somali | 95 | 7.53 | 340.14 | 45.17 |
| Benishangul-Gumuz | * | 1.67 | * | * |
| S.N.N.P.R. | 247 | 3.30 | 319.99 | 96.97 |
| Gambela | 28 | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | 10 | * | 34.14 | * |

TABLE E -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

GREENPEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 93,677 | 0.40 | * | * |
| Tigray | 3,047 | 0.01 | * | * |
| Afar | - | - | - | - |
| Amhara | 9,162 | 0.05 | 4.28 | 85.6 |
| Oromia | 57,137 | 0.28 | 24.78 | 88.5 |
| Somali | 1,683 | 0.01 | * | * |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 17,825 | 0.05 | * | * |
| Gambela | * | * | 3.74 | * |
| Harari | - | - | - | - |
| Addis Abeba | 4,070 | * | * | * |
| Dire Dawa | * | - | - | - |

TABLE F -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

RED PEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,595 | 1,004.49 | 7,496.41 | 7.46 |
| Tigray | 75 | * | 3.70 | * |
| Afar | - | - | - | - |
| Amhara | 841 | 122.85 | 227.16 | 1.85 |
| Oromia | 1,830 | 483.86 | 2,202.33 | 4.55 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 338 | 100.04 | * | * |
| S.N.N.P.R. | 1,506 | 280.94 | 4,636.61 | 16.5 |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

SWISS CHARD

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 731 | * | 927.16 | * |
| Tigray | 63 | 7.21 | 58.88 | 8.17 |
| Afar | - | - | - | - |
| Amhara | 65 | 0.68 | 9.12 | 13.41 |
| Oromia | 54 | 3.29 | 43.86 | 13.33 |
| Somali | 4 | 0.10 | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 51 | 0.22 | * | * |
| Gambela | - | - | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 474 | * | 709.17 | * |
| Dire Dawa | - | - | - | - |

TABLE 5.6.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

ROOT CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 15,578 | 3,196.73 | 89,893.46 |
| Tigray | 109 | 34.75 | 286.20 |
| Afar | 56 | 59.06 | 714.86 |
| Amhara | 1,711 | 243.10 | 8,779.27 |
| Oromia | 5,031 | 1,556.05 | 35,593.44 |
| Somali | 81 | 16.98 | 645.86 |
| Benishangul-Gumuz | 102 | 18.74 | 1,243.35 |
| S.N.N.P.R. | 7,876 | 969.66 | 36,432.30 |
| Gambela | 40 | 1.98 | 35.56 |
| Harari | 23 | * | 61.97 |
| Addis Abeba | 543 | * | 6,082.56 |
| Dire Dawa | * | * | * |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

BEETROOT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 362 | 17.69 | * | * |
| Tigray | * | 0.68 | * | * |
| Afar | - | - | - | - |
| Amhara | 35 | 1.20 | * | * |
| Oromia | 170 | 5.00 | 147.50 | 29.5 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 90 | 1.25 | 44.55 | 35.64 |
| Gambela | - | - | - | - |
| Harari | * | - | * | - |
| Addis Abeba | 57 | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON
URBAN HOLDINGS

CARROT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 759 | * | 4,133.54 | * |
| Tigray | * | * | 10.01 | * |
| Afar | - | - | - | - |
| Amhara | 79 | 2.73 | 28.93 | 10.6 |
| Oromia | 243 | 11.35 | * | * |
| Somali | * | * | * | * |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 96 | 1.52 | 46.47 | 30.57 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 327 | * | 3,504.69 | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

ONION

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,674 | 656.78 | 22,412.72 | 34.13 |
| Tigray | 77 | 12.05 | 214.25 | 17.78 |
| Afar | 56 | 58.72 | 714.81 | 12.17 |
| Amhara | 280 | 44.67 | 1,261.19 | 28.23 |
| Oromia | 1,710 | 464.45 | 17,971.77 | 38.69 |
| Somali | 54 | 13.03 | 386.68 | 29.68 |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 385 | 9.83 | 733.68 | 74.64 |
| Gambela | * | * | 1.84 | * |
| Harari | * | - | * | - |
| Addis Abeba | 80 | * | * | * |
| Dire Dawa | * | * | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,983 | 1,291.74 | 28,582.41 | 22.13 |
| Tigray | 26 | * | 39.86 | * |
| Afar | - | - | - | - |
| Amhara | 1,188 | 154.93 | 5,729.02 | 36.98 |
| Oromia | 1,897 | 961.23 | 13,976.35 | 14.54 |
| Somali | 12 | 0.63 | 38.83 | 61.63 |
| Benishangul-Gumuz | 69 | 16.18 | 1,171.33 | 72.39 |
| S.N.N.P.R. | 1,605 | 103.63 | 7,004.82 | 67.59 |
| Gambela | * | * | * | * |
| Harari | * | - | * | - |
| Addis Abeba | 176 | 39.39 | 576.89 | 14.65 |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

GARLIC

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,024 | 57.64 | * | * |
| Tigray | 11 | * | * | * |
| Afar | - | - | - | - |
| Amhara | 265 | 34.24 | * | * |
| Oromia | 490 | 16.83 | 483.74 | 28.74 |
| Somali | 10 | 0.54 | * | * |
| Benishangul-Gumuz | 36 | 1.32 | * | * |
| S.N.N.P.R. | 70 | 0.36 | 20.11 | 55.86 |
| Gambela | - | - | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 142 | 1.21 | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

TARO / 'GODERE'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,327 | 414.05 | 13,826.64 | 33.39 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | * | * |
| Oromia | 690 | 71.45 | 1,599.20 | 22.38 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 3,621 | 342.01 | 12,218.45 | 35.73 |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON URBAN HOLDINGS

SWEET POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,283 | 548.08 | 17,536.75 | 32 |
| Tigray | - | - | - | - |
| Afar | 1 | 0.34 | 0.05 | 0.15 |
| Amhara | 25 | 4.88 | * | * |
| Oromia | 480 | 25.74 | 875.61 | 34.02 |
| Somali | 11 | 2.42 | 77.35 | 31.96 |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 3,734 | 511.06 | 16,364.22 | 32.02 |
| Gambela | * | * | * | * |
| Harari | 18 | * | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.7- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDING

ETHIOPIA

| Crop | Number of Holders | Area | | Production | | Yield |
|---|---|---|---|---|---|---|
| | | Hectares | % | Quintals | % | QT / HA |
| TOTAL | 10,336,572 | 9,160,103.69 | | 127,248,858.34 | | |
| Grain Crops | 10,135,179 | 8,803,764.86 | 100.00 | 104,713,967.36 | 100 | |
| Cereals | 9,980,106 | 7,187,389.92 | 81.64 | 91,599,717.74 | 87.48 | |
| Teff | 4,570,709 | 1,895,949.96 | 21.54 | 16,573,328.83 | 15.83 | 8.74 |
| Barley | 3,509,007 | 965,676.52 | 10.97 | 9,867,354.61 | 9.42 | 10.22 |
| Wheat | 3,308,748 | 1,089,778.91 | 12.38 | 14,837,367.43 | 14.17 | 13.62 |
| Maize | 7,023,895 | 1,702,036.13 | 19.33 | 30,862,098.40 | 29.47 | 18.13 |
| Sorghum | 3,498,115 | 1,195,199.59 | 13.58 | 15,826,272.81 | 15.11 | 13.24 |
| Finger Millet | 1,029,548 | 286,089.90 | 3.25 | 3,091,170.06 | 2.95 | 10.8 |
| Oats / "Aja" | 331,301 | 44,186.39 | 0.50 | 387,124.54 | 0.37 | 8.76 |
| Rice | 33,043 | 8,472.51 | 0.10 | 155,001.05 | 0.15 | 18.29 |
| Pulses | 5,452,870 | 1,178,207.23 | 13.38 | 10,976,090.31 | 10.48 | |
| Faba/Horse beans | 2,665,036 | 374,997.20 | 4.26 | 4,514,252.26 | 4.31 | 12.04 |
| Field peas | 1,258,204 | 205,683.10 | 2.34 | 1,548,666.50 | 1.48 | 7.53 |
| Haricot beans | 1,996,933 | 209,534.89 | 2.38 | 1,521,660.62 | 1.45 | 7.26 |
| Chick – peas | 808,810 | 196,439.85 | 2.23 | 1,856,271.78 | 1.77 | 9.45 |
| Lentils | 524,512 | 76,106.80 | 0.86 | 416,200.87 | 0.4 | 5.47 |
| Grass peas/Vetch | 442,819 | 86,016.13 | 0.98 | 936,000.22 | 0.89 | 10.88 |
| Soya beans | 15,219.00 | 1,896.34 | 0.02 | 16716.76 | 0.02 | 8.82 |
| Fenugreek | 223,180 | 20,239.20 | 0.23 | 106,553.74 | 0.1 | 5.26 |
| Gibto. | 43,443 | 7,293.70 | 0.08 | 59,767.55 | 0.06 | 8.19 |
| Oilseeds | 1,888,112 | 438,167.70 | 4.98 | 2,138,159.32 | 2.04 | |
| Neug. | 800,748 | 234,197.74 | 2.66 | 848,023.38 | 0.81 | 3.62 |
| Linseed | 591,514 | 103,622.04 | 1.18 | 526,166.90 | 0.5 | 5.08 |
| Groundnuts | 95,860.00 | 16,927.79 | 0.19 | 141776.33 | 0.14 | 8.38 |
| Safflower | 92,890 | 5,562.18 | 0.06 | 46,180.97 | 0.04 | 8.3 |
| Sesame | 224,074 | 62,747.81 | 0.71 | 406,471.52 | 0.39 | 6.48 |
| Rapeseed | 361,841 | 15,110.15 | 0.17 | 169,540.22 | 0.16 | 11.22 |
| Vegetables | 3,167,487 | 90,584.55 | 100.00 | 3,763,778.48 | 100 | |
| Lettuce | 14,759 | 248.01 | 0.27 | 13,868.86 | 0.37 | 55.92 |
| Head cabbage | 49,168 | 991.28 | 1.09 | 72,078.80 | 1.92 | 72.71 |
| Ethiopian cabbage | 1,813,931 | 24,928.13 | 27.52 | 2,121,866.03 | 56.38 | 85.12 |
| Tomatoes | 71,202 | 3,300.55 | 3.64 | 347,277.48 | 9.23 | 105.22 |
| Green peppers | 445,916 | 4,672.74 | 5.16 | 417,165.08 | 11.08 | 89.28 |
| Red peppers | 1,142,237 | 56,202.62 | 62.04 | 779,624.94 | 20.71 | 13.87 |
| Swiss chard | 25,805 | 241.22 | 0.27 | 11,897.32 | 0.32 | 49.32 |
| Root Crops | 3,767,948 | 265,754.27 | 100.00 | 18,771,112.49 | 100 | |
| Beetroot | 65,826 | 686.56 | 0.26 | 55,406.34 | 0.3 | 80.7 |
| Carrot | 43,975 | 1,037.84 | 0.39 | 76,881.51 | 0.41 | 74.08 |
| Onion | 632,378 | 20,443.92 | 7.69 | 2,572,052.63 | 13.7 | 125.81 |
| Potatoes | 1,869,236 | 164,145.90 | 61.77 | 9,402,087.53 | 50.09 | 57.28 |
| Garlic | 822,788 | 6,042.32 | 2.27 | 794,211.09 | 4.23 | 131.44 |
| Taro / "Godere" | 761,054.00 | 26,506.36 | 9.97 | 1,974,349.1 | 10.52 | 74.49 |
| Sweet potatoes | 788,178 | 46,891.37 | 17.64 | 3,896,124.30 | 20.76 | 83.09 |

TABLE 5.8. - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

TEMPORARY CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 10,336,572 | 9,160,103.69 | 127,248,858.34 |
| Tigray | 682,542 | 561,638.63 | 6,624,587.39 |
| Afar | 10,450 | 10,392.88 | 120,247.94 |
| Amhara | 3,005,991 | 3,159,027.70 | 39,197,798.27 |
| Oromia | 4,015,808 | 4,077,967.91 | 57,276,422.58 |
| Somali | 89,239 | 69,456.00 | 849,781.56 |
| Benishangul-Gumuz | 126,567 | 143,522.87 | 1,709,648.94 |
| S.N.N.P.R. | 2,331,873 | 1,087,318.01 | 20,820,888.50 |
| Gambela | 29,550 | 12,067.86 | 200,349.93 |
| Harari | 14,153 | 7,194.23 | 69,633.67 |
| Addis Abeba | 15,683 | 24,202.60 | 259,191.16 |
| Dire Dawa | 14,716 | 7,314.98 | 120,308.40 |

TABLE 5.8.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

GRAIN CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 10,135,179 | 8,803,764.86 | 104,713,967.36 |
| Tigray | 680,528 | 558,086.78 | 6,456,130.05 |
| Afar | 10,020 | 9,811.41 | 77,313.28 |
| Amhara | 2,986,359 | 3,061,006.65 | 33,762,050.93 |
| Oromia | 3,968,863 | 3,956,721.52 | 50,727,972.36 |
| Somali | 88,942 | 68,501.27 | 743,297.08 |
| Benishangul-Gumuz | 126,101 | 141,704.39 | 1,618,920.70 |
| S.N.N.P.R. | 2,202,173 | 958,620.87 | 10,777,434.21 |
| Gambela | 28,985 | 11,650.27 | 165,689.23 |
| Harari | 14,070 | 7,060.51 | 60,418.21 |
| Addis Abeba | 14,449 | 23,530.88 | 224,330.31 |
| Dire Dawa | 14,689 | 7,070.31 | 100,411.01 |

TABLE 5.8.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

CEREALS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 9,980,106 | 7,187,389.92 | 91,599,717.74 |
| Tigray | 672,555 | 481,416.64 | 5,836,556.21 |
| Afar | 9,879 | 9,514.25 | 76,235.81 |
| Amhara | 2,955,714 | 2,350,341.66 | 27,814,311.07 |
| Oromia | 3,925,366 | 3,334,025.60 | 45,847,097.55 |
| Somali | 88,739 | 66,091.20 | 734,121.42 |
| Benishangul-Gumuz | 124,592 | 107,879.26 | 1,424,611.27 |
| S.N.N.P.R. | 2,132,374 | 796,706.36 | 9,381,517.87 |
| Gambela | 28,468 | 11,036.38 | 163,283.77 |
| Harari | 13,870 | 5,300.74 | 46,283.20 |
| Addis Abeba | 13,860 | 18,245.72 | 177,651.80 |
| Dire Dawa | 14,689 | 6,832.11 | 98,047.77 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

TEFF

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 4,570,709 | 1,895,949.96 | 16,573,328.83 | 8.74 |
| Tigray | 398,162 | 129,545.33 | 1,042,960.23 | 8.05 |
| Afar | 1,958 | 816.96 | 3,496.02 | 4.28 |
| Amhara | 1,864,148 | 796,635.09 | 7,093,620.35 | 8.9 |
| Oromia | 1,672,222 | 800,440.20 | 7,234,052.51 | 9.04 |
| Somali | 276 | * | 261.17 | * |
| Benishangul-Gumuz | 24,235 | 10,993.77 | 77,228.87 | 7.02 |
| S.N.N.P.R. | 597,940 | 148,274.33 | 1,046,871.71 | 7.06 |
| Gambela | 115 | 4.99 | * | * |
| Harari | * | * | * | * |
| Addis Abeba | 11,606 | 9,182.78 | 74,798.84 | 8.15 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

BARLEY

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,509,007 | 965,676.52 | 9,867,354.61 | 10.22 |
| Tigray | 311,285 | 56,118.61 | 599,166.80 | 10.68 |
| Afar | 356 | 22.31 | 162.55 | 7.29 |
| Amhara | 1,239,059 | 347,672.52 | 3,360,658.62 | 9.67 |
| Oromia | 1,329,040 | 474,558.66 | 5,010,413.19 | 10.56 |
| Somali | 22,513 | 6,639.45 | 58,205.78 | 8.77 |
| Benishangul-Gumuz | 4,019 | 1,086.39 | 10,597.87 | 9.76 |
| S.N.N.P.R. | 600,803 | 79,122.15 | 824,606.59 | 10.42 |
| Gambela | 187 | 9.47 | 21.37 | 2.26 |
| Harari | 445 | 20.15 | * | * |
| Addis Abeba | 1,107 | 423.16 | 3,348.21 | 7.91 |
| Dire Dawa | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

WHEAT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,308,748 | 1,089,778.91 | 14,837,367.43 | 13.62 |
| Tigray | 283,402 | 64,642.13 | 751,316.36 | 11.62 |
| Afar | 400 | 56.73 | 196.55 | 3.46 |
| Amhara | 1,050,744 | 300,791.36 | 3,641,101.82 | 12.11 |
| Oromia | 1,436,121 | 609,912.36 | 8,835,745.98 | 14.49 |
| Somali | 29,463 | 8,517.80 | 111,426.01 | 13.08 |
| Benishangul-Gumuz | 2,911 | 898.26 | 9,752.02 | 10.86 |
| S.N.N.P.R. | 493,536 | 96,329.76 | 1,388,176.03 | 14.41 |
| Gambela | * | * | - | - |
| Harari | 1,610 | 104.74 | 695.40 | 6.64 |
| Addis Abeba | 10,446 | 8,522.92 | 98,944.17 | 11.61 |
| Dire Dawa | * | * | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

MAIZE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 7,023,895 | 1,702,036.13 | 30,862,098.40 | 18.13 |
| Tigray | 409,737 | 58,036.68 | 913,673.48 | 15.74 |
| Afar | 9,071 | 7,193.21 | 61,440.10 | 8.54 |
| Amhara | 1,774,710 | 313,548.09 | 6,527,108.91 | 20.82 |
| Oromia | 2,923,740 | 906,267.31 | 17,450,664.01 | 19.26 |
| Somali | 72,504 | 28,298.95 | 273,368.84 | 9.66 |
| Benishangul-Gumuz | 95,759 | 21,530.44 | 421,741.62 | 19.59 |
| S.N.N.P.R. | 1,693,040 | 357,497.87 | 5,071,809.37 | 14.19 |
| Gambela | 27,037 | 8,141.95 | 127,522.15 | 15.66 |
| Harari | 9,824 | 991.14 | 9,186.14 | 9.27 |
| Addis Abeba | 2,585 | 64.95 | 190.41 | 2.93 |
| Dire Dawa | 5,889 | 465.54 | 5,393.36 | 11.59 |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

SORGHUM

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 3,498,115 | 1,195,199.59 | 15,826,272.81 | 13.24 |
| Tigray | 273,034 | 117,231.70 | 1,937,639.27 | 16.53 |
| Afar | 2,304 | 1,405.68 | 10,940.59 | 7.78 |
| Amhara | 966,183 | 415,223.50 | 5,259,658.73 | 12.67 |
| Oromia | 1,509,398 | 462,913.35 | 6,500,297.22 | 14.04 |
| Somali | 53,902 | 22,123.35 | 286,875.52 | 12.97 |
| Benishangul-Gumuz | 92,657 | 53,841.29 | 684,258.44 | 12.71 |
| S.N.N.P.R. | 562,814 | 109,096.10 | 982,759.55 | 9.01 |
| Gambela | 10,367 | 2,784.91 | 34,704.64 | 12.46 |
| Harari | 12,916 | 4,179.82 | 36,241.56 | 8.67 |
| Addis Abeba | 190 | 41.85 | 294.34 | 7.03 |
| Dire Dawa | 14,351 | 6,358.04 | 92,602.97 | 14.56 |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

FINGER MILLET

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,029,548 | 286,089.90 | 3,091,170.06 | 10.8 |
| Tigray | 221,139 | 55,427.15 | 588,621.45 | 10.62 |
| Afar | * | * | - | - |
| Amhara | 456,187 | 156,462.06 | 1,682,931.75 | 10.76 |
| Oromia | 258,101 | 50,065.17 | 549,955.20 | 10.98 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 34,481 | 18,356.26 | 208,186.54 | 11.34 |
| S.N.N.P.R. | 58,636 | 5,679.07 | 60,841.86 | 10.71 |
| Gambela | 732 | 55.24 | 629.00 | 11.39 |
| Harari | * | * | * | * |
| Addis Abeba | * | * | * | * |
| Dire Dawa | * | * | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

OATS / 'AJA'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 331,301 | 44,186.39 | 387,124.54 | 8.76 |
| Tigray | 2,273 | 413.33 | 3,178.61 | 7.69 |
| Afar | - | - | - | - |
| Amhara | 131,190 | 13,354.82 | 116,823.34 | 8.75 |
| Oromia | 174,956 | 29,274.95 | 256,399.55 | 8.76 |
| Somali | 5,398 | 436.96 | 3,984.11 | 9.12 |
| Benishangul-Gumuz | 513 | 27.60 | 213.81 | 7.75 |
| S.N.N.P.R. | 16,719 | 667.93 | 6,450.18 | 9.66 |
| Gambela | 57 | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | * | * | 71.73 | * |
| Dire Dawa | * | * | * | * |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

RICE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 33,043 | 8,472.51 | 155,001.05 | 18.29 |
| Tigray | * | * | - | - |
| Afar | - | - | - | - |
| Amhara | 23,986 | 6,654.21 | 132,407.57 | 19.9 |
| Oromia | 4,744 | 593.61 | 9,569.91 | 16.12 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 2,831 | 1,145.27 | 12,632.09 | 11.03 |
| S.N.N.P.R. | 1,093 | * | * | * |
| Gambela | 329 | 38.57 | 384.60 | 9.97 |
| Harari | * | - | * | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.8.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

PULSES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 5,452,870 | 1,178,207.23 | 10,976,090.31 |
| Tigray | 302,000 | 44,930.06 | 438,686.70 |
| Afar | 902 | 154.90 | 329.85 |
| Amhara | 1,792,813 | 531,665.80 | 5,075,582.12 |
| Oromia | 1,919,775 | 428,360.90 | 3,961,369.08 |
| Somali | 15,394 | 1,905.00 | 6,778.97 |
| Benishangul-Gumuz | 45,661 | 6,967.64 | 62,002.46 |
| S.N.N.P.R. | 1,353,840 | 158,071.51 | 1,379,896.66 |
| Gambela | 5,730 | 225.33 | 1,106.42 |
| Harari | 3,362 | 474.48 | 1,550.66 |
| Addis Abeba | 10,230 | 5,247.78 | 46,648.27 |
| Dire Dawa | 3,165 | 203.85 | 2,139.11 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

FABA/HORSE BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 2,665,036 | 374,997.20 | 4,514,252.26 | 12.04 |
| Tigray | 179,699 | 15,211.29 | 200,602.71 | 13.19 |
| Afar | 28 | 1.99 | * | * |
| Amhara | 1,073,375 | 170,124.14 | 2,111,647.12 | 12.41 |
| Oromia | 898,467 | 140,258.32 | 1,685,431.30 | 12.02 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 4,623 | 585.99 | 5,648.59 | 9.64 |
| S.N.N.P.R. | 506,023 | 48,514.28 | 508,348.48 | 10.48 |
| Gambela | 89 | * | * | * |
| Harari | 90 | 1.42 | * | * |
| Addis Abeba | 2,503 | 283.44 | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

FIELD PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,258,204 | 205,683.10 | 1,548,666.50 | 7.53 |
| Tigray | 41,538 | 3,801.09 | 38,137.06 | 10.03 |
| Afar | * | * | * | * |
| Amhara | 560,085 | 87,192.41 | 685,497.54 | 7.86 |
| Oromia | 411,582 | 84,002.72 | 589,010.38 | 7.01 |
| Somali | 989 | 89.35 | * | * |
| Benishangul-Gumuz | 2,857 | 735.94 | 5,129.36 | 6.97 |
| S.N.N.P.R. | 240,457 | 29,757.01 | 229,941.22 | 7.73 |
| Gambela | * | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 437 | 94.17 | 435.68 | 4.63 |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

HARICOT BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,996,933 | 209,534.89 | 1,521,660.62 | 7.26 |
| Tigray | 16,220 | 2,310.57 | 9,991.25 | 4.32 |
| Afar | 609 | 61.83 | 176.64 | 2.86 |
| Amhara | 189,119 | 29,983.88 | 178,479.32 | 5.95 |
| Oromia | 829,247 | 98,217.85 | 696,996.38 | 7.1 |
| Somali | 9,364 | 1,224.32 | 2,572.95 | 2.1 |
| Benishangul-Gumuz | 33,108 | 3,954.69 | 35,346.51 | 8.94 |
| S.N.N.P.R. | 907,579 | 72,898.09 | 593,386.50 | 8.14 |
| Gambela | 5,494 | 221.15 | 1,104.42 | 4.99 |
| Harari | 2,910 | 457.80 | 1,472.02 | 3.22 |
| Addis Abeba | 162 | 3.28 | * | * |
| Dire Dawa | 3,123 | 201.42 | 2,126.76 | 10.56 |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

CHICK-PEAS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 808,810 | 196,439.85 | 1,856,271.78 | 9.45 |
| Tigray | 69,033 | 12,227.21 | 104,873.42 | 8.58 |
| Afar | 422 | 82.78 | 142.55 | 1.72 |
| Amhara | 494,189 | 118,448.93 | 1,089,787.01 | 9.2 |
| Oromia | 191,882 | 56,942.89 | 590,874.14 | 10.38 |
| Somali | 3,740 | 415.76 | 2,646.51 | 6.37 |
| Benishangul-Gumuz | 2,445 | 377.38 | 2,344.55 | 6.21 |
| S.N.N.P.R. | 39,395 | 5,266.92 | 38,823.23 | 7.37 |
| Gambela | * | * | - | - |
| Harari | 334 | * | * | * |
| Addis Abeba | 7,361 | 2,668.07 | 26,748.60 | 10.03 |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

LENTILS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 524,512 | 76,106.80 | 416,200.87 | 5.47 |
| Tigray | 41,876 | 4,794.03 | 30,155.89 | 6.29 |
| Afar | 66 | 3.17 | 0.32 | 0.1 |
| Amhara | 340,500 | 54,046.57 | 288,588.45 | 5.34 |
| Oromia | 117,859 | 15,740.42 | 88,813.59 | 5.64 |
| Somali | 849 | 83.71 | 862.73 | 10.31 |
| Benishangul-Gumuz | 770 | 41.59 | 194.89 | 4.69 |
| S.N.N.P.R. | 20,044 | 831.68 | 4,261.87 | 5.12 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 442,819 | 86,016.13 | 936,000.22 | 10.88 |
| Tigray | 33,394 | 6,018.83 | 52,813.79 | 8.77 |
| Afar | - | - | - | - |
| Amhara | 282,287 | 55,551.86 | 600,380.43 | 10.81 |
| Oromia | 115,976 | 22,517.44 | 266,381.51 | 11.83 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 183 | 20.06 | 22.97 | 1.15 |
| S.N.N.P.R. | 4,088 | 473.90 | 3,577.66 | 7.55 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 6,838 | 1,414.32 | 12,823.87 | 9.07 |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

SOYA BEANS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 15,219 | 1,896.34 | 16,716.76 | 8.82 |
| Tigray | 585 | 50.60 | 130.67 | 2.58 |
| Afar | - | - | - | - |
| Amhara | 1,691 | 256.75 | 2,068.31 | 8.06 |
| Oromia | 3,211 | 286.16 | 1,456.38 | 5.09 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 6,177 | 1,212.30 | 12,899.15 | 10.64 |
| S.N.N.P.R. | 3,361 | 89.66 | 162.26 | 1.81 |
| Gambela | * | 0.09 | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

FENUGREEK

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 223,180 | 20,239.20 | 106,553.74 | 5.26 |
| Tigray | 7,457 | 516.18 | 1,981.91 | 3.84 |
| Afar | * | * | - | - |
| Amhara | 101,002 | 8,833.14 | 59,763.47 | 6.77 |
| Oromia | 96,715 | 10,368.07 | 42,403.06 | 4.09 |
| Somali | 1,702 | 56.86 | 189.84 | 3.34 |
| Benishangul-Gumuz | 216 | * | * | * |
| S.N.N.P.R. | 13,881 | 237.48 | * | * |
| Gambela | * | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 2,082 | 219.12 | 783.56 | 3.58 |
| Dire Dawa | * | * | * | * |

TABLE I - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

GIBTO

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 43,443 | 7,293.70 | 59,767.55 | 8.19 |
| Tigray | 195 | * | - | - |
| Afar | - | - | - | - |
| Amhara | 41,547 | 7,228.13 | 59,370.48 | 8.21 |
| Oromia | 745 | * | * | * |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 191 | 34.60 | 394.73 | 11.41 |
| S.N.N.P.R. | 713 | * | - | - |
| Gambela | 53 | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.8.1.3 – ESTIMA TE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

OILSEEDS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 1,888,112 | 438,167.70 | 2,138,159.32 |
| Tigray | 109,318 | 31,740.07 | 180,887.14 |
| Afar | 847 | 142.26 | 747.61 |
| Amhara | 860,876 | 178,999.20 | 872,157.75 |
| Oromia | 730,993 | 194,335.02 | 919,505.73 |
| Somali | 6,587 | 505.07 | 2,396.70 |
| Benishangul-Gumuz | 73,964 | 26,857.49 | 132,306.97 |
| S.N.N.P.R. | 95,825 | 3,842.99 | 16,019.67 |
| Gambela | 2,505 | 388.56 | 1,299.04 |
| Harari | 6,450 | 1,285.30 | 12,584.35 |
| Addis Abeba | 308 | 37.38 | 30.23 |
| Dire Dawa | 439 | 34.36 | 224.13 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

NEUG

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 800,748 | 234,197.74 | 848,023.38 | 3.62 |
| Tigray | 32,989 | 5,176.00 | 27,233.09 | 5.26 |
| Afar | 39 | 0.74 | 1.46 | 1.97 |
| Amhara | 425,518 | 120,023.38 | 451,307.74 | 3.76 |
| Oromia | 303,972 | 94,156.61 | 327,595.10 | 3.48 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 33,326 | 13,882.58 | 39,635.65 | 2.86 |
| S.N.N.P.R. | 4,694 | 929.15 | 2,243.20 | 2.41 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 82 | 24.59 | * | * |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

LINSEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 591,514 | 103,622.04 | 526,166.90 | 5.08 |
| Tigray | 45,562 | 4,437.41 | 17,109.34 | 3.86 |
| Afar | 29 | * | * | * |
| Amhara | 238,792 | 24,240.60 | 106,794.42 | 4.41 |
| Oromia | 266,158 | 73,292.21 | 397,268.47 | 5.42 |
| Somali | 5,629 | 445.52 | 1,409.81 | 3.16 |
| Benishangul-Gumuz | 4,316 | 201.47 | 462.15 | 2.29 |
| S.N.N.P.R. | 30,891 | 982.64 | 3,096.14 | 3.15 |
| Gambela | 65 | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | 73 | 11.95 | * | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

GROUNDNUTS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 95,860 | 16,927.79 | 141,776.33 | 8.38 |
| Tigray | * | 21.40 | * | * |
| Afar | * | * | * | * |
| Amhara | 6,507 | * | * | * |
| Oromia | 54,481 | 10,183.02 | 78,111.51 | 7.67 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 17,194 | 2,724.18 | 25,875.77 | 9.5 |
| S.N.N.P.R. | 8,714 | 919.03 | * | * |
| Gambela | 1,153 | 43.43 | 471.74 | 10.86 |
| Harari | 6,435 | 1,275.90 | 12,494.18 | 9.79 |
| Addis Abeba | - | - | - | - |
| Dire Dawa | 308 | 24.57 | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

SAFFLOWER

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 92,890 | 5,562.18 | 46,180.97 | 8.3 |
| Tigray | 1,465 | 45.13 | 114.19 | 2.53 |
| Afar | 208 | 10.76 | 32.83 | 3.05 |
| Amhara | 66,978 | 4,260.21 | 37,859.57 | 8.89 |
| Oromia | 14,367 | 925.83 | 6,151.01 | 6.64 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 1,489 | 95.33 | 634.59 | 6.66 |
| S.N.N.P.R. | 8,164 | 224.01 | 1,388.79 | 6.2 |
| Gambela | 183 | 0.77 | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 36 | * | - | - |
| Dire Dawa | - | - | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

SESAME

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 224,074 | 62,747.81 | 406,471.52 | 6.48 |
| Tigray | 36,782 | 22,029.26 | 136,246.53 | 6.18 |
| Afar | 592 | * | * | * |
| Amhara | 86,119 | 19,963.21 | 136,727.56 | 6.85 |
| Oromia | 55,231 | 10,220.74 | 66,056.85 | 6.46 |
| Somali | 98 | * | * | * |
| Benishangul-Gumuz | 40,588 | 9,853.12 | 64,860.19 | 6.58 |
| S.N.N.P.R. | 3,167 | 180.59 | 535.15 | 2.96 |
| Gambela | 1,174 | 339.83 | 817.28 | 2.4 |
| Harari | 192 | * | * | * |
| Addis Abeba | - | - | - | - |
| Dire Dawa | * | * | * | * |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

RAPESEED

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 361,841 | 15,110.15 | 169,540.22 | 11.22 |
| Tigray | 939 | 30.87 | 97.46 | 3.16 |
| Afar | - | - | - | - |
| Amhara | 190,943 | 8,813.00 | 122,620.65 | 13.91 |
| Oromia | 123,614 | 5,556.61 | 44,322.78 | 7.98 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 3,586 | 100.81 | 838.62 | 8.32 |
| S.N.N.P.R. | 42,538 | 607.57 | 1,653.93 | 2.72 |
| Gambela | 103 | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | 117 | 0.71 | 2.35 | 3.31 |
| Dire Dawa | - | - | - | - |

TABLE 5.8.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

VEGETABLES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 3,167,487 | 90,584.55 | 3,763,778.48 |
| Tigray | 97,161 | 1,659.37 | 55,577.44 |
| Afar | 891 | 237.88 | 10,424.05 |
| Amhara | 737,406 | 18,909.13 | 436,531.01 |
| Oromia | 1,100,963 | 34,990.62 | 1,382,922.21 |
| Somali | 1,909 | 107.89 | 11,796.11 |
| Benishangul-Gumuz | 29,091 | 1,021.61 | 22,653.20 |
| S.N.N.P.R. | 1,189,947 | 33,271.20 | 1,824,009.08 |
| Gambela | 4,843 | 68.39 | 5,784.92 |
| Harari | 391 | 22.32 | * |
| Addis Abeba | 2,815 | 212.11 | 7,068.34 |
| Dire Dawa | 2,070 | 84.04 | 6,459.82 |

TABLE A -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

LETTUCE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 14,759 | 248.01 | 13,868.86 | 55.92 |
| Tigray | 4,978 | 37.77 | 938.19 | 24.84 |
| Afar | - | - | - | - |
| Amhara | 1,952 | * | * | * |
| Oromia | 4,796 | 151.03 | 10,715.41 | 70.95 |
| Somali | * | 1.03 | * | * |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 2,018 | 6.62 | * | * |
| Gambela | - | - | - | - |
| Harari | 33 | * | * | * |
| Addis Abeba | 457 | 26.23 | * | * |
| Dire Dawa | - | - | - | - |

TABLE B -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

HEAD CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 49,168 | 991.28 | 72,078.80 | 72.71 |
| Tigray | 3,595 | 79.14 | 1,719.45 | 21.73 |
| Afar | * | * | - | - |
| Amhara | 8,413 | 116.96 | 9,173.10 | 78.43 |
| Oromia | 24,386 | 609.23 | 46,718.90 | 76.69 |
| Somali | * | 8.97 | * | * |
| Benishangul-Gumuz | 719 | 2.25 | 261.86 | 116.38 |
| S.N.N.P.R. | 11,537 | 153.42 | 12,704.58 | 82.81 |
| Gambela | * | * | * | * |
| Harari | * | * | - | - |
| Addis Abeba | 265 | 19.73 | 937.60 | 47.52 |
| Dire Dawa | * | - | - | - |

TABLE C -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,813,931 | 24,928.13 | 2,121,866.03 | 85.12 |
| Tigray | 1,524 | 17.39 | 576.03 | 33.12 |
| Afar | 98 | * | 0.03 | * |
| Amhara | 101,803 | 861.12 | 34,893.29 | 40.52 |
| Oromia | 604,187 | 8,045.69 | 633,512.47 | 78.74 |
| Somali | 201 | * | * | * |
| Benishangul-Gumuz | 2,255 | * | * | * |
| S.N.N.P.R. | 1,098,350 | 15,820.26 | 1,440,604.80 | 91.06 |
| Gambela | 3,010 | 31.18 | 3,650.88 | 117.09 |
| Harari | 148 | * | * | * |
| Addis Abeba | 2,356 | 90.59 | 4,381.20 | 48.36 |
| Dire Dawa | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

TOMATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 71,202 | 3,300.55 | 347,277.48 | 105.22 |
| Tigray | 12,739 | 322.44 | 23,511.85 | 72.92 |
| Afar | 467 | 215.88 | 10,173.63 | 47.13 |
| Amhara | 16,575 | 468.61 | * | * |
| Oromia | 26,838 | 1,994.98 | 169,912.54 | 85.17 |
| Somali | 1,254 | 74.43 | 9,845.26 | 132.28 |
| Benishangul-Gumuz | 2,199 | 24.05 | 1,077.57 | 44.81 |
| S.N.N.P.R. | 8,205 | 99.73 | 11,581.23 | 116.13 |
| Gambela | 702 | 10.50 | 1,243.99 | 118.48 |
| Harari | * | * | - | - |
| Addis Abeba | 68 | * | * | * |
| Dire Dawa | 2,041 | 79.08 | 6,454.49 | 81.62 |

TABLE E -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

GREENPEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 445,916 | 4,672.74 | 417,165.08 | 89.28 |
| Tigray | 25,188 | 277.46 | 20,838.18 | 75.1 |
| Afar | 143 | 2.42 | * | * |
| Amhara | 87,799 | 853.82 | 79,483.48 | 93.09 |
| Oromia | 256,160 | 2,707.33 | 219,985.49 | 81.26 |
| Somali | 380 | 13.78 | * | * |
| Benishangul-Gumuz | 3,123 | 27.41 | 2,451.33 | 89.43 |
| S.N.N.P.R. | 71,375 | 778.35 | 92,388.54 | 118.7 |
| Gambela | 983 | 5.54 | 486.81 | 87.87 |
| Harari | * | * | * | * |
| Addis Abeba | 437 | 1.48 | 111.68 | 75.46 |
| Dire Dawa | * | * | * | * |

TABLE F -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

RED PEPPERS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,142,237 | 56,202.62 | 779,624.94 | 13.87 |
| Tigray | 59,651 | 875.94 | 6,680.48 | 7.63 |
| Afar | 346 | * | 86.58 | * |
| Amhara | 551,406 | 16,557.79 | 195,969.05 | 11.84 |
| Oromia | 364,140 | 21,436.92 | 297,283.49 | 13.87 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 24,250 | 920.89 | 15,219.92 | 16.53 |
| S.N.N.P.R. | 141,388 | 16,366.37 | 264,080.36 | 16.14 |
| Gambela | 947 | 20.28 | 305.06 | 15.04 |
| Harari | * | * | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G -ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS ALL HOLDINGS

SWISS CHARD

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 25,805 | 241.22 | 11,897.32 | 49.32 |
| Tigray | 5,593 | 49.24 | 1,313.26 | 26.67 |
| Afar | - | - | - | - |
| Amhara | 7,681 | 27.19 | 2,582.50 | 94.98 |
| Oromia | 5,453 | 45.44 | 4,793.90 | 105.5 |
| Somali | * | * | - | - |
| Benishangul-Gumuz | 111 | * | * | * |
| S.N.N.P.R. | 6,237 | 46.45 | 2,360.99 | 50.83 |
| Gambela | * | * | - | - |
| Harari | * | * | * | * |
| Addis Abeba | 672 | * | 763.33 | * |
| Dire Dawa | - | - | - | - |

TABLE 5.8.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

ROOT CROPS

| Geographic Area | Number of Holders | Area Hectares | Production Quintals |
|---|---|---|---|
| Ethiopia | 3,767,948 | 265,754.27 | 18,771,112.49 |
| Tigray | 62,850 | 1,892.48 | 112,879.90 |
| Afar | 546 | 343.59 | 32,510.62 |
| Amhara | 1,021,022 | 79,111.93 | 4,999,216.31 |
| Oromia | 1,333,490 | 86,255.78 | 5,165,528.01 |
| Somali | 10,683 | 846.83 | 94,688.36 |
| Benishangul-Gumuz | 25,778 | 796.87 | 68,075.04 |
| S.N.N.P.R. | 1,292,311 | 95,425.94 | 8,219,445.21 |
| Gambela | 9,040 | 349.19 | 28,875.79 |
| Harari | 2,181 | 111.41 | 8,663.17 |
| Addis Abeba | 6,281 | 459.61 | 27,792.52 |
| Dire Dawa | 3,765 | 160.63 | 13,437.57 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

BEETROOT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 65,826 | 686.56 | 55,406.34 | 80.7 |
| Tigray | 1,021 | 13.65 | * | * |
| Afar | - | - | - | - |
| Amhara | 8,323 | 90.97 | 7,468.52 | 82.1 |
| Oromia | 38,440 | 478.78 | 37,370.65 | 78.05 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 462 | 0.47 | 46.63 | 99.21 |
| S.N.N.P.R. | 17,042 | 81.47 | 7,859.20 | 96.47 |
| Gambela | * | * | * | * |
| Harari | * | - | * | - |
| Addis Abeba | 335 | 16.40 | 1,330.06 | 81.1 |
| Dire Dawa | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

CARROT

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 43,975 | 1,037.84 | 76,881.51 | 74.08 |
| Tigray | 3,771 | 63.12 | 5,007.57 | 79.33 |
| Afar | - | - | - | - |
| Amhara | 12,161 | 199.58 | 14,140.32 | 70.85 |
| Oromia | 16,952 | 390.48 | 33,054.70 | 84.65 |
| Somali | * | * | * | * |
| Benishangul-Gumuz | 777 | 1.53 | 145.88 | 95.35 |
| S.N.N.P.R. | 8,741 | 54.44 | 4,397.16 | 80.77 |
| Gambela | * | * | - | - |
| Harari | - | - | - | - |
| Addis Abeba | 1,556 | * | 20,131.73 | * |
| Dire Dawa | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

ONION

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 632,378 | 20,443.92 | 2,572,052.63 | 125.81 |
| Tigray | 31,490 | 1,038.48 | 49,947.53 | 48.1 |
| Afar | 442 | 339.57 | 32,373.21 | 95.34 |
| Amhara | 172,931 | 4,788.48 | * | * |
| Oromia | 278,201 | 12,028.03 | 1,030,247.93 | 85.65 |
| Somali | 4,231 | 342.97 | 33,322.51 | 97.16 |
| Benishangul-Gumuz | 3,226 | 33.43 | 2,869.17 | 85.83 |
| S.N.N.P.R. | 139,462 | 1,769.00 | 184,805.59 | 104.47 |
| Gambela | 273 | 0.49 | * | * |
| Harari | * | * | * | * |
| Addis Abeba | 898 | * | 3,624.90 | * |
| Dire Dawa | 1,193 | 48.08 | * | * |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 1,869,236 | 164,145.90 | 9,402,087.53 | 57.28 |
| Tigray | 17,530 | 575.09 | 32,312.28 | 56.19 |
| Afar | * | * | - | - |
| Amhara | 618,853 | 71,325.18 | 3,393,533.73 | 47.58 |
| Oromia | 610,896 | 53,963.63 | 2,289,610.05 | 42.43 |
| Somali | 1,477 | 47.49 | 4,778.59 | 100.62 |
| Benishangul-Gumuz | 8,063 | 478.78 | 36,437.88 | 76.11 |
| S.N.N.P.R. | 610,694 | 37,640.41 | 3,639,651.16 | 96.7 |
| Gambela | 310 | 3.74 | 202.73 | 54.21 |
| Harari | 620 | * | * | * |
| Addis Abeba | 297 | 46.17 | 778.09 | 16.85 |
| Dire Dawa | * | * | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

GARLIC

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 822,788 | 6,042.32 | 794,211.09 | 131.44 |
| Tigray | 21,899 | 200.41 | 24,731.77 | 123.41 |
| Afar | - | - | - | - |
| Amhara | 416,131 | 2,483.83 | 337,302.55 | 135.8 |
| Oromia | 266,444 | 2,405.80 | 288,463.96 | 119.9 |
| Somali | 4,717 | 269.51 | 40,463.68 | 150.14 |
| Benishangul-Gumuz | 4,009 | 24.49 | 3,217.99 | 131.4 |
| S.N.N.P.R. | 104,581 | 643.79 | 98,007.75 | 152.24 |
| Gambela | 493 | 0.79 | 98.19 | 124.29 |
| Harari | - | - | - | - |
| Addis Abeba | 4,492 | 13.43 | 1,925.21 | 143.35 |
| Dire Dawa | * | * | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

TARO /"GODERE'

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 761,054 | 26,506.36 | 1,974,349.10 | 74.49 |
| Tigray | - | - | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | * | * |
| Oromia | 222,789 | 6,147.87 | 471,057.48 | 76.62 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | 760 | 9.36 | 748.45 | 79.96 |
| S.N.N.P.R. | 530,572 | 20,100.48 | 1,484,845.40 | 73.87 |
| Gambela | 6,684 | 231.84 | 17,696.71 | 76.33 |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS
ALL HOLDINGS

SWEET POTATOES

| Geographic Area | Number of Holders | Area Hectares | Production Quintals | Yield QT / HA |
|---|---|---|---|---|
| Ethiopia | 788,178 | 46,891.37 | 3,896,124.30 | 83.09 |
| Tigray | 327 | 1.73 | 143.89 | 83.17 |
| Afar | 113 | * | * | * |
| Amhara | 7,586 | 207.06 | 17,258.22 | 83.35 |
| Oromia | 264,076 | 10,841.18 | 1,015,723.26 | 93.69 |
| Somali | 2,305 | 181.97 | 15,531.85 | 85.35 |
| Benishangul-Gumuz | 14,438 | 248.83 | 24,609.05 | 98.9 |
| S.N.N.P.R. | 491,457 | 35,136.35 | 2,799,878.96 | 79.69 |
| Gambela | 3,240 | 112.01 | 10,827.54 | 96.67 |
| Harari | 1,721 | 63.52 | 4,741.87 | 74.65 |
| Addis Abeba | * | 0.05 | * | * |
| Dire Dawa | 2,849 | 94.67 | 7,269.77 | 76.79 |

TABLE 5.9 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

ETHIOPIA

| PERMANENT CROPS | NUMBER OF HOLDERS REPORTING | AREA IN CROP (HA) | % | TOTAL NUMBER OF TREES | NUMBER OF TREES PER HECTARE | NUMBER OF TREES BEARING | PRODUCTION (QT) | % | YIELD (QT / HA) |
|---|---|---|---|---|---|---|---|---|---|
| ALL | 4,571,741 | 404,715.40 | | | | | | | |
| Fruit Crops | 1,920,528 | 34,582.20 | 100.00 | 33,325,435 | 964 | 16,347,041 | 1,907,352.04 | 100.00 | |
| Avocados | 317,642 | 2,413.96 | 6.98 | 973,744 | 403 | 759,433 | 138,884.83 | 7.28 | 57.53 |
| Bananas | 1,315,518 | 21,267.78 | 61.50 | 26,982,664 | 1,269 | 11,595,759 | 1,223,719.99 | 64.16 | 57.54 |
| Guavas | 137,405 | 1,223.70 | 3.54 | 525,817 | 430 | 384,613 | 16,581.81 | 0.87 | 13.55 |
| Lemons | 110,895 | 748.60 | 2.16 | 281,690 | 376 | 198,196 | 11,715.70 | 0.61 | 15.65 |
| Mangoes | 288,990 | 3,641.76 | 10.53 | 1,094,562 | 301 | 867,646 | 198,032.95 | 10.38 | 54.38 |
| Oranges | 304,570 | 2,402.16 | 6.95 | 1,444,048 | 601 | 1,013,567 | 132,504.11 | 6.95 | 55.16 |
| Papayas | 396,174 | 2,713.48 | 7.85 | 1,967,620 | 725 | 1,516,147 | 182,959.24 | 9.59 | 67.43 |
| Pineapples | 10,747 | 170.15 | 0.49 | - | - | - | * | * | * |
| Stimulant Crops | 4,129,844 | 358,348.52 | 100.00 | 64,505,751 | 3,497 | 47,813,005 | 2,614,778.23 | 100.00 | |
| Chat | 1,531,718 | 96,066.25 | 26.81 | - | - | - | 796,520.04 | 30.46 | 8.29 |
| Coffee | 2,342,290 | 243,833.97 | 68.04 | - | - | - | 1,571,752.65 | 60.11 | 6.45 |
| Hops (Gesho) | 1,499,888 | 18,448.31 | 5.15 | 64,505,751 | 3,497 | 47,813,005 | 246,505.54 | 9.43 | 13.36 |
| Other Permanent | 559,302 | 11,774.83 | 100.00 | - | - | -- | 783,802.92 | 100.00 | |
| Sugar Cane | 557,580 | 11,774.83 | 99.92 | - | - | - | 783,802.92 | 100.00 | 66.57 |

TABLE 5.10 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
RURAL HOLDINGS

PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 4,571,74[1] | 404,715.40 | 105,084,662 | 260 | 70,813,992 | 5,305,933.19 |
| Tigray | 105,803 | 1,934.04 | 1,919,077 | 992 | 1,457,276 | 64,937.39 |
| Afar | * | * | * | * | * | - |
| Amhara | 913,355 | 20,824.88 | 37,384,213 | 1,795 | 28,056,727 | 100,207.98 |
| Oromia | 1,907,390 | 254,155.60 | 43,501,981 | 171 | 27,004,751 | 2,651,078.91 |
| Somali | 35,669 | 8,034.85 | 563,596 | 70 | 363,466 | 130,372.91 |
| Benishangul-Gumuz | 51,133 | 2,314.48 | 860,645 | 372 | 539,617 | 91,125.97 |
| S.N.N.P.R. | 1,515,589 | 111,418.12 | 20,034,992 | 180 | 12,838,159 | 2,157,597.45 |
| Gambela | 17,855 | 2,890.76 | 344,515 | 119 | 233,875 | 52,857.77 |
| Harari | 12,060 | 2,061.38 | 112,036 | 54 | 98,081 | 36,442.44 |
| Addis Abeba | 1,874 | 23.18 | 144,826 | 6,248 | 107,036 | 517.49 |
| Dire Dawa | 9,461 | 885.30 | 91,062 | 103 | 70,322 | 20,794.87 |

TABLE 5.10.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
RURAL HOLDINGS

FRUITS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 1,920,528 | 34,582.20 | 33,325,435 | 964 | 16,347,041 | 1,907,352.04 |
| Tigray | 21,771 | 303.21 | 323,397 | 1,067 | 210,349 | 12,656.64 |
| Afar | * | * | * | * | * | - |
| Amhara | 164,863 | 1,670.38 | 2,072,577 | 1,241 | 934,388 | 17,055.87 |
| Oromia | 793,095 | 14,124.70 | 15,712,988 | 1,112 | 6,865,366 | 714,778.40 |
| Somali | 4,421 | 410.07 | 515,423 | 1,257 | 316,554 | 33,977.26 |
| Benishangul-Gumuz | 44,662 | 1,049.29 | 697,423 | 665 | 422,657 | 79,489.18 |
| S.N.N.P.R. | 864,012 | 16,108.16 | 13,412,703 | 833 | 7,231,736 | 1,002,495.48 |
| Gambela | 15,812 | 359.90 | 302,709 | 841 | 194,704 | 32,200.11 |
| Harari | 7,277 | 321.78 | 85,300 | 265 | 71,452 | * |
| Addis Abeba | 79 | 0.07 | 206 | 2,943 | 167 | - |
| Dire Dawa | 3,214 | 71.95 | 77,214 | 1,073 | 56,650 | 7,536.54 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

AVOCADOS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 317,642 | 2,413.96 | 973,744 | 403 | 759,433 | 138,884.83 | 57.53 |
| Tigray | 240 | * | * | * | * | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,773 | 17.42 | * | * | * | * | * |
| Oromia | 39,892 | 374.30 | 154,944 | 414 | 117,084 | 16,226.01 | 43.35 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 807 | 6.30 | 1,701 | 270 | 1,235 | * | * |
| S.N.N.P.R. | 272,971 | 2,008.26 | 814,013 | 405 | 638,106 | 122,486.76 | 60.99 |
| Gambela | 778 | 4.19 | 1,668 | 398 | 1,668 | - | - |
| Harari | * | * | * | * | * | * | * |
| Addis Abeba | * | * | * | * | * | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
RURAL HOLDINGS

BANANAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 1,315,518 | 21,267.78 | 26,982,664 | 1,269 | 11,595,759 | 1,223,719.99 | 57.54 |
| Tigray | 5,463 | * | 134,750 | * | 61,817 | 4,131.02 | * |
| Afar | * | * | * | * | * | - | - |
| Amhara | 63,624 | 549.66 | 1,116,079 | 2,030 | 436,324 | 4,164.70 | 7.58 |
| Oromia | 585,783 | 8,899.78 | 13,448,061 | 1,511 | 5,047,842 | 456,800.99 | 51.33 |
| Somali | 1,458 | 189.20 | 345,604 | 1,827 | 222,179 | 18,335.17 | 96.91 |
| Benishangul-Gumuz | 21,078 | 388.57 | 424,796 | 1,093 | 215,805 | 23,001.10 | 59.19 |
| S.N.N.P.R. | 626,756 | 10,792.20 | 11,166,921 | 1,035 | 5,445,245 | 707,144.04 | 65.52 |
| Gambela | 8,723 | 180.68 | 198,354 | 1,098 | 111,234 | 8,634.52 | 47.79 |
| Harari | 1,014 | 11.10 | 4,170 | 376 | 2,901 | 212.12 | 19.11 |
| Addis Abeba | * | * | * | * | * | - | - |
| Dire Dawa | 537 | 6.41 | * | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

GUAVAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 137,405 | 1,223.70 | 525,817 | 430 | 384,613 | 16,581.81 | 13.55 |
| Tigray | 4,480 | 85.35 | 91,028 | 1,067 | 71,073 | * | * |
| Afar | * | * | * | * | * | - | - |
| Amhara | 26,601 | 180.55 | 127,217 | 705 | 72,990 | 2,220.51 | 12.30 |
| Oromia | 65,198 | 597.13 | 168,271 | 282 | 137,115 | 7,675.14 | 12.85 |
| Somali | 1,077 | * | * | * | 10,436 | 188.61 | * |
| Benishangul-Gumuz | 2,482 | 13.75 | 8,102 | 589 | 6,517 | 145.58 | 10.59 |
| S.N.N.P.R. | 33,746 | 232.12 | 83,638 | 360 | 74,209 | 3,580.32 | 15.42 |
| Gambela | 515 | 3.94 | 1,531 | 389 | 1,298 | 74.72 | 18.96 |
| Harari | 2,507 | 68.84 | 10,674 | 155 | 8,838 | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 762 | * | 2,425 | * | 2,083 | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

LEMONS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 110,895 | 748.60 | 281,690 | 376 | 198,196 | 11,715.70 | 15.65 |
| Tigray | 9,347 | 47.28 | 27,607 | 584 | 19,222 | 1,665.73 | 35.23 |
| Afar | * | 4.81 | * | * | * | - | - |
| Amhara | 36,301 | 203.21 | 99,330 | 489 | 49,469 | 653.11 | 3.21 |
| Oromia | 28,020 | 184.50 | 60,478 | 328 | 49,916 | 2,933.48 | 15.90 |
| Somali | 963 | 34.14 | 17,589 | 515 | 12,647 | 1,493.22 | 43.74 |
| Benishangul-Gumuz | 3,305 | 28.17 | 6,795 | 241 | 5,857 | 767.47 | 27.24 |
| S.N.N.P.R. | 31,877 | 239.13 | 67,794 | 284 | 59,202 | 4,044.79 | 16.91 |
| Gambela | 430 | 3.97 | 602 | 152 | 553 | 102.68 | 25.86 |
| Harari | 324 | 2.01 | 510 | 254 | 496 | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 142 | * | * | * | * | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

MANGOES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 288,990 | 3,641.76 | 1,094,562 | 301 | 867,646 | 198,032.95 | 54.38 |
| Tigray | 372 | 2.86 | * | * | * | * | * |
| Afar | - | - | - | - | - | - | - |
| Amhara | 4,614 | 26.20 | 27,253 | 1,040 | * | * | * |
| Oromia | 173,126 | 2,112.34 | 610,818 | 289 | 504,059 | 99,662.41 | 47.18 |
| Somali | 1,532 | 40.04 | 6,883 | 172 | 5,787 | * | * |
| Benishangul-Gumuz | 25,985 | 488.59 | 149,380 | 306 | 122,922 | 43,523.86 | 89.08 |
| S.N.N.P.R. | 69,817 | 659.66 | 234,590 | 356 | 182,085 | 44,493.25 | 67.45 |
| Gambela | 8,610 | 104.71 | 36,788 | 351 | 31,467 | 8,530.84 | 81.47 |
| Harari | 4,470 | 198.25 | 26,298 | 133 | 19,118 | 222.29 | 1.12 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 465 | 9.11 | 879 | 96 | 718 | - | - |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

ORANGES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 304,570 | 2,402.16 | 1,444,048 | 601 | 1,013,567 | 132,504.11 | 55.16 |
| Tigray | 4,300 | 32.11 | 21,125 | 658 | 16,121 | 1,918.41 | 59.74 |
| Afar | * | * | * | * | * | - | - |
| Amhara | 52,206 | 478.88 | 386,385 | 807 | 195,873 | 7,923.73 | 16.55 |
| Oromia | 117,452 | 921.27 | 499,006 | 542 | 389,829 | 59,492.07 | 64.58 |
| Somali | 679 | 55.35 | 39,167 | 708 | 28,183 | 9,272.39 | 167.52 |
| Benishangul-Gumuz | 3,152 | 22.36 | 10,199 | 456 | 8,375 | 1,189.21 | 53.18 |
| S.N.N.P.R. | 124,852 | 878.68 | 481,831 | 548 | 369,739 | 51,855.10 | 59.01 |
| Gambela | 1,515 | 9.83 | 4,566 | 464 | 4,122 | 593.10 | 60.34 |
| Harari | 146 | 0.44 | 181 | 411 | 166 | 43.06 | 97.86 |
| Addis Abeba | 63 | * | * | * | * | - | - |
| Dire Dawa | 189 | * | * | * | * | * | * |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVAT PEASANT HOLDINGS
RURAL HOLDINGS

PAPAYAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 396,174 | 2,713.48 | 1,967,620 | 725 | 1,516,147 | 182,959.24 | 67.43 |
| Tigray | 5,197 | 39.22 | 46,033 | 1,174 | 39,584 | 3,444.37 | 87.82 |
| Afar | 220 | 1.07 | * | * | 683 | - | - |
| Amhara | 43,907 | 213.86 | 275,499 | 1,288 | 179,267 | 2,085.43 | 9.75 |
| Oromia | 148,555 | 1,013.16 | 767,234 | 757 | 616,755 | 71,736.51 | 70.80 |
| Somali | 1,742 | 59.61 | * | * | 37,322 | * | * |
| Benishangul-Gumuz | 14,991 | 101.45 | 96,415 | 950 | 61,947 | 10,782.35 | 106.28 |
| S.N.N.P.R. | 168,403 | 1,152.23 | 554,372 | 481 | 455,259 | 66,243.15 | 57.49 |
| Gambela | 9,208 | 50.80 | 58,551 | 1,153 | 43,806 | 14,219.07 | 279.90 |
| Harari | 1,884 | * | * | * | * | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 2,066 | 42.55 | 51,781 | 1,217 | 41,858 | * | * |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

PINEAPPLES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 10,747 | 170.15 | * | * |
| Tigray | * | * | - | - |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 3,609 | 22.22 | 251.78 | 11.33 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 6,512 | * | * | * |
| Gambela | 517 | 1.79 | 45.19 | 25.25 |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.10.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

STIMULANT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 4,129,844 | 358,348.52 | 64,505,751 | 3,497 | 47,813,005 | 2,614,778.23 |
| Tigray | 99,572 | 1,627.69 | 1,583,813 | 1,220 | 1,240,772 | 52,249.49 |
| Afar | 149 | 7.15 | 1,192 | 307 | 909 | - |
| Amhara | 873,636 | 18,189.72 | 34,819,987 | 3,387 | 26,789,313 | 76,315.25 |
| Oromia | 1,745,659 | 235,998.29 | 24,622,299 | 5,183 | 17,251,996 | 1,631,869.15 |
| Somali | 32,742 | 7,623.69 | * | * | * | 96,349.89 |
| Benishangul-Gumuz | 22,580 | 1,212.28 | 124,719 | 2,151 | 90,374 | 9,929.94 |
| S.N.N.P.R. | 1,326,398 | 88,687.27 | 3,196,719 | 1,585 | 2,322,104 | 692,029.19 |
| Gambela | 7,951 | 2,462.55 | 11,076 | 814 | 9,203 | 15,638.73 |
| Harari | 10,692 | 1,703.60 | * | * | - | 26,620.75 |
| Addis Abeba | 1,813 | 22.93 | 144,406 | 6,555 | 106,827 | 517.49 |
| Dire Dawa | 8,653 | 813.35 | - | - | - | 13,258.33 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

CHAT

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 1,531,718 | 96,066.25 | 796,520.04 | 8.29 |
| Tigray | 3,728 | 196.61 | * | * |
| Afar | * | * | - | - |
| Amhara | 95,817 | 1,873.84 | 9,530.77 | 5.09 |
| Oromia | 910,227 | 66,126.37 | 442,716.21 | 6.70 |
| Somali | 32,173 | 7,596.23 | 96,309.16 | 12.68 |
| Benishangul-Gumuz | 7,922 | 122.73 | 1,086.25 | 8.85 |
| S.N.N.P.R. | 461,248 | 17,691.41 | 204,463.67 | 11.56 |
| Gambela | 2,234 | 37.47 | * | * |
| Harari | 10,444 | 1,666.07 | * | * |
| Addis Abeba | 110 | 0.76 | 2.07 | 2.72 |
| Dire Dawa | 7,802 | 752.02 | * | * |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

COFFEE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 2,342,290 | 243,833.97 | 1,571,752.65 | 6.45 |
| Tigray | 5,786 | 133.12 | * | * |
| Afar | 30 | 0.53 | - | - |
| Amhara | 225,016 | 6,034.80 | 12,612.87 | 2.09 |
| Oromia | 965,303 | 165,121.24 | 1,074,539.84 | 6.51 |
| Somali | * | * | 40.73 | * |
| Benishangul-Gumuz | 17,060 | 1,031.58 | 7,087.31 | 6.87 |
| S.N.N.P.R. | 1,116,601 | 68,978.54 | 461,957.37 | 6.70 |
| Gambela | 7,794 | 2,411.47 | 14,020.26 | 5.81 |
| Harari | 1,358 | 34.19 | 151.24 | 4.42 |
| Addis Abeba | 47 | * | - | - |
| Dire Dawa | 2,436 | 61.34 | 237.89 | 3.88 |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

HOPS / 'GESHO'

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 1,499,888 | 18,448.31 | 64,505,751 | 3,497 | 47,813,005 | 246,505.54 | 13.36 |
| Tigray | 95,321 | 1,297.95 | 1,583,813 | 1,220 | 1,240,772 | 49,487.93 | 38.13 |
| Afar | 127 | 3.88 | 1,192 | 307 | 909 | - | - |
| Amhara | 756,350 | 10,281.08 | 34,819,987 | 3,387 | 26,789,313 | 54,171.61 | 5.27 |
| Oromia | 428,461 | 4,750.68 | 24,622,299 | 5,183 | 17,251,996 | 114,613.11 | 24.13 |
| Somali | * | * | * | * | * | - | - |
| Benishangul-Gumuz | 7,766 | 57.97 | 124,719 | 2,151 | 90,374 | 1,756.38 | 30.30 |
| S.N.N.P.R. | 208,033 | 2,017.33 | 3,196,719 | 1,585 | 2,322,104 | 25,608.15 | 12.69 |
| Gambela | 1,986 | 13.61 | 11,076 | 814 | 9,203 | 352.94 | 25.93 |
| Harari | * | * | * | * | - | - | - |
| Addis Abeba | 1,798 | 22.03 | 144,406 | 6,555 | 106,827 | 515.42 | 23.40 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.10.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

OTHER PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) |
|---|---|---|---|
| Ethiopia | 557,580 | 11,774.83 | 783,802.92 |
| Tigray | * | * | * |
| Afar | 229 | 2.96 | - |
| Amhara | 43,122 | 954.92 | 6,836.85 |
| Oromia | 162,527 | 4,032.61 | 304,431.37 |
| Somali | 112 | 1.09 | 45.75 |
| Benishangul-Gumuz | 3,523 | 52.92 | 1,706.86 |
| S.N.N.P.R. | 342,556 | 6,622.69 | 463,072.78 |
| Gambela | 4,814 | 68.31 | 5,018.93 |
| Harari | 501 | * | * |
| Addis Abeba | 51 | * | - |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

SUGAR CANE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 557,580 | 11,774.83 | 783,802.92 | 66.57 |
| Tigray | * | * | * | * |
| Afar | 229 | 2.96 | - | - |
| Amhara | 43,122 | 954.92 | 6,836.85 | 7.16 |
| Oromia | 162,527 | 4,032.61 | 304,431.37 | 75.49 |
| Somali | 112 | 1.09 | 45.75 | 41.97 |
| Benishangul-Gumuz | 3,523 | 52.92 | 1,706.86 | 32.25 |
| S.N.N.P.R. | 342,556 | 6,622.69 | 463,072.78 | 69.92 |
| Gambela | 4,814 | 68.31 | 5,018.93 | 73.47 |
| Harari | 501 | * | * | * |
| Addis Abeba | 51 | * | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.11 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANTHOLDINGS URBAN HOLDINGS

ETHIOPIA

| PERMANENT CROPS | NUMBER OF HOLDERS REPORTING | AREA IN CROP (HA) | % | TOTAL NUMBER OF TREES | NUMBER OF TREES PER HECTARE | NUMBER OF TREES BEARING | PRODUCTION (QT) | % | YIELD (QT / HA) |
|---|---|---|---|---|---|---|---|---|---|
| ALL | 72,264 | 18,329.48 | | | | | | - | |
| Fruit Crops | 27,819 | 2,197.89 | 100.00 | 439,675 | 200 | 215,239 | 134,165.26 | 100.00 | |
| Avocados | 6,847 | 504.55 | 22.96 | 25,650 | 51 | 5,968 | 8,275.24 | 6.17 | 16.40 |
| Bananas | 11,967 | 669.80 | 30.47 | 228,616 | 341 | 94,325 | 21,895.62 | 16.32 | 32.69 |
| Guavas | 2,854 | 202.68 | 9.22 | 15.771 | 78 | 10,917 | 2,817.95 | 2.10 | 13.90 |
| Lemons | 989 | 47.68 | 2.17 | 2,918 | 61 | 1,298 | 305.69 | 0.23 | 6.41 |
| Mangoes | 9,287 | 347.30 | 15.80 | 57,404 | 165 | 32,739 | 14,715.42 | 10.97 | 42.37 |
| Oranges | 4,646 | 156.79 | 7.13 | 38,709 | 247 | 22,801 | 22,120.61 | 16.49 | 141.08 |
| Papayas | 8,009 | 267.93 | 12.19 | 70,336 | 263 | 46,925 | 63,930.86 | 47.65 | 238.61 |
| Pineapples | 93 | 1.17 | 0.05 | - | - | - | * | * | * |
| Stimulant Crops | 60,841 | 14,898.98 | 100.00 | 521,666 | 803 | 379,376 | 113,893.35 | 100.00 | |
| Chat | 14,144 | 1,538.14 | 10.32 | - | - | - | 12,977.05 | 11.39 | 8.44 |
| Coffee | 44,397 | 12,711.47 | 85.32 | - | - | - | 94,038.22 | 82.57 | 7.40 |
| Hops (Gesho) | 11,510 | 649.37 | 4.36 | 521,666 | 803 | 379,376 | 6,878.08 | 6.04 | 10.59 |
| Other Permanent | 5,724 | 1,232.61 | 100.00 | - | - | - | 206,987.10 | 100.00 | |
| Sugar Cane | 5,724 | 1,232.61 | 100.00 | - | - | - | 206,987.10 | 100.00 | 167.93 |

TABLE 5.12 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
URBAN HOLDINGS

PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 72,267 | 18,329.58 | 1,790,643 | 98 | 1,201,955 | 455,050.86 |
| Tigray | 898 | 287.22 | 17,974 | 63 | 11,654 | 207.95 |
| Amhara | 6,363 | 802.05 | 156,533 | 195 | 106,794 | 4,920.12 |
| Oromia | 38,191 | 13,441.42 | 1,147,235 | 85 | 805,735 | 407,550.97 |
| Somali | 276 | 55.89 | 11,146 | 199 | * | 577.28 |
| Benishangul-Gumuz | 1,535 | 141.61 | 31,717 | 224 | 18,887 | 1,019.80 |
| S.N.N.P.R. | 23,534 | 2,997.29 | 379,987 | 127 | 219,163 | 35,983.11 |
| Gambela | 595 | 476.36 | 3,268 | 7 | 2,406 | 3,548.27 |
| Harari | 381 | 89.01 | 9,126 | 103 | 6,394 | 903.05 |
| Addis Abeba | 336 | * | 20,343 | * | 15,820 | 57.64 |
| Dire Dawa | 158 | 23.99 | 13,314 | 555 | 10,273 | 282.68 |

TABLE 5.12.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
URBAN HOLDINGS

FRUITS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 27,819 | 2,197.89 | 439,675 | 200 | 215,239 | 134,165.26 |
| Tigray | 513 | 99.84 | 4,963 | 50 | 2,200 | 114.19 |
| Amhara | 2,183 | 236.20 | 36,568 | 155 | 16,951 | 1,303.93 |
| Oromia | 13,426 | 881.75 | 221,979 | 252 | 111,686 | 111,242.53 |
| Somali | 78 | 14.30 | * | * | * | * |
| Benishangul-Gumuz | 1,416 | 95.03 | 29,159 | 307 | 16,612 | 984.48 |
| S.N.N.P.R. | 9,689 | 836.93 | 122,203 | 146 | 49,837 | 18,081.70 |
| Gambela | 266 | 8.74 | 3,180 | 364 | 2,406 | 2,070.32 |
| Harari | 85 | 2.34 | * | * | 416 | 35.05 |
| Addis Abeba | * | * | * | * | * | * |
| Dire Dawa | 148 | 22.62 | 13,314 | 589 | 10,273 | 282.05 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

AVOCADOS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 6,847 | 504.55 | 25,650 | 51 | 5,968 | 8,275.24 | 16.40 |
| Tigray | 15 | 0.01 | 44 | 4,400 | 11 | 0.02 | 2.00 |
| Amhara | 336 | * | 1,612 | * | 85 | 0.28 | * |
| Oromia | 2,183 | 93.42 | 9,131 | 98 | 1,608 | 5,763.13 | 61.69 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 46 | * | 77 | * | * | - | - |
| S.N.N.P.R. | 4,235 | 377.88 | 14,592 | 39 | 4,202 | 2,510.38 | 6.64 |
| Gambela | 23 | * | 164 | * | * | - | - |
| Harari | * | * | * | * | * | * | * |
| Addis Abeba | * | * | * | * | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
URBAN HOLDINGS

BANANAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 11,967 | 669.81 | 228,616 | 341 | 94,325 | 21,895.61 | 32.69 |
| Tigray | 75 | * | 1,712 | * | 520 | 5.27 | * |
| Amhara | 428 | 58.63 | 7,354 | 125 | 2,890 | 125.29 | 2.14 |
| Oromia | 6,263 | 271.39 | 121,978 | 449 | 46,920 | 16,653.65 | 61.36 |
| Somali | 26 | 2.09 | * | * | * | * | * |
| Benishangul-Gumuz | 414 | 19.71 | 13,258 | 673 | 6,856 | 269.06 | 13.65 |
| S.N.N.P.R. | 4,695 | 303.95 | 76,828 | 253 | 32,099 | 4,470.07 | 14.71 |
| Gambela | 50 | 2.00 | 1,190 | 595 | * | * | * |
| Harari | 15 | * | * | * | * | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

GUAVAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 2,854 | 202.68 | 15,771 | 78 | 10,917 | 2,817.95 | 13.90 |
| Tigray | 194 | 45.55 | 1,167 | 26 | 536 | 69.48 | 1.53 |
| Amhara | 545 | 30.84 | 4,911 | 159 | 2,843 | 50.83 | 1.65 |
| Oromia | 1,520 | 103.11 | 7,405 | 72 | 6,316 | 2,587.60 | 25.10 |
| Somali | 42 | 8.75 | 334 | 38 | * | * | * |
| Benishangul-Gumuz | 49 | 1.97 | 238 | 121 | * | 20.69 | 10.50 |
| S.N.N.P.R. | 466 | 11.96 | 1,633 | 137 | 869 | 77.36 | 6.47 |
| Gambela | 1 | 0.21 | 10 | 48 | 5 | 0.25 | 1.19 |
| Harari | 28 | * | * | * | * | * | * |
| Addis Abeba | * | * | * | * | * | * | * |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

LEMONS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 989 | 47.68 | 2,918 | 61 | 1,298 | 305.69 | 6.41 |
| Tigray | 93 | 7.92 | 134 | 17 | 106 | 2.65 | 0.33 |
| Amhara | 378 | * | 1,127 | * | 616 | * | * |
| Oromia | 261 | * | 548 | * | 290 | 116.98 | * |
| Somali | 15 | 0.55 | * | * | * | - | - |
| Benishangul-Gumuz | 107 | 2.14 | 183 | 86 | 104 | 34.08 | 15.93 |
| S.N.N.P.R. | 124 | 1.20 | 170 | 142 | 120 | 10.28 | 8.57 |
| Gambela | * | * | * | * | * | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | * | * | * | * | - | - |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

MANGOES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 9,287 | 347.30 | 57,404 | 165 | 32,739 | 14,715.42 | 42.37 |
| Tigray | 69 | 3.46 | 110 | 32 | 59 | 2.80 | 0.81 |
| Amhara | 573 | 25.65 | 4,600 | 179 | 1,114 | 22.94 | 0.89 |
| Oromia | 5,399 | 177.14 | 29,182 | 165 | 18,785 | 13,118.26 | 74.06 |
| Somali | 30 | 1.96 | 537 | 274 | * | * | * |
| Benishangul-Gumuz | 1,056 | 57.66 | 11,858 | 206 | 6,761 | 540.73 | 9.38 |
| S.N.N.P.R. | 1,872 | 71.12 | 8,876 | 125 | 4,219 | 789.19 | 11.10 |
| Gambela | 201 | 3.61 | 1,142 | 316 | 966 | 214.40 | 59.39 |
| Harari | 37 | 0.40 | 47 | 118 | 21 | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 50 | 6.28 | 1,052 | 168 | 766 | * | * |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

ORANGES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 4,646 | 156.79 | 38,709 | 247 | 22,801 | 22,120.61 | 141.08 |
| Tigray | 191 | 16.09 | 756 | 47 | 282 | 12.55 | 0.78 |
| Amhara | 446 | 9.28 | 4,183 | 451 | 1,463 | 91.89 | 9.90 |
| Oromia | 2,544 | 88.39 | 14,371 | 163 | 10,119 | 17,844.73 | 201.89 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 210 | 3.65 | * | * | * | 27.80 | 7.62 |
| S.N.N.P.R. | 1,122 | 25.53 | 8,720 | 342 | 2,418 | * | * |
| Gambela | 35 | 0.17 | 88 | 518 | 88 | 12.16 | 71.53 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 99 | 13.68 | 9,840 | 719 | 7,903 | 153.71 | 11.24 |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVAT PEASANT HOLDINGS
URBAN HOLDINGS

PAPAYAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 8,009 | 267.93 | 70,336 | 263 | 46,925 | 63,930.86 | 238.61 |
| Tigray | 201 | 14.87 | 1,005 | 68 | 654 | 20.43 | 1.37 |
| Amhara | 1,075 | 48.29 | 12,754 | 264 | 7,918 | 870.99 | 18.04 |
| Oromia | 4,134 | 144.35 | 39,339 | 273 | 27,621 | 55,154.61 | 382.09 |
| Somali | 18 | 0.96 | * | * | * | - | - |
| Benishangul-Gumuz | 481 | 9.50 | 2,795 | 294 | 2,187 | 92.12 | 9.70 |
| S.N.N.P.R. | 1,959 | 44.85 | 11,385 | 254 | 5,909 | 6,228.75 | 138.88 |
| Gambela | 88 | 2.24 | 385 | 172 | 312 | 1,427.46 | 637.26 |
| Harari | 30 | * | * | * | * | 15.30 | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 22 | * | * | * | * | * | * |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

PINEAPPLES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 93 | 1.09 | * | * |
| Tigray | * | * | * | * |
| Amhara | 8 | * | - | - |
| Oromia | 42 | 0.16 | 3.58 | 22.38 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - |
| S.N.N.P.R. | 31 | 0.44 | 17.90 | 40.68 |
| Gambela | * | * | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.12.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

STIMULANT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 60,841 | 14,898.98 | 521,666 | 803 | 379,376 | 113,893.35 |
| Tigray | 629 | 187.23 | 11,736 | 116 | 8,443 | 92.12 |
| Amhara | 5,295 | 507.71 | 90,279 | 624 | 68,625 | 870.91 |
| Oromia | 33,058 | 11,448.75 | 372,526 | 1,071 | 274,724 | 98,330.44 |
| Somali | 204 | 41.58 | - | - | - | 526.77 |
| Benishangul-Gumuz | 451 | 44.02 | * | * | * | 30.93 |
| S.N.N.P.R. | 20,131 | 2,104.34 | 29,345 | 858 | 13,950 | 11,896.47 |
| Gambela | 407 | 463.09 | - | - | - | 1,224.15 |
| Harari | 329 | 86.52 | - | - | - | 868.00 |
| Addis Abeba | 323 | * | * | * | * | 52.92 |
| Dire Dawa | * | * | - | - | - | * |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

CHAT

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 14,144 | 1,538.14 | 12,977.05 | 8.44 |
| Tigray | 35 | 34.34 | * | * |
| Amhara | 1,199 | 134.36 | 143.12 | 1.07 |
| Oromia | 8,990 | 1,047.03 | 9,173.40 | 8.76 |
| Somali | 198 | 39.96 | 526.77 | 13.18 |
| Benishangul-Gumuz | * | * | * | * |
| S.N.N.P.R. | 3,218 | 191.93 | 2,248.45 | 11.71 |
| Gambela | * | * | - | - |
| Harari | 326 | 86.16 | 867.92 | 10.07 |
| Addis Abeba | 71 | * | * | * |
| Dire Dawa | * | * | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

COFFEE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 44,397 | 12,711.47 | 94,038.21 | 7.40 |
| Tigray | 131 | 51.84 | * | * |
| Amhara | 2,451 | 228.71 | 159.19 | 0.70 |
| Oromia | 23,291 | 10,054.04 | 83,439.02 | 8.30 |
| Somali | 13 | 1.62 | - | - |
| Benishangul-Gumuz | 336 | 33.98 | 22.63 | 0.67 |
| S.N.N.P.R. | 17,729 | 1,878.19 | 9,173.25 | 4.88 |
| Gambela | 407 | 462.18 | 1,223.41 | 2.65 |
| Harari | 6 | 0.36 | * | * |
| Addis Abeba | * | * | * | * |
| Dire Dawa | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

HOPS / 'GESHO'

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 11,510 | 649.37 | 521,666 | 803 | 379,376 | 6,878.09 | 10.59 |
| Tigray | 539 | 101.04 | 11,736 | 116 | 8,443 | 70.20 | 0.69 |
| Amhara | 2,767 | 144.64 | 90,279 | 624 | 68,625 | 568.60 | 3.93 |
| Oromia | 6,338 | 347.69 | 372,526 | 1,071 | 274,724 | 5,718.02 | 16.45 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 120 | * | * | * | * | * | * |
| S.N.N.P.R. | 1,491 | 34.22 | 29,345 | 858 | 13,950 | 474.78 | 13.87 |
| Gambela | * | * | - | - | - | * | * |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 248 | * | * | * | * | * | * |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.12.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

OTHER PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) |
|---|---|---|---|
| Ethiopia | 6,166 | 1,290.64 | 209,727.23 |
| Tigray | 17 | * | 1.64 |
| Amhara | 442 | 58.03 | 2,740.13 |
| Oromia | 2,890 | 1,110.92 | 197,978.00 |
| Somali | 5 | - | - |
| Benishangul-Gumuz | 26 | 2.56 | * |
| S.N.N.P.R. | 2,280 | 56.02 | 6,004.93 |
| Gambela | 27 | 4.53 | * |
| Harari | * | * | - |
| Addis Abeba | * | * | * |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
URBAN HOLDINGS

SUGAR CANE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 6,166 | 1,290.64 | 209,727.23 | 162.50 |
| Tigray | 17 | * | 1.64 | * |
| Amhara | 442 | 58.03 | 2,740.13 | 47.22 |
| Oromia | 2,890 | 1,110.92 | 197,978.00 | 178.21 |
| Somali | 5 | - | - | - |
| Benishangul-Gumuz | 26 | 2.56 | * | * |
| S.N.N.P.R. | 2,280 | 56.02 | 6,004.93 | 107.19 |
| Gambela | 27 | 4.53 | * | * |
| Harari | * | * | - | - |
| Addis Abeba | * | * | * | * |
| Dire Dawa | - | - | - | - |

TABLE 5.13 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

Ethiopia

| PERMANENT CROPS | NUMBER OF HOLDERS REPORTING | AREA IN CROP (HA) | % | TOTAL NUMBER OF TREES | NUMBER OF TREES PER HECTARE | NUMBER OF TREES BEARING | PRODUCTION (QT) | % | YIELD (QT / HA) |
|---|---|---|---|---|---|---|---|---|---|
| ALL | 4,644,008 | 423,044.98 | | | | | | | |
| Fruit Crops | 1,948,347 | 36,780.09 | 100.00 | 33,765,111 | 918 | 16,562,280 | 2,041,517.30 | 100.00 | |
| Avocados | 324,489 | 2,918.51 | 7.94 | 997,782 | 342 | 765,316 | 147,159.79 | 7.21 | 50.42 |
| Bananas | 1,327,484 | 21,937.59 | 59.65 | 27,211,280 | 1,240 | 11,690,084 | 1,245,615.60 | 61.01 | 56.78 |
| Guavas | 140,259 | 1,426.38 | 3.88 | 541,588 | 380 | 395,530 | 19,399.76 | 0.95 | 13.60 |
| Lemons | 111,884 | 796.28 | 2.16 | 284,608 | 357 | 199,494 | 12,021.39 | 0.59 | 15.10 |
| Mangoes | 298,277 | 3,989.06 | 10.85 | 1,151,966 | 289 | 900,421 | 212,750.25 | 10.42 | 53.33 |
| Oranges | 309,216 | 2,558.95 | 6.96 | 1,482,756 | 579 | 1,036,368 | 154,624.72 | 7.57 | 60.43 |
| Papayas | 404,183 | 2,981.41 | 8.11 | 2,037,956 | 684 | 1,563,073 | 246,890.10 | 12.09 | 82.81 |
| Pineapples | 10,832 | 171.24 | 0.47 | - | - | - | * | * | * |
| Stimulant Crops | 4,190,685 | 373,247.50 | 100.00 | 65,027,417 | 3,405 | 48,192,382 | 2,728,671.58 | 100.00 | |
| Chat | 1,545,861 | 97,604.39 | 26.15 | - | - | - | 809,497.09 | 29.67 | 8.29 |
| Coffee | 2,386,687 | 256,545.44 | 68.73 | - | - | - | 1,665,790.86 | 61.05 | 6.49 |
| Hops (Gesho) | 1,511,399 | 19,097.68 | 5.12 | 65,027,417 | 3,405 | 48,192,382 | 253,383.63 | 9.29 | 13.27 |
| Other Permanent | 563,304 | 13,007.43 | 100.00 | - | - | - | 990,790.03 | 100.00 | |
| Sugar Cane | 563,304 | 13,007.43 | 100.00 | - | - | - | 990,790.03 | 100.00 | 76.17 |

TABLE 5.14 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
ALL HOLDINGS

PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 4,644,008 | 423,044.98 | 106,875,305 | 253 | 72,015,947 | 5,760,984.05 |
| Tigray | 106,701 | 2,221.26 | 1,937,052 | 872 | 1,468,930 | 65,145.34 |
| Afar | * | * | * | * | * | - |
| Amhara | 919,718 | 21,626.93 | 37,540,746 | 1,736 | 28,163,521 | 105,128.10 |
| Oromia | 1,945,581 | 267,597.02 | 44,649,216 | 167 | 27,810,486 | 3,058,629.88 |
| Somali | 35,945 | 8,090.74 | 574,742 | 71 | 368,295 | 130,950.19 |
| Benishangul-Gumuz | 52,668 | 2,456.09 | 892,363 | 363 | 558,504 | 92,145.77 |
| S.N.N.P.R. | 1,539,124 | 114,415.41 | 20,414,979 | 178 | 13,057,322 | 2,193,580.56 |
| Gambela | 18,450 | 3,367.12 | 347,784 | 103 | 236,281 | 56,406.04 |
| Harari | 12,441 | 2,150.39 | 121,161 | 56 | 104,475 | 37,345.49 |
| Addis Abeba | 2,211 | 37.93 | 165,169 | 4,355 | 122,856 | 575.13 |
| Dire Dawa | 9,619 | 909.29 | 104,376 | 115 | 80,595 | 21,077.55 |

TABLE 5.14.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

FRUITS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 1,948,347 | 36,780.09 | 33,765,111 | 918 | 16,562,280 | 2,041,517.30 |
| Tigray | 22,283 | 403.05 | 328,360 | 815 | 212,549 | 12,770.83 |
| Afar | * | * | * | * | * | - |
| Amhara | 167,046 | 1,906.58 | 2,109,144 | 1,106 | 951,339 | 18,359.80 |
| Oromia | 806,520 | 15,006.45 | 15,934,967 | 1,062 | 6,977,052 | 826,020.93 |
| Somali | 4,499 | 424.37 | 522,305 | 1,231 | 321,383 | 34,027.77 |
| Benishangul-Gumuz | 46,078 | 1,144.32 | 726,582 | 635 | 439,269 | 80,473.66 |
| S.N.N.P.R. | 873,701 | 16,945.09 | 13,534,906 | 799 | 7,281,573 | 1,020,577.18 |
| Gambela | 16,078 | 368.64 | 305,889 | 830 | 197,109 | 34,270.43 |
| Harari | 7,362 | 324.12 | 86,670 | 267 | 71,868 | * |
| Addis Abeba | 96 | 0.22 | 264 | 1,200 | 197 | * |
| Dire Dawa | 3,362 | 94.57 | 90,528 | 957 | 66,923 | 7,818.59 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

AVOCADOS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 324,489 | 2,918.51 | 997,782 | 342 | 765,316 | 147,159.79 | 50.42 |
| Tigray | 255 | * | * | * | * | * | * |
| Afar | - | - | - | - | - | - | - |
| Amhara | 3,109 | * | * | * | * | * | * |
| Oromia | 42,074 | 467.72 | 164,075 | 351 | 118,692 | 21,989.14 | 47.01 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 853 | 6.70 | 1,779 | 266 | 1,244 | * | * |
| S.N.N.P.R. | 277,206 | 2,386.14 | 828,605 | 347 | 642,308 | 124,997.14 | 52.38 |
| Gambela | 801 | 4.59 | 1,832 | 399 | 1,720 | - | - |
| Harari | * | * | * | * | * | * | * |
| Addis Abeba | * | * | 60 | * | * | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

BANANAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 1,327,484 | 21,937.59 | 27,211,280 | 1,240 | 11,690,084 | 1,245,615.60 | 56.78 |
| Tigray | 5,538 | 105.89 | 136,461 | 1,289 | 62,336 | 4,136.29 | 39.06 |
| Afar | * | * | * | * | * | - | - |
| Amhara | 64,052 | 608.29 | 1,123,433 | 1,847 | 439,214 | 4,289.99 | 7.05 |
| Oromia | 592,047 | 9,171.17 | 13,570,040 | 1,480 | 5,094,762 | 473,454.64 | 51.62 |
| Somali | 1,484 | 191.29 | 350,961 | 1,835 | 226,381 | 18,371.25 | 96.04 |
| Benishangul-Gumuz | 21,491 | 408.28 | 438,054 | 1,073 | 222,660 | 23,270.16 | 57.00 |
| S.N.N.P.R. | 631,451 | 11,096.15 | 11,243,749 | 1,013 | 5,477,344 | 711,614.11 | 64.13 |
| Gambela | 8,773 | 182.68 | 199,544 | 1,092 | 112,028 | 8,969.18 | 49.10 |
| Harari | 1,029 | 11.60 | 5,110 | 441 | 2,946 | 213.66 | 18.42 |
| Addis Abeba | * | * | * | * | * | - | - |
| Dire Dawa | 538 | 6.41 | * | * | * | * | * |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATEPEASANT HOLDINGS
ALL HOLDINGS

GUAVAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 140,259 | 1,426.38 | 541,588 | 380 | 395,530 | 19,399.76 | 13.60 |
| Tigray | 4,674 | 130.90 | 92,195 | 704 | 71,609 | * | * |
| Afar | * | * | * | * | * | - | - |
| Amhara | 27,146 | 211.39 | 132,128 | 625 | 75,833 | 2,271.34 | 10.74 |
| Oromia | 66,718 | 700.24 | 175,676 | 251 | 143,432 | 10,262.74 | 14.66 |
| Somali | 1,119 | 40.48 | * | * | 10,542 | 189.57 | 4.68 |
| Benishangul-Gumuz | 2,531 | 15.72 | 8,340 | 531 | 6,684 | 166.27 | 10.58 |
| S.N.N.P.R. | 34,212 | 244.08 | 85,271 | 349 | 75,078 | 3,657.68 | 14.99 |
| Gambela | 516 | 4.15 | 1,541 | 371 | 1,302 | 74.97 | 18.07 |
| Harari | 2,535 | 69.12 | 10,719 | 155 | 8,883 | * | * |
| Addis Abeba | * | - | * | - | * | * | - |
| Dire Dawa | 762 | * | 2,425 | * | 2,083 | - | - |

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

LEMONS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 111,884 | 796.28 | 284,608 | 357 | 199,494 | 12,021.39 | 15.10 |
| Tigray | 9,440 | 55.20 | 27,741 | 503 | 19,328 | 1,668.38 | 30.22 |
| Afar | * | 4.81 | * | * | * | - | - |
| Amhara | 36,679 | 234.66 | 100,457 | 428 | 50,086 | 794.82 | 3.39 |
| Oromia | 28,281 | 188.28 | 61,025 | 324 | 50,206 | 3,050.46 | 16.20 |
| Somali | 979 | 34.69 | 17,729 | 511 | 12,698 | 1,493.22 | 43.04 |
| Benishangul-Gumuz | 3,412 | 30.31 | 6,978 | 230 | 5,962 | 801.55 | 26.45 |
| S.N.N.P.R | 32,001 | 240.33 | 67,964 | 283 | 59,322 | 4,055.07 | 16.87 |
| Gambela | 435 | 3.98 | 618 | 155 | 557 | 102.68 | 25.80 |
| Harari | 324 | 2.01 | 510 | 254 | 496 | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 147 | 2.01 | * | * | * | * | * |

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

MANGOES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 298,277 | 3,989.06 | 1,151,966 | 289 | 900,421 | 212,750.25 | 53.33 |
| Tigray | 441 | 6.32 | * | * | * | 5.77 | 0.91 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 5,187 | 51.85 | 31,853 | 614 | 1,151 | 24.82 | 0.48 |
| Oromia | 178,525 | 2,289.48 | 640,000 | 280 | 522,845 | 112,780.67 | 49.26 |
| Somali | 1,562 | 42.00 | 7,419 | 177 | 5,833 | * | * |
| Benishangul-Gumuz | 27,041 | 546.25 | 161,238 | 295 | 129,683 | 44,064.59 | 80.67 |
| S.N.N.P.R. | 71,689 | 730.78 | 243,466 | 333 | 186,305 | 45,282.44 | 61.96 |
| Gambela | 8,811 | 108.32 | 37,930 | 350 | 32,433 | 8,745.24 | 80.74 |
| Harari | 4,507 | 198.65 | 26,345 | 133 | 19,139 | 228.79 | 1.15 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 515 | 15.39 | 1,931 | 125 | 1,485 | * | * |

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

ORANGES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 309,216 | 2,558.95 | 1,482,756 | 579 | 1,036,368 | 154,624.72 | 60.43 |
| Tigray | 4,491 | 48.20 | 21,881 | 454 | 16,402 | 1,930.96 | 40.06 |
| Afar | * | * | * | * | * | - | - |
| Amhara | 52,652 | 488.16 | 390,568 | 800 | 197,336 | 8,015.62 | 16.42 |
| Oromia | 119,995 | 1,009.66 | 513,377 | 508 | 399,948 | 77,336.80 | 76.60 |
| Somali | 679 | 55.35 | 39,167 | 708 | 28,183 | 9,272.39 | 167.52 |
| Benishangul-Gumuz | 3,363 | 26.01 | 10,950 | 421 | 8,903 | 1,217.01 | 46.79 |
| S.N.N.P.R. | 125,974 | 904.21 | 490,551 | 543 | 372,157 | 55,832.88 | 61.75 |
| Gambela | 1,550 | 10.00 | 4,655 | 466 | 4,210 | 605.26 | 60.53 |
| Harari | 146 | 0.44 | 181 | 411 | 166 | 43.06 | 97.86 |
| Addis Abeba | 63 | * | * | * | * | - | - |
| Dire Dawa | 287 | 16.84 | 11,279 | 670 | 8,915 | 370.75 | 22.02 |

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

PAPAYAS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 404,183 | 2,981.41 | 2,037,956 | 684 | 1,563,073 | 246,890.10 | 82.81 |
| Tigray | 5,399 | 54.09 | 47,038 | 870 | 40,237 | 3,464.80 | 64.06 |
| Afar | 220 | 1.07 | * | * | 683 | - | - |
| Amhara | 44,982 | 262.15 | 288,253 | 1,100 | 187,186 | 2,956.42 | 11.28 |
| Oromia | 152,689 | 1,157.51 | 806,573 | 697 | 644,376 | 126,891.12 | 109.62 |
| Somali | 1,760 | 60.57 | * | * | 37,746 | * | * |
| Benishangul-Gumuz | 15,472 | 110.95 | 99,210 | 894 | 64,134 | 10,874.47 | 98.01 |
| S.N.N.P.R. | 170,362 | 1,197.08 | 565,757 | 473 | 461,167 | 72,471.90 | 60.54 |
| Gambela | 9,296 | 53.04 | 58,935 | 1,111 | 44,118 | 15,646.53 | 294.99 |
| Harari | 1,914 | 40.40 | * | * | * | * | * |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 2,088 | 44.56 | 53,603 | 1,203 | 43,456 | * | * |

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

PINEAPPLES

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 10,832 | 171.24 | * | * |
| Tigray | * | * | * | * |
| Afar | - | - | - | - |
| Amhara | * | * | - | - |
| Oromia | 3,651 | 22.38 | 255.36 | 11.41 |
| Somali | - | - | - | - |
| Benishangul-Gumuz | * | * | - | - |
| S.N.N.P.R. | 6,542 | * | * | * |
| Gambela | 521 | 1.88 | * | * |
| Harari | - | - | - | - |
| Addis Abeba | - | - | - | - |
| Dire Dawa | - | - | - | - |

TABLE 5.14.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

STIMULANT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) |
|---|---|---|---|---|---|---|
| Ethiopia | 4,190,685 | 373,247.50 | 65,027,417 | 3,405 | 48,192,382 | 2,728,671.58 |
| Tigray | 100,200 | 1,814.92 | 1,595,549 | 1,141 | 1,249,215 | 52,341.61 |
| Afar | 149 | 7.15 | 1,192 | 307 | 909 | - |
| Amhara | 878,931 | 18,697.43 | 34,910,266 | 3,348 | 26,857,938 | 77,186.16 |
| Oromia | 1,778,717 | 247,447.04 | 24,994,825 | 4,903 | 17,526,720 | 1,730,199.59 |
| Somali | 32,946 | 7,665.27 | * | * | * | 96,876.66 |
| Benishangul-Gumuz | 23,031 | 1,256.30 | 125,273 | 1,891 | 90,763 | 9,960.87 |
| S.N.N.P.R. | 1,346,529 | 90,791.61 | 3,226,064 | 1,573 | 2,336,054 | 703,925.66 |
| Gambela | 8,358 | 2,925.64 | 11,076 | 813 | 9,203 | 16,862.88 |
| Harari | 11,021 | 1,790.12 | * | * | - | 27,488.75 |
| Addis Abeba | 2,136 | 37.29 | 161,630 | 4,549 | 120,073 | 570.41 |
| Dire Dawa | 8,667 | 814.72 | - | - | - | 13,258.96 |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

CHAT

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 1,545,861 | 97,604.39 | 809,497.09 | 8.29 |
| Tigray | 3,763 | 230.95 | * | * |
| Afar | * | * | - | - |
| Amhara | 97,016 | 2,008.20 | 9,673.89 | 4.82 |
| Oromia | 919,217 | 67,173.40 | 451,889.61 | 6.73 |
| Somali | 32,371 | 7,636.19 | 96,835.93 | 12.68 |
| Benishangul-Gumuz | 8,010 | 124.50 | 1,088.87 | 8.75 |
| S.N.N.P.R. | 464,465 | 17,883.34 | 206,712.12 | 11.56 |
| Gambela | 2,242 | 38.37 | * | * |
| Harari | 10,771 | 1,752.23 | 27,337.43 | 15.60 |
| Addis Abeba | 181 | 1.41 | * | * |
| Dire Dawa | 7,813 | 753.06 | * | * |

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVAT PEASANT HOLDINGS ALL HOLDINGS

COFFEE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 2,386,687 | 256,545.44 | 1,665,790.86 | 6.49 |
| Tigray | 5,917 | 184.96 | * | * |
| Afar | 30 | 0.53 | - | - |
| Amhara | 227,467 | 6,263.51 | 12,772.06 | 2.04 |
| Oromia | 988,593 | 175,175.28 | 1,157,978.86 | 6.61 |
| Somali | * | * | 40.73 | * |
| Benishangul-Gumuz | 17,396 | 1,065.56 | 7,109.94 | 6.67 |
| S.N.N.P.R. | 1,134,330 | 70,856.73 | 471,130.62 | 6.65 |
| Gambela | 8,201 | 2,873.65 | 15,243.67 | 5.30 |
| Harari | 1,363 | 34.55 | 151.32 | 4.38 |
| Addis Abeba | 73 | * | * | * |
| Dire Dawa | 2,444 | 61.68 | 238.52 | 3.87 |

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS ALL HOLDINGS

HOPS / 'GESHO'

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Total Number Of Trees | Number Of Trees Per Hectare | Number Of Trees Bearing | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|---|---|---|
| Ethiopia | 1,511,399 | 19,097.68 | 65,027,417 | 3,405 | 48,192,382 | 253,383.63 | 13.27 |
| Tigray | 95,860 | 1,398.99 | 1,595,549 | 1,141 | 1,249,215 | 49,558.13 | 35.42 |
| Afar | 127 | 3.88 | 1,192 | 307 | 909 | - | - |
| Amhara | 759,117 | 10,425.72 | 34,910,266 | 3,348 | 26,857,938 | 54,740.21 | 5.25 |
| Oromia | 434,799 | 5,098.37 | 24,994,825 | 4,903 | 17,526,720 | 120,331.13 | 23.60 |
| Somali | * | * | * | * | * | - | - |
| Benishangul-Gumuz | 7,885 | 66.23 | 125,273 | 1,891 | 90,763 | 1,762.06 | 26.61 |
| S.N.N.P.R. | 209,524 | 2,051.55 | 3,226,064 | 1,573 | 2,336,054 | 26,082.93 | 12.71 |
| Gambela | 1,993 | 13.63 | 11,076 | 813 | 9,203 | 353.68 | 25.95 |
| Harari | * | * | * | * | - | - | - |
| Addis Abeba | 2,046 | 35.53 | 161,630 | 4,549 | 120,073 | 555.49 | 15.63 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.14.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS ALL HOLDINGS

OTHER PERMANENT CROPS

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) |
|---|---|---|---|
| Ethiopia | 563,304 | 13,007.43 | 990,790.03 |
| Tigray | * | * | * |
| Afar | 229 | 2.96 | - |
| Amhara | 43,564 | 1,012.95 | 9,576.98 |
| Oromia | 165,417 | 5,143.53 | 502,409.37 |
| Somali | 117 | 1.09 | 45.75 |
| Benishangul-Gumuz | 3,549 | 55.48 | 1,711.25 |
| S.N.N.P.R. | 344,836 | 6,678.71 | 469,077.71 |
| Gambela | 4,841 | 72.84 | 5,272.73 |
| Harari | 502 | * | * |
| Addis Abeba | 87 | 0.42 | * |
| Dire Dawa | - | - | - |

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
ALL HOLDINGS

SUGAR CANE

| Geographic Area | Number Of Holders Reporting | Area In Crop (Ha) | Production (Qt) | Yield (Qt / Ha) |
|---|---|---|---|---|
| Ethiopia | 563,304 | 13,007.43 | 990,790.03 | 76.17 |
| Tigray | * | * | * | * |
| Afar | 229 | 2.96 | - | - |
| Amhara | 43,564 | 1,012.95 | 9,576.98 | 9.45 |
| Oromia | 165,417 | 5,143.53 | 502,409.37 | 97.68 |
| Somali | 117 | 1.09 | 45.75 | 41.97 |
| Benishangul-Gumuz | 3,549 | 55.48 | 1,711.25 | 30.84 |
| S.N.N.P.R. | 344,836 | 6,678.71 | 469,077.71 | 70.23 |
| Gambela | 4,841 | 72.84 | 5,272.73 | 72.39 |
| Harari | 502 | * | * | * |
| Addis Abeba | 87 | 0.42 | * | * |
| Dire Dawa | - | - | - | - |

TABLE 5.15 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ETHIOPIA

| Type of Crop | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Grain Crops | 103,728,807.69 | 63.74 | 12.89 | 20.37 | - | 0.61 | 2.4 |
| Cereals | 90,696,239.34 | 67.03 | 12.66 | 15.59 | 1.26 | 0.69 | 2.77 |
| Teff | 16,450,073.06 | 56.41 | 13.27 | 25.85 | 1.7 | 0.11 | 2.66 |
| Barley | 9,793,878.08 | 65.96 | 18.17 | 10.83 | 0.99 | 1.13 | 2.92 |
| Wheat | 14,609,421.31 | 59.23 | 17.07 | 19.55 | 1.05 | 0.28 | 2.82 |
| Maize | 30,518,438.95 | 76.84 | 8.44 | 10.22 | 0.93 | 1.03 | 2.54 |
| Sorghum | 15,715,550.85 | 74.21 | 9.19 | 11.47 | 1.17 | 0.94 | 3.02 |
| Finger millet | 3,071,054.75 | 69.07 | 10.4 | 13.22 | 3.26 | 0.45 | 3.6 |
| Oats "Aja" | 383,701.95 | 67.87 | 19.03 | 9.15 | 0.62 | 1.83 | 1.5 |
| Rice | 154,120.38 | 64.56 | 12.25 | 19.41 | 2.2 | 0.04 | 1.53 |
| Pulses | 10,927,604.52 | 61.02 | 14.37 | 21.55 | 0.95 | 0.51 | 1.6 |
| Faba/Horse beans | 4,497,131.84 | 67.8 | 14.47 | 14.72 | 1.02 | 0.1 | 1.89 |
| Field peas | 1,542,491.49 | 60.61 | 15.87 | 20.71 | 1.05 | 0.09 | 1.69 |
| Haricot beans | 1,512,583.41 | 70.03 | 9.62 | 18.59 | 0.42 | 0.25 | 1.1 |
| Chick – peas | 1,849,337.31 | 53.95 | 15.47 | 27.11 | 1.6 | 0.16 | 1.71 |
| Lentils | 414,608.74 | 47.42 | 17.73 | 33.02 | 0.54 | 0.18 | 1.11 |
| Grass peas/Vetch | 929,843.68 | 52.25 | 15.12 | 25.84 | 0.98 | 4.01 | 1.81 |
| Soya beans | 16,207.56 | 69.5 | 11.91 | 17.82 | 0.66 | - | 0.11 |
| Fenugreek | 105,686.18 | 31.92 | 14.52 | 52.7 | 0.21 | 0.24 | 0.41 |
| Gibto | 59,714.31 | 64.99 | 12.49 | 19.36 | 2.39 | 0.06 | 0.7 |
| Oilseeds | 2,104,963.84 | 34 | 9.92 | 53.68 | 1.42 | 0.07 | 0.91 |
| Neug | 842,084.35 | 22.66 | 8.57 | 65.58 | 2.3 | 0.06 | 0.83 |
| Linseed | 520,913.78 | 44.03 | 13.17 | 41.14 | 0.73 | 0.08 | 0.85 |
| Groundnuts | 137,314.60 | 25.5 | 12.47 | 59.09 | 1.13 | 0.01 | 1.79 |
| Safflower | 46,169.86 | 65.47 | 6.22 | 25.24 | 1.31 | 0.31 | 1.45 |
| Sesame | 389,045.60 | 32.53 | 8.01 | 57.44 | 1.18 | 0.06 | 0.78 |
| Rapeseed | 169,435.64 | 43.29 | 8.55 | 46.51 | 0.61 | 0.05 | 0.99 |
| Vegetables | 3,726,249.11 | 73.39 | 1.29 | 22.91 | 0.46 | 0.07 | 1.88 |
| Lettuce | 13,371.32 | 48.61 | 2.08 | 45.4 | - | 2.94 | 0.96 |
| Head cabbage | 71,115.28 | 48.4 | 0.24 | 48.54 | 0.05 | 1.09 | 1.68 |
| Ethiopian cabbage | 2,110,275.88 | 83.11 | 0.86 | 13.48 | 0.19 | 0.09 | 2.28 |
| Tomatoes | 334,397.31 | 38.11 | 0.92 | 58.29 | 0.43 | * | 2.24 |
| Green peppers | 413,990.65 | 77.64 | 1.2 | 19.26 | 0.09 | * | 1.8 |
| Red peppers | 772,128.53 | 61.44 | 1.94 | 34.28 | 0.96 | 0.01 | 1.38 |
| Swiss chard | 10,970.16 | 74.39 | 0.54 | 23.32 | - | - | 1.75 |
| Root Crops | 18,681,219.03 | 63.44 | 13.53 | 21.51 | 0.31 | 0.07 | 1.14 |
| Beetroot | 54,429.96 | 54.5 | 0.45 | 43.47 | 0.03 | 0.26 | 1.3 |
| Carrot | 72,747.97 | 25.99 | 0.3 | 72.32 | 0.09 | 0.08 | 1.23 |
| Onion | 2,549,639.91 | 41.06 | 10.91 | 46.49 | 0.35 | 0.01 | 1.18 |
| Potatoes | 9,373,505.12 | 66.03 | 17.43 | 15.08 | 0.43 | 0.07 | 0.95 |
| Garlic | 791,786.07 | 64.58 | 11.79 | 22.46 | 0.2 | 0.02 | 0.95 |
| Taro / 'Godere' | 1,960,522.46 | 77.38 | 14.22 | 6.46 | 0.27 | 0.14 | 1.53 |
| Sweet potatoes | 3,878,587.55 | 81.65 | 0.64 | 10.97 | 0.31 | 4.46 | 1.97 |
| Permanent crops | 5,305,933.19 | 44.36 | 0.59 | 50.79 | 0.4 | 0.54 | 3.32 |
| Avocados | 138,884.83 | 46.64 | 0.45 | 49.99 | 0.19 | 0.04 | 2.69 |
| Bananas | 1,223,719.99 | 48.05 | 0.51 | 48.99 | 0.11 | 0.32 | 2.02 |
| Guavas | 16,581.81 | 56.9 | 0.39 | 34.79 | 0.25 | 0.37 | 7.31 |
| Lemons | 11,715.70 | 31.35 | 0.72 | 62.47 | 0.19 | 0.03 | 5.24 |
| Mangoes | 198,032.95 | 54.37 | 0.3 | 40.46 | 0.15 | 0.02 | 4.69 |
| Oranges | 132,504.11 | 46.35 | 0.35 | 49.01 | 0.17 | 0.07 | 4.04 |
| Papayas | 182,959.24 | 71.87 | 0.27 | 24 | 0.12 | 0.1 | 3.63 |
| Pineapples | * | 43.4 | 0.03 | 54.08 | - | 0.15 | 2.34 |
| Chat | 796,520.04 | 31.18 | 0.57 | 62.81 | 0.34 | 0.04 | 5.06 |
| Coffee | 1,571,752.65 | 37.79 | 0.6 | 58.71 | 0.91 | 0.03 | 1.96 |
| Hops (Gesho) | 246,505.54 | 56.74 | 0.73 | 38.34 | 0.18 | * | 4.01 |
| Sugar cane | 783,802.92 | 38.37 | 1.05 | 48.87 | 0.18 | 8.1 | 3.43 |

TABLE 5.16 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GRAIN CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 103,728,807.69 | 63.74 | 12.89 | 20.37 | - | 0.61 | 2.4 |
| Tigray | 6,401,342.95 | 69.82 | 12.18 | 12.69 | - | 0.58 | 4.74 |
| Afar | 76,390.18 | 71.67 | 8.48 | 16.6 | - | 0.87 | 2.38 |
| Amhara | 33,639,452.83 | 64.25 | 13.15 | 19.65 | - | 0.45 | 2.49 |
| Oromia | 50,103,054.46 | 62.49 | 12.89 | 21.7 | - | 0.68 | 2.25 |
| Somali | 728,958.48 | 69.4 | 14.26 | 13.72 | - | 0.8 | 1.83 |
| Benishangul-Gumuz | 1,573,083.85 | 61.24 | 10.94 | 25.4 | - | 0.88 | 1.54 |
| S.N.N.P.R. | 10,680,741.13 | 66.66 | 10.71 | 19.89 | - | 0.74 | 1.99 |
| Gambela | 160,626.31 | 74.95 | 7.62 | 12.74 | - | 1.42 | 3.27 |
| Harari | 57,541.08 | 71.21 | 12.4 | 12.57 | - | 0.69 | 3.13 |
| Addis Abeba | 208,552.48 | 55.31 | 17.08 | 25.52 | - | 0.75 | 1.34 |
| Dire Dawa | 99,063.95 | - | - | - | - | - | - |

TABLE 5.16.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CEREALS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 90,696,239.34 | 67.03 | 12.66 | 15.59 | 1.26 | 0.69 | 2.77 |
| Tigray | 5,790,432.76 | 71.11 | 12.38 | 10.08 | 0.43 | 0.69 | 5.32 |
| Afar | 75,312.71 | 71.78 | 8.45 | 15.3 | 0.84 | 0.98 | 2.66 |
| Amhara | 27,711,887.01 | 68.42 | 12.75 | 12.99 | 2.48 | 0.44 | 2.92 |
| Oromia | 45,255,220.51 | 66.16 | 12.79 | 16.82 | 0.88 | 0.8 | 2.56 |
| Somali | 720,027.47 | 70.93 | 13.75 | 12.23 | 0.36 | 0.81 | 1.92 |
| Benishangul-Gumuz | 1,391,656.58 | 70.87 | 11.06 | 13.53 | 1.33 | 1.29 | 1.93 |
| S.N.N.P.R. | 9,288,753.88 | 66.19 | 10.68 | 19.53 | 0.45 | 0.96 | 2.19 |
| Gambela | 158,554.47 | 75.72 | 7.79 | 10.79 | 0.73 | 1.56 | 3.42 |
| Harari | 43,923.52 | 82.47 | 11.45 | 1.88 | 0.07 | 0.9 | 3.22 |
| Addis Abeba | 163,769.71 | 59.64 | 17.21 | 20.79 | 0.3 | 0.49 | 1.57 |
| Dire Dawa | 96,700.71 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

TEFF

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 16,450,073.06 | 56.41 | 13.27 | 25.85 | 1.7 | 0.11 | 2.66 |
| Tigray | 1,029,780.79 | 66.06 | 12.66 | 16.08 | 0.45 | 0.11 | 4.64 |
| Afar | 3,496.02 | 63.78 | 8.35 | 26.14 | 0.34 | - | 1.39 |
| Amhara | 7,068,329.38 | 61.19 | 12.07 | 20.63 | 3.05 | 0.08 | 2.98 |
| Oromia | 7,164,758.57 | 53.87 | 13.74 | 28.53 | 1.34 | 0.17 | 2.36 |
| Somali | * | 22.51 | 10.24 | 67.25 | - | - | - |
| Benishangul-Gumuz | 75,929.32 | 59.13 | 13.76 | 23.1 | 1.98 | 0.38 | 1.65 |
| S.N.N.P.R. | 1,037,571.42 | 39.42 | 12.19 | 45.57 | 0.51 | 0.18 | 2.13 |
| Gambela | * | 83.84 | 16.16 | - | - | - | - |
| Harari | * | 80 | 10.72 | 9.28 | - | - | - |
| Addis Abeba | 69,957.23 | 58.09 | 17.46 | 22.52 | 0.3 | - | 1.62 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

BARLEY

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 9,793,878.08 | 65.96 | 18.17 | 10.83 | 0.99 | 1.13 | 2.92 |
| Tigray | 591,762.11 | 70.42 | 14.93 | 7.37 | 0.43 | 0.63 | 6.22 |
| Afar | 162.55 | 79.58 | 18.39 | 1.06 | - | 0.65 | 0.33 |
| Amhara | 3,351,827.39 | 67.59 | 19.79 | 6.94 | 1.76 | 0.72 | 3.2 |
| Oromia | 4,959,290.41 | 62.14 | 19.19 | 14.19 | 0.66 | 1.47 | 2.35 |
| Somali | 57,738.06 | 59.38 | 15 | 21 | 0.19 | 0.43 | 4 |
| Benishangul-Gumuz | 10,444.18 | 63.43 | 22.2 | 9.49 | 1.19 | 0.74 | 2.94 |
| S.N.N.P.R. | 821,410.60 | 68.21 | 13.49 | 15.18 | 0.43 | 0.67 | 2.01 |
| Gambela | 21.21 | 90.92 | 9.08 | - | - | - | - |
| Harari | * | 69.81 | 4.25 | 23.31 | - | 2.63 | - |
| Addis Abeba | 1,056.64 | 66.46 | 22.96 | 2.35 | - | 7.32 | 0.92 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

WHEAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 14,609,421.31 | 59.23 | 17.07 | 19.55 | 1.05 | 0.28 | 2.82 |
| Tigray | 745,929.56 | 68.48 | 15.38 | 8.74 | 0.52 | 0.58 | 6.3 |
| Afar | 196.55 | 76.94 | 21.02 | 1.81 | - | - | 0.23 |
| Amhara | 3,628,003.40 | 65.23 | 17.56 | 11.79 | 1.85 | 0.35 | 3.23 |
| Oromia | 8,657,653.49 | 56.51 | 17.42 | 22.32 | 0.97 | 0.28 | 2.52 |
| Somali | 109,987.35 | 69.73 | 15.19 | 12.67 | 0.61 | 0.14 | 1.67 |
| Benishangul-Gumuz | 9,706.77 | 60.84 | 20.93 | 13.5 | 1.79 | 0.08 | 2.87 |
| S.N.N.P.R. | 1,364,932.54 | 56.37 | 13.43 | 27.31 | 0.5 | 0.21 | 2.17 |
| Gambela | - | - | - | - | - | - | - |
| Harari | 549.11 | 85 | 7.89 | 5.28 | - | 0.44 | 1.39 |
| Addis Abeba | 92,449.44 | 51.38 | 19.64 | 26.86 | 0.44 | 0.06 | 1.61 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

MAIZE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 30,518,438.95 | 76.84 | 8.44 | 10.22 | 0.93 | 1.03 | 2.54 |
| Tigray | 910,478.13 | 80.93 | 9.45 | 4.59 | 0.22 | 1.38 | 3.44 |
| Afar | 60,517.00 | 70.41 | 8.1 | 15.45 | 1.29 | 1.38 | 3.36 |
| Amhara | 6,502,728.52 | 77.83 | 7.55 | 9.75 | 1.89 | 0.64 | 2.36 |
| Oromia | 17,206,530.77 | 75.19 | 9.07 | 11.4 | 0.72 | 0.96 | 2.65 |
| Somali | 267,050.87 | 73.87 | 12.9 | 9.7 | 0.23 | 1.66 | 1.64 |
| Benishangul-Gumuz | 413,891.54 | 76.28 | 9.69 | 9.84 | 0.85 | 1.67 | 1.68 |
| S.N.N.P.R. | 5,019,214.96 | 76.2 | 8.27 | 11.07 | 0.42 | 1.62 | 2.42 |
| Gambela | 124,366.98 | 74.77 | 7.79 | 11.92 | 0.59 | 1.58 | 3.35 |
| Harari | 8,331.45 | 85.02 | 9.79 | 0.81 | 0.03 | 1.33 | 3.03 |
| Addis Abeba | 46.18 | 96.15 | 2.18 | - | - | - | 1.67 |
| Dire Dawa | 5,282.55 | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SORGHUM

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 15,715,550.85 | 74.21 | 9.19 | 11.47 | 1.17 | 0.94 | 3.02 |
| Tigray | 1,923,553.91 | 72.07 | 10.55 | 10.64 | 0.56 | 1.11 | 5.06 |
| Afar | 10,940.59 | 79.33 | 6.09 | 10.23 | 0.47 | 1.07 | 2.81 |
| Amhara | 5,233,920.47 | 72.09 | 8.99 | 12.49 | 2.43 | 0.7 | 3.3 |
| Oromia | 6,457,241.60 | 74.81 | 8.89 | 11.74 | 0.75 | 0.89 | 2.92 |
| Somali | 281,085.37 | 74.15 | 12.23 | 11.14 | 0.45 | 0.38 | 1.65 |
| Benishangul-Gumuz | 670,390.74 | 69.97 | 10.89 | 14.24 | 1.11 | 1.55 | 2.24 |
| S.N.N.P.R. | 978,737.42 | 78.04 | 9.12 | 8.92 | 0.46 | 1.41 | 2.06 |
| Gambela | 33,222.08 | 77.48 | 7.74 | 8.28 | 1.12 | 1.64 | 3.75 |
| Harari | 34,892.12 | 81.06 | 13.13 | 1.4 | 0.11 | 0.64 | 3.67 |
| Addis Abeba | 195.91 | 75 | 9.12 | 15 | - | - | 0.88 |
| Dire Dawa | 91,370.65 | - | - | - | - | - | - |

TABLE F- CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

FINGER MILLET

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,071,054.75 | 69.07 | 10.4 | 13.22 | 3.26 | 0.45 | 3.6 |
| Tigray | 585,774.50 | 66.61 | 11.61 | 13.41 | 0.49 | 0.21 | 7.67 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 1,678,957.63 | 66.02 | 10.63 | 14.26 | 6.2 | 0.18 | 2.71 |
| Oromia | 546,555.60 | 73.77 | 9.46 | 12.19 | 0.93 | 1.17 | 2.48 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 198,786.43 | 68.34 | 10.95 | 15.7 | 2.83 | 0.33 | 1.86 |
| S.N.N.P.R. | 60,438.91 | 85.37 | 7.39 | 5.98 | 0.24 | 0.25 | 0.77 |
| Gambela | 537.59 | 83.6 | 5.16 | 9.72 | - | 0.29 | 1.23 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

OATS / 'AJA'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 383,701.95 | 67.87 | 19.03 | 9.15 | 0.62 | 1.83 | 1.5 |
| Tigray | 3,153.76 | 51.5 | 26.06 | 16.31 | 1.15 | 3.07 | 1.9 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 116,190.26 | 72 | 18.88 | 6.23 | 0.95 | 0.33 | 1.61 |
| Oromia | 253,678.06 | 65.38 | 18.8 | 10.8 | 0.46 | 3.11 | 1.45 |
| Somali | 3,954.60 | 57.47 | 28.76 | 12.4 | 0.31 | 0.54 | 0.53 |
| Benishangul-Gumuz | 213.81 | 61.48 | 24.91 | 13.31 | - | 0.31 | - |
| S.N.N.P.R. | 6,448.03 | 77.88 | 14.72 | 4.94 | 0.08 | 0.7 | 1.68 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 41.44 | 15.45 | 43.11 | - | - | - |
| Addis Abeba | * | 43.61 | 28.7 | 26.62 | - | - | 1.06 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

RICE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 154,120.38 | 64.56 | 12.25 | 19.41 | 2.2 | 0.04 | 1.53 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 131,929.98 | 64.44 | 11.52 | 20.19 | 2.22 | - | 1.63 |
| Oromia | 9,512.02 | 61.75 | 12.51 | 21.15 | 3.76 | - | 0.83 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 12,293.79 | 67.01 | 17.63 | 12.75 | 1.25 | 0.34 | 1.01 |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | 384.60 | 67.75 | 12.16 | 15.65 | - | 0.61 | 3.83 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.16.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

PULSES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 10,927,604.52 | 61.02 | 14.37 | 21.55 | 0.95 | 0.51 | 1.6 |
| Tigray | 435,450.44 | 70.76 | 11.88 | 14.35 | 0.26 | 0.14 | 2.61 |
| Afar | 329.85 | 78.23 | 13.5 | 8.18 | - | - | 0.08 |
| Amhara | 5,060,578.74 | 61.18 | 15.78 | 18.66 | 1.9 | 0.61 | 1.86 |
| Oromia | 3,938,142.41 | 59.9 | 14.09 | 23.66 | 0.54 | 0.38 | 1.43 |
| Somali | 6,558.32 | 52.13 | 16.76 | 29.73 | - | 0.95 | 0.43 |
| Benishangul-Gumuz | 61,038.37 | 72.21 | 11.95 | 13.49 | 1.27 | 0.01 | 1.06 |
| S.N.N.P.R. | 1,375,978.85 | 69.05 | 10.38 | 18.65 | 0.32 | 0.14 | 1.46 |
| Gambela | 1,083.41 | 82.5 | 5.05 | 10.27 | 0.05 | 0.05 | 2.09 |
| Harari | 1,543.90 | 87.6 | 8.67 | 1.89 | - | - | 1.84 |
| Addis Abeba | 44,761.12 | 49.34 | 16.8 | 31.5 | 0.18 | 1.11 | 1.06 |
| Dire Dawa | 2,139.11 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

FABA/HORSE BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 4,497,131.84 | 67.8 | 14.47 | 14.72 | 1.02 | 0.1 | 1.89 |
| Tigray | 199,169.49 | 74.01 | 11.54 | 11.39 | 0.25 | 0.1 | 2.71 |
| Afar | * | 100 | - | - | - | - | - |
| Amhara | 2,104,687.91 | 68.37 | 16.14 | 11.38 | 1.89 | 0.13 | 2.09 |
| Oromia | 1,678,553.71 | 63.31 | 15.49 | 18.68 | 0.63 | 0.07 | 1.82 |
| Somali | * | 90 | 10 | - | - | - | - |
| Benishangul-Gumuz | 5,636.79 | 74.33 | 13.61 | 8.73 | 2.09 | - | 1.24 |
| S.N.N.P.R. | 506,682.61 | 69.08 | 10.15 | 18.76 | 0.37 | 0.12 | 1.53 |
| Gambela | * | - | - | - | - | - | - |
| Harari | * | 58.56 | 41.44 | - | - | - | - |
| Addis Abeba | * | 78.16 | 14.04 | 6.73 | 0.04 | - | 1.03 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

FIELD PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,542,491.49 | 60.61 | 15.87 | 20.71 | 1.05 | 0.09 | 1.69 |
| Tigray | 37,711.25 | 72.9 | 10.65 | 13.47 | 0.2 | 0.02 | 2.76 |
| Afar | * | 80 | 20 | - | - | - | - |
| Amhara | 683,957.85 | 65.08 | 17.16 | 14.2 | 1.77 | 0.12 | 1.67 |
| Oromia | 585,923.21 | 54.94 | 16.49 | 26.42 | 0.61 | 0.04 | 1.5 |
| Somali | * | 65.52 | 15.63 | 18.85 | - | - | - |
| Benishangul-Gumuz | 5,047.73 | 62.03 | 21.22 | 12.91 | 1.41 | - | 2.43 |
| S.N.N.P.R. | 229,117.15 | 56.49 | 13.13 | 28.12 | 0.4 | 0.09 | 1.76 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 91.5 | 8.5 | - | - | - | - |
| Addis Abeba | 228.18 | 80.12 | 12.22 | 5.1 | - | - | 2.55 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

HARICOT BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,512,583.41 | 70.03 | 9.62 | 18.59 | 0.42 | 0.25 | 1.1 |
| Tigray | 9,987.43 | 82.31 | 10.59 | 5.41 | 0.1 | 0.3 | 1.29 |
| Afar | 176.64 | 90.76 | 7.57 | 1.67 | - | - | - |
| Amhara | 178,436.12 | 61.15 | 11.68 | 23.71 | 1.49 | 0.78 | 1.2 |
| Oromia | 689,677.06 | 66.07 | 9.23 | 23.35 | 0.28 | 0.17 | 0.9 |
| Somali | 2,417.83 | 62.08 | 19.12 | 16.19 | - | 2.18 | 0.44 |
| Benishangul-Gumuz | 35,027.03 | 73.86 | 11.02 | 12.79 | 1.21 | 0.01 | 1.11 |
| S.N.N.P.R. | 592,181.80 | 76.57 | 9.31 | 12.42 | 0.21 | 0.18 | 1.31 |
| Gambela | 1,081.41 | 82.5 | 5.05 | 10.27 | 0.05 | 0.05 | 2.09 |
| Harari | 1,469.29 | 91.41 | 4.18 | 2.43 | - | - | 1.98 |
| Addis Abeba | 2.03 | 91.37 | 7.67 | - | - | - | 0.96 |
| Dire Dawa | 2,126.76 | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CHICK PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,849,337.31 | 53.95 | 15.47 | 27.11 | 1.6 | 0.16 | 1.71 |
| Tigray | 104,512.17 | 70.04 | 12.3 | 14.46 | 0.28 | 0.12 | 2.81 |
| Afar | 142.55 | 68.43 | 19.43 | 11.94 | - | - | 0.2 |
| Amhara | 1,087,160.73 | 61.32 | 15.31 | 18.35 | 2.8 | 0.18 | 2.05 |
| Oromia | 588,298.37 | 53.81 | 16.02 | 27.41 | 1.05 | 0.13 | 1.58 |
| Somali | * | 36.43 | 12.35 | 50.84 | - | - | 0.39 |
| Benishangul-Gumuz | 2,268.21 | 70.26 | 10.11 | 17.29 | 1.61 | - | 0.73 |
| S.N.N.P.R. | 38,621.90 | 63.89 | 7.46 | 26.74 | 0.64 | 0.19 | 1.09 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 84.98 | 7.43 | 3.52 | - | - | 4.07 |
| Addis Abeba | 25,715.48 | 38.72 | 16.96 | 42.53 | 0.49 | 0.14 | 1.16 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LENTILS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 414,608.74 | 47.42 | 17.73 | 33.02 | 0.54 | 0.18 | 1.11 |
| Tigray | 30,026.41 | 58.54 | 12.55 | 25.68 | 0.29 | 0.47 | 2.47 |
| Afar | 0.32 | 7.26 | 31.9 | 60.84 | - | - | - |
| Amhara | 287,533.08 | 42.04 | 17.98 | 37.86 | 0.88 | 0.23 | 1.01 |
| Oromia | 88,441.01 | 54.11 | 13.59 | 31.18 | 0.22 | 0.12 | 0.78 |
| Somali | 862.73 | 63.87 | 24.46 | 11.66 | - | - | - |
| Benishangul-Gumuz | 194.89 | 74.17 | 14.83 | 10.79 | - | - | 0.21 |
| S.N.N.P.R. | 4,254.35 | 61.47 | 13.53 | 24.16 | 0.14 | 0.02 | 0.69 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 49.47 | 23.29 | 25.92 | 0.05 | - | 1.26 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 929,843.68 | 52.25 | 15.12 | 25.84 | 0.98 | 4.01 | 1.81 |
| Tigray | 52,047.59 | 67.58 | 14.12 | 15.54 | 0.36 | 0.09 | 2.31 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 597,963.45 | 55.43 | 13.51 | 21.3 | 2.32 | 4.73 | 2.71 |
| Oromia | 263,835.80 | 49.54 | 16.74 | 26.42 | 0.5 | 5.4 | 1.39 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 22.97 | 65.51 | 8.62 | 25.87 | - | - | - |
| S.N.N.P.R. | 3,563.34 | 72.37 | 6.1 | 17.58 | 0.52 | 3.04 | 0.39 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 12,410.53 | 48.89 | 16.09 | 30.48 | 0.07 | 3.32 | 1.15 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SOYA BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 16,207.56 | 69.5 | 11.91 | 17.82 | 0.66 | - | 0.11 |
| Tigray | 130.67 | 59.09 | 22.73 | 18.18 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,065.92 | 20.65 | 37.34 | 39.4 | 2.61 | - | - |
| Oromia | 1,424.40 | 54.09 | 24.8 | 21.11 | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 12,424.32 | 69.38 | 10.31 | 19.42 | 0.78 | - | 0.12 |
| S.N.N.P.R. | 162.26 | 92.8 | 3.71 | 3.29 | - | - | 0.19 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

FENUGREEK

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 105,686.18 | 31.92 | 14.52 | 52.7 | 0.21 | 0.24 | 0.41 |
| Tigray | 1,865.42 | 40.49 | 11.15 | 46.58 | 0.28 | - | 1.5 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 59,454.11 | 25.72 | 13.88 | 59.17 | 0.55 | 0.14 | 0.53 |
| Oromia | 41,988.84 | 38.75 | 12.1 | 47.78 | 0.09 | 0.67 | 0.61 |
| Somali | 189.84 | 19.68 | 11.81 | 66.74 | - | - | 1.77 |
| Benishangul-Gumuz | * | 70.12 | 15.32 | 14.56 | - | - | - |
| S.N.N.P.R. | * | 47.77 | 13.12 | 38.58 | 0.06 | 0.02 | 0.46 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 100 | - | - | - | - | - |
| Addis Abeba | 756.06 | 29.93 | 17.49 | 52.53 | - | - | 0.05 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE I - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GIBTO

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 59,714.31 | 64.99 | 12.49 | 19.36 | 2.39 | 0.06 | 0.7 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 59,319.58 | 65.06 | 12.51 | 19.32 | 2.38 | 0.06 | 0.68 |
| Oromia | - | - | - | - | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 394.73 | 45.66 | 7.4 | 32.7 | 7.12 | - | 7.12 |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.16.3 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

OILSEEDS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,104,963.84 | 34 | 9.92 | 53.68 | 1.42 | 0.07 | 0.91 |
| Tigray | 175,459.75 | 44.15 | 9.61 | 44.56 | 0.23 | 0.08 | 1.37 |
| Afar | 747.61 | 64.19 | 4.48 | 29.14 | 2.16 | - | 0.03 |
| Amhara | 866,987.08 | 38.9 | 8.35 | 49.36 | 2.46 | 0.05 | 0.88 |
| Oromia | 909,691.53 | 25.53 | 10.63 | 62.34 | 0.54 | 0.09 | 0.88 |
| Somali | 2,372.70 | 34.14 | 31.01 | 34.45 | 0.05 | - | 0.35 |
| Benishangul-Gumuz | 120,388.90 | 28.78 | 10.17 | 59.31 | 1.04 | 0.06 | 0.64 |
| S.N.N.P.R. | 16,008.40 | 46.11 | 19.18 | 32.99 | 0.17 | 0.1 | 1.45 |
| Gambela | 988.43 | 52.08 | 7.28 | 38.49 | 0.06 | 0.26 | 1.82 |
| Harari | 12,073.66 | 28.27 | 16.34 | 52.44 | - | - | 2.95 |
| Addis Abeba | * | 61.03 | 21.97 | 17 | - | - | - |
| Dire Dawa | 224.13 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

NEUG

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 842,084.35 | 22.66 | 8.57 | 65.58 | 2.3 | 0.06 | 0.83 |
| Tigray | 27,141.60 | 47.75 | 8.85 | 42.66 | 0.15 | 0.01 | 0.59 |
| Afar | 1.46 | 82.04 | - | 17.96 | - | - | - |
| Amhara | 450,483.03 | 24.14 | 7.91 | 63.31 | 3.65 | 0.04 | 0.95 |
| Oromia | 324,261.42 | 18.58 | 9.25 | 70.57 | 0.75 | 0.1 | 0.76 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 37,954.61 | 17.28 | 10.27 | 70.83 | 1.34 | 0.01 | 0.27 |
| S.N.N.P.R. | 2,242.24 | 19.62 | 10.33 | 68.45 | 1.29 | 0.01 | 0.31 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LINSEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 520,913.78 | 44.03 | 13.17 | 41.14 | 0.73 | 0.08 | 0.85 |
| Tigray | 16,914.18 | 64.08 | 11.6 | 22.3 | 0.08 | 0.05 | 1.89 |
| Afar | * | 100 | - | - | - | - | - |
| Amhara | 106,581.03 | 62.56 | 12.96 | 22.02 | 1.46 | 0.06 | 0.94 |
| Oromia | 392,445.34 | 23.35 | 12.24 | 63.33 | 0.33 | 0.11 | 0.64 |
| Somali | 1,409.81 | 32.28 | 32.74 | 34.58 | 0.05 | - | 0.35 |
| Benishangul-Gumuz | 455.07 | 69.63 | 11.2 | 18.52 | 0.55 | - | 0.1 |
| S.N.N.P.R. | 3,088.83 | 55.68 | 16.11 | 27.05 | 0.06 | 0.02 | 1.07 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 53.64 | 30.45 | 15.91 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GROUNDNUTS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 137,314.60 | 25.5 | 12.47 | 59.09 | 1.13 | 0.01 | 1.79 |
| Tigray | * | - | - | 100 | - | - | - |
| Afar | * | 35 | 15 | 50 | - | - | - |
| Amhara | * | 5.82 | 8.82 | 78.41 | 6.45 | - | 0.51 |
| Oromia | 77,571.09 | 24.86 | 12.18 | 60.38 | 0.67 | 0.01 | 1.9 |
| Somali | * | 54.08 | 16.46 | 29.46 | - | - | - |
| Benishangul-Gumuz | 22,787.06 | 32.17 | 12.56 | 52.75 | 1.4 | 0.01 | 1.11 |
| S.N.N.P.R. | * | 24.56 | 15.41 | 56.8 | 0.6 | - | 2.63 |
| Gambela | 177.43 | 75.17 | 7.49 | 14.45 | - | 0.11 | 2.78 |
| Harari | 11,983.49 | 26.68 | 16.56 | 53.76 | - | - | 3 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SAFFLOWER

| Geographic Area | Total Production (Quintal) | Percent Utilized For: Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
|---|---|---|---|---|---|---|---|
| Ethiopia | 46,169.86 | 65.47 | 6.22 | 25.24 | 1.31 | 0.31 | 1.45 |
| Tigray | 114.19 | 82.85 | 4.46 | 11.8 | - | 0.45 | 0.45 |
| Afar | 32.83 | 84.86 | 3.95 | 11.19 | - | - | - |
| Amhara | 37,856.40 | 63.53 | 6.11 | 26.89 | 1.71 | 0.27 | 1.5 |
| Oromia | 6,143.14 | 68.44 | 6.69 | 22.85 | 0.05 | 0.23 | 1.74 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 634.52 | 74.35 | 5.9 | 13.68 | 1.05 | 4.91 | 0.11 |
| S.N.N.P.R. | 1,388.79 | 75.26 | 6.78 | 17.16 | - | - | 0.8 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SESAME

| Geographic Area | Total Production (Quintal) | Percent Utilized For: Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
|---|---|---|---|---|---|---|---|
| Ethiopia | 389,045.60 | 32.53 | 8.01 | 57.44 | 1.18 | 0.06 | 0.78 |
| Tigray | 131,119.66 | 16.52 | 8.14 | 73.39 | 0.5 | 0.18 | 1.29 |
| Afar | * | 59.93 | 4.05 | 32.98 | 3 | - | 0.04 |
| Amhara | 132,630.80 | 39.34 | 7.41 | 50.88 | 1.87 | 0.05 | 0.44 |
| Oromia | 65,024.23 | 34.85 | 7.56 | 55.65 | 1.03 | * | 0.91 |
| Somali | * | 5.02 | 4.98 | 84.98 | - | - | 5.02 |
| Benishangul-Gumuz | 57,719.02 | 30.29 | 9.42 | 58.72 | 0.73 | 0.04 | 0.81 |
| S.N.N.P.R. | 535.15 | 33.8 | 14.8 | 51.08 | - | - | 0.32 |
| Gambela | 806.58 | 28.99 | 7.14 | 62.45 | 0.13 | 0.41 | 0.89 |
| Harari | * | 91.29 | 7.61 | - | - | - | 1.1 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

RAPESEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For: Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
|---|---|---|---|---|---|---|---|
| Ethiopia | 169,435.64 | 43.29 | 8.55 | 46.51 | 0.61 | 0.05 | 0.99 |
| Tigray | 97.46 | 63.93 | 4.19 | 17.74 | - | - | 14.14 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 122,592.55 | 39.97 | 4.16 | 54.19 | 1 | * | 0.68 |
| Oromia | 44,246.31 | 46.66 | 11.89 | 39.98 | 0.09 | 0.1 | 1.3 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 838.62 | 70.96 | 6.09 | 21.77 | 0.35 | - | 0.83 |
| S.N.N.P.R. | 1,653.93 | 39.2 | 28.34 | 30.04 | 0.06 | 0.27 | 2.09 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 2.35 | 72.75 | 8.53 | 18.72 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.17 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

VEGETABLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,726,249.11 | 73.39 | 1.29 | 22.91 | 0.46 | 0.07 | 1.88 |
| Tigray | 55,294.95 | 81.2 | 1.65 | 14.35 | 0.09 | 0.06 | 2.65 |
| Afar | * | 62.19 | 1.65 | 33.47 | - | - | 2.69 |
| Amhara | 435,208.23 | 75.8 | 1.48 | 20.06 | 1.26 | 0.04 | 1.36 |
| Oromia | 1,368,422.52 | 70.83 | 1.33 | 25.58 | 0.19 | 0.06 | 2.02 |
| Somali | 11,453.05 | 34.77 | 1.08 | 60.89 | - | 0.01 | 3.24 |
| Benishangul-Gumuz | 22,168.35 | 78.08 | 1.95 | 18.41 | 0.67 | 0.01 | 0.88 |
| S.N.N.P.R. | 1,810,018.17 | 73.96 | 1.04 | 22.5 | 0.29 | 0.08 | 2.14 |
| Gambela | 5,704.04 | 82.07 | 0.7 | 14.3 | 0.19 | - | 2.74 |
| Harari | * | 90.93 | 3.02 | - | - | - | 6.05 |
| Addis Abeba | 2,662.98 | 72.07 | 1.79 | 24.98 | - | 0.24 | 0.91 |
| Dire Dawa | 6,425.68 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LETTUCE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 13,371.32 | 48.61 | 2.08 | 45.4 | - | 2.94 | 0.96 |
| Tigray | 891.25 | 30.36 | 1.5 | 65.55 | - | - | 2.59 |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | 39.56 | - | 56.19 | - | - | 4.26 |
| Oromia | 10,682.97 | 21.35 | 2.16 | 68.95 | - | 7.16 | 0.38 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 100 | - | - | - | - | - |
| S.N.N.P.R. | * | 68.23 | 14.32 | 17.06 | - | - | 0.38 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 96.48 | - | 3.52 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

HEAD CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 71,115.28 | 48.4 | 0.24 | 48.54 | 0.05 | 1.09 | 1.68 |
| Tigray | 1,715.26 | 19.49 | 1.18 | 76.68 | - | 2.66 | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 8,712.35 | 33.69 | 0.35 | 62.73 | - | 0.28 | 2.95 |
| Oromia | 46,707.72 | 54.9 | 0.02 | 42.49 | 0.12 | 0.98 | 1.49 |
| Somali | * | 10 | - | 90 | - | - | - |
| Benishangul-Gumuz | 261.86 | 85.57 | - | 12.49 | - | - | 1.94 |
| S.N.N.P.R. | 12,508.66 | 76.27 | 1.09 | 21.01 | 0.04 | 0.23 | 1.37 |
| Gambela | * | 62.48 | - | 18.04 | - | - | 19.47 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 646.13 | 34.59 | - | 61.96 | - | 1.85 | 1.59 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,110,275.88 | 83.11 | 0.86 | 13.48 | 0.19 | 0.09 | 2.28 |
| Tigray | 576.01 | 77.56 | - | 22.44 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 34,825.72 | 92.58 | 0.63 | 5.26 | * | 0.34 | 1.18 |
| Oromia | 631,163.11 | 81.95 | 0.89 | 14.62 | 0.09 | 0.05 | 2.4 |
| Somali | * | - | - | 100 | - | - | - |
| Benishangul-Gumuz | * | 86.5 | - | 13.12 | - | - | 0.38 |
| S.N.N.P.R. | 1,434,863.64 | 83.57 | 0.83 | 12.83 | 0.27 | 0.1 | 2.4 |
| Gambela | 3,641.48 | 86.94 | 0.52 | 10.76 | 0.33 | - | 1.44 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 1,368.60 | 77.4 | 1.07 | 20.67 | - | - | 0.86 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

TOMATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 334,397.31 | 38.11 | 0.92 | 58.29 | 0.43 | * | 2.24 |
| Tigray | 23,374.94 | 26.78 | 2.19 | 69.04 | - | - | 1.99 |
| Afar | * | 32.76 | 1.14 | 62.53 | - | - | 3.58 |
| Amhara | * | 22.92 | 0.63 | 73.13 | 0.8 | - | 2.52 |
| Oromia | 160,076.81 | 43.06 | 1.04 | 53.4 | 0.28 | - | 2.21 |
| Somali | 9,505.12 | 35.14 | 0.6 | 61.85 | - | 0.02 | 2.4 |
| Benishangul-Gumuz | 1,017.63 | 59.15 | 0.49 | 36.45 | 0.47 | - | 3.44 |
| S.N.N.P.R. | 11,261.24 | 62.19 | 0.42 | 35.64 | 0.48 | - | 1.27 |
| Gambela | 1,180.26 | 64.48 | 1.85 | 28.14 | - | - | 5.53 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 6,420.35 | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GREEN PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 413,990.65 | 77.64 | 1.2 | 19.26 | 0.09 | * | 1.8 |
| Tigray | 20,806.33 | 82.13 | 2.39 | 13.19 | 0.47 | - | 1.82 |
| Afar | * | 33.35 | 2.15 | 60.04 | - | - | 4.46 |
| Amhara | 79,479.20 | 84.7 | 0.54 | 13.41 | 0.13 | * | 1.22 |
| Oromia | 219,960.71 | 77.68 | 0.81 | 19.45 | 0.07 | 0.01 | 1.99 |
| Somali | * | 46.09 | 3.11 | 43.36 | - | - | 7.44 |
| Benishangul-Gumuz | 2,451.33 | 85.55 | 1.03 | 12.47 | - | - | 0.96 |
| S.N.N.P.R. | 89,334.22 | 67.28 | 1.22 | 29.46 | 0.06 | 0.01 | 1.97 |
| Gambela | 483.07 | 91.15 | 0.17 | 7.47 | - | - | 1.2 |
| Harari | * | 90.93 | 3.02 | - | - | - | 6.05 |
| Addis Abeba | * | 81.09 | 18.91 | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

RED PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 772,128.53 | 61.44 | 1.94 | 34.28 | 0.96 | 0.01 | 1.38 |
| Tigray | 6,676.78 | 88.43 | 1.45 | 7.04 | 0.01 | 0.02 | 3.05 |
| Afar | 86.58 | 96.05 | 1.84 | 0.79 | - | - | 1.32 |
| Amhara | 195,741.89 | 74.53 | 1.7 | 20.85 | 1.55 | 0.01 | 1.36 |
| Oromia | 295,081.16 | 54.26 | 2.26 | 41.57 | 0.38 | 0.01 | 1.52 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 14,797.32 | 77.68 | 2.12 | 18.63 | 0.74 | 0.01 | 0.81 |
| S.N.N.P.R. | 259,443.75 | 17.51 | 2.21 | 79.21 | 0.48 | - | 0.6 |
| Gambela | 301.05 | 76 | 0.91 | 19.59 | - | - | 3.5 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SWISS CHARD

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 10,970.16 | 74.39 | 0.54 | 23.32 | - | - | 1.75 |
| Tigray | 1,254.38 | 36.06 | 1.76 | 61.72 | - | - | 0.46 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,573.38 | 75.73 | 0.58 | 22.81 | - | - | 0.88 |
| Oromia | 4,750.04 | 72.83 | 1.62 | 22.2 | - | - | 3.36 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 100 | - | - | - | - | - |
| S.N.N.P.R. | * | 92.03 | 0.52 | 3.06 | - | - | 4.39 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 54.16 | 75.02 | - | 23.93 | - | - | 1.05 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.18 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ROOT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 18,681,219.03 | 63.44 | 13.53 | 21.51 | 0.31 | 0.07 | 1.14 |
| Tigray | 112,593.70 | 41.83 | 10.09 | 46.72 | 0.05 | - | 1.31 |
| Afar | 31,795.76 | 16.87 | 0.25 | 64.22 | 18.66 | - | - |
| Amhara | 4,990,437.04 | 62.7 | 14.3 | 21.36 | 0.69 | 0.05 | 0.9 |
| Oromia | 5,129,934.57 | 59.1 | 11.64 | 27.61 | 0.18 | 0.05 | 1.42 |
| Somali | 94,042.50 | 20.02 | 19.83 | 59.75 | 0.05 | - | 0.35 |
| Benishangul-Gumuz | 66,831.69 | 67.1 | 9.78 | 22.3 | 0.28 | - | 0.55 |
| S.N.N.P.R. | 8,183,012.91 | 68.75 | 16.71 | 13.02 | 0.24 | 0.13 | 1.16 |
| Gambela | 28,840.23 | 87.34 | 4.64 | 5.73 | * | - | 2.29 |
| Harari | 8,601.20 | 45.73 | 4.77 | 49.06 | - | - | 0.43 |
| Addis Abeba | 21,709.96 | 61.95 | 4.88 | 32.44 | - | - | 0.73 |
| Dire Dawa | 13,419.48 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

BEETROOT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 54,429.96 | 54.5 | 0.45 | 43.47 | 0.03 | 0.26 | 1.3 |
| Tigray | * | 16.37 | - | 83.63 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 7,424.91 | 38.25 | 1.42 | 55.82 | - | 2 | 2.52 |
| Oromia | 37,223.15 | 59.49 | 0.67 | 38.04 | 0.06 | 0.04 | 1.7 |
| Somali | * | 10 | - | 85.73 | - | - | 4.27 |
| Benishangul-Gumuz | 46.63 | 78.95 | - | 20.59 | - | - | 0.46 |
| S.N.N.P.R. | 7,814.65 | 75.93 | 0.18 | 21.89 | - | 0.46 | 1.54 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 590.18 | 33.92 | - | 66.08 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CARROT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 72,747.97 | 25.99 | 0.3 | 72.32 | 0.09 | 0.08 | 1.23 |
| Tigray | 4,997.56 | 18.23 | 4.09 | 77.69 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 14,111.39 | 27.67 | 2.48 | 67.85 | - | 0.6 | 1.4 |
| Oromia | 32,515.41 | 40.79 | 0.22 | 56.57 | 0.56 | 0.25 | 1.61 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 145.88 | 53.61 | - | 46.03 | 0.24 | - | 0.12 |
| S.N.N.P.R. | 4,350.69 | 72.45 | - | 25.42 | 0.27 | - | 1.86 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 16,627.04 | 19.44 | - | 79.43 | - | - | 1.13 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ONION

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,549,639.91 | 41.06 | 10.91 | 46.49 | 0.35 | 0.01 | 1.18 |
| Tigray | 49,733.28 | 27.43 | 8.68 | 62.81 | 0.05 | - | 1.04 |
| Afar | 31,658.40 | 16.87 | 0.25 | 64.22 | 18.66 | - | - |
| Amhara | 1,228,250.72 | 40.58 | 12.45 | 45.36 | 0.72 | * | 0.89 |
| Oromia | 1,012,276.16 | 38.67 | 10.66 | 49.15 | 0.21 | 0.01 | 1.31 |
| Somali | 32,935.83 | 17.83 | 22.47 | 59.56 | - | - | 0.13 |
| Benishangul-Gumuz | 2,862.27 | 53.27 | 5 | 41.23 | 0.03 | - | 0.46 |
| S.N.N.P.R. | 184,071.91 | 36.84 | 10.63 | 50.67 | 0.3 | 0.04 | 1.52 |
| Gambela | * | 84.01 | 12.11 | 3.87 | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 82.96 | 7.95 | 8.71 | - | - | 0.38 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 9,373,505.12 | 66.03 | 17.43 | 15.08 | 0.43 | 0.07 | 0.95 |
| Tigray | 32,272.42 | 52.35 | 4.9 | 42.1 | - | - | 0.65 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 3,387,804.71 | 69.81 | 16.95 | 11.32 | 1.17 | 0.05 | 0.71 |
| Oromia | 2,275,633.70 | 58.67 | 14.24 | 25.45 | 0.2 | 0.05 | 1.4 |
| Somali | 4,739.76 | 85.73 | 0.73 | 13.54 | - | - | - |
| Benishangul-Gumuz | 35,266.55 | 74.01 | 13.65 | 11.06 | 0.44 | - | 0.85 |
| S.N.N.P.R. | 3,632,646.34 | 69.36 | 20.46 | 9.11 | 0.15 | 0.1 | 0.82 |
| Gambela | 184.05 | 92.87 | 7.13 | - | - | - | - |
| Harari | * | 45.73 | 4.77 | 49.06 | - | - | 0.43 |
| Addis Abeba | 201.20 | 33.34 | 2.09 | 64.57 | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GARLIC

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 791,786.07 | 64.58 | 11.79 | 22.46 | 0.2 | 0.02 | 0.95 |
| Tigray | 24,710.46 | 52.01 | 14.9 | 30.93 | 0.08 | - | 2.07 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 335,735.56 | 65.07 | 13.19 | 20.37 | 0.34 | 0.02 | 1.02 |
| Oromia | 287,980.22 | 54.63 | 11.53 | 32.71 | 0.15 | 0.05 | 0.94 |
| Somali | 40,324.83 | 7.95 | 22.54 | 68.94 | 0.11 | - | 0.46 |
| Benishangul-Gumuz | 3,181.69 | 69.58 | 12.43 | 17.09 | 0.38 | - | 0.52 |
| S.N.N.P.R. | 97,987.64 | 52.54 | 13.31 | 33.1 | 0.07 | 0.06 | 0.92 |
| Gambela | 98.19 | 66.66 | 21.32 | 12.02 | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 1,767.48 | 83.49 | 7.4 | 8.4 | - | - | 0.71 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

TARO / 'GODERE'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,960,522.46 | 77.38 | 14.22 | 6.46 | 0.27 | 0.14 | 1.53 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | - | - | - | - | - | - | - |
| Oromia | 469,458.28 | 81.79 | 11.1 | 4.95 | 0.16 | 0.1 | 1.91 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 748.45 | 94.16 | 4.42 | 1.41 | - | - | - |
| S.N.N.P.R. | 1,472,626.95 | 75.4 | 15.65 | 7.11 | 0.32 | 0.16 | 1.37 |
| Gambela | 17,688.78 | 88.03 | 3.82 | 5.66 | * | - | 2.47 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SWEET POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,878,587.55 | 81.65 | 0.64 | 10.97 | 0.31 | 4.46 | 1.97 |
| Tigray | 143.89 | 65.14 | 1.23 | 32.33 | - | - | 1.3 |
| Afar | * | 63.25 | 3.67 | 33.08 | - | - | - |
| Amhara | 17,109.75 | 65.98 | 1.66 | 30.71 | 0.26 | - | 1.4 |
| Oromia | 1,014,847.65 | 82.33 | 0.59 | 12.93 | 0.12 | 1.7 | 2.33 |
| Somali | 15,454.50 | 83.48 | 0.67 | 13.59 | - | 0.29 | 1.98 |
| Benishangul-Gumuz | 24,580.23 | 83.25 | 0.96 | 14.84 | 0.01 | 0.23 | 0.72 |
| S.N.N.P.R. | 2,783,514.74 | 81.45 | 0.64 | 9.62 | 0.42 | 6.05 | 1.83 |
| Gambela | 10,820.43 | 82.43 | 1.18 | 13.06 | 0.07 | 0.35 | 2.91 |
| Harari | 4,706.73 | 80.63 | 1.41 | 10.42 | - | 4.99 | 2.54 |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | 7,269.77 | - | - | - | - | - | - |

TABLE 5.19 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

PERMANENT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 5,305,933.19 | 44.36 | 0.59 | 50.79 | 0.4 | 0.54 | 3.32 |
| Tigray | 64,937.39 | 43.26 | 1.55 | 47.89 | 0.09 | - | 7.21 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 100,207.98 | 58.47 | 0.61 | 37.69 | 0.22 | 0.02 | 2.99 |
| Oromia | 2,651,078.91 | 44.04 | 0.61 | 50.35 | 0.59 | 0.37 | 4.04 |
| Somali | 130,372.91 | 27.75 | 0.66 | 64.84 | 0.34 | 0.09 | 6.31 |
| Benishangul-Gumuz | 91,125.97 | 62.32 | 0.75 | 33.88 | 0.1 | 0.02 | 2.94 |
| S.N.N.P.R. | 2,157,597.45 | 38.21 | 0.52 | 57.52 | 0.28 | 0.99 | 2.48 |
| Gambela | 52,857.77 | 54.4 | 0.45 | 38.96 | 1.01 | 0.47 | 4.72 |
| Harari | 36,442.44 | 33.44 | 0.65 | 58.95 | 0.22 | 0.06 | 6.68 |
| Addis Abeba | 517.49 | 76.19 | 1.54 | 21.27 | - | - | 1 |
| Dire Dawa | 20,794.87 | 38.98 | 0.74 | 52.35 | 0.55 | 0.02 | 7.36 |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

AVOCADOS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 138,884.83 | 46.64 | 0.45 | 49.99 | 0.19 | 0.04 | 2.69 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | 100 | - | - | - |
| Oromia | 16,226.01 | 47.53 | 0.39 | 48.4 | 0.13 | 0.04 | 3.51 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 46.69 | - | 50.56 | - | - | 2.75 |
| S.N.N.P.R. | 122,486.76 | 46.54 | 0.46 | 50.16 | 0.2 | 0.04 | 2.61 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 76 | - | 24 | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

BANANAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,223,719.99 | 48.05 | 0.51 | 48.99 | 0.11 | 0.32 | 2.02 |
| Tigray | 4,131.02 | 15.82 | 2.1 | 80.92 | 0.52 | - | 0.64 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 4,164.70 | 29.68 | 0.68 | 68.15 | 0.25 | - | 1.24 |
| Oromia | 456,800.99 | 54.19 | 0.44 | 42.19 | 0.09 | 0.43 | 2.66 |
| Somali | 18,335.17 | 9.5 | 1.63 | 85.52 | - | - | 3.35 |
| Benishangul-Gumuz | 23,001.10 | 49.96 | 0.76 | 46.71 | 0.09 | - | 2.49 |
| S.N.N.P.R. | 707,144.04 | 43.48 | 0.54 | 54.2 | 0.12 | 0.24 | 1.41 |
| Gambela | 8,634.52 | 53.77 | 0.19 | 41.55 | - | 0.02 | 4.48 |
| Harari | 212.12 | 74 | - | 22.02 | - | - | 3.98 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 22.39 | - | 77.06 | - | - | 0.54 |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GUAVAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 16,581.81 | 56.9 | 0.39 | 34.79 | 0.25 | 0.37 | 7.31 |
| Tigray | * | 19.85 | 0.5 | 70.7 | - | - | 8.95 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,220.51 | 49.78 | 0.7 | 43.69 | 0.16 | 0.67 | 4.99 |
| Oromia | 7,675.14 | 59.39 | 0.28 | 30.9 | 0.14 | 0.45 | 8.84 |
| Somali | 188.61 | 67.09 | - | 24.56 | 1.53 | - | 6.82 |
| Benishangul-Gumuz | 145.58 | 70.46 | - | 23.6 | - | - | 5.94 |
| S.N.N.P.R. | 3,580.32 | 58.33 | 0.49 | 35.35 | 0.59 | 0.06 | 5.18 |
| Gambela | 74.72 | 74.02 | - | 17.06 | - | - | 8.91 |
| Harari | * | 52.62 | - | 36.67 | - | - | 10.7 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LEMONS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 11,715.70 | 31.35 | 0.72 | 62.47 | 0.19 | 0.03 | 5.24 |
| Tigray | 1,665.73 | 23.63 | 3.99 | 69.35 | - | - | 3.03 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 653.11 | 23.81 | 0.95 | 72.26 | 0.09 | 0.04 | 2.85 |
| Oromia | 2,933.48 | 36.18 | 0.22 | 54.88 | 0.2 | 0.01 | 8.51 |
| Somali | 1,493.22 | 6.11 | - | 93.19 | 0.55 | - | 0.15 |
| Benishangul-Gumuz | 767.47 | 42.25 | 0.03 | 48.07 | 0.06 | - | 9.6 |
| S.N.N.P.R. | 4,044.79 | 36.61 | 0.29 | 58.03 | 0.33 | 0.06 | 4.68 |
| Gambela | 102.68 | 43.53 | - | 43.31 | - | - | 13.15 |
| Harari | * | 16.42 | - | 80.74 | - | - | 2.85 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 7.38 | - | 92.62 | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

MANGOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 198,032.95 | 54.37 | 0.3 | 40.46 | 0.15 | 0.02 | 4.69 |
| Tigray | * | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | 51.38 | - | 48.62 | - | - | - |
| Oromia | 99,662.41 | 58.07 | 0.28 | 36.51 | 0.12 | 0.02 | 5 |
| Somali | * | 30 | 3.56 | 53.98 | 5.97 | 0.48 | 6.01 |
| Benishangul-Gumuz | 43,523.86 | 61.42 | 0.87 | 32.87 | 0.03 | 0.03 | 4.78 |
| S.N.N.P.R. | 44,493.25 | 43.03 | 0.08 | 53.16 | 0.21 | - | 3.52 |
| Gambela | 8,530.84 | 60.37 | 0.34 | 32.55 | 0.21 | - | 6.53 |
| Harari | 222.29 | 20.7 | - | 74.9 | 0.11 | - | 4.29 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ORANGES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 132,504.11 | 46.35 | 0.35 | 49.01 | 0.17 | 0.07 | 4.04 |
| Tigray | 1,918.41 | 20.02 | 4.3 | 73.26 | - | - | 2.43 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 7,923.73 | 23.55 | 0.83 | 73.59 | 0.2 | - | 1.82 |
| Oromia | 59,492.07 | 50.48 | 0.25 | 43.86 | 0.2 | 0.02 | 5.18 |
| Somali | 9,272.39 | 6.48 | 2.88 | 88.97 | - | - | 1.66 |
| Benishangul-Gumuz | 1,189.21 | 56.11 | 1.07 | 35.58 | 0.06 | 0.57 | 6.61 |
| S.N.N.P.R. | 51,855.10 | 50.75 | 0.17 | 45.11 | 0.14 | 0.16 | 3.66 |
| Gambela | 593.10 | 61.15 | 0.99 | 32 | - | - | 5.87 |
| Harari | 43.06 | 82.11 | - | 10.21 | - | - | 7.68 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 17.58 | - | 80 | - | - | 2.42 |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

PAPAYAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 182,959.24 | 71.87 | 0.27 | 24 | 0.12 | 0.1 | 3.63 |
| Tigray | 3,444.37 | 33.81 | 1.91 | 63.13 | - | - | 1.14 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,085.43 | 60.35 | 0.18 | 37.22 | 0.1 | - | 2.14 |
| Oromia | 71,736.51 | 71.63 | 0.34 | 23.73 | 0.05 | 0.04 | 4.21 |
| Somali | * | 53.23 | - | 43.12 | - | 1.05 | 2.6 |
| Benishangul-Gumuz | 10,782.35 | 76.55 | 0.26 | 21.13 | 0.03 | - | 2.04 |
| S.N.N.P.R. | 66,243.15 | 75.5 | 0.22 | 20.4 | 0.21 | 0.18 | 3.48 |
| Gambela | 14,219.07 | 79.44 | 0.01 | 13.66 | 0.05 | - | 6.85 |
| Harari | * | 62.87 | - | 30.98 | - | - | 6.16 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 22.34 | 1.48 | 73.16 | - | - | 3.02 |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

PINEAPPLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 43.4 | 0.03 | 54.08 | - | 0.15 | 2.34 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | - | - | - | - | - | - | - |
| Oromia | 251.78 | 57.61 | 0.12 | 41.57 | - | - | 0.7 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | * | 35.39 | - | 61.36 | - | 0.22 | 3.03 |
| Gambela | 45.19 | 72.92 | - | 24.86 | - | - | 2.22 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE I - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CHAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 796,520.04 | 31.18 | 0.57 | 62.81 | 0.34 | 0.04 | 5.06 |
| Tigray | * | 10.65 | - | 88.67 | - | - | 0.67 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 9,530.77 | 17.21 | 1.37 | 75.7 | 0.09 | 0.02 | 5.61 |
| Oromia | 442,716.21 | 38.61 | 0.58 | 54.33 | 0.39 | 0.06 | 6.01 |
| Somali | 96,309.16 | 27.87 | 0.55 | 64.43 | 0.2 | 0.04 | 6.91 |
| Benishangul-Gumuz | 1,086.25 | 42.4 | 2.51 | 51.7 | - | - | 3.39 |
| S.N.N.P.R. | 204,463.67 | 17.93 | 0.4 | 78.57 | 0.27 | 0.01 | 2.81 |
| Gambela | * | 18.96 | - | 78.25 | - | - | 2.79 |
| Harari | * | 29.76 | 1.18 | 61.2 | 0.37 | - | 7.49 |
| Addis Abeba | 2.07 | 23.2 | - | 76.8 | - | - | - |
| Dire Dawa | * | 49.53 | 0.76 | 39.38 | 0.81 | 0.03 | 9.49 |

TABLE J - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

COFFEE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,571,752.65 | 37.79 | 0.6 | 58.71 | 0.91 | 0.03 | 1.96 |
| Tigray | * | 53.27 | 0.09 | 43.79 | 0.27 | - | 2.57 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 12,612.87 | 61.52 | 0.31 | 36.56 | 0.27 | * | 1.34 |
| Oromia | 1,074,539.84 | 33.45 | 0.75 | 62.25 | 1.56 | 0.03 | 1.96 |
| Somali | 40.73 | 40.4 | - | 59.6 | - | - | - |
| Benishangul-Gumuz | 7,087.31 | 71.64 | 0.99 | 25.83 | 0.36 | - | 1.17 |
| S.N.N.P.R. | 461,957.37 | 37.36 | 0.52 | 59.57 | 0.43 | 0.04 | 2.07 |
| Gambela | 14,020.26 | 16.32 | 1.15 | 76.19 | 5.3 | 0.01 | 1.04 |
| Harari | 151.24 | 24.86 | - | 74.47 | - | - | 0.67 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 237.89 | 9.79 | - | 86.99 | - | - | 3.22 |

TABLE K - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

HOPS / 'GESHO'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 246,505.54 | 56.74 | 0.73 | 38.34 | 0.18 | * | 4.01 |
| Tigray | 49,487.93 | 47.06 | 1.41 | 43.12 | 0.08 | - | 8.33 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 54,171.61 | 66.41 | 0.61 | 29.44 | 0.23 | * | 3.31 |
| Oromia | 114,613.11 | 50.04 | 0.77 | 44.06 | 0.17 | 0.01 | 4.96 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 1,756.38 | 66.76 | 0.76 | 30.97 | 0.09 | - | 1.42 |
| S.N.N.P.R. | 25,608.15 | 24.51 | 0.54 | 70.54 | 0.11 | 0.01 | 4.29 |
| Gambela | 352.94 | 57.57 | 1.03 | 39.2 | - | - | 2.19 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 515.42 | 77.54 | 1.58 | 19.85 | - | - | 1.03 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE L - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SUGARCANE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 783,802.92 | 38.37 | 1.05 | 48.87 | 0.18 | 8.1 | 3.43 |
| Tigray | * | 15 | - | 77.5 | - | - | 7.5 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 6,836.85 | 29.11 | 0.86 | 66.26 | 0.2 | 0.27 | 3.29 |
| Oromia | 304,431.37 | 40.05 | 1.05 | 48.31 | 0.1 | 6.4 | 4.09 |
| Somali | 45.75 | 4.3 | - | 94.27 | - | - | 1.43 |
| Benishangul-Gumuz | 1,706.86 | 44.09 | 1.27 | 53.64 | - | - | 1 |
| S.N.N.P.R. | 463,072.78 | 38.14 | 1.08 | 47.42 | 0.22 | 10.04 | 3.1 |
| Gambela | 5,018.93 | 72.12 | 0.63 | 17.32 | 0.03 | 4.51 | 5.4 |
| Harari | * | 8.04 | - | 86.71 | - | 2.39 | 2.86 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.20 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ETHIOPIA

| Type of Crop | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Grain Crops | 985,159.67 | 61.36 | 12.98 | 22.55 | 0.82 | 0.77 | 1.52 |
| Cereals | 903,478.40 | 62.51 | 13.03 | 21.29 | 0.83 | 0.8 | 1.54 |
| Teff | 123,255.77 | 69.78 | 11.36 | 16 | 0.91 | 0.05 | 1.91 |
| Barley | 73,476.53 | 70.75 | 15.17 | 10.01 | 0.66 | 1.15 | 2.26 |
| Wheat | 227,946.12 | 63.07 | 15.02 | 18.51 | 0.97 | 0.28 | 2.15 |
| Maize | 343,659.45 | 59.1 | 13.44 | 24.56 | 0.77 | 0.93 | 1.21 |
| Sorghum | 110,721.96 | 76.8 | 7.5 | 10.92 | 1.11 | 1.12 | 2.54 |
| Finger millet | 20,115.31 | 77.63 | 8.11 | 8.33 | 1.34 | 0.58 | 4.01 |
| Oats "Aja" | 3,422.59 | 69.66 | 16.47 | 9.25 | 0.41 | 1.98 | 2.22 |
| Rice | 880.67 | 64.37 | 10.97 | 21.09 | 3.57 | - | - |
| Pulses | 48,485.79 | 56.65 | 12.93 | 27.97 | 0.62 | 0.44 | 1.39 |
| Faba/Horse beans | 17,120.42 | 68.92 | 13.66 | 15.29 | 0.61 | 0.1 | 1.41 |
| Field peas | 6,175.01 | 60.84 | 15.29 | 21.3 | 0.88 | 0.03 | 1.65 |
| Haricot beans | 9,077.21 | 47.51 | 8.99 | 41.52 | 0.56 | 0.23 | 1.19 |
| Chick – peas | 6,934.47 | 56.29 | 14.02 | 27.15 | 0.79 | 0.03 | 1.72 |
| Lentils | 1,592.13 | 56.27 | 14.19 | 28.5 | 0.05 | 0.05 | 0.92 |
| Grass peas/Vetch | 6,156.54 | 52.16 | 15.57 | 26.03 | 0.61 | 3.75 | 1.87 |
| Soya beans | * | 11.72 | 38.98 | 48.42 | 0.88 | - | - |
| Fenugreek | 867.56 | 16.87 | 14.86 | 66.44 | 0.16 | 1.41 | 0.27 |
| Gibto | 53.24 | - | - | - | - | - | - |
| Oilseeds | 33,195.48 | 14.47 | 10.69 | 72.93 | 0.88 | 0.03 | 1.01 |
| Neug | 5,939.03 | 16.7 | 8.97 | 72.41 | 1.16 | 0.03 | 0.74 |
| Linseed | 5,253.12 | 14.69 | 12.4 | 71.41 | 0.49 | - | 1.01 |
| Groundnuts | 4,461.73 | 12.19 | 14.23 | 70.95 | 1.09 | 0.02 | 1.53 |
| Safflower | 11.11 | 54.54 | 5.36 | 33.53 | - | - | 6.56 |
| Sesame | 17,425.92 | 7.94 | 8.86 | 81.36 | 0.9 | 0.06 | 0.89 |
| Rapeseed | 104.58 | 48.12 | 8.77 | 40.94 | 0.47 | - | 1.7 |
| Vegetables | 37,529.37 | 39.86 | 2.21 | 53.69 | 1.98 | 0.12 | 2.14 |
| Lettuce | 497.54 | 25.59 | 1.62 | 68.04 | 0.67 | 0.87 | 3.21 |
| Head cabbage | 963.52 | 41.89 | 0.05 | 52 | 0.24 | 2.16 | 3.66 |
| Ethiopian cabbage | 11,590.15 | 77.53 | 1.33 | 12.82 | 5.2 | 0.17 | 2.95 |
| Tomatoes | 12,880.17 | 11.64 | 2.7 | 83.98 | 0.05 | 0.02 | 1.61 |
| Green peppers | * | 71.03 | 2.17 | 23.13 | 0.55 | 0.06 | 3.06 |
| Red peppers | 7,496.41 | 38.69 | 2.84 | 56.55 | 0.84 | * | 1.07 |
| Swiss chard | 927.16 | 32.75 | 3.51 | 57.35 | 0.94 | 0.95 | 4.51 |
| Root Crops | 89,893.46 | 32.47 | 4.26 | 57.61 | 3.16 | 1.02 | 1.48 |
| Beetroot | * | 54.6 | 0.66 | 42 | - | 0.36 | 2.38 |
| Carrot | 4,133.54 | 31.7 | 1.27 | 63.17 | 0.27 | 0.56 | 3.03 |
| Onion | 22,412.72 | 10.68 | 1.35 | 84.99 | 2.51 | 0.02 | 0.45 |
| Potatoes | 28,582.41 | 59.56 | 11.8 | 25.9 | 0.46 | 0.13 | 2.15 |
| Garlic | * | 59.63 | 9.59 | 29.06 | 0.08 | - | 1.63 |
| Taro / 'Godere' | 13,826.64 | 71.94 | 16.67 | 8.46 | 0.59 | 0.29 | 2.05 |
| Sweet potatoes | 17,536.75 | 66.03 | 1.18 | 11.69 | 10.35 | 6.33 | 4.42 |
| Permanent crops | 455,050.86 | 50.27 | 0.52 | 44.95 | 0.77 | 0.3 | 3.2 |
| Avocados | 8,275.24 | 52.5 | 0.43 | 43.65 | 0.17 | 0.1 | 3.15 |
| Bananas | 21,895.62 | 55.91 | 0.3 | 41.08 | 0.11 | 0.08 | 2.53 |
| Guavas | 2,817.95 | 55.39 | - | 38.06 | 0.62 | 0.2 | 5.73 |
| Lemons | 305.69 | 46.61 | 1.92 | 41.79 | 0.64 | - | 9.04 |
| Mangoes | 14,715.42 | 62.64 | 0.18 | 32.27 | 0.16 | - | 4.75 |
| Oranges | 22,120.61 | 60.31 | 0.09 | 34.4 | 0.31 | 0.04 | 4.85 |
| Papayas | 63,930.86 | 71.95 | 0.17 | 23.91 | 0.17 | 0.05 | 3.75 |
| Pineapples | * | 60.28 | - | 34.15 | 0.31 | - | 5.26 |
| Chat | 12,977.05 | 29.08 | 0.43 | 65.2 | 0.65 | 0.04 | 4.6 |
| Coffee | 94,038.22 | 45.92 | 0.48 | 50.08 | 1.24 | 0.03 | 2.24 |
| Hops (Gesho) | 6,878.08 | 53.06 | 0.97 | 42.14 | 0.08 | 0.05 | 3.7 |
| Sugar cane | 206,987.10 | 34.23 | 1.34 | 57.15 | 0.46 | 3.11 | 3.72 |

TABLE 5.21 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GRAIN CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 985,159.67 | 61.36 | 12.98 | 22.55 | 0.82 | 0.77 | 1.52 |
| Tigray | 54,787.10 | 72.62 | 9.85 | 12.32 | 0.72 | 0.31 | 4.17 |
| Afar | 923.10 | 53.16 | 15.61 | 28.95 | 0.72 | 0.79 | 0.77 |
| Amhara | 122,598.10 | 78.8 | 11.02 | 3.5 | 2.85 | - | 3.82 |
| Oromia | 624,917.90 | 67.68 | 11.08 | 17.55 | 1.01 | 0.7 | 1.97 |
| Somali | 14,338.60 | 73.63 | 9.27 | 12.85 | 0.65 | 1.28 | 2.32 |
| Benishangul-Gumuz | 45,836.85 | 56.53 | 10.15 | 29.68 | 1.3 | 1.11 | 1.23 |
| S.N.N.P.R. | 96,693.08 | 71.23 | 9.28 | 15.55 | 0.66 | 0.89 | 2.38 |
| Gambela | 5,062.92 | 73.23 | 9.07 | 12.28 | 0.73 | 1.79 | 2.92 |
| Harari | 2,877.13 | 70.42 | 9.99 | 12.68 | 1.58 | 1.14 | 4.19 |
| Addis Abeba | 15,777.83 | 69.82 | 17.83 | 11 | 0.37 | 0.41 | 0.57 |
| Dire Dawa | 1,347.06 | 88.85 | 4.97 | 1.74 | 0.14 | 0.83 | 3.47 |

TABLE 5.21.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

CEREALS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 903,478.40 | 62.51 | 13.03 | 21.29 | 0.83 | 0.8 | 1.54 |
| Tigray | 46,123.45 | 76.13 | 9.75 | 8.74 | 0.76 | 0.35 | 4.27 |
| Afar | 923.10 | 53.16 | 15.61 | 28.95 | 0.72 | 0.79 | 0.77 |
| Amhara | 102,424.06 | 79.09 | 8.35 | 3.39 | 3.92 | - | 5.25 |
| Oromia | 591,877.04 | 71.72 | 10.78 | 13.55 | 1.06 | 0.76 | 2.13 |
| Somali | 14,093.95 | 74.2 | 9.04 | 12.63 | 0.64 | 1.13 | 2.36 |
| Benishangul-Gumuz | 32,954.69 | 74.9 | 8.71 | 11.87 | 1.42 | 1.55 | 1.55 |
| S.N.N.P.R. | 92,763.99 | 71.49 | 9.23 | 15.15 | 0.68 | 1 | 2.46 |
| Gambela | 4,729.30 | 78.55 | 9.23 | 6.27 | 0.85 | 2.08 | 3.01 |
| Harari | 2,359.68 | 78.01 | 9.58 | 5.12 | 1.61 | 1.34 | 4.34 |
| Addis Abeba | 13,882.09 | 73.5 | 17.51 | 8.1 | 0.34 | 0.05 | 0.5 |
| Dire Dawa | 1,347.06 | 88.85 | 4.97 | 1.74 | 0.14 | 0.83 | 3.47 |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

TEFF

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 123,255.77 | 69.78 | 11.36 | 16 | 0.91 | 0.05 | 1.91 |
| Tigray | 13,179.44 | 78.3 | 9.39 | 7.75 | 0.6 | 0.02 | 3.94 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 25,290.97 | 79.74 | 1.47 | 9.94 | 6.08 | - | 2.76 |
| Oromia | 69,293.94 | 72.04 | 11.39 | 14 | 1.12 | 0.06 | 1.41 |
| Somali | * | 46.67 | 20 | 33.33 | - | - | - |
| Benishangul-Gumuz | 1,299.55 | 77.79 | 10.08 | 9.07 | 0.36 | - | 2.7 |
| S.N.N.P.R. | 9,300.29 | 56.35 | 11.51 | 28.86 | 0.56 | 0.07 | 2.66 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 4,841.61 | 75.01 | 16.05 | 8.23 | 0.27 | - | 0.45 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

BARLEY

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 73,476.53 | 70.75 | 15.17 | 10.01 | 0.66 | 1.15 | 2.26 |
| Tigray | 7,404.69 | 68.45 | 14.52 | 9.62 | 0.9 | 0.47 | 6.05 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 8,831.23 | 87.21 | 4.42 | 0.7 | 7.67 | - | - |
| Oromia | 51,122.78 | 70.6 | 15.78 | 9.55 | 0.65 | 1.39 | 2.04 |
| Somali | 467.72 | 68.91 | 9.45 | 15.81 | 0.72 | 3.59 | 1.52 |
| Benishangul-Gumuz | * | 96 | 4 | - | - | - | - |
| S.N.N.P.R. | 3,195.99 | 72.09 | 13.06 | 11.93 | 0.66 | 0.68 | 1.57 |
| Gambela | 0.16 | 80 | 5 | 15 | - | - | - |
| Harari | 4.79 | 80.89 | 14.31 | - | - | - | 4.81 |
| Addis Abeba | 2,291.57 | 71.99 | 22.26 | 4.86 | 0.12 | 0.23 | 0.54 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

WHEAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 227,946.12 | 63.07 | 15.02 | 18.51 | 0.97 | 0.28 | 2.15 |
| Tigray | 5,386.80 | 71.4 | 14.09 | 8.3 | 0.58 | 0.29 | 5.33 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 13,098.42 | 61.74 | 27.33 | - | - | - | 10.93 |
| Oromia | 178,092.49 | 61.92 | 15.5 | 19.19 | 1.09 | 0.3 | 2.01 |
| Somali | 1,438.66 | 66.56 | 14.23 | 16.05 | 1.65 | 0.16 | 1.34 |
| Benishangul-Gumuz | * | 94.05 | 5.95 | - | - | - | - |
| S.N.N.P.R. | 23,243.49 | 63.21 | 13.35 | 20.33 | 0.74 | 0.26 | 2.11 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 83.31 | 6.7 | 3.92 | 2.65 | 1.56 | 1.85 |
| Addis Abeba | 6,494.73 | 69.84 | 18.51 | 10.39 | 0.59 | 0.02 | 0.66 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

MAIZE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 343,659.45 | 59.1 | 13.44 | 24.56 | 0.77 | 0.93 | 1.21 |
| Tigray | 3,195.35 | 84.47 | 5.34 | 6.59 | 0.54 | 0.67 | 2.4 |
| Afar | 923.10 | 53.16 | 15.61 | 28.95 | 0.72 | 0.79 | 0.77 |
| Amhara | 24,380.39 | 82.5 | 2.5 | - | - | - | 15 |
| Oromia | 244,133.24 | 76.24 | 6.76 | 12.24 | 1.13 | 1.16 | 2.47 |
| Somali | 6,317.97 | 75.81 | 8.28 | 11.85 | 0.49 | 1.26 | 2.3 |
| Benishangul-Gumuz | 7,850.08 | 76.52 | 8.67 | 9.98 | 1.01 | 3.1 | 0.71 |
| S.N.N.P.R. | 52,594.41 | 78.8 | 6.39 | 9.86 | 0.61 | 1.55 | 2.78 |
| Gambela | 3,155.17 | 77.97 | 9.88 | 6.15 | 0.6 | 2.22 | 3.18 |
| Harari | 854.69 | 76.48 | 9.09 | 6.44 | 1.43 | 1.53 | 5.04 |
| Addis Abeba | 144.23 | 89.84 | 10.16 | - | - | - | - |
| Dire Dawa | 110.81 | 65.41 | 5.81 | 15.03 | - | 9.71 | 4.04 |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SORGHUM

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 110,721.96 | 76.8 | 7.5 | 10.92 | 1.11 | 1.12 | 2.54 |
| Tigray | 14,085.36 | 78.33 | 7.09 | 10.17 | 1.04 | 0.73 | 2.63 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 25,738.26 | 100 | - | - | - | - | - |
| Oromia | 43,055.62 | 76.7 | 7.36 | 10.95 | 1.13 | 1.05 | 2.81 |
| Somali | 5,790.15 | 75.39 | 8.37 | 12.06 | 0.58 | 0.7 | 2.9 |
| Benishangul-Gumuz | 13,867.70 | 69.85 | 7.91 | 18.93 | 1.37 | 1.54 | 0.4 |
| S.N.N.P.R. | 4,022.13 | 77.26 | 7.72 | 10.07 | 1.22 | 1.68 | 2.05 |
| Gambela | 1,482.56 | 79.96 | 7.59 | 6.6 | 1.49 | 1.75 | 2.62 |
| Harari | 1,349.44 | 79.01 | 10.22 | 4 | 1.75 | 1.18 | 3.84 |
| Addis Abeba | * | 71.18 | 13.25 | 15.57 | - | - | - |
| Dire Dawa | 1,232.32 | 90.59 | 4.91 | 0.76 | 0.15 | 0.17 | 3.43 |

TABLE F- CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

FINGER MILLET

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 20,115.31 | 77.63 | 8.11 | 8.33 | 1.34 | 0.58 | 4.01 |
| Tigray | 2,846.95 | 71.88 | 8.74 | 11.03 | 1.02 | 0.16 | 7.17 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 3,974.12 | - | - | - | - | - | - |
| Oromia | 3,399.60 | 80.75 | 7.1 | 7.35 | 1.09 | 1.18 | 2.53 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 9,400.11 | 78.15 | 9.23 | 6.31 | 2.32 | 0.16 | 3.84 |
| S.N.N.P.R. | 402.95 | 78.82 | 7.22 | 12.53 | - | 0.2 | 1.22 |
| Gambela | * | 90 | 10 | - | - | - | - |
| Harari | * | 95 | 5 | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

OATS / 'AJA'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,422.59 | 69.66 | 16.47 | 9.25 | 0.41 | 1.98 | 2.22 |
| Tigray | 24.85 | 47.03 | 19.47 | 6.21 | - | - | 27.29 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 633.08 | - | - | - | - | - | - |
| Oromia | 2,721.49 | 69.9 | 16.42 | 9.18 | 0.44 | 2.11 | 1.96 |
| Somali | 29.51 | 80.54 | 16.52 | 2.95 | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 2.15 | 58.58 | 23.13 | 18.29 | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 45 | 5 | 50 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

RICE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 880.67 | 64.37 | 10.97 | 21.09 | 3.57 | - | - |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 477.59 | - | - | - | - | - | - |
| Oromia | * | - | - | 100 | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 338.30 | 73.32 | 12.49 | 10.12 | 4.06 | - | - |
| S.N.N.P.R. | * | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.21.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

PULSES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 48,485.79 | 56.65 | 12.93 | 27.97 | 0.62 | 0.44 | 1.39 |
| Tigray | 3,236.26 | 64.44 | 11.03 | 20.43 | 0.27 | 0.08 | 3.76 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 15,003.38 | 69.22 | 25.44 | 5.33 | - | - | - |
| Oromia | 23,226.67 | 50.57 | 13.84 | 33.38 | 0.69 | 0.48 | 1.03 |
| Somali | 220.65 | 62.34 | 12.86 | 17.78 | 0.83 | 4.68 | 1.51 |
| Benishangul-Gumuz | 964.09 | 48.97 | 22.99 | 27.06 | 0.69 | - | 0.29 |
| S.N.N.P.R. | 3,917.81 | 69.43 | 9.64 | 18.46 | 0.57 | 0.1 | 1.8 |
| Gambela | * | 77.21 | 8.71 | 9.68 | - | - | 4.4 |
| Harari | * | 96.8 | 0.93 | 1.56 | - | - | 0.71 |
| Addis Abeba | 1,887.15 | 57.29 | 18.47 | 21.25 | 0.48 | 1.67 | 0.83 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

FABA/HORSE BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 17,120.42 | 68.92 | 13.66 | 15.29 | 0.61 | 0.1 | 1.41 |
| Tigray | 1,433.22 | 74.43 | 11.08 | 12.58 | 0.02 | 0.05 | 1.84 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 6,959.21 | - | - | - | - | - | - |
| Oromia | 6,877.59 | 66.94 | 15.24 | 15.7 | 0.74 | 0.13 | 1.25 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 80.31 | 6.56 | 13.13 | - | - | - |
| S.N.N.P.R. | 1,665.87 | 70.93 | 10.78 | 15.94 | 0.58 | 0.06 | 1.71 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | - | - | - | - | - | - |
| Addis Abeba | 172.68 | 73.06 | 20.59 | 5.97 | - | - | 0.38 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

FIELD PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 6,175.01 | 60.84 | 15.29 | 21.3 | 0.88 | 0.03 | 1.65 |
| Tigray | 425.81 | 73.94 | 8.55 | 13.7 | 0.28 | - | 3.54 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 1,539.69 | 50 | 50 | - | - | - | - |
| Oromia | 3,087.17 | 60.19 | 15.75 | 21.48 | 1.01 | 0.05 | 1.51 |
| Somali | 5.15 | 54.57 | 16.79 | 26.92 | - | - | 1.72 |
| Benishangul-Gumuz | 81.63 | 55.94 | 24.58 | 15.11 | - | - | 4.38 |
| S.N.N.P.R. | 824.07 | 59.63 | 14.04 | 23.81 | 0.84 | - | 1.67 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 97.27 | 2.73 | - | - | - | - |
| Addis Abeba | 207.50 | 70.78 | 24.08 | 3.7 | - | - | 1.45 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

HARICOT BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 9,077.21 | 47.51 | 8.99 | 41.52 | 0.56 | 0.23 | 1.19 |
| Tigray | * | 55 | 5 | 40 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 43.20 | - | - | - | - | - | - |
| Oromia | 7,319.32 | 31.68 | 10.05 | 56.81 | 0.58 | 0.08 | 0.79 |
| Somali | 155.12 | 67.94 | 9.47 | 12.08 | 1.36 | 7.68 | 1.48 |
| Benishangul-Gumuz | 319.48 | 78.34 | 7.71 | 13.24 | 0.72 | - | - |
| S.N.N.P.R. | 1,204.70 | 74.08 | 7.15 | 16.09 | 0.46 | 0.2 | 2.01 |
| Gambela | * | 77.21 | 8.71 | 9.68 | - | - | 4.4 |
| Harari | * | 96.55 | - | 2.37 | - | - | 1.08 |
| Addis Abeba | * | - | - | 100 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

CHICK PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 6,934.47 | 56.29 | 14.02 | 27.15 | 0.79 | 0.03 | 1.72 |
| Tigray | 361.25 | 65.56 | 10.79 | 16.84 | 1.12 | - | 5.68 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,626.28 | 100 | - | - | - | - | - |
| Oromia | 2,575.77 | 55.84 | 15.51 | 26.88 | 0.66 | 0.05 | 1.06 |
| Somali | * | 53.08 | 18.87 | 26.57 | - | - | 1.48 |
| Benishangul-Gumuz | 76.34 | 88.05 | 8.91 | 3.03 | - | - | - |
| S.N.N.P.R. | 201.33 | 53.49 | 3.96 | 40.65 | 0.39 | - | 1.5 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 1,033.12 | 49.98 | 17.59 | 29.4 | 1.53 | - | 1.5 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

LENTILS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,592.13 | 56.27 | 14.19 | 28.5 | 0.05 | 0.05 | 0.92 |
| Tigray | 129.48 | 56.86 | 11.19 | 28.93 | - | - | 3.02 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 1,055.37 | - | - | - | - | - | - |
| Oromia | 372.58 | 56.23 | 15.56 | 27.85 | 0.07 | 0.07 | 0.22 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 7.52 | 48.42 | 3.87 | 47.71 | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 58.62 | 10.04 | 27.58 | - | - | 3.75 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 6,156.54 | 52.16 | 15.57 | 26.03 | 0.61 | 3.75 | 1.87 |
| Tigray | 766.20 | 59.14 | 12.37 | 21.16 | 0.09 | 0.3 | 6.95 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,416.98 | 75 | 5 | 20 | - | - | - |
| Oromia | 2,545.71 | 48.58 | 15.93 | 28.84 | 0.93 | 4.69 | 1.02 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 14.32 | 88.75 | 2.1 | 9.15 | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 413.34 | 56.14 | 17.66 | 21.99 | 0.08 | 3.93 | 0.2 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SOYA BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 11.72 | 38.98 | 48.42 | 0.88 | - | - |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | * | - | - | 100 | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 12.15 | 40.41 | 46.53 | 0.91 | - | - |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

FENUGREEK

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 867.56 | 16.87 | 14.86 | 66.44 | 0.16 | 1.41 | 0.27 |
| Tigray | 116.49 | 15.22 | 10.3 | 73.75 | 0.27 | - | 0.46 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 309.36 | - | - | - | - | - | - |
| Oromia | 414.22 | 15.46 | 15.28 | 67.75 | 0.16 | 1.09 | 0.26 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 32.08 | 17.59 | 43.92 | - | 6.41 | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.21.3 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

OILSEEDS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 33,195.48 | 14.47 | 10.69 | 72.93 | 0.88 | 0.03 | 1.01 |
| Tigray | 5,427.39 | 18 | 9.22 | 68.8 | 0.9 | 0.03 | 3.05 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 5,170.67 | 100 | - | - | - | - | - |
| Oromia | 9,814.20 | 15.14 | 10.3 | 73.03 | 0.82 | - | 0.72 |
| Somali | * | 57.68 | 31.94 | 10.38 | - | - | - |
| Benishangul-Gumuz | 11,918.07 | 6.08 | 11.64 | 80.59 | 1.09 | 0.08 | 0.52 |
| S.N.N.P.R. | 11.27 | 46.51 | 13.56 | 37.35 | - | - | 2.59 |
| Gambela | 310.61 | 39.29 | 8.03 | 50.45 | - | - | 2.24 |
| Harari | 510.69 | 22.95 | 13.59 | 57.97 | 1.66 | 0.09 | 3.74 |
| Addis Abeba | * | 28.74 | 71.26 | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

NEUG

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 5,939.03 | 16.7 | 8.97 | 72.41 | 1.16 | 0.03 | 0.74 |
| Tigray | 91.49 | 27.27 | 4.96 | 65.94 | 1.46 | - | 0.37 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 824.71 | - | - | - | - | - | - |
| Oromia | 3,333.68 | 18.66 | 8.26 | 70.91 | 1.28 | - | 0.88 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 1,681.04 | 10.17 | 10.26 | 78.22 | 0.82 | 0.13 | 0.41 |
| S.N.N.P.R. | * | 34.11 | 14.62 | 51.27 | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | - | 100 | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

LINSEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 5,253.12 | 14.69 | 12.4 | 71.41 | 0.49 | - | 1.01 |
| Tigray | 195.16 | 36.43 | 12.92 | 42.95 | - | - | 7.7 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 213.39 | 100 | - | - | - | - | - |
| Oromia | 4,823.13 | 10.43 | 12.45 | 76.18 | 0.56 | - | 0.38 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 23.13 | 50.73 | 26.14 | - | - | - |
| S.N.N.P.R. | 7.31 | 46.27 | 12.93 | 37.53 | - | - | 3.27 |
| Gambela | * | 86.67 | 3.33 | 8.33 | - | - | 1.67 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GROUNDNUTS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 4,461.73 | 12.19 | 14.23 | 70.95 | 1.09 | 0.02 | 1.53 |
| Tigray | * | 16.41 | 6.56 | 67.19 | - | - | 9.84 |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 540.42 | 9.9 | 18.15 | 70.87 | 0.14 | - | 0.94 |
| Somali | 6.20 | 70 | 15 | 15 | - | - | - |
| Benishangul-Gumuz | 3,088.71 | 3.58 | 13.92 | 79.45 | 1.83 | - | 1.22 |
| S.N.N.P.R. | * | 15 | - | 85 | - | - | - |
| Gambela | * | 27.46 | 9.04 | 63.1 | - | - | 0.4 |
| Harari | * | 22.95 | 13.59 | 57.97 | 1.66 | 0.09 | 3.74 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SAFFLOWER

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 11.11 | 54.54 | 5.36 | 33.53 | - | - | 6.56 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 3.17 | - | - | - | - | - | - |
| Oromia | * | 62.93 | 6.19 | 23.31 | - | - | 7.57 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | - | - | 100 | - | - | - |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SESAME

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 17,425.92 | 7.94 | 8.86 | 81.36 | 0.9 | 0.06 | 0.89 |
| Tigray | 5,126.87 | 9.7 | 8.73 | 78.68 | 1.15 | 0.05 | 1.69 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 4,096.76 | - | - | - | - | - | - |
| Oromia | 1,032.62 | 9.04 | 4.55 | 85.06 | 0.82 | - | 0.53 |
| Somali | * | 30 | 70 | - | - | - | - |
| Benishangul-Gumuz | 7,141.17 | 4.19 | 11.16 | 83.52 | 0.86 | 0.1 | 0.16 |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | 10.70 | 40.74 | 8.4 | 42.21 | - | - | 8.65 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

RAPESEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 104.58 | 48.12 | 8.77 | 40.94 | 0.47 | - | 1.7 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 28.10 | - | - | - | - | - | - |
| Oromia | 76.47 | 47.27 | 8.25 | 42.24 | 0.49 | - | 1.75 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.22 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

VEGETABLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 37,529.37 | 39.86 | 2.21 | 53.69 | 1.98 | 0.12 | 2.14 |
| Tigray | 282.49 | 59.35 | 0.28 | 33.82 | 0.66 | 0.47 | 5.43 |
| Afar | 1,551.72 | 10 | 2.86 | 81.79 | 3.57 | - | 1.79 |
| Amhara | 1,322.78 | 49.54 | - | 38.73 | - | - | 11.74 |
| Oromia | 14,499.69 | 62.95 | 1.66 | 32.13 | 0.68 | 0.15 | 2.43 |
| Somali | 343.06 | 45.96 | 0.68 | 52.01 | 0.34 | - | 1.01 |
| Benishangul-Gumuz | 484.85 | 55.05 | 8.05 | 36.19 | 0.71 | - | - |
| S.N.N.P.R. | 13,990.91 | 77.96 | 0.94 | 18.13 | 0.31 | 0.16 | 2.49 |
| Gambela | 80.88 | 78.52 | 9.97 | 9.2 | 0.61 | - | 1.7 |
| Harari | * | 32.45 | 0.88 | 62.86 | - | - | 3.81 |
| Addis Abeba | 4,405.36 | 26.22 | 3.97 | 64.9 | 1.14 | 0.92 | 2.85 |
| Dire Dawa | 34.14 | 15 | 2.5 | 77.5 | 5 | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

LETTUCE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 497.54 | 25.59 | 1.62 | 68.04 | 0.67 | 0.87 | 3.21 |
| Tigray | * | 53.92 | 0.17 | 43.05 | - | 0.84 | 2.03 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 20.90 | - | - | - | - | - | - |
| Oromia | * | 36.03 | - | 56.29 | - | - | 7.69 |
| Somali | * | 41.22 | - | 58.78 | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 23.18 | - | 74.3 | - | - | 2.51 |
| Addis Abeba | 334.10 | 20.46 | 2.26 | 72.49 | 0.95 | 1.14 | 2.71 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

HEAD CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 963.52 | 41.89 | 0.05 | 52 | 0.24 | 2.16 | 3.66 |
| Tigray | 4.19 | 24.83 | - | 75.17 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 11.18 | 50.12 | 0.08 | 44.2 | 0.15 | 1.47 | 3.97 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | * | 49.87 | - | 38.96 | 0.79 | 6.97 | 3.4 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 11.47 | - | 84.98 | - | - | 3.56 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 11,590.15 | 77.53 | 1.33 | 12.82 | 5.2 | 0.17 | 2.95 |
| Tigray | 0.02 | 85 | - | - | - | - | 15 |
| Afar | 0.03 | 20 | 5 | 20 | 50 | - | 5 |
| Amhara | 67.57 | - | - | - | - | - | - |
| Oromia | 2,349.36 | 83.35 | 0.42 | 13.37 | 0.18 | 0.09 | 2.59 |
| Somali | * | - | - | 100 | - | - | - |
| Benishangul-Gumuz | * | 100 | - | - | - | - | - |
| S.N.N.P.R. | 5,741.16 | 88.49 | 0.76 | 7.49 | 0.29 | 0.16 | 2.8 |
| Gambela | * | 52.5 | - | 40 | 5 | - | 2.5 |
| Harari | * | 39.89 | 1.57 | 55.41 | - | - | 3.13 |
| Addis Abeba | 3,012.60 | 33.37 | 4.64 | 57.5 | 1.38 | 0.82 | 2.29 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

TOMATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 12,880.17 | 11.64 | 2.7 | 83.98 | 0.05 | 0.02 | 1.61 |
| Tigray | * | 36.6 | - | 61.53 | - | - | 1.86 |
| Afar | 1,551.69 | 9.23 | 2.69 | 86.54 | - | - | 1.54 |
| Amhara | 533.00 | - | - | - | - | - | - |
| Oromia | 9,835.73 | 38.01 | 4.16 | 53.39 | 1.21 | 0.51 | 2.73 |
| Somali | 340.14 | 51.83 | 0.85 | 45.61 | 0.43 | - | 1.28 |
| Benishangul-Gumuz | * | 46.88 | - | 53.12 | - | - | - |
| S.N.N.P.R. | 319.99 | 87.43 | 0.31 | 7.85 | 0.08 | - | 4.33 |
| Gambela | * | 87.21 | 3.99 | 6.63 | - | - | 2.17 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | - | - | - | - | - | - |
| Dire Dawa | 34.14 | 15 | 2.5 | 77.5 | 5 | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GREEN PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 71.03 | 2.17 | 23.13 | 0.55 | 0.06 | 3.06 |
| Tigray | * | 84.41 | - | 7.24 | - | - | 8.35 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 4.28 | 75 | - | - | - | - | 25 |
| Oromia | 24.78 | 73.5 | 0.16 | 23.15 | 0.11 | 0.1 | 2.99 |
| Somali | * | 17.87 | - | 82.13 | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | * | 73.32 | 6.41 | 15.29 | 1.94 | - | 3.04 |
| Gambela | 3.74 | 26.69 | 50.55 | 19.39 | 2.53 | - | 0.84 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 42.11 | 0.78 | 57.11 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

RED PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 7,496.41 | 38.69 | 2.84 | 56.55 | 0.84 | * | 1.07 |
| Tigray | 3.70 | 70.49 | 1.76 | 23.07 | 4.69 | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 227.16 | 27 | - | 73 | - | - | - |
| Oromia | 2,202.33 | 46.94 | 2.87 | 47.21 | 1.23 | 0.01 | 1.73 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 54.93 | 8.42 | 35.91 | 0.74 | - | - |
| S.N.N.P.R. | 4,636.61 | 23.26 | 1.45 | 74.48 | 0.3 | - | 0.51 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SWISS CHARD

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 927.16 | 32.75 | 3.51 | 57.35 | 0.94 | 0.95 | 4.51 |
| Tigray | 58.88 | 59.38 | - | 29.35 | - | 0.92 | 10.35 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 9.12 | - | - | - | - | - | - |
| Oromia | 43.86 | 59.53 | - | 33.43 | 1.41 | 1.22 | 4.4 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | * | 95.5 | - | - | - | - | 4.5 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 23.04 | - | 69.13 | - | - | 7.83 |
| Addis Abeba | 709.17 | 21.21 | 4.73 | 68.14 | 1.13 | 1.06 | 3.74 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.23 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ROOT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 89,893.46 | 32.47 | 4.26 | 57.61 | 3.16 | 1.02 | 1.48 |
| Tigray | 286.20 | 21.02 | 5.07 | 70.95 | - | - | 2.96 |
| Afar | 714.86 | 8.9 | 1.05 | 84.03 | 5.24 | - | 0.79 |
| Amhara | 8,779.27 | - | - | - | - | - | - |
| Oromia | 35,593.44 | 50.86 | 6.6 | 39.48 | 0.42 | 0.34 | 2.31 |
| Somali | 645.86 | 39.75 | 5.22 | 54.19 | - | - | 0.84 |
| Benishangul-Gumuz | 1,243.35 | 68.83 | 21.64 | 9.45 | - | - | 0.09 |
| S.N.N.P.R. | 36,432.30 | 72.14 | 9.63 | 11.54 | 0.63 | 3.7 | 2.37 |
| Gambela | 35.56 | 95.37 | 2.25 | 1.88 | 0.25 | - | 0.25 |
| Harari | 61.97 | 79.02 | 1.26 | 17.3 | - | 0.4 | 2.02 |
| Addis Abeba | 6,082.56 | 29.59 | 4.08 | 63.17 | - | 0.1 | 3.06 |
| Dire Dawa | * | 5 | - | 95 | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

BEETROOT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 54.6 | 0.66 | 42 | - | 0.36 | 2.38 |
| Tigray | * | 68.06 | - | 19.05 | - | - | 12.88 |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 147.50 | 59.93 | - | 36.57 | - | 0.35 | 3.15 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 44.55 | 67.25 | - | 31.74 | - | 0.25 | 0.75 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 30 | - | 70 | - | - | - |
| Addis Abeba | * | 17.29 | 3.81 | 77.37 | - | 0.64 | 0.89 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

CARROT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 4,133.54 | 31.7 | 1.27 | 63.17 | 0.27 | 0.56 | 3.03 |
| Tigray | 10.01 | 12.6 | - | 84.3 | - | - | 3.1 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 28.93 | - | - | - | - | - | - |
| Oromia | * | 45.41 | 0.15 | 51.48 | - | 0.26 | 2.7 |
| Somali | * | 47.5 | - | 52.5 | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 46.47 | 63.89 | 0.69 | 28.9 | 1.76 | 2.66 | 2.09 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 3,504.69 | 14.22 | 2.13 | 79.93 | - | 0.15 | 3.56 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ONION

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 22,412.72 | 10.68 | 1.35 | 84.99 | 2.51 | 0.02 | 0.45 |
| Tigray | 214.25 | 16.35 | 5.54 | 75.21 | - | - | 2.9 |
| Afar | 714.81 | 8.29 | 0.83 | 87.85 | 2.76 | - | 0.28 |
| Amhara | 1,261.19 | - | - | - | - | - | - |
| Oromia | 17,971.77 | 26.32 | 6.68 | 64.73 | 0.46 | 0.21 | 1.6 |
| Somali | 386.68 | 38.65 | 2.32 | 57.65 | - | - | 1.37 |
| Benishangul-Gumuz | * | 75 | - | 25 | - | - | - |
| S.N.N.P.R. | 733.68 | 55.38 | 4.15 | 38.5 | 0.08 | - | 1.89 |
| Gambela | 1.84 | 93.36 | - | 5.08 | 0.78 | - | 0.78 |
| Harari | * | - | - | - | - | - | - |
| Addis Abeba | * | 30.61 | 1.32 | 59.66 | - | - | 8.41 |
| Dire Dawa | * | 5 | - | 95 | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 28,582.41 | 59.56 | 11.8 | 25.9 | 0.46 | 0.13 | 2.15 |
| Tigray | 39.86 | 20.4 | - | 79.6 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 5,729.02 | - | - | - | - | - | - |
| Oromia | 13,976.35 | 55.84 | 8.37 | 32.22 | 0.61 | 0.12 | 2.84 |
| Somali | 38.83 | 35.37 | 29.33 | 35.3 | - | - | - |
| Benishangul-Gumuz | 1,171.33 | 64.91 | 30.53 | 4.41 | - | - | 0.14 |
| S.N.N.P.R. | 7,004.82 | 66.15 | 16.13 | 15.67 | 0.36 | 0.18 | 1.52 |
| Gambela | * | 98.9 | - | 1.1 | - | - | - |
| Harari | * | 30 | 20 | 50 | - | - | - |
| Addis Abeba | 576.89 | 42.94 | 3.03 | 52.27 | - | - | 1.76 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GARLIC

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 59.63 | 9.59 | 29.06 | 0.08 | - | 1.63 |
| Tigray | * | 10.97 | 20.33 | 68.69 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 483.74 | 60.66 | 9.86 | 27.58 | 0.13 | - | 1.77 |
| Somali | * | 10 | - | 90 | - | - | - |
| Benishangul-Gumuz | * | 81.94 | 13.76 | 4.3 | - | - | - |
| S.N.N.P.R. | 20.11 | 68.58 | 1.42 | 27.15 | - | - | 2.85 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 51.58 | 11.31 | 35.96 | - | - | 1.15 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

TARO / 'GODERE'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 13,826.64 | 71.94 | 16.67 | 8.46 | 0.59 | 0.29 | 2.05 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 1,599.20 | 83.06 | 6.34 | 8.22 | 0.38 | 0.02 | 1.98 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 12,218.45 | 69.86 | 18.56 | 8.53 | 0.63 | 0.34 | 2.07 |
| Gambela | * | 93.23 | 6.77 | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SWEET POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 17,536.75 | 66.03 | 1.18 | 11.69 | 10.35 | 6.33 | 4.42 |
| Tigray | - | - | - | - | - | - | - |
| Afar | 0.05 | 20 | 5 | 15 | 50 | - | 10 |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 875.61 | 67.98 | 0.7 | 25.08 | 0.09 | 2.68 | 3.47 |
| Somali | 77.35 | 61.7 | - | 38.3 | - | - | - |
| Benishangul-Gumuz | * | 47.87 | 0.79 | 51.34 | - | - | - |
| S.N.N.P.R. | 16,364.22 | 78.25 | 0.2 | 9.24 | 0.77 | 8.5 | 3.03 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | * | 86.86 | - | 10.32 | - | 0.47 | 2.35 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.24 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

PERMANENT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 455,050.86 | 50.27 | 0.52 | 44.95 | 0.77 | 0.3 | 3.2 |
| Tigray | 207.95 | 59.51 | 2.61 | 36.32 | 0.02 | - | 1.53 |
| Amhara | 4,920.12 | 35.48 | - | 62.41 | - | - | 2.1 |
| Oromia | 407,550.97 | 49.92 | 0.46 | 45.11 | 0.91 | 0.13 | 3.47 |
| Somali | 577.28 | 25.13 | 4.24 | 65.8 | - | - | 4.83 |
| Benishangul-Gumuz | 1,019.80 | 74.1 | 0.28 | 22.28 | 0.01 | 0.1 | 3.23 |
| S.N.N.P.R. | 35,983.11 | 50.28 | 0.59 | 45.41 | 0.5 | 0.6 | 2.63 |
| Gambela | 3,548.27 | 35.22 | 0.26 | 53.68 | 4.26 | 0.29 | 6.29 |
| Harari | 903.05 | 34.31 | - | 57.86 | 1.61 | 0.37 | 5.85 |
| Addis Abeba | 57.64 | 67.25 | 1.18 | 24.6 | - | - | 6.97 |
| Dire Dawa | 282.68 | 12.4 | - | 87.18 | - | - | 0.42 |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

AVOCADOS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 8,275.24 | 52.5 | 0.43 | 43.65 | 0.17 | 0.1 | 3.15 |
| Tigray | 0.02 | 76.82 | - | 17.66 | - | - | 5.52 |
| Amhara | 0.28 | - | - | - | - | - | - |
| Oromia | 5,763.13 | 50.05 | 0.45 | 44.72 | 0.15 | - | 4.62 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 2,510.38 | 53.11 | 0.43 | 43.42 | 0.18 | 0.12 | 2.74 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 10 | - | 60 | - | - | 30 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

BANANAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 21,895.61 | 55.91 | 0.3 | 41.08 | 0.11 | 0.08 | 2.53 |
| Tigray | 5.27 | 38.47 | 9.19 | 51.65 | - | - | 0.69 |
| Amhara | 125.29 | - | - | - | - | - | - |
| Oromia | 16,653.65 | 58.46 | 0.23 | 38.32 | 0.15 | 0.03 | 2.81 |
| Somali | * | 17.5 | - | 82.5 | - | - | - |
| Benishangul-Gumuz | 269.06 | 71.78 | - | 27.71 | - | - | 0.51 |
| S.N.N.P.R. | 4,470.07 | 52.11 | 0.37 | 45.08 | 0.06 | 0.15 | 2.23 |
| Gambela | * | 44.05 | - | 46.86 | - | - | 9.09 |
| Harari | * | 10 | - | 87.44 | 2.56 | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

GUAVAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,817.95 | 55.39 | - | 38.06 | 0.62 | 0.2 | 5.73 |
| Tigray | 69.48 | 45.34 | - | 52.63 | - | - | 2.03 |
| Amhara | 50.83 | - | - | - | - | - | - |
| Oromia | 2,587.60 | 54.99 | - | 38.38 | 0.71 | 0.17 | 5.75 |
| Somali | * | - | - | 100 | - | - | - |
| Benishangul-Gumuz | 20.69 | 73.74 | - | 25.31 | - | - | 0.94 |
| S.N.N.P.R. | 77.36 | 56.47 | - | 36.55 | 0.53 | 0.26 | 6.19 |
| Gambela | 0.25 | 50 | - | 50 | - | - | - |
| Harari | * | 71.47 | - | 13.78 | 0.56 | 1.94 | 12.25 |
| Addis Abeba | * | 85 | - | - | - | - | 15 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

LEMONS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 305.69 | 46.61 | 1.92 | 41.79 | 0.64 | - | 9.04 |
| Tigray | 2.65 | 19.23 | 12.39 | 67.07 | - | - | 1.31 |
| Amhara | * | - | - | 100 | - | - | - |
| Oromia | 116.98 | 52.01 | - | 33.69 | 1.12 | - | 13.17 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 34.08 | 64.59 | - | 30.57 | - | - | 4.84 |
| S.N.N.P.R. | 10.28 | 48.82 | - | 46.25 | - | - | 4.93 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

MANGOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 14,715.42 | 62.64 | 0.18 | 32.27 | 0.16 | - | 4.75 |
| Tigray | 2.80 | 94.56 | - | - | - | - | 5.44 |
| Amhara | 22.94 | - | - | - | - | - | - |
| Oromia | 13,118.26 | 62.3 | 0.25 | 32.71 | 0.1 | - | 4.64 |
| Somali | * | 20 | - | 60 | - | - | 20 |
| Benishangul-Gumuz | 540.73 | 77.52 | - | 17.39 | 0.01 | - | 5.07 |
| S.N.N.P.R. | 789.19 | 57.39 | - | 38.59 | 0.5 | - | 3.52 |
| Gambela | 214.40 | 51.99 | - | 33.53 | - | - | 14.49 |
| Harari | * | 59.67 | - | 28.14 | - | - | 12.19 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 5 | - | 92 | - | - | 3 |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ORANGES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 22,120.61 | 60.31 | 0.09 | 34.4 | 0.31 | 0.04 | 4.85 |
| Tigray | 12.55 | 49.5 | - | 47.87 | - | - | 2.63 |
| Amhara | 91.89 | 5 | - | 90 | - | - | 5 |
| Oromia | 17,844.73 | 60.65 | 0.12 | 33.86 | 0.35 | 0.01 | 5.01 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 27.80 | 62.88 | - | 36.82 | - | - | 0.3 |
| S.N.N.P.R. | * | 64.63 | - | 30.15 | 0.3 | - | 4.92 |
| Gambela | 12.16 | 60.89 | - | 21.24 | - | 2.74 | 15.13 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 153.71 | 7.61 | - | 92.39 | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

PAPAYAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 63,930.86 | 71.95 | 0.17 | 23.91 | 0.17 | 0.05 | 3.75 |
| Tigray | 20.43 | 73.89 | - | 22.92 | - | - | 3.19 |
| Amhara | 870.99 | 10 | - | 80 | - | - | 10 |
| Oromia | 55,154.61 | 69.24 | 0.12 | 26.57 | 0.24 | 0.01 | 3.83 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 92.12 | 79.8 | 1.09 | 15.73 | - | 0.41 | 2.98 |
| S.N.N.P.R. | 6,228.75 | 76.76 | 0.12 | 19.72 | 0.06 | 0.07 | 3.27 |
| Gambela | 1,427.46 | 82.65 | - | 2.75 | - | - | 14.6 |
| Harari | 15.30 | 61.42 | - | 22.81 | 0.39 | - | 15.39 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 31.38 | - | 67.38 | - | - | 1.23 |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

PINEAPPLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 60.28 | - | 34.15 | 0.31 | - | 5.26 |
| Tigray | * | - | - | - | - | - | - |
| Amhara | - | - | - | - | - | - | - |
| Oromia | 3.58 | 98.64 | - | - | - | - | 1.36 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | 17.90 | 38.56 | - | 52 | 0.58 | - | 8.87 |
| Gambela | * | 25 | - | 75 | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE I - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

CHAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 12,977.05 | 29.08 | 0.43 | 65.2 | 0.65 | 0.04 | 4.6 |
| Tigray | * | - | - | 100 | - | - | - |
| Amhara | 143.12 | - | - | 100 | - | - | - |
| Oromia | 9,173.40 | 30.69 | 0.38 | 63.25 | 0.77 | 0.03 | 4.87 |
| Somali | 526.77 | 26.39 | 4.74 | 64.26 | - | - | 4.61 |
| Benishangul-Gumuz | * | 5.48 | - | 94.52 | - | - | - |
| S.N.N.P.R. | 2,248.45 | 24.66 | 0.4 | 70.87 | 0.18 | 0.03 | 3.86 |
| Gambela | - | - | - | - | - | - | - |
| Harari | 867.92 | 27.72 | - | 65.92 | 1.88 | 0.31 | 4.17 |
| Addis Abeba | * | - | - | 100 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE J - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

COFFEE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 94,038.21 | 45.92 | 0.48 | 50.08 | 1.24 | 0.03 | 2.24 |
| Tigray | * | 78.23 | - | 21.55 | 0.11 | - | 0.11 |
| Amhara | 159.19 | - | - | - | - | - | - |
| Oromia | 83,439.02 | 46.94 | 0.52 | 48.62 | 1.54 | 0.04 | 2.34 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 22.63 | 55.6 | - | 42.12 | - | - | 2.28 |
| S.N.N.P.R. | 9,173.25 | 44.88 | 0.45 | 51.87 | 0.65 | 0.02 | 2.14 |
| Gambela | 1,223.41 | 18.82 | - | 71.99 | 7.47 | 0.06 | 1.67 |
| Harari | * | 100 | - | - | - | - | - |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | * | - | - | 100 | - | - | - |

TABLE K - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

HOPS / 'GESHO'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 6,878.09 | 53.06 | 0.97 | 42.14 | 0.08 | 0.05 | 3.7 |
| Tigray | 70.20 | 65.26 | 3.54 | 30.3 | 0.02 | - | 0.88 |
| Amhara | 568.60 | 76.04 | - | 23.96 | - | - | - |
| Oromia | 5,718.02 | 53.97 | 0.8 | 41.02 | 0.06 | 0.02 | 4.13 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 83.33 | - | 16.67 | - | - | - |
| S.N.N.P.R. | 474.78 | 41.53 | 1.27 | 55.21 | 0.2 | 0.19 | 1.6 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 67.63 | - | 21.69 | - | - | 10.67 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE L - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

SUGARCANE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 209,727.23 | 34.23 | 1.34 | 57.15 | 0.46 | 3.11 | 3.72 |
| Tigray | 1.64 | - | - | 100 | - | - | - |
| Amhara | 2,740.13 | - | - | - | - | - | - |
| Oromia | 197,978.00 | 26.7 | 1.16 | 66.55 | 0.63 | 1.2 | 3.77 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 37.24 | - | 52.55 | - | - | 10.21 |
| S.N.N.P.R. | 6,004.93 | 43.69 | 1.49 | 45.42 | 0.25 | 5.51 | 3.63 |
| Gambela | * | 39.3 | 5.95 | 46.19 | - | 2.98 | 5.58 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.25 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ETHIOPIA

| Type of Crop | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Grain Crops | 104,713,967.36 | 63.7 | 12.89 | 20.4 | 0.01 | 0.61 | 2.38 |
| Cereals | 91,599,717.74 | 66.94 | 12.67 | 15.7 | 1.25 | 0.69 | 2.75 |
| Teff | 16,573,328.83 | 56.52 | 13.26 | 25.77 | 1.69 | 0.11 | 2.65 |
| Barley | 9,867,354.61 | 65.99 | 18.15 | 10.82 | 0.98 | 1.13 | 2.92 |
| Wheat | 14,837,367.43 | 59.27 | 17.05 | 19.54 | 1.05 | 0.28 | 2.82 |
| Maize | 30,862,098.40 | 76.03 | 8.67 | 10.88 | 0.92 | 1.03 | 2.48 |
| Sorghum | 15,826,272.81 | 74.23 | 9.18 | 11.47 | 1.17 | 0.94 | 3.02 |
| Finger millet | 3,091,170.06 | 69.12 | 10.39 | 13.19 | 3.25 | 0.45 | 3.6 |
| Oats "Aja" | 387,124.54 | 67.88 | 19.02 | 9.15 | 0.62 | 1.83 | 1.51 |
| Rice | 155,001.05 | 64.56 | 12.25 | 19.41 | 2.2 | 0.04 | 1.53 |
| Pulses | 10,976,090.31 | 61 | 14.37 | 21.57 | 0.95 | 0.51 | 1.6 |
| Faba/Horse beans | 4,514,252.26 | 67.8 | 14.47 | 14.72 | 1.02 | 0.1 | 1.88 |
| Field peas | 1,548,666.50 | 60.61 | 15.86 | 20.71 | 1.05 | 0.09 | 1.69 |
| Haricot beans | 1,521,660.62 | 69.87 | 9.61 | 18.75 | 0.42 | 0.25 | 1.11 |
| Chick – peas | 1,856,271.78 | 53.96 | 15.47 | 27.11 | 1.6 | 0.16 | 1.71 |
| Lentils | 416,200.87 | 47.44 | 17.73 | 33.01 | 0.53 | 0.18 | 1.11 |
| Grass peas/Vetch | 936,000.22 | 52.25 | 15.12 | 25.84 | 0.98 | 4.01 | 1.81 |
| Soya beans | 16716.76 | 68.09 | 12.57 | 18.56 | 0.67 | - | 0.11 |
| Fenugreek | 106,553.74 | 31.88 | 14.52 | 52.74 | 0.21 | 0.25 | 0.41 |
| Gibto | 59,767.55 | 64.99 | 12.49 | 19.36 | 2.39 | 0.06 | 0.7 |
| Oilseeds | 2,138,159.32 | 33.92 | 9.92 | 53.76 | 1.42 | 0.07 | 0.91 |
| Neug | 848,023.38 | 22.64 | 8.57 | 65.6 | 2.29 | 0.06 | 0.83 |
| Linseed | 526,166.90 | 43.9 | 13.17 | 41.27 | 0.73 | 0.08 | 0.85 |
| Groundnuts | 141776.33 | 25.31 | 12.5 | 59.26 | 1.13 | 0.01 | 1.79 |
| Safflower | 46,180.97 | 65.47 | 6.22 | 25.24 | 1.31 | 0.3 | 1.46 |
| Sesame | 406,471.52 | 32.31 | 8.02 | 57.66 | 1.18 | 0.06 | 0.78 |
| Rapeseed | 169,540.22 | 43.3 | 8.55 | 46.51 | 0.61 | 0.05 | 0.99 |
| Vegetables | 3,763,778.48 | 73.01 | 1.3 | 23.26 | 0.48 | 0.07 | 1.88 |
| Lettuce | 13,868.86 | 47.16 | 2.05 | 46.83 | 0.04 | 2.81 | 1.11 |
| Head cabbage | 72,078.80 | 48.36 | 0.24 | 48.56 | 0.05 | 1.1 | 1.69 |
| Ethiopian cabbage | 2,121,866.03 | 83.06 | 0.86 | 13.48 | 0.23 | 0.09 | 2.29 |
| Tomatoes | 347,277.48 | 29.44 | 1.5 | 66.71 | 0.31 | 0.01 | 2.03 |
| Green peppers | 417,165.08 | 77.63 | 1.21 | 19.27 | 0.09 | * | 1.8 |
| Red peppers | 779,624.94 | 61.35 | 1.95 | 34.36 | 0.96 | 0.01 | 1.38 |
| Swiss chard | 11,897.32 | 73.2 | 0.63 | 24.29 | 0.03 | 0.03 | 1.83 |
| Root Crops | 18,771,112.49 | 63.04 | 13.41 | 21.97 | 0.35 | 0.08 | 1.14 |
| Beetroot | 55,406.34 | 54.5 | 0.45 | 43.46 | 0.03 | 0.26 | 1.3 |
| Carrot | 76,881.51 | 26.03 | 0.31 | 72.25 | 0.09 | 0.08 | 1.24 |
| Onion | 2,572,052.63 | 39.49 | 10.42 | 48.48 | 0.46 | 0.01 | 1.14 |
| Potatoes | 9,402,087.53 | 66 | 17.41 | 15.13 | 0.43 | 0.07 | 0.96 |
| Garlic | 794,211.09 | 64.57 | 11.79 | 22.46 | 0.2 | 0.02 | 0.95 |
| Taro / 'Godere' | 1,974,349.1 | 77.35 | 14.23 | 6.47 | 0.27 | 0.14 | 1.54 |
| Sweet potatoes | 3,896,124.30 | 81.52 | 0.64 | 10.98 | 0.39 | 4.47 | 1.99 |
| Permanent crops | 5,760,984.05 | 44.43 | 0.59 | 50.72 | 0.4 | 0.54 | 3.31 |
| Avocados | 147,159.79 | 46.73 | 0.45 | 49.89 | 0.19 | 0.04 | 2.7 |
| Bananas | 1,245,615.60 | 48.12 | 0.5 | 48.92 | 0.11 | 0.31 | 2.03 |
| Guavas | 19,399.76 | 56.88 | 0.38 | 34.84 | 0.25 | 0.36 | 7.28 |
| Lemons | 12,021.39 | 31.42 | 0.72 | 62.38 | 0.19 | 0.03 | 5.26 |
| Mangoes | 212,750.25 | 54.61 | 0.29 | 40.22 | 0.15 | 0.02 | 4.7 |
| Oranges | 154,624.72 | 46.53 | 0.35 | 48.82 | 0.18 | 0.07 | 4.05 |
| Papayas | 246,890.10 | 71.87 | 0.27 | 24 | 0.13 | 0.1 | 3.63 |
| Pineapples | * | 43.53 | 0.03 | 53.93 | * | 0.15 | 2.36 |
| Chat | 809,497.09 | 31.16 | 0.56 | 62.83 | 0.34 | 0.04 | 5.06 |
| Coffee | 1,665,790.86 | 37.94 | 0.6 | 58.56 | 0.91 | 0.03 | 1.96 |
| Hops (Gesho) | 253,383.63 | 56.72 | 0.73 | 38.36 | 0.18 | * | 4 |
| Sugar cane | 990,790.03 | 38.32 | 1.05 | 48.96 | 0.18 | 8.04 | 3.43 |

TABLE 5.26 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GRAIN CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 104,713,967.36 | 63.7 | 12.89 | 20.4 | 0.01 | 0.61 | 2.38 |
| Tigray | 6,456,130.05 | 69.84 | 12.16 | 12.68 | 0.01 | 0.58 | 4.73 |
| Afar | 77,313.28 | 54.05 | 15.26 | 28.35 | 0.69 | 0.8 | 0.85 |
| Amhara | 33,762,050.93 | 64.25 | 13.15 | 19.65 | * | 0.45 | 2.49 |
| Oromia | 50,727,972.36 | 62.55 | 12.87 | 21.65 | 0.01 | 0.68 | 2.24 |
| Somali | 743,297.08 | 69.51 | 14.13 | 13.7 | 0.02 | 0.81 | 1.84 |
| Benishangul-Gumuz | 1,618,920.70 | 61.14 | 10.92 | 25.49 | 0.03 | 0.88 | 1.54 |
| S.N.N.P.R. | 10,777,434.21 | 66.72 | 10.69 | 19.83 | 0.01 | 0.75 | 2 |
| Gambela | 165,689.23 | 74.86 | 7.69 | 12.72 | 0.04 | 1.44 | 3.26 |
| Harari | 60,418.21 | 71.18 | 12.3 | 12.57 | 0.07 | 0.71 | 3.17 |
| Addis Abeba | 224,330.31 | 55.35 | 17.08 | 25.49 | * | 0.75 | 1.34 |
| Dire Dawa | 100,411.01 | 88.85 | 4.97 | 1.74 | 0.14 | 0.83 | 3.47 |

TABLE 5.26.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

CEREALS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 91,599,717.74 | 66.94 | 12.67 | 15.7 | 1.25 | 0.69 | 2.75 |
| Tigray | 5,836,556.21 | 71.15 | 12.35 | 10.07 | 0.43 | 0.68 | 5.31 |
| Afar | 76,235.81 | 53.96 | 15.3 | 28.36 | 0.73 | 0.8 | 0.85 |
| Amhara | 27,814,311.07 | 68.42 | 12.75 | 12.99 | 2.48 | 0.44 | 2.92 |
| Oromia | 45,847,097.55 | 66.25 | 12.76 | 16.77 | 0.88 | 0.8 | 2.55 |
| Somali | 734,121.42 | 71.02 | 13.63 | 12.24 | 0.37 | 0.82 | 1.93 |
| Benishangul-Gumuz | 1,424,611.27 | 70.96 | 11.01 | 13.5 | 1.33 | 1.29 | 1.92 |
| S.N.N.P.R. | 9,381,517.87 | 66.27 | 10.66 | 19.46 | 0.45 | 0.96 | 2.19 |
| Gambela | 163,283.77 | 75.85 | 7.85 | 10.58 | 0.73 | 1.58 | 3.4 |
| Harari | 46,283.20 | 82.26 | 11.36 | 2.04 | 0.14 | 0.93 | 3.28 |
| Addis Abeba | 177,651.80 | 59.68 | 17.21 | 20.75 | 0.3 | 0.49 | 1.56 |
| Dire Dawa | 98,047.77 | 88.85 | 4.97 | 1.74 | 0.14 | 0.83 | 3.47 |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

TEFF

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 16,573,328.83 | 56.52 | 13.26 | 25.77 | 1.69 | 0.11 | 2.65 |
| Tigray | 1,042,960.23 | 66.21 | 12.62 | 15.98 | 0.45 | 0.11 | 4.63 |
| Afar | 3,496.02 | 63.78 | 8.35 | 26.14 | 0.34 | - | 1.39 |
| Amhara | 7,093,620.35 | 61.19 | 12.07 | 20.63 | 3.05 | 0.08 | 2.98 |
| Oromia | 7,234,052.51 | 54.17 | 13.7 | 28.29 | 1.33 | 0.17 | 2.35 |
| Somali | 261.17 | 24.12 | 10.89 | 64.99 | - | - | - |
| Benishangul-Gumuz | 77,228.87 | 59.52 | 13.68 | 22.81 | 1.94 | 0.38 | 1.67 |
| S.N.N.P.R. | 1,046,871.71 | 39.67 | 12.18 | 45.33 | 0.51 | 0.18 | 2.14 |
| Gambela | * | 83.84 | 16.16 | - | - | - | - |
| Harari | * | 80 | 10.72 | 9.28 | - | - | - |
| Addis Abeba | 74,798.84 | 58.14 | 17.46 | 22.48 | 0.3 | - | 1.62 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

BARLEY

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 9,867,354.61 | 65.99 | 18.15 | 10.82 | 0.98 | 1.13 | 2.92 |
| Tigray | 599,166.80 | 70.41 | 14.93 | 7.39 | 0.43 | 0.63 | 6.21 |
| Afar | 162.55 | 79.58 | 18.39 | 1.06 | - | 0.65 | 0.33 |
| Amhara | 3,360,658.62 | 67.59 | 19.79 | 6.94 | 1.76 | 0.72 | 3.2 |
| Oromia | 5,010,413.19 | 62.24 | 19.15 | 14.14 | 0.66 | 1.47 | 2.35 |
| Somali | 58,205.78 | 59.56 | 14.9 | 20.9 | 0.2 | 0.49 | 3.95 |
| Benishangul-Gumuz | 10,597.87 | 63.49 | 22.17 | 9.48 | 1.19 | 0.74 | 2.93 |
| S.N.N.P.R. | 824,606.59 | 68.25 | 13.49 | 15.15 | 0.43 | 0.67 | 2.01 |
| Gambela | 21.37 | 90.77 | 9.02 | 0.21 | - | - | - |
| Harari | * | 70.14 | 4.54 | 22.62 | - | 2.55 | 0.14 |
| Addis Abeba | 3,348.21 | 66.51 | 22.95 | 2.37 | * | 7.26 | 0.91 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

WHEAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 14,837,367.43 | 59.27 | 17.05 | 19.54 | 1.05 | 0.28 | 2.82 |
| Tigray | 751,316.36 | 68.5 | 15.37 | 8.74 | 0.52 | 0.57 | 6.29 |
| Afar | 196.55 | 76.94 | 21.02 | 1.81 | - | - | 0.23 |
| Amhara | 3,641,101.82 | 65.23 | 17.56 | 11.79 | 1.85 | 0.35 | 3.23 |
| Oromia | 8,835,745.98 | 56.61 | 17.38 | 22.25 | 0.97 | 0.28 | 2.51 |
| Somali | 111,426.01 | 69.69 | 15.17 | 12.71 | 0.62 | 0.14 | 1.66 |
| Benishangul-Gumuz | 9,752.02 | 61 | 20.85 | 13.43 | 1.78 | 0.08 | 2.85 |
| S.N.N.P.R. | 1,388,176.03 | 56.5 | 13.43 | 27.18 | 0.51 | 0.21 | 2.17 |
| Gambela | - | - | - | - | - | - | - |
| Harari | 695.40 | 84.95 | 7.85 | 5.24 | 0.08 | 0.48 | 1.4 |
| Addis Abeba | 98,944.17 | 51.44 | 19.64 | 26.82 | 0.44 | 0.06 | 1.61 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

MAIZE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 30,862,098.40 | 76.03 | 8.67 | 10.88 | 0.92 | 1.03 | 2.48 |
| Tigray | 913,673.48 | 80.94 | 9.43 | 4.6 | 0.22 | 1.38 | 3.43 |
| Afar | 61,440.10 | 53.55 | 15.44 | 28.64 | 0.74 | 0.81 | 0.83 |
| Amhara | 6,527,108.91 | 77.83 | 7.55 | 9.75 | 1.89 | 0.64 | 2.36 |
| Oromia | 17,450,664.01 | 75.21 | 9.03 | 11.42 | 0.73 | 0.96 | 2.65 |
| Somali | 273,368.84 | 73.93 | 12.76 | 9.76 | 0.24 | 1.65 | 1.66 |
| Benishangul-Gumuz | 421,741.62 | 76.28 | 9.67 | 9.84 | 0.85 | 1.7 | 1.66 |
| S.N.N.P.R. | 5,071,809.37 | 76.26 | 8.23 | 11.04 | 0.42 | 1.62 | 2.43 |
| Gambela | 127,522.15 | 74.93 | 7.89 | 11.64 | 0.59 | 1.61 | 3.34 |
| Harari | 9,186.14 | 84.49 | 9.75 | 1.16 | 0.12 | 1.34 | 3.16 |
| Addis Abeba | 190.41 | 96.13 | 2.2 | - | - | - | 1.66 |
| Dire Dawa | 5,393.36 | 65.41 | 5.81 | 15.03 | - | 9.71 | 4.04 |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SORGHUM

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 15,826,272.81 | 74.23 | 9.18 | 11.47 | 1.17 | 0.94 | 3.02 |
| Tigray | 1,937,639.27 | 72.15 | 10.51 | 10.64 | 0.57 | 1.11 | 5.03 |
| Afar | 10,940.59 | 79.33 | 6.09 | 10.23 | 0.47 | 1.07 | 2.81 |
| Amhara | 5,259,658.73 | 72.09 | 8.99 | 12.49 | 2.43 | 0.7 | 3.3 |
| Oromia | 6,500,297.22 | 74.83 | 8.87 | 11.73 | 0.76 | 0.89 | 2.91 |
| Somali | 286,875.52 | 74.19 | 12.1 | 11.17 | 0.45 | 0.39 | 1.7 |
| Benishangul-Gumuz | 684,258.44 | 69.96 | 10.84 | 14.34 | 1.12 | 1.55 | 2.2 |
| S.N.N.P.R. | 982,759.55 | 78.03 | 9.11 | 8.92 | 0.46 | 1.41 | 2.06 |
| Gambela | 34,704.64 | 77.59 | 7.73 | 8.2 | 1.13 | 1.65 | 3.7 |
| Harari | 36,241.56 | 80.98 | 13.01 | 1.5 | 0.17 | 0.66 | 3.68 |
| Addis Abeba | 294.34 | 74.99 | 9.13 | 15 | - | - | 0.88 |
| Dire Dawa | 92,602.97 | 90.59 | 4.91 | 0.76 | 0.15 | 0.17 | 3.43 |

TABLE F- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

FINGER MILLET

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,091,170.06 | 69.12 | 10.39 | 13.19 | 3.25 | 0.45 | 3.6 |
| Tigray | 588,621.45 | 66.64 | 11.59 | 13.39 | 0.5 | 0.21 | 7.67 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 1,682,931.75 | 66.02 | 10.63 | 14.26 | 6.2 | 0.18 | 2.71 |
| Oromia | 549,955.20 | 73.83 | 9.44 | 12.15 | 0.93 | 1.17 | 2.48 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 208,186.54 | 68.74 | 10.88 | 15.31 | 2.81 | 0.32 | 1.94 |
| S.N.N.P.R. | 60,841.86 | 85.33 | 7.39 | 6.02 | 0.24 | 0.25 | 0.78 |
| Gambela | 629.00 | 83.62 | 5.18 | 9.68 | - | 0.29 | 1.23 |
| Harari | * | 95 | 5 | - | - | - | - |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

OATS / 'AJA'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 387,124.54 | 67.88 | 19.02 | 9.15 | 0.62 | 1.83 | 1.51 |
| Tigray | 3,178.61 | 51.46 | 26 | 16.21 | 1.14 | 3.04 | 2.15 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 116,823.34 | 72 | 18.88 | 6.23 | 0.95 | 0.33 | 1.61 |
| Oromia | 256,399.55 | 65.42 | 18.78 | 10.79 | 0.46 | 3.1 | 1.46 |
| Somali | 3,984.11 | 57.69 | 28.64 | 12.31 | 0.3 | 0.53 | 0.53 |
| Benishangul-Gumuz | 213.81 | 61.48 | 24.91 | 13.31 | - | 0.31 | - |
| S.N.N.P.R. | 6,450.18 | 77.86 | 14.73 | 4.95 | 0.08 | 0.7 | 1.68 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 41.44 | 15.45 | 43.11 | - | - | - |
| Addis Abeba | 71.73 | 43.61 | 28.67 | 26.65 | - | - | 1.06 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

RICE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 155,001.05 | 64.56 | 12.25 | 19.41 | 2.2 | 0.04 | 1.53 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 132,407.57 | 64.44 | 11.52 | 20.19 | 2.22 | - | 1.63 |
| Oromia | 9,569.91 | 61.49 | 12.46 | 21.48 | 3.74 | - | 0.82 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 12,632.09 | 67.13 | 17.53 | 12.7 | 1.31 | 0.34 | 0.99 |
| S.N.N.P.R. | * | - | - | - | - | - | - |
| Gambela | 384.60 | 67.75 | 12.16 | 15.65 | - | 0.61 | 3.83 |
| Harari | * | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.26.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

PULSES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 10,976,090.31 | 61 | 14.37 | 21.57 | 0.95 | 0.51 | 1.6 |
| Tigray | 438,686.70 | 70.73 | 11.87 | 14.38 | 0.26 | 0.14 | 2.62 |
| Afar | 329.85 | 78.23 | 13.5 | 8.18 | - | - | 0.08 |
| Amhara | 5,075,582.12 | 61.18 | 15.78 | 18.66 | 1.9 | 0.61 | 1.86 |
| Oromia | 3,961,369.08 | 59.83 | 14.09 | 23.74 | 0.54 | 0.38 | 1.43 |
| Somali | 6,778.97 | 52.44 | 16.64 | 29.36 | 0.03 | 1.06 | 0.47 |
| Benishangul-Gumuz | 62,002.46 | 71.96 | 12.07 | 13.64 | 1.27 | 0.01 | 1.06 |
| S.N.N.P.R. | 1,379,896.66 | 69.05 | 10.38 | 18.65 | 0.32 | 0.14 | 1.46 |
| Gambela | 1,106.42 | 82.46 | 5.08 | 10.26 | 0.05 | 0.05 | 2.1 |
| Harari | 1,550.66 | 87.88 | 8.44 | 1.88 | - | - | 1.8 |
| Addis Abeba | 46,648.27 | 49.35 | 16.8 | 31.48 | 0.18 | 1.11 | 1.06 |
| Dire Dawa | 2,139.11 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

FABA/HORSE BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 4,514,252.26 | 67.8 | 14.47 | 14.72 | 1.02 | 0.1 | 1.88 |
| Tigray | 200,602.71 | 74.01 | 11.54 | 11.39 | 0.25 | 0.1 | 2.71 |
| Afar | * | 100 | - | - | - | - | - |
| Amhara | 2,111,647.12 | 68.37 | 16.14 | 11.38 | 1.89 | 0.13 | 2.09 |
| Oromia | 1,685,431.30 | 63.33 | 15.48 | 18.66 | 0.63 | 0.07 | 1.82 |
| Somali | * | 90 | 10 | - | - | - | - |
| Benishangul-Gumuz | 5,648.59 | 74.35 | 13.59 | 8.74 | 2.08 | - | 1.24 |
| S.N.N.P.R. | 508,348.48 | 69.09 | 10.15 | 18.75 | 0.37 | 0.12 | 1.53 |
| Gambela | * | - | - | - | - | - | - |
| Harari | * | 58.56 | 41.44 | - | - | - | - |
| Addis Abeba | * | 78.15 | 14.05 | 6.73 | 0.04 | - | 1.03 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

FIELD PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,548,666.50 | 60.61 | 15.86 | 20.71 | 1.05 | 0.09 | 1.69 |
| Tigray | 38,137.06 | 72.9 | 10.64 | 13.47 | 0.2 | 0.02 | 2.76 |
| Afar | * | 80 | 20 | - | - | - | - |
| Amhara | 685,497.54 | 65.08 | 17.16 | 14.2 | 1.77 | 0.12 | 1.67 |
| Oromia | 589,010.38 | 54.98 | 16.49 | 26.38 | 0.61 | 0.04 | 1.5 |
| Somali | * | 64.99 | 15.69 | 19.24 | - | - | 0.08 |
| Benishangul-Gumuz | 5,129.36 | 61.97 | 21.26 | 12.93 | 1.39 | - | 2.45 |
| S.N.N.P.R. | 229,941.22 | 56.51 | 13.14 | 28.1 | 0.4 | 0.09 | 1.76 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 91.8 | 8.2 | - | - | - | - |
| Addis Abeba | 435.68 | 80.05 | 12.31 | 5.09 | - | - | 2.54 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

HARICOT BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,521,660.62 | 69.87 | 9.61 | 18.75 | 0.42 | 0.25 | 1.11 |
| Tigray | 9,991.25 | 82.29 | 10.58 | 5.45 | 0.1 | 0.3 | 1.29 |
| Afar | 176.64 | 90.76 | 7.57 | 1.67 | - | - | - |
| Amhara | 178,479.32 | 61.15 | 11.68 | 23.71 | 1.49 | 0.78 | 1.2 |
| Oromia | 696,996.38 | 65.74 | 9.24 | 23.67 | 0.28 | 0.17 | 0.9 |
| Somali | 2,572.95 | 62.33 | 18.71 | 16.01 | 0.06 | 2.41 | 0.48 |
| Benishangul-Gumuz | 35,346.51 | 73.89 | 11 | 12.8 | 1.2 | 0.01 | 1.1 |
| S.N.N.P.R. | 593,386.50 | 76.56 | 9.3 | 12.44 | 0.21 | 0.18 | 1.31 |
| Gambela | 1,104.42 | 82.46 | 5.08 | 10.26 | 0.05 | 0.05 | 2.1 |
| Harari | 1,472.02 | 91.64 | 3.99 | 2.43 | - | - | 1.94 |
| Addis Abeba | * | 91.29 | 7.66 | 0.09 | - | - | 0.96 |
| Dire Dawa | 2,126.76 | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

CHICK PEAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,856,271.78 | 53.96 | 15.47 | 27.11 | 1.6 | 0.16 | 1.71 |
| Tigray | 104,873.42 | 70.01 | 12.29 | 14.47 | 0.28 | 0.12 | 2.83 |
| Afar | 142.55 | 68.43 | 19.43 | 11.94 | - | - | 0.2 |
| Amhara | 1,089,787.01 | 61.32 | 15.31 | 18.35 | 2.8 | 0.18 | 2.05 |
| Oromia | 590,874.14 | 53.83 | 16.01 | 27.4 | 1.05 | 0.13 | 1.58 |
| Somali | 2,646.51 | 36.87 | 12.52 | 50.19 | - | - | 0.42 |
| Benishangul-Gumuz | 2,344.55 | 70.51 | 10.09 | 17.08 | 1.59 | - | 0.72 |
| S.N.N.P.R. | 38,823.23 | 63.8 | 7.43 | 26.85 | 0.64 | 0.19 | 1.09 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 84.98 | 7.43 | 3.52 | - | - | 4.07 |
| Addis Abeba | 26,748.60 | 38.73 | 16.96 | 42.52 | 0.49 | 0.14 | 1.16 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

LENTILS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 416,200.87 | 47.44 | 17.73 | 33.01 | 0.53 | 0.18 | 1.11 |
| Tigray | 30,155.89 | 58.53 | 12.54 | 25.7 | 0.29 | 0.47 | 2.48 |
| Afar | 0.32 | 7.26 | 31.9 | 60.84 | - | - | - |
| Amhara | 288,588.45 | 42.04 | 17.98 | 37.86 | 0.88 | 0.23 | 1.01 |
| Oromia | 88,813.59 | 54.13 | 13.6 | 31.15 | 0.22 | 0.12 | 0.77 |
| Somali | 862.73 | 63.87 | 24.46 | 11.66 | - | - | - |
| Benishangul-Gumuz | 194.89 | 74.17 | 14.83 | 10.79 | - | - | 0.21 |
| S.N.N.P.R. | 4,261.87 | 61.45 | 13.52 | 24.19 | 0.14 | 0.02 | 0.69 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 49.47 | 23.29 | 25.92 | 0.05 | - | 1.26 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GRASS PEAS/VETCH

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 936,000.22 | 52.25 | 15.12 | 25.84 | 0.98 | 4.01 | 1.81 |
| Tigray | 52,813.79 | 67.48 | 14.1 | 15.6 | 0.35 | 0.09 | 2.37 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 600,380.43 | 55.43 | 13.51 | 21.3 | 2.32 | 4.73 | 2.71 |
| Oromia | 266,381.51 | 49.53 | 16.73 | 26.45 | 0.51 | 5.39 | 1.39 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 22.97 | 65.51 | 8.62 | 25.87 | - | - | - |
| S.N.N.P.R. | 3,577.66 | 72.45 | 6.08 | 17.54 | 0.52 | 3.03 | 0.38 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 12,823.87 | 48.9 | 16.09 | 30.47 | 0.07 | 3.32 | 1.14 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SOYA BEANS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 16,716.76 | 68.09 | 12.57 | 18.56 | 0.67 | - | 0.11 |
| Tigray | 130.67 | 59.09 | 22.73 | 18.18 | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,068.31 | 20.65 | 37.34 | 39.4 | 2.61 | - | - |
| Oromia | 1,456.38 | 53.4 | 24.49 | 22.11 | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 12,899.15 | 67.45 | 11.32 | 20.33 | 0.78 | - | 0.11 |
| S.N.N.P.R. | 162.26 | 92.8 | 3.71 | 3.29 | - | - | 0.19 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

FENUGREEK

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 106,553.74 | 31.88 | 14.52 | 52.74 | 0.21 | 0.25 | 0.41 |
| Tigray | 1,981.91 | 40.07 | 11.14 | 47.04 | 0.28 | - | 1.48 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 59,763.47 | 25.72 | 13.88 | 59.17 | 0.55 | 0.14 | 0.53 |
| Oromia | 42,403.06 | 38.58 | 12.13 | 47.92 | 0.09 | 0.68 | 0.61 |
| Somali | 189.84 | 19.68 | 11.81 | 66.74 | - | - | 1.77 |
| Benishangul-Gumuz | * | 70.12 | 15.32 | 14.56 | - | - | - |
| S.N.N.P.R. | * | 47.77 | 13.12 | 38.58 | 0.06 | 0.02 | 0.46 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 100 | - | - | - | - | - |
| Addis Abeba | 783.56 | 29.93 | 17.49 | 52.52 | - | * | 0.05 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE I - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GIBTO

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 59,767.55 | 64.99 | 12.49 | 19.36 | 2.39 | 0.06 | 0.7 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 59,370.48 | 65.06 | 12.51 | 19.32 | 2.38 | 0.06 | 0.68 |
| Oromia | * | - | - | - | - | - | - |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 394.73 | 45.66 | 7.4 | 32.7 | 7.12 | - | 7.12 |
| S.N.N.P.R. | - | - | - | - | - | - | - |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.26.3 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

OILSEEDS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,138,159.32 | 33.92 | 9.92 | 53.76 | 1.42 | 0.07 | 0.91 |
| Tigray | 180,887.14 | 43.96 | 9.6 | 44.74 | 0.24 | 0.08 | 1.38 |
| Afar | 747.61 | 64.19 | 4.48 | 29.14 | 2.16 | - | 0.03 |
| Amhara | 872,157.75 | 38.9 | 8.35 | 49.36 | 2.46 | 0.05 | 0.88 |
| Oromia | 919,505.73 | 25.46 | 10.62 | 62.41 | 0.54 | 0.09 | 0.88 |
| Somali | 2,396.70 | 34.22 | 31.01 | 34.37 | 0.05 | - | 0.35 |
| Benishangul-Gumuz | 132,306.97 | 28.27 | 10.2 | 59.79 | 1.04 | 0.06 | 0.64 |
| S.N.N.P.R. | 16,019.67 | 46.11 | 19.17 | 32.99 | 0.17 | 0.1 | 1.46 |
| Gambela | 1,299.04 | 50.46 | 7.38 | 40.01 | 0.06 | 0.23 | 1.87 |
| Harari | 12,584.35 | 28.11 | 16.26 | 52.6 | 0.05 | * | 2.97 |
| Addis Abeba | 30.23 | 61.02 | 22 | 16.99 | - | - | - |
| Dire Dawa | 224.13 | - | - | - | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

NEUG

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 848,023.38 | 22.64 | 8.57 | 65.6 | 2.29 | 0.06 | 0.83 |
| Tigray | 27,233.09 | 47.7 | 8.84 | 42.72 | 0.15 | 0.01 | 0.59 |
| Afar | 1.46 | 82.04 | - | 17.96 | - | - | - |
| Amhara | 451,307.74 | 24.14 | 7.91 | 63.31 | 3.65 | 0.04 | 0.95 |
| Oromia | 327,595.10 | 18.58 | 9.24 | 70.57 | 0.75 | 0.1 | 0.76 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 39,635.65 | 17.12 | 10.27 | 70.99 | 1.33 | 0.01 | 0.27 |
| S.N.N.P.R. | 2,243.20 | 19.64 | 10.33 | 68.42 | 1.29 | 0.01 | 0.31 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | - | 100 | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

LINSEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 526,166.90 | 43.9 | 13.17 | 41.27 | 0.73 | 0.08 | 0.85 |
| Tigray | 17,109.34 | 63.97 | 11.6 | 22.38 | 0.08 | 0.05 | 1.91 |
| Afar | * | 100 | - | - | - | - | - |
| Amhara | 106,794.42 | 62.56 | 12.96 | 22.02 | 1.46 | 0.06 | 0.94 |
| Oromia | 397,268.47 | 23.25 | 12.24 | 63.43 | 0.33 | 0.11 | 0.64 |
| Somali | 1,409.81 | 32.28 | 32.74 | 34.58 | 0.05 | - | 0.35 |
| Benishangul-Gumuz | 462.15 | 69.54 | 11.28 | 18.53 | 0.55 | - | 0.1 |
| S.N.N.P.R. | 3,096.14 | 55.65 | 16.11 | 27.08 | 0.06 | 0.02 | 1.08 |
| Gambela | * | 86.67 | 3.33 | 8.33 | - | - | 1.67 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | 53.65 | 30.45 | 15.9 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GROUNDNUTS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 141,776.33 | 25.31 | 12.5 | 59.26 | 1.13 | 0.01 | 1.79 |
| Tigray | * | 1.17 | 0.47 | 97.65 | - | - | 0.7 |
| Afar | * | 35 | 15 | 50 | - | - | - |
| Amhara | * | 5.82 | 8.82 | 78.41 | 6.45 | - | 0.51 |
| Oromia | 78,111.51 | 24.76 | 12.22 | 60.44 | 0.67 | 0.01 | 1.9 |
| Somali | * | 54.47 | 16.42 | 29.11 | - | - | - |
| Benishangul-Gumuz | 25,875.77 | 31.18 | 12.61 | 53.68 | 1.41 | 0.01 | 1.12 |
| S.N.N.P.R. | * | 24.55 | 15.4 | 56.82 | 0.6 | - | 2.63 |
| Gambela | 471.74 | 67.58 | 7.73 | 22.2 | - | 0.09 | 2.4 |
| Harari | 12,494.18 | 26.56 | 16.47 | 53.89 | 0.05 | * | 3.02 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SAFFLOWER

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 46,180.97 | 65.47 | 6.22 | 25.24 | 1.31 | 0.3 | 1.46 |
| Tigray | 114.19 | 82.85 | 4.46 | 11.8 | - | 0.45 | 0.45 |
| Afar | 32.83 | 84.86 | 3.95 | 11.19 | - | - | - |
| Amhara | 37,859.57 | 63.53 | 6.11 | 26.89 | 1.71 | 0.27 | 1.5 |
| Oromia | 6,151.01 | 68.42 | 6.69 | 22.85 | 0.05 | 0.23 | 1.76 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 634.59 | 73.94 | 5.87 | 14.16 | 1.05 | 4.88 | 0.11 |
| S.N.N.P.R. | 1,388.79 | 75.26 | 6.78 | 17.16 | - | - | 0.8 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SESAME

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 406,471.52 | 32.31 | 8.02 | 57.66 | 1.18 | 0.06 | 0.78 |
| Tigray | 136,246.53 | 16.42 | 8.14 | 73.46 | 0.51 | 0.17 | 1.29 |
| Afar | * | 59.93 | 4.05 | 32.98 | 3 | - | 0.04 |
| Amhara | 136,727.56 | 39.34 | 7.41 | 50.88 | 1.87 | 0.05 | 0.44 |
| Oromia | 66,056.85 | 34.6 | 7.53 | 55.93 | 1.03 | * | 0.91 |
| Somali | * | 8.34 | 13.61 | 73.7 | - | - | 4.35 |
| Benishangul-Gumuz | 64,860.19 | 29.71 | 9.46 | 59.27 | 0.73 | 0.04 | 0.79 |
| S.N.N.P.R. | 535.15 | 33.8 | 14.8 | 51.08 | - | - | 0.32 |
| Gambela | 817.28 | 29.62 | 7.2 | 61.35 | 0.12 | 0.39 | 1.31 |
| Harari | * | 91.29 | 7.61 | - | - | - | 1.1 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

RAPESEED

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 169,540.22 | 43.3 | 8.55 | 46.51 | 0.61 | 0.05 | 0.99 |
| Tigray | 97.46 | 63.93 | 4.19 | 17.74 | - | - | 14.14 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 122,620.65 | 39.97 | 4.16 | 54.19 | 1 | * | 0.68 |
| Oromia | 44,322.78 | 46.66 | 11.88 | 39.98 | 0.09 | 0.1 | 1.3 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 838.62 | 70.96 | 6.09 | 21.77 | 0.35 | - | 0.83 |
| S.N.N.P.R. | 1,653.93 | 39.21 | 28.34 | 30.03 | 0.06 | 0.27 | 2.09 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 2.35 | 72.75 | 8.53 | 18.72 | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.27 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

VEGETABLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,763,778.48 | 73.01 | 1.3 | 23.26 | 0.48 | 0.07 | 1.88 |
| Tigray | 55,577.44 | 81.15 | 1.64 | 14.4 | 0.09 | 0.06 | 2.66 |
| Afar | 10,424.05 | 10.95 | 2.84 | 80.91 | 3.51 | - | 1.8 |
| Amhara | 436,531.01 | 75.8 | 1.48 | 20.06 | 1.26 | 0.04 | 1.36 |
| Oromia | 1,382,922.21 | 70.79 | 1.33 | 25.61 | 0.19 | 0.06 | 2.02 |
| Somali | 11,796.11 | 35.63 | 1.05 | 60.21 | 0.03 | 0.01 | 3.07 |
| Benishangul-Gumuz | 22,653.20 | 77.7 | 2.05 | 18.71 | 0.67 | 0.01 | 0.87 |
| S.N.N.P.R. | 1,824,009.08 | 73.99 | 1.04 | 22.46 | 0.29 | 0.08 | 2.14 |
| Gambela | 5,784.92 | 82.03 | 0.82 | 14.23 | 0.19 | - | 2.73 |
| Harari | * | 53.26 | 1.64 | 40.49 | - | - | 4.61 |
| Addis Abeba | 7,068.34 | 71.34 | 1.82 | 25.63 | 0.02 | 0.25 | 0.94 |
| Dire Dawa | 6,459.82 | 15 | 2.5 | 77.5 | 5 | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

LETTUCE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 13,868.86 | 47.16 | 2.05 | 46.83 | 0.04 | 2.81 | 1.11 |
| Tigray | 938.19 | 31.17 | 1.45 | 64.78 | - | 0.03 | 2.57 |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | 39.56 | - | 56.19 | - | - | 4.26 |
| Oromia | 10,715.41 | 21.65 | 2.12 | 68.69 | - | 7.01 | 0.53 |
| Somali | * | 41.22 | - | 58.78 | - | - | - |
| Benishangul-Gumuz | * | 100 | - | - | - | - | - |
| S.N.N.P.R. | * | 68.23 | 14.32 | 17.06 | - | - | 0.38 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 23.18 | - | 74.3 | - | - | 2.51 |
| Addis Abeba | * | 85.12 | 0.34 | 13.82 | 0.14 | 0.17 | 0.4 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

HEAD CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 72,078.80 | 48.36 | 0.24 | 48.56 | 0.05 | 1.1 | 1.69 |
| Tigray | 1,719.45 | 19.52 | 1.17 | 76.67 | - | 2.64 | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | 9,173.10 | 33.69 | 0.35 | 62.73 | - | 0.28 | 2.95 |
| Oromia | 46,718.90 | 54.86 | 0.02 | 42.5 | 0.12 | 0.99 | 1.52 |
| Somali | * | 10 | - | 90 | - | - | - |
| Benishangul-Gumuz | 261.86 | 85.57 | - | 12.49 | - | - | 1.94 |
| S.N.N.P.R. | 12,704.58 | 76.06 | 1.08 | 21.15 | 0.04 | 0.28 | 1.38 |
| Gambela | * | 62.48 | - | 18.04 | - | - | 19.47 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 937.60 | 34.51 | - | 62.05 | - | 1.85 | 1.6 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

ETHIOPIAN CABBAGE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,121,866.03 | 83.06 | 0.86 | 13.48 | 0.23 | 0.09 | 2.29 |
| Tigray | 576.03 | 77.59 | - | 22.35 | - | - | 0.06 |
| Afar | 0.03 | 20 | 5 | 20 | 50 | - | 5 |
| Amhara | 34,893.29 | 92.58 | 0.63 | 5.26 | * | 0.34 | 1.18 |
| Oromia | 633,512.47 | 81.96 | 0.89 | 14.62 | 0.09 | 0.05 | 2.4 |
| Somali | * | - | - | 100 | - | - | - |
| Benishangul-Gumuz | * | 86.63 | - | 12.99 | - | - | 0.38 |
| S.N.N.P.R. | 1,440,604.80 | 83.62 | 0.83 | 12.78 | 0.27 | 0.1 | 2.4 |
| Gambela | 3,650.88 | 86.9 | 0.52 | 10.79 | 0.34 | - | 1.44 |
| Harari | * | 39.89 | 1.57 | 55.41 | - | - | 3.13 |
| Addis Abeba | 4,381.20 | 76.96 | 1.11 | 21.04 | 0.01 | 0.01 | 0.87 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

TOMATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 347,277.48 | 29.44 | 1.5 | 66.71 | 0.31 | 0.01 | 2.03 |
| Tigray | 23,511.85 | 26.86 | 2.17 | 68.98 | - | - | 1.99 |
| Afar | 10,173.63 | 9.39 | 2.68 | 86.37 | - | - | 1.55 |
| Amhara | * | 22.92 | 0.63 | 73.13 | 0.8 | - | 2.52 |
| Oromia | 169,912.54 | 42.87 | 1.16 | 53.4 | 0.31 | 0.02 | 2.23 |
| Somali | 9,845.26 | 36.58 | 0.62 | 60.44 | 0.04 | 0.01 | 2.3 |
| Benishangul-Gumuz | 1,077.57 | 58.83 | 0.48 | 36.88 | 0.46 | - | 3.35 |
| S.N.N.P.R. | 11,581.23 | 63.36 | 0.41 | 34.35 | 0.46 | - | 1.42 |
| Gambela | 1,243.99 | 66.16 | 2.01 | 26.55 | - | - | 5.28 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | * | - | - | - | - | - | - |
| Dire Dawa | 6,454.49 | 15 | 2.5 | 77.5 | 5 | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GREEN PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 417,165.08 | 77.63 | 1.21 | 19.27 | 0.09 | * | 1.8 |
| Tigray | 20,838.18 | 82.14 | 2.38 | 13.18 | 0.47 | - | 1.83 |
| Afar | * | 33.35 | 2.15 | 60.04 | - | - | 4.46 |
| Amhara | 79,483.48 | 84.7 | 0.54 | 13.41 | 0.13 | * | 1.22 |
| Oromia | 219,985.49 | 77.67 | 0.81 | 19.46 | 0.07 | 0.01 | 1.99 |
| Somali | * | 45.03 | 3 | 44.81 | - | - | 7.16 |
| Benishangul-Gumuz | 2,451.33 | 85.55 | 1.03 | 12.47 | - | - | 0.96 |
| S.N.N.P.R. | 92,388.54 | 67.3 | 1.23 | 29.42 | 0.07 | 0.01 | 1.97 |
| Gambela | 486.81 | 89.99 | 1.08 | 7.68 | 0.05 | - | 1.2 |
| Harari | * | 90.93 | 3.02 | - | - | - | 6.05 |
| Addis Abeba | 111.68 | 80.88 | 18.81 | 0.31 | - | - | - |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

RED PEPPERS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 779,624.94 | 61.35 | 1.95 | 34.36 | 0.96 | 0.01 | 1.38 |
| Tigray | 6,680.48 | 88.42 | 1.45 | 7.05 | 0.01 | 0.02 | 3.05 |
| Afar | 86.58 | 96.05 | 1.84 | 0.79 | - | - | 1.32 |
| Amhara | 195,969.05 | 74.53 | 1.7 | 20.85 | 1.55 | 0.01 | 1.36 |
| Oromia | 297,283.49 | 54.21 | 2.26 | 41.6 | 0.39 | 0.01 | 1.52 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 15,219.92 | 77.27 | 2.23 | 18.94 | 0.74 | 0.01 | 0.8 |
| S.N.N.P.R. | 264,080.36 | 17.57 | 2.2 | 79.16 | 0.48 | - | 0.59 |
| Gambela | 305.06 | 76.23 | 0.9 | 19.4 | - | - | 3.46 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SWISS CHARD

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 11,897.32 | 73.2 | 0.63 | 24.29 | 0.03 | 0.03 | 1.83 |
| Tigray | 1,313.26 | 36.91 | 1.69 | 60.54 | - | 0.03 | 0.82 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,582.50 | 75.73 | 0.58 | 22.81 | - | - | 0.88 |
| Oromia | 4,793.90 | 72.65 | 1.6 | 22.35 | 0.02 | 0.02 | 3.37 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 100 | - | - | - | - | - |
| S.N.N.P.R. | 2,360.99 | 92.09 | 0.51 | 3.01 | - | - | 4.39 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 23.04 | - | 69.13 | - | - | 7.83 |
| Addis Abeba | 763.33 | 72.6 | 0.21 | 25.91 | 0.05 | 0.05 | 1.17 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE 5.28 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

ROOT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 18,771,112.49 | 63.04 | 13.41 | 21.97 | 0.35 | 0.08 | 1.14 |
| Tigray | 112,879.90 | 41.77 | 10.08 | 46.79 | 0.05 | - | 1.32 |
| Afar | 32,510.62 | 9.03 | 1.03 | 83.71 | 5.45 | - | 0.77 |
| Amhara | 4,999,216.31 | 62.7 | 14.3 | 21.36 | 0.69 | 0.05 | 0.9 |
| Oromia | 5,165,528.01 | 59.05 | 11.61 | 27.68 | 0.18 | 0.05 | 1.43 |
| Somali | 94,688.36 | 20.24 | 19.67 | 59.69 | 0.05 | - | 0.36 |
| Benishangul-Gumuz | 68,075.04 | 67.13 | 9.99 | 22.08 | 0.27 | - | 0.54 |
| S.N.N.P.R. | 8,219,445.21 | 68.78 | 16.64 | 13.01 | 0.24 | 0.16 | 1.17 |
| Gambela | 28,875.79 | 87.4 | 4.62 | 5.7 | 0.01 | - | 2.27 |
| Harari | 8,663.17 | 47.52 | 4.58 | 47.36 | - | 0.02 | 0.52 |
| Addis Abeba | 27,792.52 | 61.83 | 4.88 | 32.55 | - | * | 0.73 |
| Dire Dawa | 13,437.57 | 5 | - | 95 | - | - | - |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

BEETROOT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 55,406.34 | 54.5 | 0.45 | 43.46 | 0.03 | 0.26 | 1.3 |
| Tigray | * | 17.35 | - | 82.41 | - | - | 0.24 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 7,468.52 | 38.25 | 1.42 | 55.82 | - | 2 | 2.52 |
| Oromia | 37,370.65 | 59.49 | 0.66 | 38.03 | 0.06 | 0.04 | 1.71 |
| Somali | * | 10 | - | 85.73 | - | - | 4.27 |
| Benishangul-Gumuz | 46.63 | 78.95 | - | 20.59 | - | - | 0.46 |
| S.N.N.P.R. | 7,859.20 | 75.87 | 0.18 | 21.96 | - | 0.46 | 1.53 |
| Gambela | * | 100 | - | - | - | - | - |
| Harari | * | 30 | - | 70 | - | - | - |
| Addis Abeba | 1,330.06 | 33.86 | 0.01 | 66.12 | - | * | * |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

CARROT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 76,881.51 | 26.03 | 0.31 | 72.25 | 0.09 | 0.08 | 1.24 |
| Tigray | 5,007.57 | 18.22 | 4.08 | 77.7 | - | - | 0.01 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 14,140.32 | 27.67 | 2.48 | 67.85 | - | 0.6 | 1.4 |
| Oromia | 33,054.70 | 40.87 | 0.22 | 56.48 | 0.55 | 0.25 | 1.63 |
| Somali | * | 47.5 | - | 52.5 | - | - | - |
| Benishangul-Gumuz | 145.88 | 53.61 | - | 46.03 | 0.24 | - | 0.12 |
| S.N.N.P.R. | 4,397.16 | 72.28 | 0.01 | 25.49 | 0.3 | 0.05 | 1.86 |
| Gambela | - | - | - | - | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 20,131.73 | 19.41 | 0.01 | 79.44 | - | * | 1.14 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

ONION

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 2,572,052.63 | 39.49 | 10.42 | 48.48 | 0.46 | 0.01 | 1.14 |
| Tigray | 49,947.53 | 27.37 | 8.66 | 62.87 | 0.05 | - | 1.04 |
| Afar | 32,373.21 | 8.43 | 0.82 | 87.45 | 3.03 | - | 0.27 |
| Amhara | * | 40.58 | 12.45 | 45.36 | 0.72 | * | 0.89 |
| Oromia | 1,030,247.93 | 38.55 | 10.62 | 49.3 | 0.21 | 0.01 | 1.31 |
| Somali | 33,322.51 | 18.19 | 22.12 | 59.53 | - | - | 0.15 |
| Benishangul-Gumuz | 2,869.17 | 53.41 | 4.97 | 41.13 | 0.03 | - | 0.46 |
| S.N.N.P.R. | 184,805.59 | 36.91 | 10.61 | 50.62 | 0.3 | 0.04 | 1.52 |
| Gambela | * | 84.6 | 11.35 | 3.95 | 0.05 | - | 0.05 |
| Harari | * | - | - | - | - | - | - |
| Addis Abeba | 3,624.90 | 82.77 | 7.92 | 8.89 | - | - | 0.41 |
| Dire Dawa | * | 5 | - | 95 | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 9,402,087.53 | 66 | 17.41 | 15.13 | 0.43 | 0.07 | 0.96 |
| Tigray | 32,312.28 | 52.26 | 4.89 | 42.2 | - | - | 0.65 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 3,393,533.73 | 69.81 | 16.95 | 11.32 | 1.17 | 0.05 | 0.71 |
| Oromia | 2,289,610.05 | 58.65 | 14.2 | 25.5 | 0.2 | 0.05 | 1.41 |
| Somali | 4,778.59 | 85.04 | 1.12 | 13.84 | - | - | - |
| Benishangul-Gumuz | 36,437.88 | 73.63 | 14.35 | 10.78 | 0.42 | - | 0.82 |
| S.N.N.P.R. | 3,639,651.16 | 69.35 | 20.45 | 9.14 | 0.15 | 0.1 | 0.82 |
| Gambela | 202.73 | 94.43 | 5.28 | 0.28 | - | - | - |
| Harari | * | 45.68 | 4.82 | 49.07 | - | - | 0.43 |
| Addis Abeba | 778.09 | 33.64 | 2.12 | 64.19 | - | - | 0.05 |
| Dire Dawa | * | - | - | - | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GARLIC

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 794,211.09 | 64.57 | 11.79 | 22.46 | 0.2 | 0.02 | 0.95 |
| Tigray | 24,731.77 | 51.99 | 14.91 | 30.95 | 0.08 | - | 2.07 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 337,302.55 | 65.07 | 13.19 | 20.37 | 0.34 | 0.02 | 1.02 |
| Oromia | 288,463.96 | 54.65 | 11.52 | 32.7 | 0.15 | 0.05 | 0.94 |
| Somali | 40,463.68 | 7.96 | 22.51 | 68.96 | 0.11 | - | 0.46 |
| Benishangul-Gumuz | 3,217.99 | 69.71 | 12.44 | 16.95 | 0.37 | - | 0.52 |
| S.N.N.P.R. | 98,007.75 | 52.57 | 13.29 | 33.09 | 0.07 | 0.06 | 0.92 |
| Gambela | 98.19 | 66.66 | 21.32 | 12.02 | - | - | - |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 1,925.21 | 83.45 | 7.4 | 8.43 | - | - | 0.71 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

TARO / 'GODERE'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,974,349.10 | 77.35 | 14.23 | 6.47 | 0.27 | 0.14 | 1.54 |
| Tigray | - | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | - | - | - | - |
| Oromia | 471,057.48 | 81.79 | 11.09 | 4.96 | 0.16 | 0.1 | 1.91 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 748.45 | 94.16 | 4.42 | 1.41 | - | - | - |
| S.N.N.P.R. | 1,484,845.40 | 75.36 | 15.67 | 7.12 | 0.32 | 0.16 | 1.37 |
| Gambela | 17,696.71 | 88.05 | 3.83 | 5.65 | * | - | 2.47 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SWEET POTATOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 3,896,124.30 | 81.52 | 0.64 | 10.98 | 0.39 | 4.47 | 1.99 |
| Tigray | 143.89 | 65.14 | 1.23 | 32.33 | - | - | 1.3 |
| Afar | * | 22.3 | 4.93 | 15.96 | 47.34 | - | 9.47 |
| Amhara | 17,258.22 | 65.98 | 1.66 | 30.71 | 0.26 | - | 1.4 |
| Oromia | 1,015,723.26 | 82.3 | 0.59 | 12.95 | 0.12 | 1.71 | 2.33 |
| Somali | 15,531.85 | 83.37 | 0.67 | 13.71 | - | 0.29 | 1.97 |
| Benishangul-Gumuz | 24,609.05 | 83.22 | 0.96 | 14.87 | 0.01 | 0.23 | 0.71 |
| S.N.N.P.R. | 2,799,878.96 | 81.42 | 0.63 | 9.61 | 0.42 | 6.08 | 1.84 |
| Gambela | 10,827.54 | 82.47 | 1.18 | 13.03 | 0.07 | 0.35 | 2.9 |
| Harari | 4,741.87 | 80.72 | 1.4 | 10.41 | - | 4.93 | 2.54 |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | 7,269.77 | - | - | - | - | - | - |

TABLE 5.29 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

PERMANENT CROPS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 5,760,984.05 | 44.43 | 0.59 | 50.72 | 0.4 | 0.54 | 3.31 |
| Tigray | 65,145.34 | 43.38 | 1.56 | 47.8 | 0.09 | - | 7.17 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 105,128.10 | 58.47 | 0.61 | 37.69 | 0.22 | 0.02 | 2.99 |
| Oromia | 3,058,629.88 | 44.15 | 0.6 | 50.26 | 0.59 | 0.37 | 4.03 |
| Somali | 130,950.19 | 27.74 | 0.68 | 64.85 | 0.34 | 0.09 | 6.3 |
| Benishangul-Gumuz | 92,145.77 | 62.54 | 0.74 | 33.66 | 0.1 | 0.02 | 2.95 |
| S.N.N.P.R. | 2,193,580.56 | 38.35 | 0.52 | 57.38 | 0.28 | 0.98 | 2.49 |
| Gambela | 56,406.04 | 54.04 | 0.44 | 39.23 | 1.07 | 0.47 | 4.75 |
| Harari | 37,345.49 | 33.46 | 0.64 | 58.93 | 0.24 | 0.06 | 6.67 |
| Addis Abeba | 575.13 | 76.15 | 1.54 | 21.28 | - | - | 1.03 |
| Dire Dawa | 21,077.55 | 38.83 | 0.73 | 52.55 | 0.54 | 0.02 | 7.32 |

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

AVOCADOS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 147,159.79 | 46.73 | 0.45 | 49.89 | 0.19 | 0.04 | 2.7 |
| Tigray | * | 76.82 | - | 17.66 | - | - | 5.52 |
| Afar | - | - | - | - | - | - | - |
| Amhara | * | - | - | 100 | - | - | - |
| Oromia | 21,989.14 | 47.62 | 0.39 | 48.27 | 0.13 | 0.03 | 3.55 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | * | 46.69 | - | 50.56 | - | - | 2.75 |
| S.N.N.P.R. | 124,997.14 | 46.63 | 0.46 | 50.06 | 0.2 | 0.04 | 2.61 |
| Gambela | - | - | - | - | - | - | - |
| Harari | * | 74.81 | - | 24.65 | - | - | 0.54 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

BANANAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,245,615.60 | 48.12 | 0.5 | 48.92 | 0.11 | 0.31 | 2.03 |
| Tigray | 4,136.29 | 15.93 | 2.13 | 80.78 | 0.52 | - | 0.64 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 4,289.99 | 29.68 | 0.68 | 68.15 | 0.25 | - | 1.24 |
| Oromia | 473,454.64 | 54.24 | 0.44 | 42.15 | 0.09 | 0.42 | 2.66 |
| Somali | 18,371.25 | 9.55 | 1.62 | 85.5 | - | - | 3.33 |
| Benishangul-Gumuz | 23,270.16 | 50.24 | 0.75 | 46.46 | 0.09 | - | 2.46 |
| S.N.N.P.R. | 711,614.11 | 43.55 | 0.54 | 54.12 | 0.12 | 0.24 | 1.42 |
| Gambela | 8,969.18 | 53.73 | 0.18 | 41.57 | - | 0.02 | 4.5 |
| Harari | 213.66 | 73.3 | - | 22.74 | 0.03 | - | 3.93 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 22.39 | - | 77.06 | - | - | 0.54 |

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

GUAVAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 19,399.76 | 56.88 | 0.38 | 34.84 | 0.25 | 0.36 | 7.28 |
| Tigray | * | 21.09 | 0.48 | 69.82 | - | - | 8.61 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,271.34 | 49.78 | 0.7 | 43.69 | 0.16 | 0.67 | 4.99 |
| Oromia | 10,262.74 | 59.29 | 0.27 | 31.07 | 0.15 | 0.44 | 8.78 |
| Somali | 189.57 | 66.28 | - | 25.48 | 1.51 | - | 6.74 |
| Benishangul-Gumuz | 166.27 | 70.52 | - | 23.63 | - | - | 5.86 |
| S.N.N.P.R. | 3,657.68 | 58.31 | 0.48 | 35.37 | 0.59 | 0.06 | 5.19 |
| Gambela | 74.97 | 73.88 | - | 17.26 | - | - | 8.86 |
| Harari | * | 52.81 | - | 36.45 | 0.01 | 0.02 | 10.72 |
| Addis Abeba | * | 85 | - | - | - | - | 15 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

LEMONS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 12,021.39 | 31.42 | 0.72 | 62.38 | 0.19 | 0.03 | 5.26 |
| Tigray | 1,668.38 | 23.59 | 4.07 | 69.33 | - | - | 3.02 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 794.82 | 23.81 | 0.95 | 72.26 | 0.09 | 0.04 | 2.85 |
| Oromia | 3,050.46 | 36.31 | 0.22 | 54.71 | 0.21 | 0.01 | 8.55 |
| Somali | 1,493.22 | 6.11 | - | 93.19 | 0.55 | - | 0.15 |
| Benishangul-Gumuz | 801.55 | 42.43 | 0.03 | 47.93 | 0.06 | - | 9.56 |
| S.N.N.P.R. | 4,055.07 | 36.65 | 0.29 | 57.99 | 0.33 | 0.06 | 4.68 |
| Gambela | 102.68 | 43.53 | - | 43.31 | - | - | 13.15 |
| Harari | * | 16.42 | - | 80.74 | - | - | 2.85 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 7.38 | - | 92.62 | - | - | - |

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

MANGOES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 212,750.25 | 54.61 | 0.29 | 40.22 | 0.15 | 0.02 | 4.7 |
| Tigray | 5.77 | 94.56 | - | - | - | - | 5.44 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 24.82 | 51.38 | - | 48.62 | - | - | - |
| Oromia | 112,780.67 | 58.21 | 0.28 | 36.39 | 0.12 | 0.02 | 4.98 |
| Somali | * | 29.92 | 3.53 | 54.03 | 5.93 | 0.48 | 6.12 |
| Benishangul-Gumuz | 44,064.59 | 61.92 | 0.84 | 32.39 | 0.03 | 0.03 | 4.79 |
| S.N.N.P.R. | 45,282.44 | 43.36 | 0.08 | 52.83 | 0.21 | - | 3.52 |
| Gambela | 8,745.24 | 60.19 | 0.33 | 32.58 | 0.2 | - | 6.71 |
| Harari | 228.79 | 20.79 | - | 74.78 | 0.11 | - | 4.31 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 5 | - | 92 | - | - | 3 |

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

ORANGES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 154,624.72 | 46.53 | 0.35 | 48.82 | 0.18 | 0.07 | 4.05 |
| Tigray | 1,930.96 | 21.7 | 4.05 | 71.81 | - | - | 2.44 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 8,015.62 | 23.55 | 0.83 | 73.59 | 0.2 | - | 1.82 |
| Oromia | 77,336.80 | 50.71 | 0.25 | 43.64 | 0.21 | 0.02 | 5.18 |
| Somali | 9,272.39 | 6.48 | 2.88 | 88.97 | - | - | 1.66 |
| Benishangul-Gumuz | 1,217.01 | 56.42 | 1.02 | 35.64 | 0.05 | 0.55 | 6.33 |
| S.N.N.P.R. | 55,832.88 | 50.85 | 0.17 | 45.01 | 0.14 | 0.15 | 3.67 |
| Gambela | 605.26 | 61.14 | 0.95 | 31.63 | - | 0.09 | 6.19 |
| Harari | 43.06 | 82.11 | - | 10.21 | - | - | 7.68 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | 370.75 | 13.27 | - | 85.36 | - | - | 1.37 |

TABLE G - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

PAPAYAS

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 246,890.10 | 71.87 | 0.27 | 24 | 0.13 | 0.1 | 3.63 |
| Tigray | 3,464.80 | 34.94 | 1.86 | 62 | - | - | 1.2 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 2,956.42 | 60.35 | 0.18 | 37.23 | 0.1 | - | 2.14 |
| Oromia | 126,891.12 | 71.56 | 0.34 | 23.81 | 0.06 | 0.04 | 4.2 |
| Somali | * | 53.23 | - | 43.12 | - | 1.05 | 2.6 |
| Benishangul-Gumuz | 10,874.47 | 76.64 | 0.28 | 20.98 | 0.03 | 0.01 | 2.06 |
| S.N.N.P.R. | 72,471.90 | 75.52 | 0.22 | 20.4 | 0.21 | 0.18 | 3.48 |
| Gambela | 15,646.53 | 79.46 | 0.01 | 13.59 | 0.05 | - | 6.9 |
| Harari | * | 62.84 | - | 30.81 | 0.01 | - | 6.34 |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | * | 22.42 | 1.47 | 73.11 | - | - | 3.01 |

TABLE H - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

PINEAPPLES

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | * | 43.53 | 0.03 | 53.93 | * | 0.15 | 2.36 |
| Tigray | * | - | - | - | - | - | - |
| Afar | - | - | - | - | - | - | - |
| Amhara | - | - | - | - | - | - | - |
| Oromia | 255.36 | 58.05 | 0.12 | 41.13 | - | - | 0.71 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | - | - | - | - | - | - | - |
| S.N.N.P.R. | * | 35.41 | - | 61.3 | * | 0.22 | 3.07 |
| Gambela | * | 72.25 | - | 25.57 | - | - | 2.19 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | - | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE I - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

CHAT

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 809,497.09 | 31.16 | 0.56 | 62.83 | 0.34 | 0.04 | 5.06 |
| Tigray | * | 10.6 | - | 88.73 | - | - | 0.67 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 9,673.89 | 17.21 | 1.37 | 75.7 | 0.09 | 0.02 | 5.61 |
| Oromia | 451,889.61 | 38.54 | 0.58 | 54.42 | 0.4 | 0.06 | 6 |
| Somali | 96,835.93 | 27.87 | 0.57 | 64.43 | 0.19 | 0.04 | 6.9 |
| Benishangul-Gumuz | 1,088.87 | 41.83 | 2.48 | 52.36 | - | - | 3.34 |
| S.N.N.P.R. | 206,712.12 | 17.98 | 0.4 | 78.52 | 0.27 | 0.01 | 2.82 |
| Gambela | * | 18.96 | - | 78.25 | - | - | 2.79 |
| Harari | 27,337.43 | 29.71 | 1.15 | 61.32 | 0.4 | 0.01 | 7.41 |
| Addis Abeba | * | 23.04 | - | 76.96 | - | - | - |
| Dire Dawa | * | 49.53 | 0.76 | 39.38 | 0.81 | 0.03 | 9.49 |

TABLE J - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

COFFEE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 1,665,790.86 | 37.94 | 0.6 | 58.56 | 0.91 | 0.03 | 1.96 |
| Tigray | * | 53.71 | 0.09 | 43.4 | 0.27 | - | 2.53 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 12,772.06 | 61.52 | 0.31 | 36.56 | 0.27 | * | 1.34 |
| Oromia | 1,157,978.86 | 33.79 | 0.74 | 61.9 | 1.56 | 0.03 | 1.97 |
| Somali | 40.73 | 40.4 | - | 59.6 | - | - | - |
| Benishangul-Gumuz | 7,109.94 | 71.51 | 0.98 | 25.97 | 0.36 | - | 1.18 |
| S.N.N.P.R. | 471,130.62 | 37.48 | 0.52 | 59.46 | 0.43 | 0.04 | 2.07 |
| Gambela | 15,243.67 | 16.46 | 1.08 | 75.95 | 5.42 | 0.01 | 1.07 |
| Harari | 151.32 | 25.23 | - | 74.11 | - | - | 0.66 |
| Addis Abeba | * | 100 | - | - | - | - | - |
| Dire Dawa | 238.52 | 9.76 | - | 87.03 | - | - | 3.21 |

TABLE K - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

HOPS / 'GESHO'

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 253,383.63 | 56.72 | 0.73 | 38.36 | 0.18 | * | 4 |
| Tigray | 49,558.13 | 47.14 | 1.42 | 43.06 | 0.08 | - | 8.3 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 54,740.21 | 66.41 | 0.61 | 29.44 | 0.23 | * | 3.31 |
| Oromia | 120,331.13 | 50.1 | 0.77 | 44.01 | 0.16 | 0.01 | 4.94 |
| Somali | - | - | - | - | - | - | - |
| Benishangul-Gumuz | 1,762.06 | 66.83 | 0.76 | 30.91 | 0.09 | - | 1.41 |
| S.N.N.P.R. | 26,082.93 | 24.63 | 0.55 | 70.44 | 0.11 | 0.01 | 4.27 |
| Gambela | 353.68 | 57.78 | 1.03 | 39.01 | - | - | 2.18 |
| Harari | - | - | - | - | - | - | - |
| Addis Abeba | 555.49 | 77.52 | 1.58 | 19.85 | - | - | 1.05 |
| Dire Dawa | - | - | - | - | - | - | - |

TABLE L - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALLHOLDINGS

SUGARCANE

| Geographic Area | Total Production (Quintal) | Percent Utilized For | | | | | |
|---|---|---|---|---|---|---|---|
| | | Household Consumption | Seed | Sale | Wages In kind | Animal Feed | Others |
| Ethiopia | 990,790.03 | 38.32 | 1.05 | 48.96 | 0.18 | 8.04 | 3.43 |
| Tigray | * | 13.81 | - | 79.29 | - | - | 6.9 |
| Afar | - | - | - | - | - | - | - |
| Amhara | 9,576.98 | 29.11 | 0.86 | 66.26 | 0.2 | 0.27 | 3.29 |
| Oromia | 502,409.37 | 39.79 | 1.05 | 48.67 | 0.11 | 6.3 | 4.09 |
| Somali | 45.75 | 4.3 | - | 94.27 | - | - | 1.43 |
| Benishangul-Gumuz | 1,711.25 | 44.08 | 1.27 | 53.64 | - | - | 1.01 |
| S.N.N.P.R. | 469,077.71 | 38.18 | 1.09 | 47.4 | 0.22 | 10 | 3.11 |
| Gambela | 5,272.73 | 71.86 | 0.67 | 17.54 | 0.03 | 4.49 | 5.4 |
| Harari | * | 8.04 | - | 86.71 | - | 2.39 | 2.86 |
| Addis Abeba | * | - | - | - | - | - | - |
| Dire Dawa | - | - | - | - | - | - | - |

# ANNEX TABLES PRESENTING ESTIMATES, STANDARD ERRORS AND COEFFICIENTS OF VARIATION FOR SELECTED AREA AND PRODUCTION VARIABLES

**Annex Tables 5.1-5.2**

Annex Table 5.1

## Estimates of Area, Production and their Standard Errors and Coefficients of Variation for Temporary Crops

All Holdings

ETHIOPIA

| Crop | Holders | S.E. | C.V. | Area | S.E. | C.V. | Production | S.E. | C.V. |
|---|---|---|---|---|---|---|---|---|---|
| Total | 10,336,572 | 24,005 | 0 | 9,160,104 | 44,454 | 0 | 127,248,858 | 1,078,321 | 1 |
| Grain Crops | 10,135,179 | 24,145 | 0 | 8,803,765 | 43,639 | 1 | 104,713,967 | 672,885 | 1 |
| Cereals | 9,980,106 | 24,182 | 0 | 7,187,390 | 36,832 | 1 | 91,599,718 | 627,218 | 1 |
| Teff | 4,570,709 | 27,306 | 1 | 1,895,950 | 17,128 | 1 | 16,573,329 | 181,646 | 1 |
| Barley | 3,509,007 | 26,920 | 1 | 965,677 | 13,760 | 1 | 9,867,355 | 191,981 | 2 |
| Wheat | 3,308,748 | 26,168 | 1 | 1,089,779 | 13,514 | 1 | 14,837,367 | 227,615 | 2 |
| Maize | 7,023,895 | 30,580 | 0 | 1,702,036 | 14,620 | 1 | 30,862,098 | 412,735 | 1 |
| Sorghum | 3,498,115 | 26,669 | 1 | 1,195,200 | 14,928 | 1 | 15,826,273 | 231,302 | 1 |
| Finger millet | 1,029,548 | 13,916 | 1 | 286,090 | 6,406 | 2 | 3,091,170 | 80,504 | 3 |
| Oats / 'Aja' | 331,301 | 8,560 | 3 | 44,186 | 1,403 | 3 | 387,125 | 14,674 | 4 |
| Rice | 33,043 | 4,135 | 13 | 8,473 | 1,501 | 18 | 155,001 | 30,603 | 20 |
| Pulses | 5,452,870 | 27,066 | 1 | 1,178,207 | 10,286 | 1 | 10,976,090 | 122,736 | 1 |
| Faba/Horse beans | 2,665,036 | 23,003 | 1 | 374,997 | 4,543 | 1 | 4,514,252 | 66,397 | 1 |
| Field peas | 1,258,204 | 15,451 | 1 | 205,683 | 3,758 | 2 | 1,548,667 | 37,580 | 2 |
| Haricot beans | 1,996,933 | 21,910 | 1 | 209,535 | 3,998 | 2 | 1,521,661 | 56,384 | 4 |
| Chick-peas | 808,810 | 14,445 | 2 | 196,440 | 4,362 | 2 | 1,856,272 | 49,255 | 3 |
| Lentils | 524,512 | 10,056 | 2 | 76,107 | 2,344 | 3 | 416,201 | 19,258 | 5 |
| Grass peas/Vetch | 442,819 | 11,035 | 2 | 86,016 | 2,708 | 3 | 936,000 | 33,304 | 4 |
| Soya beans | 15,219 | 1,159 | 8 | 1,896 | 227 | 12 | 16,717 | 3,806 | 23 |
| Fenugreek | 223,180 | 6,313 | 3 | 20,239 | 1,210 | 6 | 106,554 | 6,572 | 6 |
| Gibto | 43,443 | 3,335 | 8 | 7,294 | 747 | 10 | 59,768 | 6,245 | 10 |
| Oilseeds | 1,888,112 | 17,914 | 1 | 438,168 | 7,113 | 2 | 2,138,159 | 45,843 | 2 |
| Neug | 800,748 | 12,617 | 2 | 234,198 | 5,303 | 2 | 848,023 | 22,357 | 3 |
| Linseed | 591,514 | 9,776 | 2 | 103,622 | 2,885 | 3 | 526,167 | 19,968 | 4 |
| Groundnuts | 95,860 | 4,928 | 5 | 16,928 | 1,520 | 9 | 141,776 | 15,469 | 11 |
| Safflower | 92,890 | 5,251 | 6 | 5,562 | 456 | 8 | 46,181 | 8,885 | 19 |
| Sesame | 224,074 | 6,731 | 3 | 62,748 | 3,165 | 5 | 406,472 | 26,259 | 6 |
| Rapeseed | 361,841 | 10,223 | 3 | 15,110 | 729 | 5 | 169,540 | 11,127 | 7 |
| Vegetables | 3,167,487 | 24,561 | 1 | 90,585 | 2,250 | 2 | 3,763,778 | 129,090 | 3 |
| Lettuce | 14,759 | 1,419 | 10 | 248 | 53 | 21 | 13,869 | 3,864 | 28 |
| Head cabbage | 49,168 | 2,497 | 5 | 991 | 136 | 14 | 72,079 | 13,604 | 19 |
| Ethiopian cabbage | 1,813,931 | 18,542 | 1 | 24,928 | 855 | 3 | 2,121,866 | 89,085 | 4 |
| Tomatoes | 71,202 | 4,315 | 6 | 3,301 | 487 | 15 | 347,277 | 76,408 | 22 |
| Green peppers | 445,916 | 8,937 | 2 | 4,673 | 203 | 4 | 417,165 | 23,752 | 6 |
| Red peppers | 1,142,237 | 18,576 | 2 | 56,203 | 1,972 | 4 | 779,625 | 41,898 | 5 |
| Swiss chard | 25,805 | 1,543 | 6 | 241 | 51 | 21 | 11,897 | 2,534 | 21 |
| Root crops | 3,767,948 | 27,141 | 1 | 265,754 | 4,710 | 2 | 18,771,112 | 779,324 | 4 |
| Beet root | 65,826 | 2,490 | 4 | 687 | 69 | 10 | 55,406 | 5,240 | 9 |
| Carrot | 43,975 | 2,440 | 6 | 1,038 | 182 | 18 | 76,882 | 9,110 | 12 |
| Onion | 632,378 | 14,205 | 2 | 20,444 | 1,011 | 5 | 2,572,053 | 610,566 | 24 |
| Potatoes | 1,869,236 | 22,952 | 1 | 164,146 | 4,330 | 3 | 9,402,088 | 454,756 | 5 |
| Garlic | 822,788 | 13,534 | 2 | 6,042 | 275 | 5 | 794,211 | 48,676 | 6 |
| Taro / 'Godere' | 761,054 | 11,465 | 2 | 26,506 | 734 | 3 | 1,974,349 | 56,103 | 3 |
| Sweet potatoes | 788,178 | 12,437 | 2 | 46,891 | 1,129 | 2 | 3,896,124 | 124,701 | 3 |

Annex Table 5.2

Estimates of Holders, Area, Production and their Standard Errors and Coefficients of Variations for Permanent crops

All Holdings

Ethiopia

| Crop | Holders | S.E. | C.V. | Area | S.E | C.V | Production | S.E. | C.V. |
|---|---|---|---|---|---|---|---|---|---|
| Avocados | 324,489 | 10,164.00 | 22.00 | * | * | * | * | * | * |
| Bananas | 1,327,484 | 19,712.00 | 7.00 | 21,938.00 | 834.00 | 12.00 | 1,245,615.60 | 95,026.00 | 21.00 |
| Guavas | 140,259 | 6,692.00 | 13.00 | 1,426.00 | 126.00 | 22.00 | * | * | * |
| Lemons | 111,884 | 5,076.00 | 10.00 | 796.00 | 91.00 | 25.00 | 12,021.39 | 1,266.00 | 35.00 |
| Mangoes | 298,277 | 7,151.00 | 16.00 | 3,989.00 | 181.00 | 17.00 | * | * | * |
| Oranges | 309,216 | 10,832.00 | 11.00 | 2,559.00 | 177.00 | 19.00 | 154,624.72 | 13,803.00 | 31.00 |
| Papayas | 404,183 | 11,269.00 | 9.00 | 2,981.00 | 162.00 | 15.00 | 246,890.10 | 25,062.00 | 21.00 |
| Pineapples | * | * | * | * | * | * | * | * | * |
| Chat | 1,545,861 | 22,517.00 | 7.00 | 97,604.00 | 2,143.00 | 12.00 | 809,497.09 | 26,531.00 | 25.00 |
| Coffee | 2,386,687 | 31,032.00 | 5.00 | 256,545.00 | 6,435.00 | 17.00 | 1,665,790.86 | 49,753.00 | 18.00 |
| Hops | 1,511,399 | 22,688.00 | 3.00 | 19,098.00 | 754.00 | 8.00 | 253,383.63 | 12,865.00 | 10.00 |
| Sugar cane | 563,304 | 13,690.00 | 9.00 | 13,007.00 | 883.00 | 20.00 | 990,790.03 | 62,066.00 | 23.00 |

# APPENDIXES

**APPENDI X I** - Estimation Procedures of Totals , Ratios and Sampling Errors

**APPENDIX II** - Number of EAs and Agricultural Households Sampled and Covered by Wereda

**APPENDIX III** - Census Questionnaires

## APPENDIX I:

### Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total land under specific crop, production and yield of specific crop, and totals (for other variables) in a stratum (Wereda).

**1. Estimation of Total Area of Land under Specific Crop:**

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight

Where:

$h$ represents the stratum

$n_h$ is the total number of sample EAs successfully covered in the $h^{th}$ stratum.

$M_h$ is the measure of size of the $h^{th}$ stratum as obtained from the sampling frame.

$m_{hi}$ is the measure of size of the $i^{th}$ sample EA in the $h^{th}$ stratum obtained from the sampling frame.

$H_{hi}$ is the total number of agricultural households of the $i^{th}$ sample EA in the $h^{th}$ stratum.

$h_{hi}$ is number of sample agricultural households successfully covered in the $i^{th}$ sample EA in the $h^{th}$ stratum.

$a_{hi}$ is the sample total of values of area in the $i^{th}$ EA in the $h^{th}$ stratum under a specific crop.

$\hat{A}_h$ is estimate of total area under specific crop in the $h^{th}$ stratum.

**2. Estimation of Total Production:**

$$\hat{P}_h = \sum_{i=1}^{n_h} W_{hi} P_{hi}$$

in which, $P_{hi} = a_{hi} * \overline{Y}_{hi}$

Where, $\overline{Y}_{hi}$ is average yield per square meter of a specific crop in the $i^{th}$ EA in the $h^{th}$ stratum as defined in the table below for different crops.

| Crop | Formula for $\overline{Y}_{hi}$ |
|---|---|
| Cereals, pulses, oilseeds, chat and coffee | $\overline{Y}_{hi}=\frac{Y_{hi}}{16C_{hi}}$ |
| Pineapple | $\overline{Y}_{hi}=\frac{Y_{hi}}{4C_{hi}}$ |
| Root-crops and vegetables (broadcast type), and sugar cane | $\overline{Y}_{hi}=\frac{Y_{hi}}{C_{hi}}$ |
| Root-crops and vegetables (row type) | $\overline{Y}_{hi}=\frac{Y_{hi}}{d_{hi}\cdot C_{hi}}$ |
| Other permanent crops | $\overline{Y}_{hi}=\frac{Y_{hi}}{b_{hi}\cdot C_{hi}}$ |

Where, $d_{hi}$ is average sample area of root crop or vegetable (row type) used for crop-cutting in the $i^{th}$ EA in the $h^{th}$ stratum, or $d_{hi}=\frac{r}{n-1}*1\text{mt}$

$r$ is distance measured in meter from Row 1 to Row $n$ in meter.

$n$ is number of rows ($2 \le n \le 5$).

$b_{hi}$ is average area of a fruit bearing tree in the $i^{th}$ EA in the $h^{th}$ stratum.

$Y_{hi}$ is sampled total of production of a specific crop from defined area of land for crop cutting of crop in the $i^{th}$ EA in the $h^{th}$ stratum.

$C_{hi}$ is number of crop cutting of a specific crop in the $i^{th}$ EA in the $h^{th}$ stratum.

$\overline{Y}_{hi}$ is average yield per square meter of a specific crop in the $i^{th}$ EA in the $h^{th}$ stratum.

$P_{hi}$ is estimate of total production of a specific crop in the $i^{th}$ EA in the $h^{th}$ stratum.

$\hat{P}_h$ is estimate of total production quantity of a specific crop in the $h^{th}$ stratum.

**3. Estimate of Yield of a Specific Crop in Stratum $h$ is given by:**

$$\hat{Y}_h=\frac{\hat{P}_h}{\hat{A}_h}$$

**4. Estimation of Totals (Holders, Livestock, Farm Implements, etc.)**

$$\hat{y}_h=\sum_{i=1}^{n_h}\frac{M_hH_{hi}}{n_hh_{hi}}\hat{y}_{hi}$$

## 5. Sampling Variance of Estimates:

Sampling variance of estimate of stratum total of area, production and yield for a specific crop, and totals for other variables are estimated by the following formulas, respectively.

$$Var(\hat{A}_h)=(1-f_h)\frac{n_h}{n_h-1}\sum_{i=1}^{n_h}\left(\hat{A}_{hi}-\frac{\hat{A}_h}{n_h}\right)^2+f_h\sum_{i=1}^{n_h}(1-f_{hi})\left(\frac{h_{hi}}{h_{hi}-1}\right)\sum_{j=1}^{h_{hi}}\left(\hat{A}_{hij}-\frac{\hat{A}_{hi}}{h_{hi}}\right)^2$$

$$Var(\hat{P}_h)=(1-f_h)\frac{n_h}{n_h-1}\sum_{i=1}^{n_h}\left(\hat{p}_{hi}-\frac{\hat{p}_h}{n_h}\right)^2+f_h\sum_{i=1}^{n_h}(1-f_{hi})\left(\frac{h_{hi}}{h_{hi}-1}\right)\sum_{j=1}^{h_{hi}}\left(\hat{P}_{hij}-\frac{\hat{P}_{hi}}{h_{hi}}\right)^2$$

$$Var(\hat{Y}_h)=\frac{1}{\hat{A}_h^2}[Var(\hat{P}_h)+\hat{Y}_h^2Var(\hat{A}_h)-2\hat{Y}_hCov(\hat{P}_h,\hat{A}_h)]$$

Where, $Cov(\hat{P}_h,\hat{A}_h)=(1-f_h)\frac{n_h}{n_h-1}\sum_{i=1}^{n_h}(\hat{A}_{hi}-\frac{\hat{A}_h}{n_h})(\hat{P}_{hi}-\frac{\hat{P}_h}{n_h})$

$$+f_h\sum_{i=1}^{n_h}(1-f_{hi})\left(\frac{h_{hi}}{h_{hi}-1}\right)\sum_{j=1}^{h_{hi}}\left(\hat{A}_{hij}-\frac{\hat{A}_{hi}}{h_{hi}}\right)\left(\hat{P}_{hij}-\frac{\hat{P}_{hi}}{h_{hi}}\right).$$

$$Var(\hat{y}_h)=(1-f_h)\frac{n_h}{n_h-1}\sum_{i=1}^{n_h}\left(\hat{y}_{hi}-\frac{\hat{y}_h}{n_h}\right)^2+f_h\sum_{i=1}^{n_h}(1-f_{hi})\left(\frac{h_{hi}}{h_{hi}-1}\right)\sum_{j=1}^{h_{hi}}\left(\hat{y}_{hij}-\frac{y_{hi}}{h_{hi}}\right)^2$$

$f_h$ = average first stage probability of selection of EAs within Wereda $h$.

$f_{hi}=\frac{h_{hi}}{H_{hi}}$ = average second stage probability of selection within the $i^{th}$ sample EA in Wereda $h$.

Since all strata are independent, the total variance at zonal, regional and country level is computed by aggregating the result obtained at wereda level, i.e.

$$Var(\hat{Y})=\sum_h^L Var(\hat{Y}_h), Var(\hat{P})=\sum_h^L Var(\hat{P}_h) \text{ and } Var(\hat{A})=\sum_h^L Var(\hat{A}_h)$$

Where, $L$ is the number of strata (Weredas).

In estimating the sampling variance by the above formula, selection of EAs within a stratum is assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

**6. Coefficient of Variation (CV) of Estimates:**

Coefficient of Variation (CV), in percentage, of estimate of stratum total of area, production and yield for a specific crop (other totals) are given respectively by:

$$CV(\hat{A}_h)=\frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h}*100$$

$$CV(\hat{P}_h)=\frac{\sqrt{Var(\hat{P}_h)}}{\hat{P}_h}*100$$

$$CV(\hat{Y}_h)=\frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h}*100$$

**7. Ninety-five percent confidence interval (CI) of stratum total is:**

$$\hat{Y}_h \pm 1.96 * S.E(\hat{Y}_h)$$

Where, $S.E(\hat{Y}_h)=\sqrt{Var(\hat{Y}_h)}$

## APPENDIX II:

### NUMBER OF EA's AND AGRICULTURAL HOUSEHOLDS SAMPLED AND COVERED BY REGION (**RURAL**)

| Region | EA | | Households | |
|---|---|---|---|---|
| | Sampled | Covered | Sampled | Covered |
| Tigray | 850 | 849 | 25500 | 25640 |
| Afar | 94 | 90 | 2820 | 2630 |
| Amhara | 2525 | 2504 | 75750 | 75037 |
| Oromia | 4687 | 4671 | 140610 | 139892 |
| Somali | 170 | 165 | 5100 | 4789 |
| Benshangul-Gumuz | 436 | 426 | 13080 | 12720 |
| SNNP | 2304 | 2278 | 69180 | 68175 |
| Gambella | 141 | 121 | 4230 | 3552 |
| Harari | 25 | 25 | 750 | 738 |
| Addis Ababa | 35 | 35 | 1080 | 1050 |
| Dire Dawa | 25 | 25 | 750 | 749 |
| Total | 11292 | 11189 | 338850 | 334972 |

### NUMBER OF EA's AND AGRICULTURAL HOUSEHOLDS SAMPLED AND COVERED BY REGION (**URBAN**)

| Region | EA | | Households | |
|---|---|---|---|---|
| | Sampled | Covered | Sampled | Covered |
| Tigray | 418 | 418 | 10422 | 10387 |
| Afar | 82 | 75 | 2109 | 2064 |
| Amhara | 1123 | 1113 | 31655 | 31312 |
| Oromia | 1796 | 1793 | 52953 | 52825 |
| Somali | 117 | 115 | 2936 | 2919 |
| Benshangul-Gumuz | 45 | 45 | 1326 | 1322 |
| SNNP | 646 | 645 | 18978 | 18930 |
| Gambella | 21 | 21 | 640 | 640 |
| Harari | 25 | 25 | 570 | 569 |
| Addis Ababa | 80 | 79 | 1970 | 1970 |
| Dire Dawa | 25 | 25 | 648 | 647 |
| Total | 4378 | 4354 | 124207 | 123585 |

# APPENDIX III

| Rural |
|---|
| |

FORM EASE -R- 94/2

# Ethiopian Agricultural Sample Enmeration- Socio Economic characteristics of Population in Agricultural Households - 2001 /2002 (1994 E.C.)

## PART I- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| Region | Zone | Wereda | | Farmers' Association | Enumeration Area | Household ID Number |
| | | | | | | |

## PART II - DEMOGRAPHIC CHARACTERISTICS OF EACH MEMBER OF THE AGRICULTURAL HOUSEHOLD (STARTING WITH THE HEAD OF THE HOUSEHOLD)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 5 YEARS AND ABOVE | | 10 YEARS AND ABOVE | | | |
| SR. NO. | FULL NAME | IS MEMEBER OF THE HOUSEHOLD A HOLDER Yes =1 No =2 | If Column 3, Code 1: HOLDER ID | If Column 3, Code 1: TYPE OF HOLDING CROP =1 LIVESTOCK =2 BOTH =3 | SEX MALE = 1 FEMALE = 2 | RELATION TO THE HEAD OF HOUSEHOLD | AGE (IN COMP-LETED YEARS) | EDUCATIONAL ATTAINMENT (Highest Grade Completed) | MARITAL STATUS NEVER MARRIED = 1 CURRENTLY MARRIED= 2 DIVORCED = 3 WIDOWED = 4 | WERE YOU ENGAGED IN ECONOMIC ACTIVITY DURING THE LAST 12 MONTHS? Yes =1 No =2 | IF NOT ENGAGED (IN COL. 11 COD2 ECOMOMIC ACTIVITY WHAT WAS THE MAIN REASON? STUDENT =1 HOME MAKERS =2 HANDICAP =3 OLD AGE/PENSION =4 OTHERS =5 | IF ENGAGED IN ECONOMIC ACTIVITY WHAT WAS THE MAJOR ACTIVITY? FULLY AGRICULTURE = 1 PARTLY AGRICULTURE = 2 Fully in others =3 | IF IN COLUMN 13, CODE 1 OR 2, EMPLOYMENT STATUS EMPLOYER = 1 OWN-ACCOUNT WORKER = 2 EMPLOYEE = 3 UNPAID FAMILY WORKER = 4 OTHERS =5 |
| | | code | | | Code | Code | | Code | Code | Code | Code | Code | Code |
| 0 1 | | | | | | | | | | | | | |
| 0 2 | | | | | | | | | | | | | |
| 0 3 | | | | | | | | | | | | | |
| 0 4 | | | | | | | | | | | | | |
| 0 5 | | | | | | | | | | | | | |
| 0 6 | | | | | | | | | | | | | |
| 0 7 | | | | | | | | | | | | | |
| 0 8 | | | | | | | | | | | | | |
| 0 9 | | | | | | | | | | | | | |
| 1 0 | | | | | | | | | | | | | |

| Code | Relation to the Head of Household |
|---|---|
| 1 | Head |
| 2 | Spouse |
| 3 | Son/Daughter of head & spouse |
| 4 | Son/Daughter of head |
| 5 | Son/Daughter of spouse |
| 6 | Mother/Father of head/spouse |
| 7 | Sister/Brother of head/spouse |
| 8 | Other relatives |
| 9 | Non relatives |

| Code | Educational Attainment |
|---|---|
| 1 | Illiterate |
| 2 | Informal Education |
| 3 | Grade 1 Completed |
| 4 | Grade 2 Completed |
| 5 | Grade 3 Completed |
| 6 | Grade 4 Completed |
| 7 | Grade 5 Completed |
| 8 | Grade 6 Completed |
| 9 | Grade 7 Completed |
| 10 | Grade 8 Completed |
| 11 | Grade 9 Completed |
| 12 | Grade 10 Completed |
| 13 | Grade 11 Completed |
| 14 | Grade 12 Completed |
| 15 | Grade 12 + |

Form EASE-94/3A

RURAL

# Ethiopian Agricultural Sample Enumeration

## List of Fields Under Temporary Crops (Including Vegetables and Root Crops) and Agricultural Practices (Mehere Season) - 2001/02 (1994 E.C.)

Part 1- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | zone | Wereda | Farmers Association | Enumeratio Areas | Household Number | | Holder Name | Age | Sex male →1 Female →2 | Type of Holding Crop → 1 Livestack → 2 Both → 3 |
| | | | | | | | | | | |

Part II - Area Under Temporary Crops and Agricultural Practice

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Sr. No. | Questions | Parcel No / Field No. / crop name (code) | Parcel No. / filed NO. / crop name (code) | Parcel No. / filed NO. / crop name (code) | Parcel No. / filed NO. / crop name (code) |
| 01 | Type of Holding<br>Private → 1 Others → 3<br>Rnted /contract → 2 | | | | |
| 02 | Crop Area in local unit | Name / code / Area | Name / code / Area | Name / code / Area | Name / code / Area |
| 03 | Have the field been included in the extention Package program<br>Yes → 1 No → 2 | | | | |
| 04 | Was the field Irrigated?<br>Yes → 1 No → 2 | | | | |
| 05 | Variety of seeds used<br>Improved → 1 Indignores → 2 | | | | |
| 06 | (For Cereals,Pulses and Oil seeds only) If indiginous seed was used, What was the total quantity | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 07 | (For Cereals,Pulses and Oil seeds only) If Improved seed was used, what was the total quantity | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 08 | (For Cereals,Pulses and Oil seeds only) If Improved seed was used what was the cost /price | Birr cent | Birr cent | Birr cent | Birr cent |
| 09 | Was the crop Damaged<br>Yes → 1 No → 2 | | | | |
| 10 | If yes, what was the major cause of damage | Reason code | Reason code | Reason code | Reason code |
| 11 | Percentage of damage | | | | |
| 12 | Any control/protection measure taken for crop damage?<br>Yes → 1 No → 2 | | | | |
| 13 | If yes, what Type of measure?<br>Chemical → 1 Both → 3<br>Non chemical → 2 | | | | |
| 14 | If chemical<br>Insecticide → 1 1&3 → 5<br>Herbicide → 2 2&3 → 6<br>Fungicide → 3 All → 7<br>1&2 → 4 | | | | |
| 15 | Was the field fertilized?<br>Yes → 1 No → 2 | | | | |
| 16 | If fertilized what type ?<br>Natural → 1 Bothe → 3<br>Chemical → 2 | | | | |
| 17 | One main reason for not using chemical fertilizer | Reason Code | Reason Code | Reason | Reason Code |
| 18 | If chemical fertilizer used<br>18.1 Type<br>Urea → 1 Both → 3<br>Dap → 2 | | | | |
| | 18.2 Quantity in K.g | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 19 | If natural fertilizer used mainly What type?<br>Manure → 1 Both → 3<br>Compost → 2 Others → 4 | | | | |
| | If others specify/ → | | | | |

RURAL

# Ethiopian Agricultural Sample Enumeration

Form EASE-94/3B

## List of Fields Under Permanent Crops and their Agricultural Practices (Mehere Season) - 2001/02 (1994 E.C.)

Part 1 IDENTICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Areas | Household Number | Holder Number | Holder's Name | Age | Sex: male → 1, Female → 2 | Type of Holding: crop → 1, Livestock → 2, Both → 3 |
| | | | | | | | | | | |

Part II - Area Under Permanent Crops and Agricultural Practice

| 1 | 2 Question | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| | | parcel No / Field No / Crop Name code | parcel No / Field No / Crop Name code | parcel No / Field No / Crop Name code | parcel No / Field No / Crop Name code |
| 01 | Type of Holding: Private → 1, Others → 3; Rented/ contract → 2 | | | | |
| 02 | Crop Area in Local unit | Name / Area | Name / Code / Area | Name / Code / Area | Name / Code / Area |
| 03 | Has the field been included in the extention package program: Yes → 1, No → 2 | | | | |
| 04 | Total number of trees in the field. (Excluding Coffe,Chat,Pineapple,Sugar-cane) | Quantity | Quantity | Quantity | Quantity |
| 05 | Number of trees of fruit bearing age (Excluding Coffe,Chat,Pineapple,Sugar-cane) | Quantity | Quantity | Quantity | Quantity |
| 06 | Was the field Irrigated: Yes → 1, No → 2 | | | | |
| 07 | Variety of seeds used: Improve → 1, Indiginous → 2 | | | | |
| 08 | Was the crop Damaged: Yes → 1, No → 2 | | | | |
| 09 | If yes, what was the major cause of damage | Reason code | Reason code | Reason code | Reason code |
| 10 | Persontage of Damage | | | | |
| 11 | Any control /proventina measure taken for crop Damage: Yes → 1, No → 2 | | | | |
| 12 | Chemical → 1, Non chemical → 2, Both → 3 | | | | |
| 13 | If chemica: Incectide → 1, Herbicid → 2, Fungicids → 3, 1&2 → 4, 1&3 → 5, 2&3 → 6, All → 7 | | | | |
| 14 | Was the field fertilized: Yes → 1, No → 2 | | | | |
| 15 | If fertilized what type? Natural → 1, Chemical → 2, Both → 3 | | | | |
| 16 | Reason for not using chemical fertilizer | Reason Code | Reason Code | Reason Code | Reason Code |
| 17 | If chemical (comercial) fertilizer used | | | | |
| | 17.1 Type: Urea → 1, Dap → 2, Both → 3 | | | | |
| | 17.2 Quantity in Kg. | Kg. Gram | Kg. am | Kg. Gram | Kg. Gram |
| 18 | If natural fertilizer used mainly what type? Manure → 1, Compost → 2, Both → 3, Others → 4 (If others specify) → | | | | |

RURAL

# Ethiopian Agricultural Sample Enumeration

## List of Fields Under Mixed Crops and their Agricultural Practices

## (Mehere Season) - 2001/02 (1994 E.C.)

Form EASE-94/3c

### Part 1- IDENTIFICATION PARTICULARS

| 1 Region | 2 Zone | 3 Wereda | 4 Farmers' Association | 5 Enumeration Areas | 6 Household Number | 7 Holder Number | 8 Holders' Name | 9 Age | 10 Sex (male → 1, Femal → 2) | 11 Type of Holding (Crop → 1, Livestock → 2, Bothe → 3) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |

### Part II - Area Under Mixed Crops and Agricultural Practice

| | | Questions | 3 Parcel No. / Field No. — Crop Name / code | Corp Name / code | Crop Name / code | 4 Parcel No. / Field No. — Corp Name / code | Corp Name / code | Corp Name / code |
|---|---|---|---|---|---|---|---|---|
| 0 | 1 | Type of Holding<br>Private → 1 Others → 3<br>Rented/contract → 2 | | | | | | |
| 0 | 2 | Total mixed corp area<br>in local unit | Name of Local Unit / code / Area | | | Name of Local Unit / code / Area | | |
| 0 | 3 | Was the field been included in the extention pakage program<br>Yes → 1 No → 2 | | | | | | |
| 0 | 4 | Area in percentag share for<br>Each crop | | | | | | |
| 0 | 5 | Number of trees for permanent crop<br>(Excluding Coffee, Chat, Pinapple, Sugar-cane) | Quantity | Quantity | Quantity | Quantity | Quantity | Quantity |
| 0 | 6 | Number of trees of fruit of permanent crop<br>(Excluding Coffee, Chat, Pinapple, Sugar-cane) | Quantity | Quantity | Quantity | Quantity | Quantity | Quantity |
| 0 | 7 | was the field Irrigated<br>yes → 1 No → 2 | | | | | | |
| 0 | 8 | Variety of seeds used<br>Improved → 1 Indiginous → 2 | | | | | | |
| 0 | 9 | If Indignous seed was used what was the quantity<br>(for Cereals, Pulses & Oilseeds only) | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 1 | 0 | If Improved seed was used, what was the quantity<br>(for Cereals, Pulses & Oilseeds only) | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 1 | 1 | If Improved seed was used what was the cost/price<br>(for Cereals, Pulses & Oilseeds only) | Birr sent | Birr sent | Birr sent | Birr sent | Birr sent | Birr sent |
| 1 | 2 | was the crop Damaged<br>Yes → 1 No → 2 | | | | | | |
| 1 | 3 | If, yes, what was the<br>major cause of Damage | Reason Code | Reason Code | Reason Code | Reason Code | Reason Code | Reason Code |
| 1 | 4 | percentage of Damage | | | | | | |
| 1 | 5 | Any control/ preventive measure<br>Taken for crop damage → 1 → 2 | | | | | | |
| 1 | 6 | If yes, what type of measure<br>Chemical → 1 Both → 3<br>Non-chemical → 2 | | | | | | |
| 1 | 7 | If chemical Insecticide<br>Insecticide → 1 1&3 → 5<br>Herbicide → 2 2&3 → 6<br>Fungicide → 3 All → 7<br>1&2 → 4 | | | | | | |
| 1 | X | Was the field fertilized<br>yes → 1 No → 2 | | | | | | |
| 1 | 9 | If fertilized what type?<br>Natural → 1 Both → 3<br>Chemical → 2 | | | | | | |
| 2 | 0 | One main Reson for not using Chemical fertilizer | Reason Code | | | Reason Code | | |
| 2 | 1 | If chemical fertilizer used<br>21.1 Type<br>Urea → 1 Both → 3<br>Dap → 2 | | | | | | |
| | | 21.2 Quantity in kg | Kg. Gram | | | Kg. Gram | | |
| 2 | 2 | If natural fertilizer used mainly what type<br>Manure → 1 Both → 3<br>Compost → 2 Others → 4<br>( If others specify) | | | | | | |

RURAL

Form EASE -94/3D

# Ethiopian Agricultural Sample Enumeration

## List of Fields Under Other Land Use (Fields not occupied by any type of Crop)

## (Mehere Season) - 2001/02 (1994 E.C.)

part I- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmer's Association | Enumeration Areas | Household Nubber | Holder Number | Holder's Name | Age | Sex: male → 1, Female → 2 | Type of Holding: Crop → 1, Crop → 2, Crop → 3 |
| | | | | | | | | | | |

Part II - Other Land UTILIZATION and Local Area Measurment units

| 1 sr. NO. | 2 Parcel | 3 Land Use | 4 Type of Land use | 5 code | 6 Type of owner ship: Private → 1, Rented/contrat → 2, Other → 3 | 7 code | 8 Area in Local unit: Local unit NAME | 9 code | 10 Area |
|---|---|---|---|---|---|---|---|---|---|
| 01 | | | | | | | | | |
| 02 | | | | | | | | | |
| 03 | | | | | | | | | |
| 04 | | | | | | | | | |
| 05 | | | | | | | | | |
| 06 | | | | | | | | | |
| 07 | | | | | | | | | |
| 08 | | | | | | | | | |
| 09 | | | | | | | | | |
| 10 | | | | | | | | | |

Rural

From EASE 94/4

# Ethiopian Agricultral Sample Enumeration
# Assessment of Crop Conditions - 2001/02 (1994 E.C.)

*NOTE:- This Form should be Filled Out For Mixed Crops According to their Type in Pure Stands*

## Part I - Identification Particulars

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Crop Name |
| | | | | | |

## Part II - Assessment of Crop Conditions (For Meher Season)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Crop Productivity Compared to Last Year | | | | | | |
| Sr. No. | Name of Holder | Household ID Number | Holder ID Number | Number of Fields | Increase =1 Equal / No change =2 Decrease =3 | If Increase Quantity in Percent | If Decrease: Quantity In Percent | If Decrease: One Major Reason for Decrease | Code | Change In Percent | Remarks |
| 0 1 | | | | | | | | | | | |
| 0 2 | | | | | | | | | | | |
| 0 3 | | | | | | | | | | | |
| 0 4 | | | | | | | | | | | |
| 0 5 | | | | | | | | | | | |
| 0 6 | | | | | | | | | | | |
| 0 7 | | | | | | | | | | | |
| 0 8 | | | | | | | | | | | |
| 0 9 | | | | | | | | | | | |
| 1 0 | | | | | | | | | | | |
| 1 1 | | | | | | | | | | | |
| 1 2 | | | | | | | | | | | |
| 1 3 | | | | | | | | | | | |
| 1 4 | | | | | | | | | | | |
| 1 5 | | | | | | | | | | | |
| 1 6 | | | | | | | | | | | |
| 1 7 | | | | | | | | | | | |
| 1 8 | | | | | | | | | | | |

Rural

FORM EASE-94/5

# Ethiopian Agricultural Sample Enumeration
# Area under Crop Fields and Other Land Uses
# (1994 E.C)

## Part 1: Identification Particular

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|
| Kilil | Zone | Wereda | FA | EA | Household ID NO | Holder ID.No. | Name of Holder |
| | | | | | | | |

| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|
| Parcel No. | Field No. | The Field or other land used<br>Field Under Temp/Veg/Root Crops → 1<br>Permanent → 2<br>Mixed → 3<br>Other land use → 4 | SR. No. | Name of Crop or Type of Land use | If in col.11 code 1,2 or 3 Quantity of prod. In Local unit | | Area in Percentage share for each Crop (If in Col. 11 Code 3) |
| | | cod | | | Identification particulars | | |
| | | | | code | Name | Code / Quantity | |
| | | | 1 | | | | |
| | | | 2 | | | | |
| | | | 3 | | | | |

## Part II. Area Measurement Result

| 1 | | 2 | 3 | | 4 | 5 |
|---|---|---|---|---|---|---|
| The field or other land use<br>Date of measurement | | Area in Sq.m. | Area in Local Units | | | Reason if area Measurment not conducted |
| | | | Name of Local Area Unit | code | Area | Code |
| Date | Month | | | | | |
| | | | | | | |

## Part III. Bearing and Distances of the Measured Area

| Side ID | A-B | B-C | C - | D - | E - | F- | G- |
|---|---|---|---|---|---|---|---|
| Bearing | | | | | | | |
| Distanse of | | | | | | | |
| Side ID | H - | I - | J - | K - | L - | M- | N- |
| Bearing | | | | | | | |
| Distances of | | | | | | | |
| Side ID | O - | P- | Q- | R- | S- | T- | U- |
| Bearing | | | | | | | |
| Distance of | | | | | | | |

Rural

FORM EASE-R-94/6

# Ethiopian Agricultural Sample Enumeration
# List and Selection of Crop Fields - 2001/02 (1994 E.C.)

## Part I- Identification Particulars

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers Association | Enumeration Area | Household ID Number | Holder ID Number | Holder Name | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop =1<br>Livestock =2<br>Both =3 |
| | | | | | | | | | | |

## Part II- Selection of Fields for and Crop Cutting Experiment

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serial No. of | | Type of Crop<br>Temporary =1<br>Vegetable/ Root =2<br>Permanent =3<br>Mixed =4 | Crop Name* | Name of Crops | | | | | | | | | | | | | | | | | | | |
| Parcel | Field | | CODE | FIELD No. | SL.FIEL No. | FIELD No. | SL.FIEL No. | FIELD No. | SL.FIELD No. | FIEL No. | SL.FIEL No. | FIELD No. | SL.FIELD No. | FIELD No. | SL.FIELD No. | FIELD No. | SL.FIEL No. | FIEL No. | SL.FIEL No. | FIELD No. | SL.FIEL No. | FIELD No. | SL.FIELD No. |
| | | | | | | | | | | | | | | | | | | | | | | | |

*NOTE:- * ALL FIELDS UNDER ANY TYPE OF CROP SHOULD BE LISTED*

Rural

Form EASE-R- 94/7A

# Ethiopian Agricultural Sample Enumeration
# Crop Cutting Results - Temporary Crops 2001/02 (1994 E.C.)
## (Peasant Holdings)

**Part I - Identification particulars**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers Association | Enumeration Area | Household ID Number | Holder ID Number | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop = 1<br>Livestock = 2<br>Both = 3 |
| | | | | | | | | | | |

**Part II - Details of Crop Cutting (For Temporary Crops only) (Excluding Vegetables and Root Crops)**

| 1 | 2 | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | 9 | | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serial No. Of | | Crop Name | | Date of Harvest | | Fresh Weight | | Date of Recording Dry Weight | | Dry Weight | | Was Crop Damaged? | | | | Type of Crop Stand<br>Pure =1<br>Mixed =2 |
| | | | | | | | | | | | | Yes =1<br>No =2 | If yes, Reason for Damage | | Percentage Damaged | |
| Parcel | Field | | Code | Day | Month | Kg. | Grams | Day | Month | Kg. | Grams | | | Code | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
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Rural

Form EASE-R- 94/7B

# Ethiopian Agricultural Sample Enumeration
# Crop Cutting Results - Vegetables and Root Crops - 2001/02 - (1994 E.C )
# (Peasant Holding)

## PART I - IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household I Number | Holder ID Number | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop = 1<br>Livestock = 2<br>Both = 3 |
| | | | | | | | | | | |

## PART II - DETAILS OF CROP CUTTING OF PLOT PERPARATION (FOR VEGETABLES AND ROOT CROPS)

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | For Rows only | | | For Broad Cast only | | | | |
| | | | | | | Selected Random Rows | | Random Distance in Meter for the Selected Rows from Starting Point | | | | From starting point to the center of the field | |
| Ser. No. | Parcel No. | Field No. | Crop Name | Code | Planting Pattern<br>Rows =1<br>Broad cast=2 | Serial N0 | Distance in meter | | Largest Field Side in meter | Random Distance in Meter for the Largest Side from Starting Point | Shortest Side Distance in Meter | Shortest Side Random Distance in Meter | Shortest Side Bearing |
| 0 1 | | | | | | | | | | | | | |
| 0 2 | | | | | | | | | | | | | |
| 0 3 | | | | | | | | | | | | | |
| 0 4 | | | | | | | | | | | | | |
| 0 5 | | | | | | | | | | | | | |
| 0 6 | | | | | | | | | | | | | |
| 0 7 | | | | | | | | | | | | | |
| 0 8 | | | | | | | | | | | | | |
| 0 9 | | | | | | | | | | | | | |
| 1 0 | | | | | | | | | | | | | |

## PART III - CROP CUTTING RESULT ( FOR VEGETABLES AND ROOT CROPS )

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | For Rows Only | | | From 1m x 1m (for Broad cast) or 1m x 2 Rows ( for Rows) Plot No. of Fruits and Quantity Harvested | | | | | | | |
| | | | | | | Distance Between five or Below five Rows | | Plant Category A = 1 Catatory B = 2 | First Visit | | Second Visit | | Third visit | | Grand Total | |
| Line No. | Parcel No. | Field No. | Crop Name | Code | Planting Pattern<br>Row =1<br>Broad cast=2 | No. of Rows | Total distance in Meter | | No. of Fruits | | No. of Fruits | | No. of Fruits | | No. of Fruits | |
| | | | | | | | | | Code | Quantity | Weight in Kg. | Quantity | Weight in Kg. | Quantity | Weight in Kg. | Quantity | Weight in Kg. |
| 0 1 | | | | | | | | | | | | | | | | | |
| 0 2 | | | | | | | | | | | | | | | | | |
| 0 3 | | | | | | | | | | | | | | | | | |
| 0 4 | | | | | | | | | | | | | | | | | |
| 0 5 | | | | | | | | | | | | | | | | | |
| 0 6 | | | | | | | | | | | | | | | | | |
| 0 7 | | | | | | | | | | | | | | | | | |
| 0 8 | | | | | | | | | | | | | | | | | |
| 0 9 | | | | | | | | | | | | | | | | | |
| 1 0 | | | | | | | | | | | | | | | | | |

Form EASE -R- 94/7C

# Ethiopian Agricultural Sample Enumeration
# Crop Cutting Results - Permanent Crops 2001/02 (1994 E.C.)

**Part I- Identification Particulars**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household ID Number | Holder ID Number | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop = 1<br>Livestock = 2<br>Both = 3 |
| | | | | | | | | | | |

**Part II- Details of Crop-Cutting (For Permanent Crops) (Excluding Coffee, Chat and Gesho)**

| 1 | 2 | 3 | | 4 | 5 | 6 | | 7 | 8 | 9 | | 10 | 11 | 12 | | 13 | 14 | 15 | | 16 | 17 | 18 | | 19 | 20 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Serial No. Of | | Fruit Type Picked | | | FIRST VISIT | | | SECOND VISIT | | | | THIRD VISIT | | | | FOURTH VISIT | | | | FIFTH VISIT | | | | TOTAL | | |
| Parcel | Field | | Code | Date | Number | Weight Kg. | Weight Gm. | Date | Number | Weight Kg. | Weight Gm. | Date | Number | Weight Kg. | Weight Gm. | Date | Number | Weight Kg. | Weight Gm. | Date | Number | Weight Kg. | Weight Gm. | Number | Weight Kg. | Weight Gm. |
| | | Orange | 47 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Banana | 42 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Lemon | 44 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Papaya | 48 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mango | 46 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Guava | 65 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Avocado | 84 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Sugar cane | 76 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Pineapple | 49 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

**PART III- DETAILS OF CROP-CUTTING FOR COFFEE, CHAT AND GESHO**

| 1 | 2 | 3 | | 4 | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SERIAL No. OF | | FRUIT / TWIGS PICKED | | NUMBER OF TREES PICKED | FIRST VISIT DATE / / | | | | SECOND VISIT DATE / / | | | | WEIGHT OF COFFEE FRUITS DRIED AND BEANS (KG)<br>THIRD VISIT DATE / / | | | | FOURTH VISIT DATE / / | | | | TOTAL | | | |
| | | | | | DATE WEIGHED / / | | | | DATE WEIGHED / / | | | | DATE WEIGHED / / | | | | DATE WEIGHED / / | | | | FRUITS | | BEANS | |
| | | | | | FRUITS | | BEANS | | FRUITS | | BEANS | | FRUITS | | BEANS | | FRUITS | | BEANS | | | | | |
| PARCE | FIELD | | CODE | | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS | KG. | GRAMS |
| | | COFFEE | 72 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | WEIGHT OF FRESH AND DRY TWIGS (KG)<br>FIRST VISIT | | | | SECOND VISIT | | | | THIRD VISIT | | | | FOURTH VISIT | | | | TOTAL | | | |
| | | | | | DATE / / | | DATE / / | | DATE / / | | DATE / / | | DATE / / | | DATE / / | | DATE / / | | DATE / / | | FRESH | | DRY | |
| | | | | | FRESH | | DRY | | FRESH | | DRY | | FRESH | | DRY | | FRESH | | DRY | | | | | |
| | | GESHO | 75 | | | | | | | | | | | | | | | | | | Date / / | | | |
| | | CHAT | 71 | | Date / / | | | | Date / / | | | | Date / / | | | | Date / / | | | | | | | |

Rural

Form EASE-94/8

# Ethiopian Agricultural Sample Enumeration
# Livestock and Honey Production-2001/2002 (1994 E.C)

## PART I - Idetification Particulars

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| REGION | ZONE | WEREDA | FARMERS' ASSOCIATION | ENUMERATION AREA | HOUSEHOLD ID. No | HOLDER ID. No | HOLDER'S NAME | Age | Sex Male=1 Female=2 | TYPE OF HOLDING CROP = 1 LIVESTOCK = 2 BOTH = 3 |
| | | | | | | | | | | |

## PART II-LIVESTOCK, BEEHIVES AND LIVESTOCK PRODUCTS

**Question No I- Did you have livestock, And/or beehives on February 8, 2002?**

| | |
|---|---|
| Yes → 1 Complete questions below<br>No → 2 Complet question No II | ☐ |

### Number of Cattle in Age & Purpose on February 8/2002

| | None | Total | Male | Femal |
|---|---|---|---|---|
| **1. Cattle of all ages on February 8,2002** | | 1 | 2 | 3 |
| a. Cattle < 6 months | | 4 | 5 | 6 |
| b. Cattle 6 months & <1 years old | | 7 | 8 | 9 |
| c. Cattle 1 year to <3 years old | | 10 | 11 | 12 |
| d. Cattle 3 years to < 10 years | | 13 | 14 | 15 |
| (1) Beef Cattle (for meat production purpose) | | 16 | 17 | 18 |
| (2) For breeding purpose | | 19 | 20 | 21 |
| (3) Dairy cows | | 22 | | 23 |
| (4) Cows gave milk for the last 12 months | | 24 | | 25 |
| (5) Draft Cattle (for work purpose) | | 26 | 27 | 28 |
| (6) Cattle for other purposes | | 29 | 30 | 31 |
| e. Cattle 10 years and older | | 32 | 33 | 34 |
| f. Grand Total | | 35 | 36 | 37 |
| 1. Total Local breed | | 38 | 39 | 40 |
| 2. Total Exotic | | 41 | 42 | 43 |
| 3. Total Hybrid | | 44 | 45 | 46 |

## Number of Sheep in Age & Purpose on February 8/2002

| | | None | Total | Male | Female |
|---|---|---|---|---|---|
| **2. SHEEP of all ages on February 8, 2002** | | | 47 | 48 | 49 |
| a. Sheep < 6 months | | | 50 | 51 | 52 |
| b. Sheep 6 months & < 1 years old | | | 53 | 54 | 55 |
| c. Sheep 1 year to < 2 years old | | | 56 | 57 | 58 |
| d. Sheep 2 years and older | | | 59 | 60 | 61 |
| (1) Sheep for meat (slaughter purpose) | | | 62 | 63 | 64 |
| (2) Sheep for wool only | | | 65 | 66 | 67 |
| (3) Sheep for breeding purpose only | | | 68 | 69 | 70 |
| (4) Sheep for other purposes | | | 71 | 72 | 73 |
| e. Grand Total | | | 74 | 75 | 76 |
| 1. Total Local breed | | | 77 | 78 | 79 |
| 2. Total Exotic | | | 80 | 81 | 82 |
| 3. Total Hybrid | | | 83 | 84 | 85 |

## Number of Goats in Age & Purpose on February 8/2002

| | | None | Total | Male | Female |
|---|---|---|---|---|---|
| **3. GOATS of all ages on February 8, 2002** | | | 86 | 87 | 88 |
| a. Goats < 6 months | | | 89 | 90 | 91 |
| b. Goats 6 months & < 1 year old | | | 92 | 93 | 94 |
| c. Goats 1 year to < 2 years old | | | 95 | 96 | 97 |
| d. Goats 2 years and older | | | 98 | 99 | 100 |
| (1) Goats for meat (slaughter purpose) | | | 101 | 102 | 103 |
| (2) Dairy Goats | | | 104 | | 105 |
| (3) Goats for breeding purpose only | | | 106 | 107 | 108 |
| (4) Goats for other purposes | | | 109 | 110 | 111 |
| e. Grand Total | | | 112 | 113 | 114 |
| 1. Total Local breed | | | 115 | 116 | 117 |
| 2. Total Exotic | | | 118 | 119 | 120 |
| 3. Total Hybrid | | | 121 | 122 | 123 |

## Number of Pigs by age & purpose on February 8, 2002

| | None | Total | Male | Female |
|---|---|---|---|---|
| 4. Total Pigs | | 124 | 125 | 126 |
| a. below 6 months | | 127 | 128 | 129 |
| b. 6 months & above | | 130 | 131 | 132 |
| b.1. For meat Purpose | | 133 | 134 | 135 |
| b.2. Pigs for other purpose | | 136 | 137 | 138 |

## Number of Horses, Asses,Mules & Camels in Age and Purpose (Feb. 9,2001-Feb. 8, 2002)

| | None | Total | Male | Female |
|---|---|---|---|---|
| **5. HORSES of all ages** | | 139 | 140 | 141 |
| a. Horses <3 years old | | 142 | 143 | 144 |
| b. Horses 3 Years and older | | 145 | 146 | 147 |
| b1) Horses used primarily for draft purpose | | 148 | 149 | 150 |
| b2) Horses for Transportation | | 151 | 152 | 153 |
| b3) Horses for other purpose | | 154 | 155 | 156 |
| 6. MULES of all ages | | 157 | 158 | 159 |
| a. Mules <3 years old | | 160 | 161 | 162 |
| b. Mules 3 years older | | 163 | 164 | 165 |
| b1) Mules used primarily for draft purpose | | 166 | 167 | 168 |
| b2) Mules for Transportation purposes | | 169 | 170 | 171 |
| b3) Mules for Other Purpose | | 172 | 173 | 174 |
| 7. ASSES of all ages | | 175 | 176 | 177 |
| a. Asses <3 years old | | 178 | 179 | 180 |
| b. Asses 3 years and older | | 181 | 182 | 183 |
| b1) Asses used for draft purpose | | 184 | 185 | 186 |
| b2) Asses for Transportation purposes. | | 187 | 188 | 189 |
| b3) Asses for Other Purpose | | 190 | 191 | 192 |
| 8. CAMELS of all ages | | 193 | 194 | 195 |
| a. Camels <4 years old | | 196 | 197 | 198 |
| b. Camels 4 years and older | | 199 | 200 | 201 |
| b1) Camels for slaughter | | 202 | 203 | 204 |
| b2) Camels used for draft purpose | | 205 | 206 | 207 |
| b3) Camels for milk purpose | | 208 | | 209 |
| b4) Camels for Transportation purposes | | 210 | 211 | 212 |
| b5) Camels for other purposes | | 213 | 214 | 215 |

## CHICKENS

**9. CHICKENS Total on February 8, 2002**

| | None | | |
|---|---|---|---|
| a. Laying hens (over 20 weeks old) | | 216 | |
| b. Non-laying hens ( over 20 weeks old) | | 217 | |
| c. Cocks - males ( over 20 weeks old) | | 218 | |
| d. Cockerels (8 weeks to 20 weeks old) | | 219 | |
| e. Pullets (8 weeks to 20 weeks old) | | 220 | |
| f. Chicks ( below 8 weeks old) | | 221 | |
| | | 222 | |

**Question No II: Did you have livestock, chickens, and/or beehives for the last 12 months (Feb. 9, 2001-Feb.8,2002)?**

Yes ⟶ 1 Complet question below ☐

No ⟶ 2 Complet question No. 11 'c' and 'g' only

**10. HONEY BEE COLONIES on February 8, 2002**

| | None | | |
|---|---|---|---|
| a. Traditinal beehives | | 223 | |
| b. Intermediate beehives | | 224 | |
| c. Modern beehives | | 225 | |
| | | 226 | |

## MILK, EGG AND HONEY PRODUCTION FOR THE LAST 12 MONTHS (Feb. 9, 2001-Feb. 8, 2002)

**11. Dairy cows & camels**

| | None | | |
|---|---|---|---|
| a. Dairy cows gave milk | | 227 | |
| b. Lactation period of cows (in months) | | 228 | |
| c. Average milking month in a caw (traditional) | | 229 | |
| d. Milk production - per day per dairy cow in litres | | 230 | |
| e. Dairy camels gave milk | | 231 | |
| f. Lactation period of camels (in months) | | 232 | |
| g. Average milking month in a camel (traditional) | | 233 | |
| h. Milk production - per day per camel in litres | | 234 | |

**12. Egg production - per hen per clutch**

| | None | | |
|---|---|---|---|
| **'In nearest hole number of eggs** | | 235 | |
| **13. Average number of clutches (in days)** | | 236 | |

**14. Honey production per beehive per year (Feb. 9, 2001 - Feb. 8, 2002) in Kg.**

| | None | | |
|---|---|---|---|
| a. Average honey production from traditional beehive per season per beehive | | 237 | |
| Frequency of production per year per beehive. | | 238 | |
| b. Average honey production from intermediate beehive per season per beehive | | 239 | |
| Frequency of production per year per beehive. | | 240 | |
| c. Average honey production from modern beehive per season per beehive | | 241 | |
| Frequency of production per year per beehive. | | 242 | |

**15. Livestock diseases & treatment Feb. 9, 2001-Feb. 8,2002)**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 |
|---|---|---|---|---|---|---|---|---|
| Sr. No. | Type of **Livestock** | Total Vaccinated | Total Affected | Total Treated | Total Died | Major cause of death | Code 271 272 | Remark |
| 1 | Cattle | | | | | | | |
| 2 | Sheep | | | | | | | |
| 3 | Goats | | | | | | | |
| 4 | Equines | | | | | | | |
| 5 | Camels | | | | | | | |
| 6 | Pigs | | | | | | | |
| 7 | Chickens | | | | | | | |

**16. Source of Livestock feed**

| 1 | 2 | | 3 | | 4 |
|---|---|---|---|---|---|
| Sr. No. | TYPE OF FEED | Code | USE YES = 1 NO = 2 | Code | IF YES, PERCENT |
| 1 | Natural grazing | 1 | | | |
| 2 | Crop Residue | 2 | | | |
| 3 | Improved pasture | 3 | | | |
| 4 | Hay | 4 | | | |
| 6 | Oil seed(noug cake) | 5 | | | |
| 7 | Other | 6 | | | |

Rural

Form EASE -R- 94/9

# Ethiopian Agricultural Sample Enumeration
# Use of Crop, Livestock and Products - 2000/01 (1994 E.C.)
# (Peasant Holding)

| Job ID | 1 | 2 | 3 |
|---|---|---|---|
| | | | |

## Part I - Identification Particulars

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household ID. No. | Holder ID No. | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop =1<br>Livestock =2<br>Both =3 |
| | | | | | | | | | | |

## Part II - Crop Usage Proportions (Percentages)

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Name of Crop | Code | Household Consumption | Proportions of Total Product For: Seed | Sale* | Wages in Kind | Animal Feed | Other (Gifts ...) | Total |
| 0 1 | | | | | | | | | |
| 0 2 | | | | | | | | | |
| 0 3 | | | | | | | | | |
| 0 4 | | | | | | | | | |
| 0 5 | | | | | | | | | |
| 0 6 | | | | | | | | | |
| 0 7 | | | | | | | | | |
| 0 8 | | | | | | | | | |
| 0 9 | | | | | | | | | |
| 1 0 | | | | | | | | | |
| 1 1 | | | | | | | | | |
| 1 2 | | | | | | | | | |
| 1 3 | | | | | | | | | |
| 1 4 | | | | | | | | | |
| 1 5 | | | | | | | | | |

## Part III - Livestock Product Usage Proportions (Percentages)

| 1 | 2 | | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| SR. No. | Name of Livestock & Livestock Products | Code | Proportions in Percentage: Household Consumptio | Sale* | Wages in Kind | Others (Gifts ... ) | Total |
| 0 1 | | | | | | | |
| 0 2 | | | | | | | |
| 0 3 | | | | | | | |
| 0 4 | | | | | | | |
| 0 5 | | | | | | | |
| 0 6 | | | | | | | |
| 0 7 | | | | | | | |
| 0 8 | | | | | | | |
| 0 9 | | | | | | | |
| 1 0 | | | | | | | |
| 1 1 | | | | | | | |
| 1 2 | | | | | | | |
| 1 3 | | | | | | | |
| 1 4 | | | | | | | |
| 1 5 | | | | | | | |

*For sale includes the part of products that the holder sold for purchase of agricultural inputs, family clothings, ... etc.

Form NASE 94/10

# Ethiopian Agricultural Sample Enumeration
# Miscellaneous Questions - 2001/02 (1994 E.C.)

## PART I- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household ID No. | Holder ID No. | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop =1<br>Livestock =2<br>Both =3 |
| | | | | | | | | | | |

## PART II - MISCELLANEOUS QUESTIONS

| Q. No | | Code |
|---|---|---|
| 1. | Do you practice crop rotation on your holding? Yes = 1 No = 2 | |
| 2. | Do you practice burning of soil to increase fertility of the soil on your holding? Yes = 1 No = 2 | |
| 3. | If practice irrigation, what is the source of irrigation water? River = 1 Lake = 2 Pond = 3 Others = 4 Not Used = 5 | |
| 4. | Have you used hired labour on you holding during this agricultural year? (last 12 months) Yes = 1 No = 2 | |
| 5. | How many persons were engaged on the holding other than the holder ? (Last 12 /mths) | Number: Male / Female / Total |
| 5.1 | permanent paid workers ( full time) | |
| 5.2 | Temporary (seasonal paid workers) | |
| 5.3 | Unpaid family workers | |
| 5.4 | partners (share holders paid/ unpaid) | |
| 5.5 | Total persons engaged at any time of the year | |
| 6. | Which ploughing practice do you use on your holding? | |
| 6.1 | Hand dug = 1 | |
| 6.2 | Oxen /horse driven /pulling = 2 | |
| 6.3 | Mechanized /Tractor = 3 | |
| 6.4 | Both hand dug & oxen/ Horse driven = 4 | |
| 6.5 | Both Oxen/Horse driven & Mechanized = 5 | |
| 7. | What method do you practice to, preserve soil against degradation or erosion? | |
| | Terracing = 1 | |
| | Water catchment = 2 | |
| | Afforestation = 3 | |
| | Ploughing along the contour = 4 | |
| | Others /Specify/ = 5 | |
| | Do not practice = 6 | |
| 8. | Have you ever been included in the extension package program? Yes = 1 No = 2 | |
| 9. | If yes in 8, which extension package? | |
| | Rain abundant areas extension package = 1 | |
| | Rain shortage areas extension package = 2 | |
| | Post harvest technology " " = 3 | |
| | Economically important crops " " = 4 | |
| | Livestock development " " = 5 | |
| | Any two of the above = 6 | |

| Q. No | | Code |
|---|---|---|
| 10. | If the answer is 6 in 9, specify | |
| 11. | If Yes in 8, when? Specify | |
| 12. | What percentage of your holding is under the extension package/ (excluding livestock) | |
| 13. | For which crop are you useing the extension package? specify | |
| 14. | If No in 8, why? specify | |
| 15. | Are you beneficiary of Credit facilities for agricultural activities Yes =1 No = 2 | |
| 16 | Advisory services Yes = 1 No = 2 | |
| 17 | Where do you get chemical fertilizer? Government Enterprise =1 Private Enterprise =2 Private Seller =3 Others (Specify) =4 Not Purchased =5 | |
| 18 | How much do you buy 50 kg Urea? | Birr / Cent |
| 19 | How much do you buy 50 kg Dap? | Birr / Cent |
| 20 | How far do you go to Purchase Fertilizer? | kilo meter |
| 21 | How much time do man & women spend in the household on each of the following agricultural activities? use the codes given below the table*. | Male / Female |
| 21.1 | Tilling | |
| 21.2 | Sowing | |
| 21.3 | Weeding | |
| 21.4 | Harvesting | |
| 21.5 | Feeding /Treating | |
| 21.6 | Milking | |
| 21.7 | Marketing of agricultural products | |

* Not Participated = 1
One fourth of the time (1/4) = 2
One half of the time (1/2) = 3
Three fourth of the time (3/4) = 4
Full time = 5
Not applicable = 6

Rural

Form EASE-R- 94/11

# Ethiopian Agricultural Sampe Enumeration
# Farm Implements, Work Animals And Storage Facilities - 2001/02 (1994 E.C.)

## PART I- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers' Association | Enumeration Area | Household ID No. | Holder ID No. | Name of Holder | Age | Sex<br>Male =1<br>Female =2 | Type of Holding<br>Crop =1<br>Livestock =2<br>Both =3 |
| | | | | | | | | | | |

## PART II- FARM IMPLEMENTS, WORK ANIMALS, AND STORAGE FACILITIES

2.1 Farming Implements

| 1 | 2 | | 3 | 4 | | 5 | | 6 | 7 | 8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Line No. | Name of Implement | Code | Number Owned | Replacement Value (cost per unit) | | Total Value | | Average Age of Service (years) | Do you rent Farm Implements?<br>Yes =1<br>No =2 | If Yes,enter Rate /day | |
| | | | | Birr | Ct. | Birr | Ct. | | | Birr | Ct. |
| 01 | Axe | 01 | | | | | | | | | |
| 02 | "Gejera" | 02 | | | | | | | | | |
| 03 | Hoe | 04 | | | | | | | | | |
| 04 | Shovel | 05 | | | | | | | | | |
| 05 | Pick axe | 03 | | | | | | | | | |
| 06 | Plow beam | 06 | | | | | | | | | |
| 07 | Yoke | 07 | | | | | | | | | |
| 08 | " Deger" | 08 | | | | | | | | | |
| 09 | Plow tip (Metal) | 09 | | | | | | | | | |
| 10 | "Wagel" tip | 10 | | | | | | | | | |
| 11 | "Erfe" (handle) | 11 | | | | | | | | | |
| 12 | Harrow | 12 | | | | | | | | | |
| 13 | Sprayer (hand operated) | 17 | | | | | | | | | |
| 14 | Reaper (sickle) | 19 | | | | | | | | | |
| 15 | Trashing stick | 20 | | | | | | | | | |
| 16 | Rake (all wood) | 23 | | | | | | | | | |
| 17 | Rake (any Metal) | 24 | | | | | | | | | |
| 18 | Winnower (wood) | 25 | | | | | | | | | |
| 19 | Winnower (Metal) | 26 | | | | | | | | | |
| 20 | Wheelbarrow | 27 | | | | | | | | | |
| 21 | Carts (hauling) | 28 | | | | | | | | | |
| 22 | Other (specify _____) | | | | | | | | | | |
| 23 | Other (specify _____) | | | | | | | | | | |
| 24 | Other (specify _____) | | | | | | | | | | |
| 25 | Other (specify _____) | | | | | | | | | | |

## 2.2 Work Animals (including those used for transport)

| 1 | 2 | | 3 | 4 | | 5 | | 6 | 7 | 8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Line No. | Name of animal | Code | Number owned | Replacement Value (Cost Per Animal) Birr | Ct. | Total Value Birr | Ct. | Average age of animal? (Years) | Do you rent work Animals? Yes=1 No=2 | If yes rate per day Birr | Ct. |
| 26 | Oxen ( all including cows) | 42 | | | | | | | | | |
| 27 | Donkeys | 43 | | | | | | | | | |
| 28 | Horses | 44 | | | | | | | | | |
| 29 | Mules | 45 | | | | | | | | | |
| 30 | Camels | 46 | | | | | | | | | |
| 31 | Other (specify ) | | | | | | | | | | |
| 32 | Other (specify ) | | | | | | | | | | |
| 33 | Other (specify ) | | | | | | | | | | |
| 34 | Other (specify ) | | | | | | | | | | |

## 2.3 Work Animals used specifically for plowing

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | Oxen for plowing | 42 | | | | | | | | | |
| 36 | Other for plowing | | | | | | | | | | |
| 37 | Other (specify ) | | | | | | | | | | |
| 38 | Other (specify ) | | | | | | | | | | |
| 39 | Other (specify ) | | | | | | | | | | |

## 2.4 Storage Facilities (Buildings)

| 1 | 2 | | 3 | 4 | | 5 | | 6 | 7 | 8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Line No. | Storage facilities | Code | Number owned | Replacement Value (cost per building) Birr | Ct. | Total Value Birr | Ct. | Average storage capacity of buildings? (in Quintals) | Do you rent storage facilities? Yes =1 No =2 | if yes, enter rate per month Birr | Ct. |
| 40 | Modern buildings | 32 | | | | | | | | | |
| 41 | " Gottera" | 33 | | | | | | | | | |
| 42 | " Debegnet" | 34 | | | | | | | | | |
| 43 | Under ground | 35 | | | | | | | | | |
| 44 | Other (specify ) | | | | | | | | | | |
| 45 | Other (specify ) | | | | | | | | | | |
| 46 | Other (specify ) | | | | | | | | | | |
| 47 | Other (specify ) | | | | | | | | | | |

*Note :- Sack, 'Silicha', 'Akumada', Plastic sack etc not used as storage facilities*

Form EASE-R-94/12A

RURAL

# Ethiopian Agricultural Sample Enumeration

## List of Fields Under Temporary Crops (Including Vegetables and Root Crops) and Agricultural Practices (Belg Season) - 2001/02 (1994 E.C.)

Part 1- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|
| Region | Zone | Wereda | Farmers Association | Enumeratio Areas | Household Number | Holder Number | Holder Name | Age | Sex male →1 Female →2 | Type of Holding Crop →1 Livestock →2 Both →3 |
| | | | | | | | | | | |

Part II - Area Under Temporary Crops and Agricultural Practice

| 1 Sr. No. | 2 Questions | 3 Parcel No / Field No. / crop name (code) | 4 Parcel No. / filed NO. / crop name (code) | 5 Parcel No. / filed NO. / crop name (code) | 6 Parcel No. / filed NO. / crop name (code) |
|---|---|---|---|---|---|
| 01 | Type of Holding<br>Private →1 Others →3<br>Rnted /contract →2 | | | | |
| 02 | Field Area in local unit | Local Unit / code / Area | Local Unit / code / Area | Local Unit / code / Area | Local Unit / code / Area |
| 03 | Production in Local Unit | Local Unit / code / Area | Local Unit / Code / Area | Local Unit / code / Area | Local Unit / code / Area |
| 04 | Have the field been included in the extention Package program<br>Yes →1 No →2 | | | | |
| 05 | Was the field Irrigated?<br>Yes →1 No →2 | | | | |
| 06 | Variety of seeds used<br>Improved → 1 Indignores →2 | | | | |
| 07 | (For Cereals,Pulses and Oil seeds only)<br>If indiginous seed was used,<br>What was the total quantity | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 08 | (For Cereals,Pulses and Oil seeds only)<br>If Improved seed was used,<br>what was the total quantity | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 09 | (For Cereals,Pulses and Oil seeds only)<br>If Improved seed was used what was the cost /price | Birr cent | Birr cent | Birr cent | Birr cent |
| 10 | Was the crop Damaged<br>Yes →1 No →2 | | | | |
| 11 | If yes, what was the major cause of damage | Reason code | Reason code | Reason code | Reason code |
| 12 | Percentage of damage | | | | |
| 13 | Any control/protection measure taken for crop damage?<br>Yes →1 No →2 | | | | |
| 14 | If yes, what Type of measure?<br>Chemical →1 Both →3<br>Non chemical →2 | | | | |
| 15 | If chemical<br>Insecticide →1 1&3 →5<br>Herbicide →2 2&3 →6<br>Fungicide →3 All →7<br>1&2 →4 | | | | |
| 16 | Was the field fertilized?<br>Yes →1 No →2 | | | | |
| 17 | If fertilized what type ?<br>Natural →1 Bothe →3<br>Chemical →2 | | | | |
| 18 | One main reason for not using chemical fertilizer | Reason Code | Reason Code | Reason | Reason Code |
| 19 | If chemical fertilizer used<br>19.1 Type<br>Urea →1 Both →3<br>Dap →2 | | | | |
| | 19.2 Quantity in K.g | Kg. Gram | Kg. Gram | Kg. Gram | Kg. Gram |
| 20 | →1 →3<br>→2 Others →4<br>/ If others specify/ → | | | | |

RURAL

# Ethiopian Agricultural Sample Enumeration

Form EASE-R-94/12B

## List of Fields Under Mixed Crops and their Agricultural Practices

## (Belg Season) - 2001/02 (1994 E.C.)

### Part 1- IDENTIFICATION PARTICULARS

| 1 Region | 2 Zone | 3 Wereda | 4 Farmers' Association | 5 Enumeration Areas | 6 Household Number | 7 Holder Number | 8 Holders' Name | 9 Age | 10 Sex (male → 1, Famal → 2) | 11 Type of Holding (Crop → 1, Livestock → 2, Bothe → 3) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |

### Part II - Area Under Mixed Crops and Agricultural Practice

| 1 | 2 Questions | 3 | 4 |
|---|---|---|---|
| | | Parcel No. ____ Field No. ____ | Parcel No. ____ Field No. ____ |
| | | Crop Name / code | Corp Name / code |
| 01 | Type of Holding<br>Private → 1 Others → 3<br>Rented/contract → 2 | | |
| 02 | Have the field been included in the extention pakage program<br>Yes → 1 No → 2 | | |
| 03 | Total Mixed Crop Area in Local Unit | Name of Local Unit / code / Area | Name of Local Unit / code / Area |
| 04 | Production in Local Unit | Production Unit (Local Unit, Code) / Quantity | Production Unit (Local Unit, Code) / Quantity |
| 05 | Percentage shere of Area | Quantity | Quantity |
| 06 | was the field Irrigated<br>yes → 1 No → 2 | | |
| 07 | Variety of seeds used<br>Improved → 1 Indiginous → 2 | | |
| 08 | If Indignous seed was used what was (for Cereals, Pulses & Oilseeds) the quantity | Kg. Gram | Kg. Gram |
| 09 | If Improved seed was used, (for Cereals, Pulses & Oilseeds) what was the quantity | Kg. Gram | Kg. Gram |
| 10 | If Improved seed was used (for Cereals, Pulses & Oilseeds) what was the cost/price | Birr Cent | Birr Cent |
| 11 | was the crop Damaged<br>Yes → 1 No → 2 | | |
| 12 | If, yes, what was the major cause of Damage | Reason / Code | Reason / Code |
| 13 | percentage of Damage | | |
| 14 | Any control/ preventive measure Taken for crop damage → 1 → 2 | | |
| 15 | If yes, what type of measure<br>Chemical → 1 Both → 3<br>Non-chemical → 2 | | |
| 16 | If chemical in 16,<br>Insecticid → 1 1&3 → 5<br>Herbicide → 2 2&3 → 6<br>Fungicide → 3 All → 7<br>1&2 → 4 | | |
| 17 | Was the field fertilized<br>yes → 1 No → 2 | | |
| 18 | If fertilized what type?<br>Natural → 1 Both → 3<br>Chemical → 2 | | |
| 19 | One main Reson for not using Chemical fertilizer | Reason / Code | Reason / Code |
| 20 | If chemical fertilizer used<br>20.1 Type<br>Urea → 1 Both → 3<br>Dap → 2 | | |
| | 20.2 Quantity in Kilo gram | Kg. Gram | Kg. Gram |
| 21 | If natural fertilizer used mainly what type ?<br>Manure → 1 Both → 3<br>Compost → 2 Others → 4<br>/ If others specify/ → | | |

URBAN

FORM EASE -U- 94/2

# Agricultural Households Demographic Characteristics - 2001 /2002 (1994 E.C.)

## PART I- IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|
| REGION | ZONE | WEREDA | TOWN | HIGHER/WEREDA | KEBELE | ENUMERATIO AREA | HOUSEHOLD ID NO. |
| | | | | | | | |

## PART II - DEMOGRAPHIC CHARACTERISTICS OF EACH MEMBER OF THE AGRICULTURAL HOUSEHOLD (STARTING WITH THE HEAD OF THE HOUSEHOLD)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 5 YEARS ANDABOVE | | 10 YEARS AND ABOVE | | | |
| SR. NO. | FULL NAME | IS MEMEBER OF THE HOUSEHOLD A HOLDER Yes =1 No =2 | HOLDER ID | TYPE OF HOLDING CROP =1 LIVESTOCK =2 BOTH =3 | SEX MALE = 1 FEMALE = 2 | RELATION TO THE HEAD OF HOUSEHOLD | AGE (IN COMP-LETED YEARS) | EDUCATIONAL ATTAINMENT (Highest Grade Completed) | MARITAL STATUS NEVER MARRIED = 1 CURRENTLY MARRIED= 2 DIVORCED = 3 WIDOWED = 4 | WERE YOU ENGAGED IN ECONOMIC ACTIVITY DURING THE LAST 12 MONTHS? Yes =1 | IF NOT ENGAGED (IN COL. 11 CODE) ECOMOMIC ACTIVITY WHAT WAS THE MAIN REASON? STUDENT =1 HOME MAKERS =2 HANDICAP =3 OLD AGE/PENSION =4 | IF ENGAGED IN ECONOMIC ACTIVITY WHAT WAS THE MAJOR ACTIVITY? FULLY AGRICULTURE = 1 PARTLY AGRICULTURE = 2 Fully in others =3 | IF IN COLUMN 13, CODE 1 OR 2, EMPLOYMENT STATUS EMPLOYER =1 OWN-ACCOUNT WORKER = 2 EMPLOYEE =3 UNPAID FAMILY WORKER = 4 OTHERS =5 |
| | | code | | code | Code | Code | | Code | Code | No =2 Code | OTHERS =5 Code | Code | Code |
| 0 1 | | | | | | | | | | | | | |
| 0 2 | | | | | | | | | | | | | |
| 0 3 | | | | | | | | | | | | | |
| 0 4 | | | | | | | | | | | | | |
| 0 5 | | | | | | | | | | | | | |
| 0 6 | | | | | | | | | | | | | |
| 0 7 | | | | | | | | | | | | | |
| 0 8 | | | | | | | | | | | | | |
| 0 9 | | | | | | | | | | | | | |
| 1 0 | | | | | | | | | | | | | |

| | |
|---|---|
| Head | = 1 |
| Spouse | = 2 |
| Son/Daughter of head & spouse | = 3 |
| Son/Daughter of head | = 4 |
| Son/Daughter of spouse | = 5 |
| Mother/Father of head/spouse | = 6 |
| Sister/Brother of head/spouse | = 7 |
| Other relatives | = 8 |
| Non relatives | = 9 |

| | |
|---|---|
| Illiterate | = 1 |
| Informal Education | = 2 |
| Grade 1 Completed | = 3 |
| Grade 2 Completed | = 4 |
| Grade 3 Completed | = 5 |
| Grade 4 Completed | = 6 |
| Grade 5 Completed | = 7 |
| Grade 6 Completed | = 8 |
| Grade 7 Completed | = 9 |
| Grade 8 Completed | = 10 |
| Grade 9 Completed | = 11 |
| Grade 10 Completed | = 12 |
| Grade 11 Completed | = 13 |
| Grade 12 Completed | = 14 |
| Grade 12 + | = 15 |

FORM EASE-U-94/3

URBAN

# ETHIOPIAN AGRICULTURAL SAMPLE ENUMERATION

## LIST OF FIELDS UNDER TEMPORARY AND PERMANENT CROPS AND AGRICULTURAL PRACTICES- MEHER SEASON

2001/02 (1994 E.C)

### PART I-IDENTIFICATION PARTICULARS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REGION | ZONE | WEREDA | TOWN | HIGHER/ WEREDA | KEBELE | ENUMERATION AREA | HOUSEHOLD ID. NUMBER | HOLDER ID. NUMBER | HOLDER'S NAME | AGE | SEX M→1 F→2 | TYPE OF HOLDING CROP → 1 LIVESTOCK →2 BOTH → 3 | DID YOU PRODUCE CROP IN BELO SEASON YES → 1 NO → 2 |
| | | | | | | | | | | | | | |

### PART II- AREA UNDER TEMPORARY CROPS AND AGRICULTURAL PRACTICES

| 1 | 2 | 3 | 4 | 5 | 6 | Use of Agricultural Inputs | | | | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Use of fertilizer | | Use of Irrigation | | | | If column 12 is blank | | | If column 15 is blank | |
| Parcel Number | Field Number | Name of crops | Type of Tenure Own → 1 Rented → 2 Others → 3 | Location of field in Urban Boundary Within → 1 Outside → 2 | Type of seeds used Improved seed → 1 Local seed → 2 | Did you use Fertilizer Yes → 1 No → 2 | If yes in column 7 Type of fertilizer Natural → 1 Chemical → 2 Both → 3 | Did you apply Irrigation Yes → 1 No → 2 | If yes in Column 9 Source of water River → 1 Lake → 2 Pool → 3 Pipe water → 4 Others → 5 | Did you use pesticides Yes → 1 No → 2 | Field Area in Square Meters | Area in local units | | Production in kilograms | Production In Local units | |
| | | | | | | | | | | | | Name of Local Units | Area | | Name of Local units | Quantity |
| | | | CODE | | | | | | | | | | | | | |
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Continued

PART III- AREA UNDER PERMANENT CROPS AND AGRICULTURAL PRACTICES

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Use of Agricultural Inputs | | | | | | Number of Trees | | | If column 14 is blank | | | If column 17 is blank | |
| | | | | | | Use of fertilizer | | Use of Irrigation | | | | | | Area in local units | | | Production In Local units | |
| Parcel Number | Field Number | Name of crops | Type of Tenure<br>Own → 1<br>Rented → 2<br>Others → 3 | Location of field in Urban Boundary<br>Within → 1<br>Outside → 2 | Type of seeds used<br>Improved seed* 1<br>Local seed → 2 | Did you use Fertilizer<br>Yes → 1<br>No → 2 | If yes in column 7<br>Type of fertilizer<br>Natural → 1<br>Chemical → 2<br>Both → 3 | Did you apply Irrigation<br>Yes → 1<br>No → 2 | If yes in Column 9<br>Source of water<br>River → 1<br>Lake → 2<br>Pool → 3<br>Pipe water → 4<br>Others → 5 | Did you use pesticides<br>Yes → 1<br>No → 2 | Total trees | Fruit bearing | Field Area In square Meters | Name of Local Units | Area | Production in kilograms | Name of Local units | Quantity |
| | | CODE | | | | | | | | | | | | code | | | Code | |
| | | | | | | | | | | | | | | | | | | |
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