

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY**

**AGRICULTURAL SAMPLE SURVEY
2011 / 2012 (2004 E.C.)**

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VOLUME I

**REPORT ON
AREA AND PRODUCTION OF MAJOR
CROPS**

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)



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STATISTICAL BULLETIN

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ABBREVIATIONS: CV – COEFFICIENT OF VARIATION

E.C. – ETHIOPIAN CALENDAR

S.N.N.P.R. – SOUTHERN NATIONS, NATIONALITIES AND PEOPLES' REGION

PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1. INTRODUCTION

The sound performance of agriculture warrants the availability of food crops. This accomplishment in agriculture does not only signify the adequate acquisition of food crops to attain food security, but also heralds a positive aspect of the economy. In regard to this, collective efforts are being geared to securing agricultural outputs of the desired level so that self reliance in food supply can be achieved and disaster caused food shortages be contained in the shortest possible time in Ethiopia.

The prime role that agriculture plays in a country's political, economic and social stability makes measures of agricultural productions extremely sensitive. Statistics collected on agricultural productions are, therefore, fraught with questions of reliability by data users. To tackle these questions convincingly and dissipate the misgivings of users, information on agriculture has to be collected using standard procedures of data collection.

Upholding this principle, the Central Statistical Agency (CSA) has been furnishing statistical information on the country's agriculture since 1980/81 to alert policy interventionists on the changes taking place in the agricultural sector. As part of this task the 2011/12 (2004 E.C.) Agricultural Sample Survey (AgSS) was conducted to provide data on crop area and production of crops within the private peasant holdings for Meher Season of the specified year. The survey results are presented in this bulletin and other electronic media for data users.

The report comprises three parts. Part I contains the objectives of this annual survey. Part II deals with coverage of the survey, sample design, field organization and method of data collection and Part III includes the survey results. Estimation procedures and formulation of estimates of totals, ratios and variance are presented in Appendix I. Estimates of the standard errors with the corresponding coefficients of variations for area and production of crops are presented in Appendix II. The numbers of agricultural

households covered, number of parcels and fields measured are presented in appendix III and the survey questionnaires in Appendix IV.

1.2. OBJECTIVES OF THE SURVEY

The general objective of CSA's Agricultural Sample Survey (AgSS) is to collect basic quantitative information on the country's agriculture that is essential for planning, policy formulation, monitoring and evaluation of mainly food security and other agricultural activities. The AgSS is composed of four components: Crop Production Forecast Survey, Meher Season Post Harvest Survey (Area and production, land use, farm management and crop utilization), Livestock Survey and Belg Season Survey.

The specific objectives of Meher Season Post Harvest Survey are to estimate the total crop area, volume of crop production and yield of crops for Meher Season agriculture in Ethiopia. The report is based on private peasant holdings in rural sedentary areas of the country and part of companion reports on the performance of agriculture in the country. The report is compiled at regional and zonal level.

PART II

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

2.1. SCOPE AND COVERAGE OF THE SURVEY

The range of data items that the 2011/12 (2004 E.C.) Annual Agricultural Sample Survey (Meher Season) dealt with includes all cereals, pulses and oilseeds and the most commonly grown vegetables, root crops and permanent (perennial) crops. Holders growing at least one or more of these and / or other crops are enumerated and data on crop area and yield condition recorded, hence data on production of these crops acquired.

The 2011/12 (2004 E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,290 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 17 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,273 EAs (99.25 %) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 47,080 agricultural households, however, 45,575 (98.9 %) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective households obtained from the 1999 E.C cartographic census frame was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

2.3 SAMPLE DESIGN

In order to select the sample a stratified two-stage cluster sample design was implemented. Enumeration areas (EAs) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households. The sample size for the 2010/11 agricultural sample survey was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered.

All regions were taken to be the domain of estimation for which major findings of the survey are reported.

2.4 SELECTION SCHEME

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 2007 E.C Population and Housing census frame. From the fresh list of households prepared at the beginning of the survey 20 agricultural households within each sample EA were selected systematically.

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix-I and II respectively. Distribution of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

2.5. ORGANIZATION OF FIELD WORK

The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the Desks that liaises between the Head Office and the 25 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of

enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing.

The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2,394 enumerators, 529 field supervisors and 66 statisticians were involved in the data collection where on the average one supervisor was assigned to five enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 194 four-wheel drive vehicles were used.

2.6. TRAINING OF FIELD STAFF

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data are ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors.

In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at the SNNPR capital Awassa and lasted 7 days targeted staff from the Head Office, statisticians and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and other supervisors for 15 days in all the twenty- five Branch Statistical Offices distributed across the country.

In the training the field staff was given detailed classroom instruction on how to collect data, method of area measurement, interviewing procedures, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS reading and interviewing methods.

2.7. METHOD OF DATA COLLECTION

The agricultural data for the year 2011/12 (2004 E.C.) was collected from sedentary rural peasant households by interviewing the selected agricultural holders and physically measuring their fields to obtain data on crop yields and other items of interest.

The data obtained were recorded in various forms designed for this purpose. Instruments like measuring tape; compass, kitchen balance, scientific calculators, GPS (Oromiya region only) and others were used during data collection for a timely and smooth acquisition of accurate data. The procedures for measuring area under crop and area of non - crop fields operated by the holders were performed for the 30 selected households from each sampled E.A. using measuring tapes and compasses as well as GPS.

2.8. DATA PROCESSING

a) Editing, Coding and Verification

Statistical data editing plays an important role in ensuring the quality of the collected survey data. It minimizes the effects of errors introduced while collecting data in the field, hence the need for data editing, coding and verification. Although coding and editing are done by the enumerators and supervisors in the field, respectively, verification of this task is done at the Head Office.

An editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then 66 editors-coders and verifiers were trained for two days in editing, coding and verification using the aforementioned manual as a reference and teaching aid. The completed questionnaires were edited, coded and later verified on a 100 % basis before the questionnaires were passed over to the data entry unit. The editing, coding and verification exercise of all questionnaires took 18 days.

b) Data Entry, Cleaning and Tabulation

Before data entry, the Agriculture, Natural Resources and Environment Statistics Directorate of the CSA prepared edit specification for the survey for use on personal computers for data consistency checking purposes. The data on the edited and coded questionnaires were then entered into personal computers. The data were then checked

and cleaned using the edit specifications prepared earlier for this purpose. The data entry operation involved about 70 data encoders, 10 data encoder supervisors, 12 data cleaning operators and 55 personal computers. The data entered into the computers using the entry module of the CSPRO (Census and Survey Processing System) software, which is a software package developed by the United States Bureau of the Census. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data ... etc. by the regular professional staff from Agriculture, Natural Resources and Environment Statistics Directorate. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software produced by professional staff from Agriculture, Natural Resources and Environment Statistics Directorate.

2.9. CONCEPTS AND DEFINITIONS

Data items of agriculture have to be distinctly defined and identified, so that the information about the items becomes useful. The correct way of stating data items and related terms is a prerequisite for making standards and definitions for the collection and compilation of agricultural data. The purpose 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 the survey help to maintain consistent enumeration and measurement of variables of interest. To achieve this, CSA communicates concepts and definitions to the field staff through training and instruction manuals. The concepts and definitions used in the survey included the following.

Enumeration Area (E.A): 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 with out 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 with out 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 land use (private holding).

Crop: includes cereals, pulses, oilseeds, vegetables, root crops, fruits, coffee, Enset, Chat, hops, sugarcane, cotton, tobacco, etc produced for food, making drinks, stimulation and making fabrics or clothing.

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

Temporary/Annual Crops: - 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 (Perennial) 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, bananas, etc) and trees for beverages (i.e. coffee, tea, hops (Gesho), etc) are considered permanent crops but meadows and pastures are excluded.

Meher (Main) Season Crop: - any temporary crop harvested between the months of Meskerm (September) and Yekatit (February) is considered as meher season crop.

Belg Season Crop: - any temporary crop harvested between the months of Megabit (March) and Pagume (August) is considered to be Belg Season Crop.

Note:-

1. If in some tables figures do not add up to total it is due to rounding
2. Those area and production designated by “*” in all tables could not be reported because of high coefficient of variation (i.e. they are less reliable). However, they are consolidated in the total estimates.
3. In all tables “-” indicates not reported.

PART III

SUMMARY OF SURVEY RESULTS

3.1 INTRODUCTION

By and large, agriculture in Ethiopia is subsistence. This is particularly true to the major food crops grown in the country and covered in the survey. The major food crops are produced in almost all regions of the country in spite of the variation in volume of production across the regions. The variation may be attributed to the extent of area devoted to each crop type, weather change and a shift in preference for the crops grown.

The food crops on which data is collected are the ones that are commonly grown by the majority of peasant holders. In the statistical tables these crops have been categorized into eight groups for simplicity of description and comparison purposes. The groups are cereals, pulses, oilseeds, vegetables, root crops, fruit crops, stimulant crops and sugar cane. Stimulant crops consist of Chat, coffee and hops.

Crop yield per area (amount of crop harvested per amount of land planted) is the most commonly used impact indicator for agricultural productivity activities. Crop yields are inevitably affected by many factors, these are weather, input price, changes in farming practices, amounts of fertilizer used, quality of seed varieties, and use of irrigation.

3.2 Major Findings of the Year 2011/12 (2004 E.C.), Post-Harvest Crop Production Survey, Meher Season

The results of the year 2011/12 (2004 E.C.), Meher Season Post-harvest Crop Production Survey has been summarized and quantitative information with regard to farm management practice, land use and Utilization agricultural produce will be made available at national, regional and zonal reporting levels, consecutively, following this report. This report, however, presents quantitative information on cropped land area and production of both temporary and permanent crops at Country, regional and zonal reporting levels.

In this section of the report, therefore, brief discussions on the major findings of the Survey are presented as follows.

3.2.1 Grain Crops:- refer to the major crop category that included cereals, pulses and oilseeds, which not only constituted the major food crops for the majority of the country's population but also served as a source of income at household level and a contributor for the country's foreign currency earnings, among others.

The results of the year **2011/12 (2004 E.C.)**, Meher Season Post-harvest Crop Production Survey indicate that a total land area of about **12,086,603.89** hectares are covered by grain crops i.e. cereals, pulses and oilseeds, from which a total volume of about **218,570,429.67** quintals of grains are obtained, from private peasant holdings (See Table 1 below).

Table 1 Total Area and Production of Grain Crops for Private holdings, 2011/12 (2004 E.C.), Meher Season

Crop Category	Total Area in		Total Production in	
	Hectare	%	Qts	%
Cereals.....	9,588,923.71	79.34	188,099,616.95	86.06
Pulses.....	1,616,809.37	13.38	23,162,012.43	10.60
Oil Crop.....	880,870.81	7.29	7,308,800.29	3.34
Grain Crops.....	12,086,603.89	100	218,570,429.67	100

Note:- Assuming the 2010/11 Belg season and commercial farms cropland area and production to be the same in the 2011/12 production year, the country level total crop production of both season from all sectors for the 2011/12 is estimated to be :-

	<u>Grain Crops Area in Ha</u>	<u>Estimated Production in Qts</u>
• Private holdings in 2011/12 Meher Season	12,086,604	218,570,430
• Commercial farms 2011/12 both Seasons	452,244	9,327,412
• Private holdings 2011/12 Belg Season	<u>1,173,048</u>	<u>9,008,231</u>
Grand Total	13,711,896	236,906,073

within the category of grain crops, **Cereals** are the major food crops both in terms of the area they are planted and volume of production obtained. They are produced in larger volume compared with other crops because they are the principal staple crops. Cereals are grown in all the regions with varying quantity as shown in the survey results. The data in Table 2 well underpin this finding of the survey.

Out of the total grain crop area, **79.34%** (9,588,923.71 hectares) was under cereals. Teff, maize, sorghum and wheat took up **22.6%** (about 2,731,111.67 hectares), **17%** (about 2,054,723.69 hectares), **15.92%** (1,923,717.49 hectares) and **11.89%** (1,437,484.73 hectares) of the grain crop area, respectively. As to production, the tables paint similar

picture as that of the area. Cereals contributed **86.06 %** (about **188,099,616.95** quintals) of the grain production. Maize, teff, wheat and sorghum made up **27.77% (60,694,130.14** quintals), **16% (34,976,894.64** quintals), **13.34 % (29,163,336.88** quintals) and **18.08 % (39,512.942.36** quintals) of the grain production, in the same order.

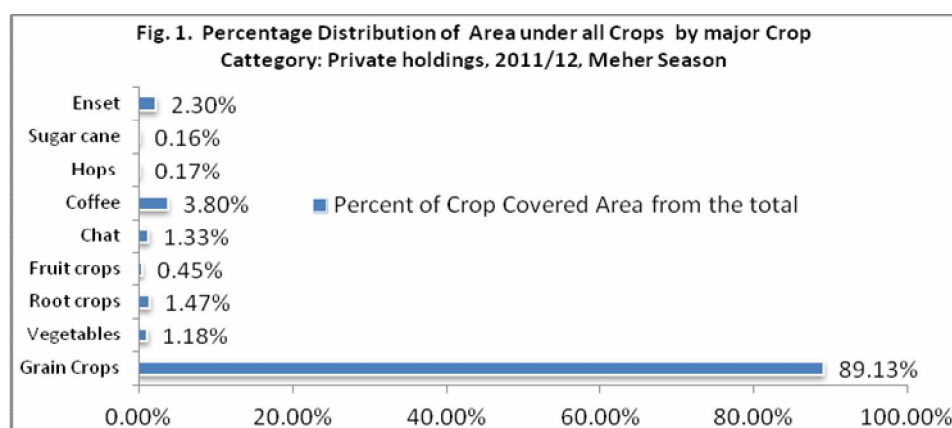
The survey results show that the private peasant holders grow various crops for own consumption and/ or economic benefits. Pulses are also among the various crops produced in all the regions of the country after cereals. Pulses are grown in different volumes across the country as indicated in Table 2.

Pulses grown in **2011/12 (2004 E.C.)** covered **13.38 % (1,616,809.37** hectares) of the grain crop area and **10.6% (about 23,162,012.43** quintals) of the grain production was drawn from the same crops. Faba beans, haricot beans, and chick peas were planted to **3.79 % (about 457,559.94** hectares), **2.74% (about 331,708.15** hectares) and **1.76% (about 231,298.54** hectares) of the grain crop area. The production obtained from faba beans, haricot beans and chick peas was **3.27 % (about 7,147,960.23** hectares), **1.77 % (about 3,878,023.01** hectares) and **1.83 % (4,002,077.19** hectares) quintals of the grain production, in that order.

Oilseeds refer to crops which are also classified within grain crops category, nonetheless. oilseeds are grown to flavour the food consumed at home and earn some cash for peasant holders in the country. Various oil crops are produced in all the regions with differing quantity as illustrated in the survey results. Table 2 underscores this point in detail.

Oilseeds added **7.29 % (about 880,870.81** hectares) of the grain crop area and **3.34 % (about 7,308,800.29** quintals) of the production to the national grain total. Neug, sesame and linseed covered **2.56 % (about 309,010.72** hectares), **2.79 % (about 337,505.41** hectares) and **0.96 % (about 116,541.4** hectares) of the grain crop area and **0.85 % (about 1,863,205.76** quintals), **1.12 % (about 2,447,833.59** quintals) and **0.52 % (about 1,127,607.00** quintals) of the grain production, respectively.

3.2.2 Vegetables- holders living near to urban centres largely practice vegetable farming. Most vegetables are not commonly practiced by the rural private peasant holders, hence the small volume of production recorded as well evidenced by the survey results. Figure 1 underlines this more in the report. Vegetables took up about **1.18%** of the area under all crops at national level. However, Of the total estimated area under vegetables, the lion share which is about **67.98%** and **19.86%** was under red peppers and Ethiopian Cabbage, respectively(See Statistical Table 2). As to production of vegetables contribute 2.78% to all crops production total, conversely,of the total production of vegetables, the same crops have the lion share i.e. about **31.69%** and **42.76%**, in that order.



3.2.3 Root Crops - Some root crops like onion and garlic are indispensable to improve the taste and scent of the food we eat. Others like potatoes, sweet potatoes and taro/ Godere are among the list of major food crops that are consumed across the country. These and other economic importances prompt the peasant holders to grow many of the root crops as shown in the survey results. Table 2 substantiates this point in more details.

Root crops covered more than **1.42%** of the area under all crops and contributed **6.15%** to the production of all crops total in the country(See Figure 1). Nevertheless, Potatoes, sweet potatoes and taro ('Godere') added about **29.77 %**, **25.67 %** and **19.86 %** to the area of the root crop total. The same crops contributed **28.45 %**, **23.35 %** and **18.87 %** to the root crop production total in the same order.

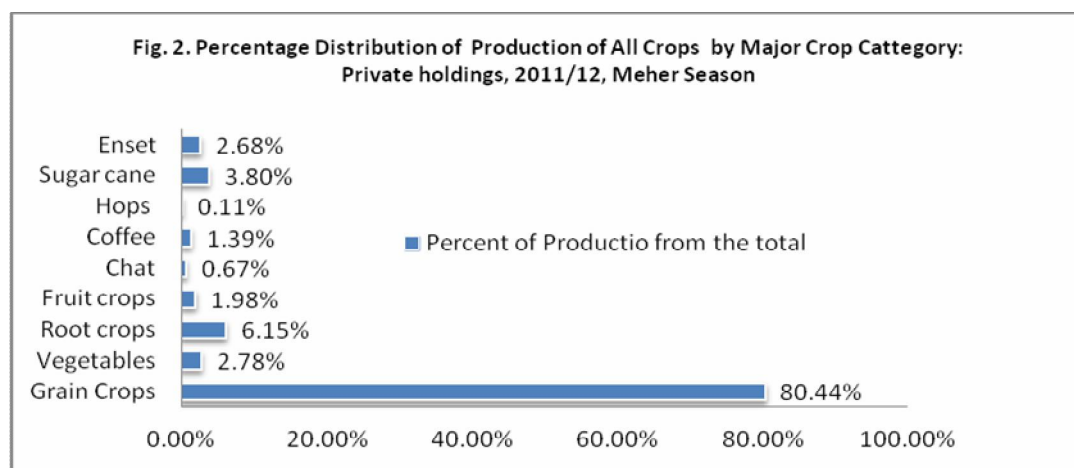
**Table 2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Ethiopia

Crop	Number of holders	Area in hectare	% distribution	Production in quintal	% distribution	yield (qt / ha)
Grain Crops.	13,476,888	12,086,603.89	100	218,570,429.67	100	
Cereals.....	13,088,242	9,588,923.71	79.34	188,099,616.95	86.06	
Teff.....	6,300,048	2,731,111.67	22.6	34,976,894.64	16	12.81
Barley.....	4,085,236	948,107.43	7.84	15,852,869.21	7.25	16.72
Wheat.....	4,324,679	1,437,484.73	11.89	29,163,336.88	13.34	20.29
Maize.....	9,154,883	2,054,723.69	17	60,694,130.14	27.77	29.54
Sorghum.....	5,166,690	1,923,717.49	15.92	39,512,942.36	18.08	20.54
Finger millet.....	1,556,134	432,561.00	3.58	6,518,509.00	2.98	15.07
Oats/'Aja'.....	253,195	30,568.39	0.25	494,749.24	0.23	16.18
Rice.....	93,286	30,649.30	0.25	886,185.47	0.41	28.91
Pulses.....	7,482,410	1,616,809.37	13.38	23,162,012.43	10.6	
Faba beans.....	3,604,992	457,559.94	3.79	7,147,960.23	3.27	15.62
Field peas.....	1,482,650	212,890.15	1.76	2,632,663.87	1.2	12.37
Haricot beans.....	2,872,682	331,708.15	2.74	3,878,023.01	1.77	11.69
Chick-peas.....	969,765	231,298.54	1.91	4,002,077.19	1.83	17.3
Lentils.....	826,197	109,895.27	0.91	1,280,087.87	0.59	11.65
Vetch.....	815,812	179,866.13	1.49	3,055,753.10	1.4	16.99
Soya beans.....	84,188	19,397.16	0.16	358,802.94	0.16	18.5
Fenugreek.....	735,292	39,964.58	0.33	362,939.17	0.17	9.08
Gibto.....	155,681	34,229.45	0.28	443,705.05	0.2	12.96
Oilseeds.....	3,577,023	880,870.81	7.29	7,308,800.29	3.34	
Neug.....	1,069,606	309,010.72	2.56	1,863,205.76	0.85	6.03
Linseed.....	986,026	116,541.40	0.96	1,127,607.00	0.52	9.68
Groundnuts.....	275,334	64,476.52	0.53	1,034,787.88	0.47	16.05
Sunflower.....	164,952	8,168.96	0.07	88,702.51	0.04	10.86
Sesame.....	893,883	337,505.41	2.79	2,447,833.59	1.12	7.25
Rapeseed.....	976,537	45,167.81	0.37	746,663.56	0.34	16.53
Vegetables.....	6,397,284	160,050.33	100	7,557,282.01	100	
Lettuce.....	36,074	163.54	0.1	4,039.85	0.05	24.7
Head Cabbage.....	618,564	4,802.90	3	434,839.43	5.75	90.54
Ethiopian Cabbage.....	3,337,530	31,783.56	19.86	3,231,804.87	42.76	101.68
Tomatoes.....	254,850	7,255.93	4.53	817,380.54	10.82	112.65
Green peppers.....	1,299,202	6,970.87	4.36	657,668.37	8.7	94.35
Red peppers.....	2,383,230	108,805.96	67.98	2,394,540.56	31.69	22.01
Swiss chard.....	104,899	267.57	0.17	17,008.38	0.23	63.57
Root Crops.....	5,645,024	199,899.80	100	16,710,299.57	100	
Beetroot.....	541,581	2,484.96	1.24	245,430.49	1.47	98.77
Carrot.....	204,657	*	*	135,502.63	0.81	*
Onion.....	1,014,431	30,478.35	15.25	3,281,574.18	19.64	107.67
Potatoes.....	1,299,518	59,508.67	29.77	4,754,405.46	28.45	79.89
Garlic.....	1,640,623	13,278.55	6.64	1,239,614.63	7.42	93.35
Taro/'Godere'.....	1,466,801	39,695.59	19.86	3,152,420.66	18.87	79.41
Sweet potatoes.....	1,587,361	51,313.22	25.67	3,901,351.52	23.35	76.03
Fruit Crops.....	3,230,013	61,472.74	100	5,393,387.63	100	87.74
Avocados.....	1,047,525	9,023.91	14.68	730,968.04	13.55	81
Bananas.....	2,083,670	35,869.31	58.35	2,912,576.89	54	81.2
Guavas.....	242,219	1,357.15	2.21	22,149.99	0.41	16.32
Lemons.....	157,993	894.36	1.45	81,602.96	1.51	91.24
Mangoes.....	850,791	8,058.28	13.11	727,528.60	13.49	90.28
Oranges.....	449,440	3,609.67	5.87	487,504.78	9.04	135.06
Papayas.....	545,608	2,496.41	4.06	425,733.33	7.89	170.54
Pineapples.....	34,633	163.66	0.27	5,323.03	0.1	32.52
Chat.....	2,445,700	179,775.63		1,807,264.64		10.05
Coffee.....	4,042,237	515,882.46		3,768,231.72		7.3
Hops.....	1,921,073	22,563.75		289,006.65		12.81
Sugar Cane.....	1,091,763	22,119.93		10,335,863.41		467.26
Enset.....	4,305,370	312,171.98		7,288,686.96		23.35

3.2.4 Fruit Crops – The survey results show that fruit crops grown by the private peasant holders cover only a small token area and production in the country. The number of holders practicing fruit farming is much less than that of grains or cereals as indicated in the tables.

About **61,472.74** hectares of land is under fruit crops in Ethiopia. Bananas contributed about **58.35 %** of the fruit crop area followed by mangoes that contributed **13.11 %** of the area. More than **5,393,387.63** quintals of fruits was produced in the country. Bananas, Papayas, mangoes and oranges took up **54%, 7.89%, 13.49%** and **9.04%** of the fruit production, respectively, as shown in Table 2.



3.2.5 Stimulant crops – Farmers engaged in growing and producing stimulant crops such as coffee and Chat are greater in number than those growing fruits. The area and production of these crops are also larger than that of fruits since they earn a considerable amount of cash for the holders. Table 2 show Chat and coffee shared **1.33%** and **3.80%** of the area under all crops in the country and **1,807,264.64** and **3,768,231.72** quintals of produce was obtained from these crops in the same agricultural year respectively.

3.2.6 Sugar Cane- is grown in small areas in some parts of the country within the private peasant holdings. About **22,119.93** hectares of land was under sugar cane in the country, yielding an estimated total of **10,335,863.41** quintals of produce by the peasant holders. But the production is not usually used for industrial purposes. It is noticeably used up in household consumption.

3.2.7 Enset:- is grown in south-western part of the country and covers considerable land area within the private holdings. A total of **312,171.98** hectares of land was under Enset in the country, taking up about 2.30% land area covered by all crops at country level and yielding a bout **7,288,686.96** quintals of produce by the peasant holders, contributing about 2.68% to the total country level all crops Production (See figure 1, 2 and Table 2).

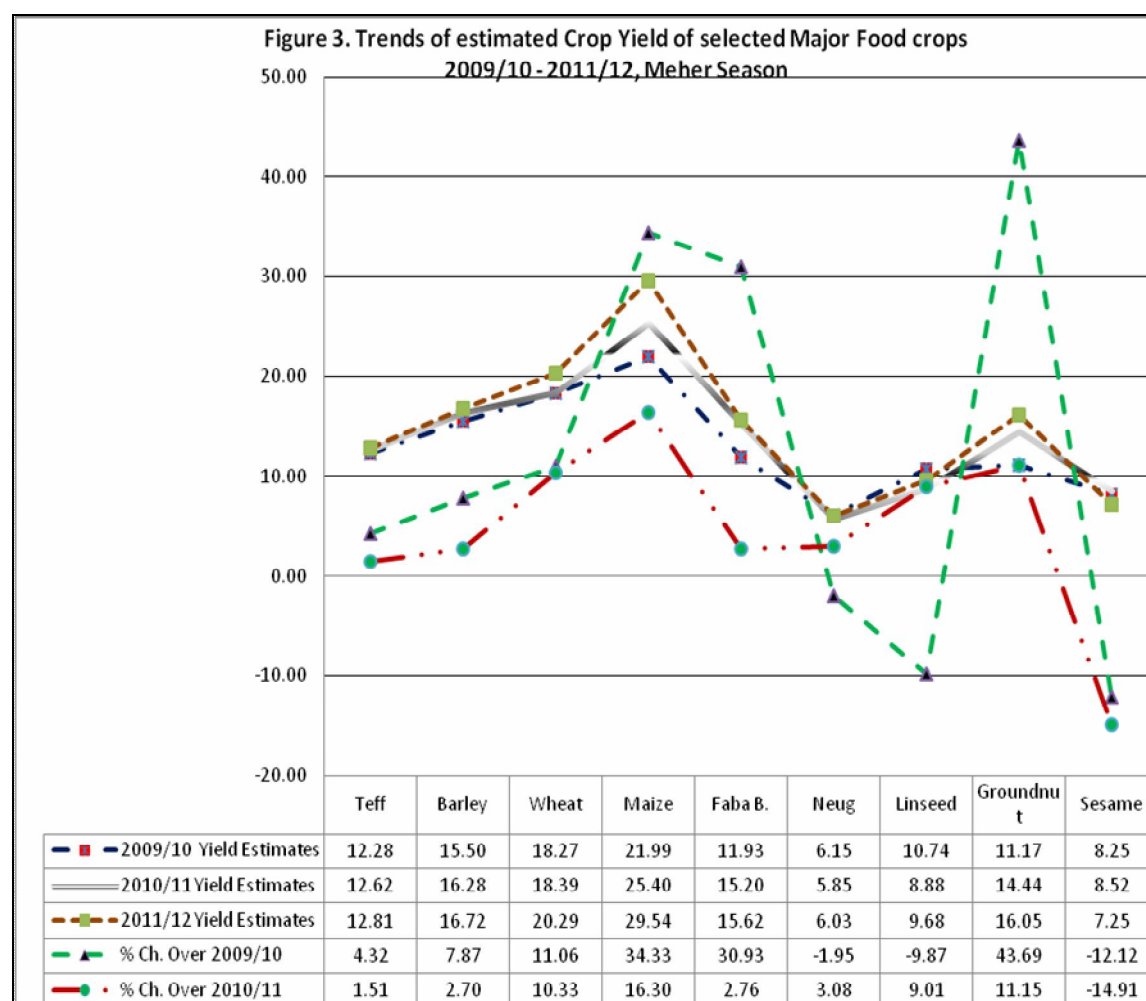
3.3 Comparison of the current year 2011/12 Post - Harvest Crop yield with 2009/10 and 2010/11, estimates.

In this section of the report an attempt has been made to compare the post-harvest crop productivity estimates of selected important food crops obtained from the 2011/12 (2004 E.C.) Agricultural Sample Survey with last year i.e. 2009/10 crop yield estimates of the same crops.

The presentation of such comparisons are believed to give a bird's eye view whether, or not the current year estimated increase in the volume of production over the last year estimate, is effected from increased cropped area or due to the attainment of enhanced crop yield or the contribution of both have brought the increment of the current year production, contributed but enhanced crop yield taken up the lion share, so as one can generally indicate the direction, the rate of change and the level of steps the agriculture sector taking up on the ladder of transformation to commercialized agriculture from its initial subsistence and back ward stating point. Of course, it should be noted that, except the progress made during the the last two and half decades, the the agricultural sector in Ethiopia had remained stagenant for centuries with limited progress in few specific areas.

Consequently, the out come of such comparisons are believed to serve as problem area indicators for concerned stakeholders to develop and implement corrective measures, that could help to accelerate the speed of transforming the existing agriculture into commercial agriculture. Thus, to meet the so far mentioned objectives, the following brief discussions on the results of crop productivity comparisons made for selected important food crops at country level is presented:

Since the rain fall was normal and adequate in the current crop-growing season, as a matter of this fact the 2011/12 (2004 E.C.) main season crop production has shown significant increament both in the estimated cropped land area and volume of grain crops production. As indicated in table 3, the 2011/12 estimated cropped area and volume of production have increased by about **2.23 %** and **7.41%** over last year 2010/11 post harvest estimate.

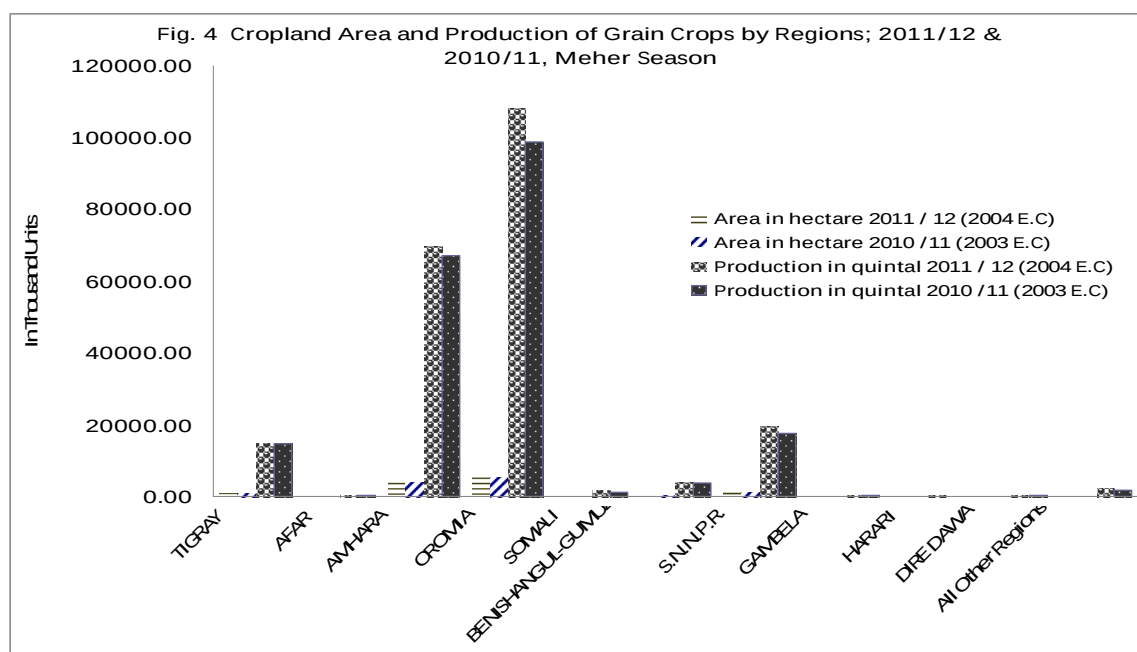


Conversely, with regard to estimated crop yield, crops such as maize, teff, barley and wheat within the category of cereals have shown an increment, that ranges from **34.33 %** and **16.30 %** for maize to **4.32%** and **1.51%** for teff over the 2009/10 and 2010/11 Post-harvest estimates. Similarly crops such as faba beans, Inseed and ground nuts have shown an increment that ranges from **43.69%** and **11.15 %** for ground nuts to **30.93%** and **2.76%** for faba beans over 2009/10 and 2010/11 estimates, in that order. (See Figure 3).

Table 3 - Estimate of Area and Production of Grain Crops for 2010/11 (2003 E.C) and 2011/12 (2004 E.C.), Meher Season

Region	Area in hectare			Production in quintal		
	2011 / 12 (2004 E.C)	2010 / 11 (2003 E.C)	% Change	2011 / 12 (2004 E.C)	2010 / 11 (2003 E.C)	% Change
TIGRAY	864,918.44	834,460.76	3.65	14898420.68	14634221.61	1.81
AFAR	4,872.34	9,308.23	-47.66	154601.54	148669.03	3.99
AMHARA	4,287,155.22	4,149,607.81	3.31	69696481.18	67,051,378.76	3.94
OROMIA	5,492,725.53	5,435,862.15	1.05	108089194.20	98,806,640.88	9.39
SOMALI	65437.05	70,212	-6.80	1736903.70	1,127,660	54.03
BENISHANGUL-GUMUZ	241322.91	227,568.98	6.04	4018792.28	3,674,707.94	9.36
S.N.N.P.R.	1100253.47	1,066,826	3.13	19434595.15	17,551,623	10.73
GAMBELA	7975.03	9,847.66	-19.02	162683.35	188,797.61	-13.83
HARARI	11593.13	9,418.12	23.09	225687.68	135,869.87	66.11
DIRE DAWA	10350.76	9,674.62	6.99	153069.91	165,719.03	-7.63
ALL	12,086,603.88	11,822,786.19	2.78	218,570,429.67	203,485,288.33	7.41

Following the same Pattern, the results of the 2010/11 Post-harvest agricultural Sample Survey, indicates that both the largest grain cropped land area and the highest volume of production obtained in the current Meher season is reported for Oromia, Amhara, SNNP, Tigray and Benshangul-Gumuz Regions. Accordingly, the total grain cropped area reported for each of the above mentioned regions have increased by about 1.05%, 3.31 %, 3.13%, 3.65% and 6.04% over last year 2010/11 post harvest estimate. Following the same pattern the current year harvested volume of production reported for the above mentioned regions have also increased by about 9.39%, 3.94%, 10.73%, 1.81% and 9.36% over last year 2010/11 post harvest estimate of the regions, in that order (For details see Table .3 and figure 4).



**Table 4 - Estimate of Area, Production and Yield of Crops for
2009/10 (2002 E.C) and 2011/12 (2004 E.C.), Meher Season**

Ethiopia									
Crop	Area in hectare			Production in quintal			Yield (quintal / hectare)		
	2011 / 12 (2004 E.C)	2010 / 11 (2003 E.C)	% Change	2011 / 12 (2004 E.C)	2010 / 11 (2003 E.C)	% Change	2011 / 12 (2004 E.C)	2010 / 11 (2003 E.C)	% Change
Grain crops	12,086,603.89	11,822,786..	2.23	218,570,429.67	203,485,288.33	7.41			
Cereals	9,588,923.71	9,690,733..	-1.05	188,099,616.95	177,613,365.84	5.90			
Teff	2,731,111.67	2,761,190.0	-1.09	34,976,894.64	34,834,826.26	0.41	12.81	12.62	1.51
Barley	948,107.43	1,046,555..	-9.41	15,852,869.21	17,033,465.36	-6.93	16.72	16.28	2.70
Wheat	1,437,484.73	1,553,239.0	-7.45	29,163,336.88	28,556,817.43	2.12	20.29	18.39	10.33
Maize	2,054,723.69	1,963,179.0	4.66	60,694,130.14	49,861,254.95	21.73	29.54	25.40	16.30
Sorghum	1,923,717.49	1,897,733.0	1.37	39,512,942.36	39,598,973.86	-0.22	20.54	20.87	-1.58
Finger millet	432,561.00	408,110..	5.99	6,518,509.00	6,348,257.88	2.68	15.07	15.56	-3.15
Oats / 'Aja'	30,568.39	30,858..	-0.94	494,749.24	475,650.57	4.02	16.18	15.41	5.00
Rice	30,649.30	29,866..	2.62	886,185.47	904,119.53	-1.98	28.91	30.27	-4.49
Pulses	1,616,809.37	1,357,522..	19.10	23,162,012.43	19,531,935.01	18.59			
Faba beans	457,559.94	459,183.0	-0.35	7,147,960.23	6,977,983.87	2.44	15.62	15.20	2.76
Field peas	212,890.15	203,990.0	4.36	2,632,663.87	2,570,314.09	2.43	12.37	12.60	-1.83
Haricot beans	331,708.15	237,366..	39.75	3,878,023.01	3,402,795.18	13.97	11.69	14.34	-18.48
Chick-peas	231,298.54	208,388.0	10.99	4,002,077.19	3,228,388.27	23.97	17.3	15.49	11.68
Lentils	109,895.27	77,334..	42.10	1,280,087.87	809,517.33	58.13	11.65	10.47	11.27
Grass peas	179,866.13	131,043.0	37.26	3,055,753.10	2,009,485.58	52.07	16.99	15.33	10.83
Soya beans	19,397.16	11,261..	72.25	358,802.94	158,244.22	126.74	18.5	14.05	31.67
Fenugreek	39,964.58	14,670.0	172.42	362,939.17	179,052.29	102.70	9.08	12.21	-25.63
Gibto	34,229.45	14,284..	139.63	443,705.05	196,154.18	126.20	12.96	13.73	-5.61
Oilseeds	880,870.81	774,529..	13.73	7,308,800.29	6,339,987.49	15.28			
Neug	309,010.72	247,611..	24.80	1,863,205.76	1,448,474.82	28.63	6.03	5.85	3.08
Linseed	116,541.40	73,687..	58.16	1,127,607.00	654,205.76	72.36	9.68	8.88	9.01
Groundnuts	64,476.52	49,602.0	29.99	1,034,787.88	716,068.37	44.51	16.05	14.44	11.15
Safflower	8,168.96	5,489..	48.80	88,702.51	50,667.88	75.07	10.86	9.23	17.66
Sesame	337,505.41	384,682.0	-12.26	2,447,833.59	3,277,409.22	-25.31	7.25	8.52	-14.91
Rape seed	45,167.81	13,455..	235.69	746,663.56	193,161.43	286.55	16.53	14.36	15.11
Vegetables	160,050.33	126,675..	26.35	7,557,282.01	6,756,055.79	11.86			
Lettuce	163.54	48..	235.40	4,039.85	2,029.02	99.10	24.7	41.61	-40.64
Head cabbage	4,802.90	2,138..	124.62	434,839.43	194,634.78	123.41	90.54	91.02	-0.53
Eth. Cabbage	31,783.56	29,815..	6.60	3,231,804.87	3,316,365.11	-2.55	101.68	111.23	-8.59
Tomatoes	7,255.93	5,337.0	35.93	817,380.54	556,351.41	46.92	112.65	104.22	8.09
Green peppers	6,970.87	5,789..	20.41	657,668.37	577,726.84	13.84	94.35	99.80	-5.46
Red peppers	108,805.96	83,416.0	30.44	2,394,540.56	2,098,721.25	14.10	22.01	25.16	-12.52
Swiss chard	267.57	130..	105.57	17,008.38	10,227.39	66.30	63.57	78.58	-19.10
Root crops	199,899.80	214,346..	-6.74	16,710,299.57	19,155,610.11	-12.77			
Beetroot	2,484.96	1,429..	73.81	245,430.49	144,293.51	70.09	98.77	100.92	-2.13
Carrot	*	2,214.0	*	135,502.63	123,457.63	9.76	*	55.74	*
Onion	30,478.35	22,035.0	38.31	3,281,574.18	2,369,221.60	38.51	107.67	107.52	0.14
Potatoes	59,508.67	54,006.0	10.19	4,754,405.46	4,473,334.87	6.28	79.89	82.83	-3.55
Garlic	13,278.55	10,690.0	24.21	1,239,614.63	1,284,409.36	-3.49	93.35	120.15	-22.31
Taro / 'Godere'	39,695.59	42,270.0	-6.09	3,152,420.66	3,397,399.42	-7.21	79.41	80.37	-1.19
Sweet potatoes	51,313.22	81,697.0	-37.19	3,901,351.52	7,363,493.72	-47.02	76.03	90.13	-15.64
Fruit crops	61,472.74	54,646..	12.49	5,393,387.63	4,862,760.13	10.91	87.74		
Avocados	9,023.91	7,212..	25.12	730,968.04	572,989.66	27.57	81	79.45	1.95
Bananas	35,869.31	31,885.0	12.49	2,912,576.89	2,705,715.16	7.65	81.2	84.86	-4.31
Guavas	1,357.15	1,834.0	-26.03	22,149.99	30,143.07	-26.52	16.32	16.43	-0.67
Lemons	894.36	495..	80.41	81,602.96	45,929.27	77.67	91.24	92.65	-1.52
Mangoes	8,058.28	7,512.0	7.26	727,528.60	656,516.76	10.82	90.28	87.39	3.31
Oranges	3,609.67	3,228.0	11.79	487,504.78	439,792.40	10.85	135.06	136.20	-0.84
Papayas	2,496.41	2,238..	11.51	425,733.33	402,453.64	5.78	170.54	179.77	-5.13
Pineapples	163.66	237..	-31.15	5,323.03	*	*	32.52	*	*
Chat	179,775.63	204,648..	-12.15	1,807,264.64	2,030,854.17	-11.01	10.05	9.92	1.31
Coffee	515,882.46	498,617..	3.46	3,768,231.72	3,705,694.44	1.69	7.3	7.43	-1.75
Hops	22,563.75	21,669..	4.13	289,006.65	280,861.18	2.90	12.81	12.96	-1.16
Sugar cane	22,119.93	23,341..	-5.23	10,335,863.41	11,877,738.33	-12.98	467.26	508.87	-8.18
Enset	312,171.98	301,978..	3.38	7,288,686.96	6,948,102.45	4.90	23.35	23.01	1.48

**Table 4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	955,508	864,918.44	14,898,420.68	
Cereals.....	499,710	716,178.88	13,254,244.72	
Teff.....	465,205	152,740.04	1,938,456.90	12.69
Barley.....	401,820	99,453.31	1,640,038.91	16.49
Wheat.....	634,352	105,308.56	2,001,695.78	19.01
Maize.....	500,906	64,803.39	1,536,108.00	23.70
Sorghum.....	301,664	215,142.84	4,736,781.77	22.02
Finger millet.....	*	76,654.62	1,337,897.07	17.45
Oats/'Aja'.....	7,568	*	*	*
Rice.....	399,055	*	*	*
Pulses.....	222,414	50,020.04	779,842.37	
Faba beans.....	56,058	15,440.04	275,170.97	17.82
Field peas.....	40,720	4,952.66	67,829.62	13.70
Haricot beans.....	49,210	3,570.22	*	*
Chick-peas.....	70,238	7,255.37	98,854.11	13.62
Lentils.....	56,226	7,795.65	102,399.90	13.14
Grass Peas.....	*	9,717.72	179,348.70	18.46
Soya beans.....	52,639	*	*	*
Fenugreek.....	-	1,246.89	12,433.85	9.97
Gibto.....	235,209	-	-	-
Oilseeds.....	36,500	98,719.52	864,333.59	
Neug.....	80,581	4,982.41	76,916.82	15.44
Linseed.....	*	7,673.39	86,256.03	11.24
Groundnuts.....	5,509	*	*	*
Safflower.....	127,829	*	*	*
Sesame.....	1,002	85,889.92	700,259.63	8.15
Rape seed.....	236,492	*	*	*
Vegetables.....	4,513	2,562.65	167,933.06	
Lettuce.....	11,220	10.01	*	*
Head Cabbage.....	6,624	167.35	22,004.80	131.49
Ethiopian Cabbage.....	20,719	16.35	*	*
Tomatoes.....	57,566	352.43	41,817.32	118.65
Green peppers.....	153,182	460.71	48,298.83	104.84
Red peppers.....	7,074	1,540.27	52,389.97	34.01
Swiss chard.....	115,217	15.53	1,454.22	93.64
Root Crops.....	*	2,084.69	252,871.09	
Beetroot.....	4,724	*	*	*
Carrot.....	49,746	*	*	*
Onion.....	35,908	*	*	*
Potatoes.....	60,810	660.64	53,762.79	81.38
Garlic.....	-	616.10	88,918.30	144.32
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	55,629	-	-	-
Fruit Crops.....	3,381	671.55	29,093.48	
Avocados.....	6,908	*	-	-
Bananas.....	25,305	*	*	*
Guavas.....	11,016	220.53	1,014.19	4.60
Lemons.....	3,001	*	*	*
Mangoes.....	14,685	*	*	*
Oranges.....	14,741	69.33	3,230.86	46.60
Papayas.....	-	154.10	13,343.96	86.59
Pineapples.....	*	-	-	-
Chat.....	14,416	*	-	-
Coffee.....	144,137	*	-	-
Hops.....	*	1,538.69	48,796.97	31.71
Sugar Cane.....	*	*	-	-
Enset.....	955,508	*	-	-

**Table 4.1. - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

North West Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	199,894	198,737.37	3,728,648.84	
Cereals.....	199,452	176,026.69	3,480,358.22	
Teff.....	116,811	35,664.41	454,568.34	12.75
Barley.....	12,732	414.90	4,366.97	10.53
Wheat.....	*	*	*	*
Maize.....	186,122	25,937.44	750,048.44	28.92
Sorghum.....	136,812	65,245.77	1,440,004.05	22.07
Finger millet.....	146,327	48,608.92	829,067.21	17.06
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	61,266	6,137.96	89,708.21	
Faba beans.....	29,433	2,484.22	35,758.93	14.39
Field peas.....	*	*	*	*
Haricot beans.....	13,998	398.11	5,668.61	14.24
Chick-peas.....	20,210	2,693.93	42,631.99	15.83
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	65,829	16,572.71	158,582.41	
Neug.....	14,298	1,819.34	28,078.62	15.43
Linseed.....	11,774	*	14,094.66	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	43,777	13,505.87	116,364.26	8.62
Rape seed.....	*	*	*	*
Vegetables.....	114,318	1,158.05	57,253.46	
Lettuce.....	*	*	*	*
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	4,161	*	*	*
Red peppers.....	109,479	996.23	35,973.70	36.11
Swiss chard.....	-	-	-	-
Root Crops.....	5,677	27.45	3,473.89	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	1,365	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	8,792	*	4,308.47	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	3,866	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	2,671	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	20,479	369.44	12,778.86	34.59
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 4.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Central Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	289,381	219,268.80	3,439,531.92	
Cereals.....	289,002	200,159.05	3,177,791.59	
Teff.....	199,799	61,737.10	760,423.46	12.32
Barley.....	151,258	20,770.39	298,096.64	14.35
Wheat.....	122,432	25,004.91	467,344.25	18.69
Maize.....	220,269	22,277.11	427,202.33	19.18
Sorghum.....	161,412	57,235.12	1,004,595.76	17.55
Finger millet.....	83,561	13,114.40	220,129.15	16.79
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	137,333	15,764.70	230,514.53	
Faba beans.....	98,123	6,873.24	106,897.04	15.55
Field peas.....	11,899	762.13	10,578.20	13.88
Haricot beans.....	16,783	*	*	*
Chick-peas.....	12,461	1,599.15	*	*
Lentils.....	24,935	1,958.82	21,319.27	10.88
Grass Peas.....	12,896	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	13,821	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	36,183	3,345.05	31,225.80	
Neug.....	10,631	788.59	*	*
Linseed.....	22,212	2,060.37	18,986.15	9.21
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	47,026	300.23	25,483.55	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	1,463	*	*	*
Green peppers.....	32,434	188.30	17,402.47	92.42
Red peppers.....	12,088	75.68	1,721.83	22.75
Swiss chard.....	1,828	*	*	*
Root Crops.....	24,409	271.63	37,130.22	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	9,142	61.82	8,908.83	144.11
Potatoes.....	*	*	*	*
Garlic.....	18,510	174.30	24,215.38	138.93
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	11,871	62.87	799.25	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	5,075	30.61	127.65	4.17
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	3,128	*	*	*
Papayas.....	2,527	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	32,927	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 4.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

East Tigray ****

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	153,673	89,959.84	1,466,305.07	
Cereals.....	153,116	79,503.23	1,289,748.35	
Teff.....	44,098	7,527.25	97,235.31	12.92
Barley.....	134,981	30,896.72	458,897.84	14.85
Wheat.....	127,999	28,602.21	507,883.66	17.76
Maize.....	60,385	3,638.58	72,193.87	19.84
Sorghum.....	27,864	4,711.88	103,316.67	21.93
Finger millet.....	28,940	4,108.28	50,221.01	12.22
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	83,660	9,188.15	163,097.82	
Faba beans.....	48,595	2,291.99	64,610.62	28.19
Field peas.....	24,116	1,633.12	25,190.03	15.42
Haricot beans.....	*	*	*	*
Chick-peas.....	6,751	1,034.85	14,373.15	13.89
Lentils.....	8,972	733.73	6,035.32	8.23
Grass Peas.....	20,375	3,330.11	51,971.51	15.61
Soya beans.....	-	-	-	-
Fenugreek.....	13,813	110.53	492.01	4.45
Gibto.....	-	-	-	-
Oilseeds.....	20,592	1,268.46	13,458.90	
Neug.....	-	-	-	-
Linseed.....	19,734	1,241.85	13,210.71	10.64
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	18,772	183.79	19,250.20	
Lettuce.....	1,315	*	*	*
Head Cabbage.....	2,364	*	*	*
Ethiopian Cabbage.....	4,167	7.58	189.04	24.94
Tomatoes.....	5,990	*	*	*
Green peppers.....	5,704	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	2,719	3.89	372.34	95.72
Root Crops.....	24,911	378.81	44,906.72	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	19,777	80.24	9,978.51	124.36
Potatoes.....	7,339	*	*	*
Garlic.....	6,944	8.16	1,211.70	148.49
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	11,555	75.00	900.77	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	8,390	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	4,307	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	2,732	*	-	-
Hops.....	49,486	195.49	7,072.87	36.18
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 4.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

South Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	222,861	213,849.42	3,741,708.35	
Cereals.....	221,626	192,029.13	3,428,405.30	
Teff.....	125,281	42,360.95	533,932.30	12.60
Barley.....	160,752	46,629.67	865,990.79	18.57
Wheat.....	147,404	51,449.20	1,023,125.61	19.89
Maize.....	94,999	7,468.44	114,874.31	15.38
Sorghum.....	96,251	43,010.02	874,670.53	20.34
Finger millet.....	5,399	934.36	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	94,149	17,099.80	268,219.22	
Faba beans.....	34,695	3,108.61	54,407.49	17.50
Field peas.....	15,116	2,078.43	27,530.88	13.25
Haricot beans.....	*	*	*	*
Chick-peas.....	8,120	1,500.90	20,525.77	13.68
Lentils.....	29,816	4,589.55	66,094.60	14.40
Grass Peas.....	21,946	4,082.40	89,412.31	21.90
Soya beans.....	-	-	-	-
Fenugreek.....	24,631	568.97	5,600.37	9.84
Gibto.....	-	-	-	-
Oilseeds.....	29,939	4,720.49	45,083.84	
Neug.....	*	*	*	*
Linseed.....	24,973	3,038.62	37,861.86	12.46
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	28,020	622.79	45,749.58	
Lettuce.....	*	*	*	*
Head Cabbage.....	7,326	*	*	*
Ethiopian Cabbage....	1,837	*	*	*
Tomatoes.....	6,066	*	*	*
Green peppers.....	6,913	*	*	*
Red peppers.....	9,867	217.35	3,527.55	16.23
Swiss chard.....	2,528	*	*	*
Root Crops.....	53,783	1,352.38	160,235.43	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	18,882	*	*	*
Potatoes.....	22,528	*	*	*
Garlic.....	24,556	368.43	54,472.11	147.85
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	15,720	148.28	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	5,933	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	1,384	*	*	*
Oranges.....	*	*	*	*
Papayas.....	5,010	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	7,540	*	-	-
Hops.....	33,685	330.42	10,431.22	31.57
Sugar Cane.....	*	*	-	-
Enset.....	*	*	-	-

**Table 4.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Western Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	98,446	143,103.01	2,522,226.50	
Cereals.....	92,312	68,460.78	1,877,941.27	
Teff.....	13,721	5,450.33	*	*
Barley.....	5,483	*	12,686.67	*
Wheat.....	*	*	*	*
Maize.....	72,577	5,481.82	171,789.04	31.34
Sorghum.....	78,568	44,940.06	1,314,194.77	29.24
Finger millet.....	37,438	9,888.66	227,037.49	22.96
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	22,646	1,829.42	28,302.60	
Faba beans.....	11,568	681.97	13,496.87	19.79
Field peas.....	2,127	*	*	*
Haricot beans.....	*	*	743.60	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	82,667	72,812.81	615,982.63	
Neug.....	10,439	2,191.22	*	*
Linseed.....	1,889	89.13	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	76,718	70,515.27	574,432.15	8.15
Rape seed.....	-	-	-	-
Vegetables.....	28,357	297.79	20,196.28	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	18,657	216.03	5,865.31	27.15
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	7,690	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	3,897	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	7,560	96.68	3,344.04	34.59
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Afar Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	8,506	4,872.34	154,601.54	
Cereals.....	8,506	4,872.34	154,601.54	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	7,448	4,333.21	140,498.06	32.42
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	-	-	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	1,862	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	-	-	-	-
Tomatoes.....	483	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	857	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	1,212	17.30	*	
Avocados.....	-	-	-	-
Bananas.....	403	*	*	*
Guavas.....	*	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	505	*	-	-
Oranges.....	-	-	-	-
Papayas.....	538	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Zone 1

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	5,157	2,843.38	154,601.54	
Cereals.....	5,157	2,843.38	154,601.54	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	4,775	*	140,498.06	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	-
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	-	-	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	-
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	1,862	*	*	*
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	483	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	857	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	*
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	1,212	17.30	*	*
Avocados.....	-	-	-	-
Bananas.....	403	*	*	*
Guavas.....	*	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	505	*	-	-
Oranges.....	-	-	-	-
Papayas.....	538	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Zone 3

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*	*	-	-
Cereals.....	*	*	-	-
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	-	-
Sorghum.....	*	*	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	-
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	-	-	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	-
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	*
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	-
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Amhara Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	3,976,478	4,287,155.22	69,696,481.18	
Cereals.....	3,921,497	3,252,573.69	57,132,600.78	
Teff.....	2,352,859	1,003,380.97	13,102,807.95	13.06
Barley.....	1,394,632	303,760.05	4,315,578.73	14.21
Wheat.....	1,556,788	460,164.57	7,694,867.30	16.72
Maize.....	2,667,980	494,625.08	13,387,027.21	27.06
Sorghum.....	1,537,762	733,017.68	14,320,673.73	19.54
Finger millet.....	691,705	230,613.94	3,535,295.58	15.33
Oats/'Aja'.....	42,370	2,534.32	32,426.02	12.79
Rice.....	55,934	24,477.08	743,924.26	30.39
Pulses.....	2,489,980	721,045.69	10,122,291.19	
Faba beans.....	1,421,819	197,240.84	2,881,403.98	14.61
Field peas.....	635,313	79,885.38	962,289.85	12.05
Haricot beans.....	444,564	79,839.67	844,112.98	10.57
Chick-peas.....	581,769	131,859.42	2,231,033.74	16.92
Lentils.....	465,135	64,314.80	685,900.16	10.66
Grass Peas.....	516,761	111,796.33	1,862,037.02	16.66
Soya beans.....	11,501	*	*	*
Fenugreek.....	323,585	21,017.95	192,576.56	9.16
Gibto.....	151,266	33,774.69	442,832.66	13.11
Oilseeds.....	1,663,769	313,535.84	2,441,589.22	
Neug.....	504,122	97,351.57	650,167.00	6.68
Linseed.....	473,995	36,885.18	213,387.26	5.79
Groundnuts.....	19,539	2,163.61	*	*
Safflower.....	120,663	6,004.70	68,676.12	11.44
Sesame.....	384,902	140,806.40	957,498.75	6.80
Rape seed.....	584,336	30,324.38	518,495.72	17.10
Vegetables.....	1,679,342	45,297.12	1,336,004.24	
Lettuce.....	11,587	28.91	1,366.35	47.26
Head Cabbage.....	137,305	992.02	121,824.24	122.80
Ethiopian Cabbage....	269,900	1,307.95	142,336.16	108.82
Tomatoes.....	71,018	892.72	96,072.11	107.62
Green peppers.....	260,474	1,754.30	157,276.76	89.65
Red peppers.....	1,127,180	40,268.51	812,480.42	20.18
Swiss chard.....	32,342	52.71	4,648.19	88.18
Root Crops.....	1,530,458	39,798.43	4,194,302.64	
Beetroot.....	82,126	480.18	40,252.25	83.83
Carrot.....	42,315	211.39	11,036.64	52.21
Onion.....	366,890	12,174.60	1,676,007.37	137.66
Potatoes.....	521,571	21,352.52	1,851,011.84	86.69
Garlic.....	933,885	5,012.69	581,498.46	116.01
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	46,315	562.47	34,496.07	61.33
Fruit Crops.....	326,364	3,888.32	313,984.49	
Avocados.....	19,240	87.20	4,527.18	51.92
Bananas.....	108,398	1,205.85	47,180.93	39.13
Guavas.....	61,457	410.85	8,584.33	20.89
Lemons.....	55,068	370.95	49,800.21	134.25
Mangoes.....	51,818	214.44	12,871.98	60.03
Oranges.....	122,881	1,369.38	175,004.68	127.80
Papayas.....	73,764	228.40	16,015.19	70.12
Pineapples.....	*	*	-	-
Chat.....	196,021	7,839.77	57,197.76	7.30
Coffee.....	332,541	8,932.01	33,477.08	3.75
Hops.....	1,146,722	15,037.12	112,003.87	7.45
Sugar Cane.....	83,106	2,241.47	*	*
Enset.....	*	*	-	-

**Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

North Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	650,651	832,871.16	14,098,056.39	
Cereals.....	638,117	611,432.47	11,541,076.54	
Teff.....	307,947	123,183.18	1,681,334.30	13.65
Barley.....	224,050	49,111.48	882,674.80	17.97
Wheat.....	178,251	73,030.41	1,407,545.68	19.27
Maize.....	451,351	63,938.92	1,738,975.49	27.20
Sorghum.....	395,259	238,261.72	4,555,362.27	19.12
Finger millet.....	216,651	62,441.02	1,251,193.13	20.04
Oats/'Aja'.....	*	251.12	*	*
Rice.....	10,113	*	19,764.53	*
Pulses.....	321,258	99,830.32	1,714,046.24	
Faba beans.....	196,244	26,523.38	434,649.67	16.39
Field peas.....	93,494	10,170.12	146,620.58	14.42
Haricot beans.....	17,942	*	*	*
Chick-peas.....	132,247	42,489.19	821,012.77	19.32
Lentils.....	53,064	8,064.83	109,998.66	13.64
Grass Peas.....	40,201	6,315.49	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	40,018	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	363,313	121,608.36	842,933.61	
Neug.....	94,201	19,865.81	148,088.54	7.45
Linseed.....	96,334	6,168.64	54,177.70	8.78
Groundnuts.....	-	-	-	-
Safflower.....	24,682	*	*	*
Sesame.....	168,752	92,410.29	603,724.55	6.53
Rape seed.....	68,399	1,527.99	22,327.07	14.61
Vegetables.....	309,098	7,684.45	167,633.07	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	31,111	*	*	*
Tomatoes.....	*	41.61	3,551.11	85.34
Green peppers.....	31,622	389.62	32,423.99	83.22
Red peppers.....	245,715	7,091.42	113,959.05	16.07
Swiss chard.....	*	*	*	*
Root Crops.....	206,804	5,726.44	641,738.12	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	47,905	*	*	*
Potatoes.....	104,640	2,912.07	269,046.42	92.39
Garlic.....	115,118	1,233.55	162,422.00	131.67
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	21,008	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	22,765	*	*	*
Hops.....	92,719	2,512.15	15,977.28	6.36
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

South Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	403,983	503,344.24	7,804,747.91	
Cereals.....	403,005	362,468.53	6,046,592.29	
Teff.....	289,016	126,360.03	1,714,219.97	13.57
Barley.....	136,053	27,617.33	361,919.99	13.10
Wheat.....	205,373	72,549.66	1,234,166.15	17.01
Maize.....	297,928	39,655.97	948,285.80	23.91
Sorghum.....	126,454	41,794.11	675,026.52	16.15
Finger millet.....	110,136	31,673.76	395,487.72	12.49
Oats/'Aja'.....	*	*	*	*
Rice.....	41,617	22,757.80	716,561.25	31.49
Pulses.....	295,834	109,138.30	1,495,120.26	
Faba beans.....	127,791	14,708.42	170,795.62	11.61
Field peas.....	69,488	12,073.24	137,891.25	11.42
Haricot beans.....	42,908	*	*	*
Chick-peas.....	88,212	20,358.04	275,354.96	13.53
Lentils.....	30,963	5,635.09	54,734.25	9.71
Grass Peas.....	114,278	35,949.01	548,946.06	15.27
Soya beans.....	*	*	-	-
Fenugreek.....	8,632	236.55	2,045.67	8.65
Gibto.....	40,097	*	*	*
Oilseeds.....	212,283	31,737.40	263,035.36	
Neug.....	86,339	18,370.04	156,366.91	8.51
Linseed.....	82,513	8,082.82	39,980.43	4.95
Groundnuts.....	-	-	-	-
Safflower.....	7,439	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	110,910	4,655.73	61,387.36	13.19
Vegetables.....	94,551	1,883.35	49,053.14	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	87,805	1,866.04	46,930.82	25.15
Swiss chard.....	*	*	*	*
Root Crops.....	194,182	7,230.96	627,813.75	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	11,110	*	*	*
Potatoes.....	81,849	5,815.55	442,970.56	76.17
Garlic.....	142,025	709.83	82,922.40	116.82
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	7,494	*	*	*
Coffee.....	8,760	*	*	*
Hops.....	137,267	1,205.54	5,967.43	4.95
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

North Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	361,465	274,811.30	3,972,468.17	
Cereals.....	358,700	216,556.10	3,310,869.97	
Teff.....	202,172	57,834.77	732,833.15	12.67
Barley.....	194,884	35,370.11	409,519.80	11.58
Wheat.....	145,368	23,349.22	308,482.31	13.21
Maize.....	146,071	6,090.31	81,467.95	13.38
Sorghum.....	215,694	90,238.77	1,731,752.51	19.19
Finger millet.....	28,105	2,297.84	34,461.31	15.00
Oats/'Aja'.....	14,585	1,375.06	12,352.96	8.98
Rice.....	-	-	-	-
Pulses.....	219,986	47,736.45	588,439.71	
Faba beans.....	121,028	14,592.96	222,127.82	15.22
Field peas.....	75,644	8,570.05	93,294.57	10.89
Haricot beans.....	34,693	*	58,870.66	*
Chick-peas.....	42,611	4,874.21	66,214.80	13.58
Lentils.....	87,189	10,535.41	85,945.29	8.16
Grass Peas.....	20,935	1,900.40	27,267.11	14.35
Soya beans.....	*	*	*	*
Fenugreek.....	46,401	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	111,426	10,518.75	73,158.48	
Neug.....	16,618	1,012.23	6,244.75	6.17
Linseed.....	81,737	7,683.01	49,698.78	6.47
Groundnuts.....	-	-	-	-
Safflower.....	14,042	855.45	9,021.31	10.55
Sesame.....	14,565	846.52	*	*
Rape seed.....	*	*	*	*
Vegetables.....	146,674	1,275.71	46,870.51	
Lettuce.....	*	*	*	*
Head Cabbage.....	4,857	*	*	*
Ethiopian Cabbage.....	54,995	143.35	13,835.99	96.52
Tomatoes.....	6,872	41.59	5,082.28	122.20
Green peppers.....	19,052	83.03	6,817.88	82.11
Red peppers.....	77,230	959.62	17,656.95	18.40
Swiss chard.....	6,562	8.09	709.71	87.73
Root Crops.....	127,283	1,843.44	212,515.80	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	34,300	872.70	122,553.90	140.43
Potatoes.....	36,162	409.23	34,056.42	83.22
Garlic.....	83,800	522.37	53,500.66	102.42
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	3,864	*	*	*
Fruit Crops.....	29,128	238.28	17,872.48	
Avocados.....	*	*	*	*
Bananas.....	10,561	49.05	1,648.49	33.61
Guavas.....	10,045	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	4,163	8.29	283.66	34.22
Oranges.....	11,170	*	*	*
Papayas.....	2,956	*	*	*
Pineapples.....	-	-	-	-
Chat.....	13,906	*	*	*
Coffee.....	42,875	585.55	2,869.19	4.90
Hops.....	79,828	855.21	9,056.69	10.59
Sugar Cane.....	5,719	*	*	*
Enset.....	*	*	-	-

**Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

South Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	602,760	440,187.65	7,053,617.88	
Cereals.....	585,085	329,317.89	5,561,742.67	
Teff.....	328,107	103,834.56	1,250,802.08	12.05
Barley.....	232,863	34,146.45	497,966.12	14.58
Wheat.....	286,561	72,992.89	1,125,730.56	15.42
Maize.....	284,653	17,819.07	434,984.29	24.41
Sorghum.....	272,503	97,730.62	2,194,966.48	22.46
Finger millet.....	26,764	2,116.77	48,492.60	22.91
Oats/'Aja'.....	18,080	649.08	8,800.53	13.56
Rice.....	*	*	-	-
Pulses.....	428,874	102,143.74	1,429,153.09	
Faba beans.....	253,490	23,913.12	365,667.72	15.29
Field peas.....	115,689	13,048.06	203,177.32	15.57
Haricot beans.....	98,337	12,045.85	116,754.34	9.69
Chick-peas.....	108,554	15,891.24	255,006.21	16.05
Lentils.....	128,025	13,180.58	158,685.30	12.04
Grass Peas.....	121,573	17,064.99	278,457.31	16.32
Soya beans.....	*	*	-	-
Fenugreek.....	94,150	6,994.60	51,404.90	7.35
Gibto.....	-	-	-	-
Oilseeds.....	155,044	8,726.01	62,722.12	
Neug.....	59,269	3,445.76	33,776.45	9.80
Linseed.....	81,675	3,945.79	20,269.65	5.14
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	13,249	*	*	*
Rape seed.....	29,378	*	*	*
Vegetables.....	261,608	2,694.77	125,759.35	
Lettuce.....	*	*	*	*
Head Cabbage.....	17,143	*	*	*
Ethiopian Cabbage....	70,278	147.84	14,957.17	101.17
Tomatoes.....	27,720	*	*	*
Green peppers.....	45,578	*	*	*
Red peppers.....	132,473	1,790.29	44,954.15	25.11
Swiss chard.....	9,986	25.11	2,202.50	87.71
Root Crops.....	201,491	1,650.64	176,309.28	
Beetroot.....	*	*	*	*
Carrot.....	6,832	*	*	*
Onion.....	50,467	517.97	66,652.44	128.68
Potatoes.....	38,311	418.53	44,121.28	105.42
Garlic.....	135,532	520.88	55,442.98	106.44
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	74,997	1,067.91	123,204.19	
Avocados.....	*	*	*	*
Bananas.....	14,072	*	*	*
Guavas.....	21,052	*	*	*
Lemons.....	9,930	*	*	*
Mangoes.....	8,139	*	*	*
Oranges.....	54,554	635.46	110,386.60	173.71
Papayas.....	12,719	*	*	*
Pineapples.....	-	-	-	-
Chat.....	85,150	3,585.86	36,826.81	10.27
Coffee.....	90,227	2,693.39	12,497.35	4.64
Hops.....	93,755	576.67	7,583.21	13.15
Sugar Cane.....	12,575	*	*	*
Enset.....	-	-	-	-

**Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	427,148	542,740.83	8,519,959.85	
Cereals.....	416,164	414,566.05	6,761,627.54	
Teff.....	259,101	127,203.76	1,586,328.00	12.47
Barley.....	182,048	62,403.96	1,090,282.93	17.47
Wheat.....	172,542	62,685.68	953,201.33	15.21
Maize.....	188,986	*	440,922.50	*
Sorghum.....	218,720	132,426.32	2,685,852.57	20.28
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	305,843	112,052.59	1,613,036.98	
Faba beans.....	180,376	37,556.21	609,091.73	16.22
Field peas.....	77,780	9,411.52	104,473.58	11.10
Haricot beans.....	88,014	19,950.40	243,757.25	12.22
Chick-peas.....	72,776	18,440.46	331,726.65	17.99
Lentils.....	114,752	19,341.91	223,703.31	11.57
Grass Peas.....	24,994	3,870.75	62,026.09	16.02
Soya beans.....	-	-	-	-
Fenugreek.....	56,798	3,468.88	38,258.38	11.03
Gibto.....	*	*	-	-
Oilseeds.....	146,937	16,122.18	145,295.33	
Neug.....	31,174	1,574.21	7,393.93	4.70
Linseed.....	63,405	5,795.73	20,916.16	3.61
Groundnuts.....	*	*	-	-
Safflower.....	24,076	1,306.26	21,420.87	16.40
Sesame.....	56,823	7,215.14	*	*
Rape seed.....	11,475	202.00	2,408.93	11.93
Vegetables.....	196,441	3,008.02	214,154.41	
Lettuce.....	-	-	-	-
Head Cabbage.....	12,319	*	*	*
Ethiopian Cabbage.....	86,492	*	*	*
Tomatoes.....	18,515	159.03	15,637.86	98.33
Green peppers.....	35,218	215.11	20,855.16	96.95
Red peppers.....	90,048	1,526.33	43,668.19	28.61
Swiss chard.....	10,591	12.27	1,100.31	89.67
Root Crops.....	226,927	8,606.68	1,170,492.29	
Beetroot.....	7,378	7.24	687.16	94.91
Carrot.....	13,318	9.95	542.48	54.52
Onion.....	150,915	*	*	*
Potatoes.....	43,051	394.59	39,186.74	99.31
Garlic.....	122,272	697.31	72,136.68	103.45
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	9,935	*	*	*
Fruit Crops.....	56,335	899.84	52,446.88	
Avocados.....	*	*	*	*
Bananas.....	23,453	*	*	*
Guavas.....	*	*	*	*
Lemons.....	14,501	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	14,992	*	*	*
Papayas.....	16,510	*	*	*
Pineapples.....	-	-	-	-
Chat.....	21,651	*	*	*
Coffee.....	48,520	*	*	*
Hops.....	128,909	2,142.96	15,579.29	7.27
Sugar Cane.....	17,800	365.18	48,175.08	131.92
Enset.....	*	*	-	-

**Table 6.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

East Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	606,220	640,443.48	10,355,581.09	
Cereals.....	603,324	492,709.77	8,526,136.99	
Teff.....	409,430	225,117.50	3,210,662.82	14.26
Barley.....	211,968	51,053.88	645,193.33	12.64
Wheat.....	315,213	93,554.80	1,677,538.98	17.93
Maize.....	472,452	82,055.70	2,239,784.84	27.30
Sorghum.....	116,454	40,543.59	747,073.89	18.43
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	415,739	118,914.46	1,614,561.37	
Faba beans.....	266,915	39,042.23	536,692.93	13.75
Field peas.....	75,118	9,658.95	112,894.46	11.69
Haricot beans.....	61,610	15,114.90	124,706.47	8.25
Chick-peas.....	85,795	19,451.29	322,385.43	16.57
Lentils.....	24,736	4,285.66	31,048.05	7.24
Grass Peas.....	114,272	25,637.02	431,695.12	16.84
Soya beans.....	*	*	*	*
Fenugreek.....	34,325	3,397.91	27,036.16	7.96
Gibto.....	16,120	1,493.63	*	*
Oilseeds.....	201,791	28,819.24	214,882.73	
Neug.....	84,081	12,890.01	77,121.95	5.98
Linseed.....	18,916	1,984.49	9,756.34	4.92
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	33,545	*	*	*
Rape seed.....	93,636	5,856.70	60,285.51	10.29
Vegetables.....	187,840	1,977.13	136,086.39	
Lettuce.....	*	*	*	*
Head Cabbage.....	57,613	255.27	31,898.06	124.96
Ethiopian Cabbage.....	6,673	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	74,653	355.85	31,602.69	88.81
Red peppers.....	83,603	1,094.22	40,442.44	36.96
Swiss chard.....	*	*	*	*
Root Crops.....	235,393	6,588.18	704,024.93	
Beetroot.....	48,445	*	*	*
Carrot.....	16,243	*	*	*
Onion.....	45,501	865.37	107,140.98	123.81
Potatoes.....	81,384	4,694.07	487,667.33	103.89
Garlic.....	124,536	541.36	72,379.48	133.70
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	22,096	203.26	4,715.69	
Avocados.....	*	*	*	*
Bananas.....	10,148	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	11,398	41.33	294.27	7.12
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	13,143	*	*	*
Coffee.....	17,407	208.09	307.97	1.48
Hops.....	288,827	4,047.12	30,879.53	7.63
Sugar Cane.....	*	*	*	*
Enset.....	*	*	-	-

**Table 6.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

West Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	497,642	598,724.74	10,808,209.90	
Cereals.....	494,721	458,878.30	9,171,112.63	
Teff.....	308,950	128,158.48	1,566,888.07	12.23
Barley.....	92,715	20,224.61	220,702.26	10.91
Wheat.....	150,803	36,565.57	558,731.70	15.28
Maize.....	481,763	187,792.81	5,582,068.74	29.72
Sorghum.....	*	*	*	*
Finger millet.....	201,887	77,417.40	1,106,681.61	14.29
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	293,506	81,420.60	1,100,679.29	
Faba beans.....	190,602	26,801.20	359,812.99	13.43
Field peas.....	67,960	9,350.23	82,403.45	8.81
Haricot beans.....	47,013	7,370.05	75,782.29	10.28
Chick-peas.....	35,966	6,721.22	111,336.22	16.56
Lentils.....	*	*	*	*
Grass Peas.....	79,480	20,982.71	366,633.01	17.47
Soya beans.....	*	*	*	*
Fenugreek.....	21,273	395.48	2,149.52	5.44
Gibto.....	51,505	9,531.01	100,990.73	10.60
Oilseeds.....	272,373	58,425.84	536,417.98	
Neug.....	91,402	25,144.66	162,170.61	6.45
Linseed.....	21,694	1,899.95	8,905.26	4.69
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	189,254	13,620.01	270,198.64	19.84
Vegetables.....	342,163	17,288.11	366,735.18	
Lettuce.....	-	-	-	-
Head Cabbage.....	32,660	157.25	16,789.98	106.77
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	22,222	72.06	5,865.90	81.40
Red peppers.....	313,571	17,054.96	343,657.41	20.15
Swiss chard.....	-	-	-	-
Root Crops.....	206,108	3,025.16	318,755.51	
Beetroot.....	15,153	89.63	6,750.62	75.32
Carrot.....	*	*	*	*
Onion.....	15,908	99.64	12,923.41	129.70
Potatoes.....	52,689	2,302.32	246,463.73	107.05
Garlic.....	147,807	516.31	51,842.33	100.41
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	50,997	321.65	26,802.78	
Avocados.....	5,789	*	*	*
Bananas.....	21,660	*	*	*
Guavas.....	11,764	40.23	1,084.12	26.95
Lemons.....	5,463	*	*	*
Mangoes.....	12,170	39.26	4,574.39	116.52
Oranges.....	7,472	52.71	8,946.79	169.74
Papayas.....	11,904	23.67	1,627.48	68.76
Pineapples.....	-	-	-	-
Chat.....	24,827	*	*	*
Coffee.....	47,765	*	*	*
Hops.....	248,822	3,133.29	24,596.31	7.85
Sugar Cane.....	22,675	*	*	*
Enset.....	-	-	-	-

**Table 6.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Waghemra

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	106,863	114,025.37	1,474,667.13	
Cereals.....	105,423	87,702.47	1,233,473.79	
Teff.....	72,764	25,802.58	293,567.13	11.38
Barley.....	62,846	12,929.84	117,880.10	9.12
Wheat.....	30,999	5,129.56	61,719.58	12.03
Maize.....	71,735	3,339.62	47,000.27	14.07
Sorghum.....	87,032	40,337.11	712,309.38	17.66
Finger millet.....	1,206	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	76,587	18,509.62	189,264.54	
Faba beans.....	41,558	6,966.55	73,424.41	10.54
Field peas.....	30,330	4,185.51	46,792.88	11.18
Haricot beans.....	24,313	4,048.17	43,180.44	10.67
Chick-peas.....	5,183	874.55	6,145.32	7.03
Lentils.....	16,772	2,291.24	18,930.49	8.26
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	7,822	87.26	*	*
Gibto.....	-	-	-	-
Oilseeds.....	47,296	7,813.28	51,928.79	
Neug.....	5,740	369.67	1,798.86	4.87
Linseed.....	19,234	983.14	6,638.19	6.75
Groundnuts.....	*	*	*	*
Safflower.....	9,881	439.21	3,197.52	7.28
Sesame.....	23,974	6,018.16	*	*
Rape seed.....	-	-	-	-
Vegetables.....	13,159	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	2,147	*	*	*
Green peppers.....	8,613	*	*	*
Red peppers.....	3,306	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	19,571	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	2,115	*	*	*
Potatoes.....	11,188	*	*	*
Garlic.....	13,373	59.89	6,809.49	113.70
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	2,361	17.28	*	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	1,494	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 6.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Aw

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	225,323	277,459.22	4,492,816.86	
Cereals.....	222,911	224,883.38	3,956,619.11	
Teff.....	149,051	79,210.96	983,174.98	12.41
Barley.....	52,036	10,470.24	84,531.22	8.07
Wheat.....	64,698	18,826.69	345,318.80	18.34
Maize.....	213,092	59,263.42	1,789,004.13	30.19
Sorghum.....	*	*	*	*
Finger millet.....	103,565	54,095.18	692,086.58	12.79
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	103,487	28,056.38	334,575.24	
Faba beans.....	42,627	7,079.65	108,431.29	15.32
Field peas.....	25,393	3,023.89	28,626.15	9.47
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	13,427	86.51	495.28	5.73
Gibto.....	42,724	13,295.71	144,612.98	10.88
Oilseeds.....	112,368	24,519.46	201,622.51	
Neug.....	33,942	14,614.89	57,010.34	3.90
Linseed.....	3,394	165.44	754.64	4.56
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	72,718	3,827.72	97,560.07	25.49
Vegetables.....	103,411	8,789.74	178,514.90	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	12,022	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	14,597	*	*	*
Red peppers.....	80,196	8,581.53	155,497.24	18.12
Swiss chard.....	-	-	-	-
Root Crops.....	110,225	4,645.53	297,792.15	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	8,159	*	*	*
Potatoes.....	72,262	4,069.60	258,501.05	63.52
Garlic.....	48,136	204.31	23,399.87	114.53
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	10,836	134.87	9,530.14	70.66
Fruit Crops.....	28,491	*	13,919.90	
Avocados.....	*	*	*	*
Bananas.....	10,936	46.69	1,334.93	28.59
Guavas.....	*	*	*	*
Lemons.....	6,487	11.74	3,366.13	286.72
Mangoes.....	7,387	18.24	624.35	34.23
Oranges.....	9,208	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	34,246	688.07	1,431.18	2.08
Hops.....	73,381	552.61	2,304.37	4.17
Sugar Cane.....	13,984	186.09	188,075.57	1,010.67
Enset.....	-	-	-	-

**Table 6.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Oromia Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	87,456	57,307.62	1,037,857.18	
Cereals.....	87,098	49,741.71	953,199.24	
Teff.....	25,145	6,464.19	80,227.14	12.41
Barley.....	4,981	417.99	4,780.22	11.44
Wheat.....	6,860	1,472.88	22,382.05	15.20
Maize.....	55,338	4,484.22	77,560.23	17.30
Sorghum.....	72,759	36,799.35	767,416.56	20.85
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	26,437	2,960.11	41,160.76	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	18,420	1,866.42	21,670.85	11.61
Chick-peas.....	3,882	549.26	*	*
Lentils.....	1,730	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	37,738	4,605.80	43,497.18	
Neug.....	*	*	*	*
Linseed.....	4,549	*	*	*
Groundnuts.....	7,759	*	*	*
Safflower.....	10,351	261.17	3,297.44	12.63
Sesame.....	26,736	3,276.21	25,728.05	7.85
Rape seed.....	2,305	*	*	*
Vegetables.....	22,571	483.68	31,964.43	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	2,405	*	*	*
Tomatoes.....	3,689	*	*	*
Green peppers.....	6,859	153.53	14,985.93	97.61
Red peppers.....	11,697	253.17	4,870.95	19.24
Swiss chard.....	-	-	-	-
Root Crops.....	2,036	21.62	1,326.10	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	27,755	356.57	14,667.51	
Avocados.....	1,268	*	*	*
Bananas.....	5,389	60.90	1,431.23	23.50
Guavas.....	6,371	51.59	942.11	18.26
Lemons.....	3,192	4.57	526.02	115.10
Mangoes.....	8,401	48.40	1,656.65	34.23
Oranges.....	9,861	153.94	8,037.34	52.21
Papayas.....	10,000	33.02	1,872.47	56.71
Pineapples.....	*	*	-	-
Chat.....	24,076	2,301.27	8,146.48	3.54
Coffee.....	17,974	742.58	2,695.56	3.63
Hops.....	-	-	-	-
Sugar Cane.....	1,075	*	*	*
Enset.....	-	-	-	-

**Table 6.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Argoba Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6,967	5,239.61	78,498.84	
Cereals.....	6,949	4,317.00	70,150.00	
Teff.....	1,176	210.97	2,770.31	13.13
Barley.....	188	14.17	127.97	9.03
Wheat.....	120	7.19	50.16	6.98
Maize.....	4,612	500.29	6,972.97	13.94
Sorghum.....	6,658	3,555.94	60,023.60	16.88
Finger millet.....	143	3.01	23.26	7.73
Oats/'Aja'.....	122	*	*	*
Rice.....	-	-	-	-
Pulses.....	2,429	283.10	2,253.71	
Faba beans.....	*	*	-	-
Field peas.....	425	51.20	584.38	11.41
Haricot beans.....	1,775	187.44	1,421.86	7.59
Chick-peas.....	103	10.40	83.76	8.05
Lentils.....	435	30.15	141.82	4.70
Grass Peas.....	*	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	381	2.05	8.79	4.29
Gibto.....	-	-	-	-
Oilseeds.....	3,199	639.51	6,095.13	
Neug.....	*	*	*	*
Linseed.....	545	8.90	41.69	4.68
Groundnuts.....	-	-	-	-
Safflower.....	1,048	43.33	503.26	11.61
Sesame.....	2,346	587.21	5,550.16	9.45
Rape seed.....	-	-	-	-
Vegetables.....	1,825	24.80	548.79	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	135	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	220	1.07	98.88	92.41
Red peppers.....	1,537	23.47	426.91	18.19
Swiss chard.....	-	-	-	-
Root Crops.....	436	*	121.28	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Garlic.....	284	0.47	49.79	105.94
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	136	*	*	*
Fruit Crops.....	926	25.78	1,314.20	
Avocados.....	*	*	*	*
Bananas.....	180	*	*	*
Guavas.....	325	1.41	25.90	18.37
Lemons.....	125	*	*	*
Mangoes.....	342	*	*	*
Oranges.....	143	*	*	*
Papayas.....	384	*	*	*
Pineapples.....	*	*	-	-
Chat.....	166	2.11	21.71	10.29
Coffee.....	508	4.97	23.04	4.64
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Oromia Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	5,278,883	5,492,725.53	108,089,194.20	
Cereals.....	5,185,495	4,457,075.63	95,017,909.86	
Teff.....	2,392,912	1,293,514.25	16,765,432.75	12.96
Barley.....	1,483,061	460,544.73	8,720,510.15	18.94
Wheat.....	1,698,353	740,810.94	16,759,339.68	22.62
Maize.....	3,883,702	1,102,256.20	34,828,992.90	31.60
Sorghum.....	2,178,182	743,379.32	16,267,374.41	21.88
Finger millet.....	429,458	87,061.51	1,183,627.22	13.60
Oats/'Aja'.....	193,215	27,343.84	450,432.86	16.47
Rice.....	22,979	2,164.83	42,199.90	19.49
Pulses.....	2,675,777	636,575.27	9,753,494.13	
Faba beans.....	1,239,513	185,910.75	3,201,412.72	17.22
Field peas.....	433,835	85,958.69	1,121,530.77	13.05
Haricot beans.....	1,168,699	153,814.40	1,948,426.10	12.67
Chick-peas.....	295,776	87,721.26	1,629,503.93	18.58
Lentils.....	266,984	36,827.56	481,709.86	13.08
Grass Peas.....	238,815	58,085.55	1,013,841.11	17.45
Soya beans.....	42,058	10,679.44	*	*
Fenugreek.....	334,499	17,347.91	154,675.79	8.92
Gibto.....	1,513	*	-	-
Oilseeds.....	1,386,143	399,074.64	3,317,790.21	
Neug.....	484,746	193,175.26	1,087,003.21	5.63
Linseed.....	369,580	69,996.56	818,504.03	11.69
Groundnuts.....	176,871	42,348.13	633,202.38	14.95
Safflower.....	21,985	*	4,757.63	*
Sesame.....	268,681	78,748.66	552,783.96	7.02
Rape seed.....	344,974	13,952.84	221,539.00	15.88
Vegetables.....	2,443,530	68,344.63	3,371,793.27	
Lettuce.....	15,205	*	*	*
Head Cabbage.....	349,944	2,826.33	202,336.78	71.59
Ethiopian Cabbage....	1,322,983	11,469.83	1,208,666.80	105.38
Tomatoes.....	107,516	5,035.31	562,790.24	111.77
Green peppers.....	736,692	3,381.91	310,069.78	91.68
Red peppers.....	793,582	45,363.14	1,078,141.45	23.77
Swiss chard.....	45,559	158.37	7,872.53	49.71
Root Crops.....	2,161,447	84,860.99	6,232,737.58	
Beetroot.....	344,972	1,677.41	168,880.38	100.68
Carrot.....	109,338	*	*	*
Onion.....	435,578	15,639.41	1,282,128.98	81.98
Potatoes.....	402,544	28,166.61	2,005,344.72	71.20
Garlic.....	520,405	6,612.24	444,389.54	67.21
Taro/'Godere'.....	489,096	7,517.47	480,150.70	63.87
Sweet potatoes.....	675,670	22,580.41	1,748,459.08	77.43
Fruit Crops.....	1,123,238	21,733.55	1,658,953.06	
Avocados.....	276,358	3,049.28	218,255.57	71.58
Bananas.....	800,518	12,834.82	885,940.99	69.03
Guavas.....	81,348	432.77	6,997.64	16.17
Lemons.....	27,551	160.15	8,293.97	51.79
Mangoes.....	355,920	3,384.01	267,149.17	78.94
Oranges.....	156,585	1,090.36	134,275.58	123.15
Papayas.....	183,546	746.91	136,674.72	182.99
Pineapples.....	14,203	35.25	1,365.42	38.74
Chat.....	1,453,797	125,849.13	1,159,811.88	9.22
Coffee.....	1,675,565	368,405.31	2,621,975.17	7.12
Hops.....	431,709	4,591.18	94,503.58	20.58
Sugar Cane.....	388,565	7,828.39	2,635,346.11	336.64
Enset.....	1,500,259	94,044.94	1,868,565.84	19.87

**Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

West Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	261,015	256,103.50	4,440,704.04	
Cereals.....	258,119	197,986.69	4,038,436.88	
Teff.....	106,472	36,607.29	335,849.65	9.17
Barley.....	34,771	1,230.58	8,281.43	6.73
Wheat.....	42,781	2,768.84	30,177.53	10.90
Maize.....	243,934	68,759.73	2,183,404.39	31.75
Sorghum.....	204,198	51,207.31	1,090,626.62	21.30
Finger millet.....	131,920	37,238.08	389,903.22	10.47
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	155,535	17,911.42	152,974.28	
Faba beans.....	56,523	3,451.15	34,868.92	10.10
Field peas.....	29,499	971.62	6,817.57	7.02
Haricot beans.....	118,011	11,407.39	97,922.97	8.58
Chick-peas.....	7,071	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	5,699	104.44	378.74	3.63
Soya beans.....	*	*	*	*
Fenugreek.....	11,295	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	161,727	40,205.39	249,292.87	
Neug.....	96,013	25,448.99	138,166.30	5.43
Linseed.....	19,518	1,050.10	3,728.70	3.55
Groundnuts.....	9,451	307.22	2,211.54	7.20
Safflower.....	*	*	*	*
Sesame.....	35,050	*	*	*
Rape seed.....	53,599	1,473.98	23,055.39	15.64
Vegetables.....	149,293	2,825.55	112,570.40	
Lettuce.....	-	-	-	-
Head Cabbage.....	19,733	51.80	3,051.10	58.90
Ethiopian Cabbage....	26,675	335.29	38,300.18	114.23
Tomatoes.....	*	18.47	2,228.07	120.63
Green peppers.....	18,087	110.18	10,766.03	97.71
Red peppers.....	113,514	2,309.03	58,164.42	25.19
Swiss chard.....	*	*	*	*
Root Crops.....	160,373	4,444.58	380,440.83	
Beetroot.....	14,712	57.57	7,596.96	131.96
Carrot.....	8,418	18.63	1,432.62	76.90
Onion.....	11,675	*	*	*
Potatoes.....	3,695	*	*	*
Garlic.....	19,237	40.98	3,770.54	92.01
Taro/'Godere'.....	53,343	437.74	37,151.21	84.87
Sweet potatoes.....	128,064	3,648.76	310,874.46	85.20
Fruit Crops.....	171,102	4,043.02	315,052.98	
Avocados.....	42,552	555.73	38,440.00	69.17
Bananas.....	125,134	2,032.08	151,654.07	74.63
Guavas.....	*	*	*	*
Lemons.....	4,250	*	*	*
Mangoes.....	68,261	916.86	77,795.38	84.85
Oranges.....	47,935	419.90	33,470.28	79.71
Papayas.....	25,101	63.67	12,175.28	191.22
Pineapples.....	*	*	*	*
Chat.....	58,792	2,505.58	26,108.14	10.42
Coffee.....	213,345	69,842.14	439,307.09	6.29
Hops.....	31,749	211.39	2,371.81	11.22
Sugar Cane.....	18,703	617.14	215,164.63	348.65
Enset.....	18,644	109.22	831.24	7.61

**Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

East Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	219,095	353,820.02	7,613,007.29	
Cereals.....	216,739	267,833.11	6,944,330.41	
Teff.....	119,431	73,520.70	945,338.56	12.86
Barley.....	33,409	4,597.92	65,608.35	14.27
Wheat.....	43,494	7,806.99	123,569.41	15.83
Maize.....	205,235	111,413.61	4,338,050.82	38.94
Sorghum.....	116,120	53,900.89	1,270,556.97	23.57
Finger millet.....	59,782	15,979.69	191,951.84	12.01
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	90,241	15,619.45	237,217.10	
Faba beans.....	50,303	5,849.58	76,370.71	13.06
Field peas.....	16,696	2,376.16	24,842.28	10.45
Haricot beans.....	32,787	1,617.30	28,080.72	17.36
Chick-peas.....	6,308	840.00	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	16,471	185.12	612.97	3.31
Gibto.....	-	-	-	-
Oilseeds.....	145,373	70,367.46	431,459.78	
Neug.....	81,090	36,679.51	153,204.07	4.18
Linseed.....	3,727	*	*	*
Groundnuts.....	22,120	*	*	*
Safflower.....	*	*	*	*
Sesame.....	58,453	22,417.76	142,406.22	6.35
Rape seed.....	36,892	1,669.25	22,471.21	13.46
Vegetables.....	135,912	3,933.88	112,131.36	
Lettuce.....	-	-	-	-
Head Cabbage.....	15,629	59.87	3,225.99	53.88
Ethiopian Cabbage....	15,013	139.50	11,331.77	81.23
Tomatoes.....	2,977	*	*	*
Green peppers.....	31,852	189.13	13,592.77	71.87
Red peppers.....	103,355	3,453.89	78,506.82	22.73
Swiss chard.....	*	*	*	*
Root Crops.....	99,545	2,651.25	238,368.72	
Beetroot.....	18,812	72.14	6,057.90	83.97
Carrot.....	5,473	*	*	*
Onion.....	25,982	240.34	22,260.08	92.62
Potatoes.....	10,357	*	*	*
Garlic.....	30,066	113.73	15,158.35	133.28
Taro/'Godere'.....	15,053	60.47	3,331.14	55.09
Sweet potatoes.....	46,399	1,493.25	144,128.49	96.52
Fruit Crops.....	70,557	1,061.76	61,926.54	
Avocados.....	3,591	*	*	*
Bananas.....	40,282	589.72	21,076.45	35.74
Guavas.....	*	*	*	*
Lemons.....	1,876	*	*	*
Mangoes.....	39,705	421.31	33,384.79	79.24
Oranges.....	1,365	*	*	*
Papayas.....	6,353	15.04	4,223.41	280.81
Pineapples.....	-	-	-	-
Chat.....	30,397	742.74	8,489.56	11.43
Coffee.....	80,167	9,319.81	65,797.90	7.06
Hops.....	36,424	365.95	7,103.01	19.41
Sugar Cane.....	7,845	204.79	364.53	1.78
Enset.....	*	*	*	*

**Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Illubabor

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	282,029	262,051.26	5,050,309.78	
Cereals.....	278,907	220,693.17	4,675,486.33	
Teff.....	151,713	75,490.48	755,544.33	10.01
Barley.....	37,283	4,904.81	43,966.37	8.96
Wheat.....	40,712	4,941.52	66,280.74	13.41
Maize.....	257,119	85,929.75	2,707,741.84	31.51
Sorghum.....	160,017	41,351.22	951,078.09	23.00
Finger millet.....	44,200	6,910.43	123,660.70	17.89
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	163,859	24,463.88	250,848.70	
Faba beans.....	65,419	8,252.85	81,910.75	9.93
Field peas.....	33,305	7,022.95	49,323.15	7.02
Haricot beans.....	101,675	4,407.44	40,898.59	9.28
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	21,133	*	*	*
Fenugreek.....	18,444	204.22	1,168.22	5.72
Gibto.....	*	-	-	-
Oilseeds.....	83,594	16,894.20	123,974.75	
Neug.....	34,283	8,092.82	37,674.35	4.66
Linseed.....	6,511	186.97	1,150.69	6.15
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	23,562	*	*	*
Rape seed.....	21,277	644.60	10,545.70	16.36
Vegetables.....	179,206	6,008.65	227,178.29	
Lettuce.....	*	*	*	*
Head Cabbage.....	50,664	125.07	12,338.62	98.65
Ethiopian Cabbage....	86,433	761.24	85,274.04	112.02
Tomatoes.....	2,829	*	*	*
Green peppers.....	67,856	294.80	26,301.76	89.22
Red peppers.....	79,516	4,820.79	102,586.47	21.28
Swiss chard.....	*	*	*	*
Root Crops.....	155,270	2,049.56	174,254.52	
Beetroot.....	46,496	91.14	9,678.84	106.20
Carrot.....	5,589	7.39	627.35	84.89
Onion.....	23,984	56.27	5,803.51	103.14
Potatoes.....	4,346	*	*	*
Garlic.....	28,884	41.28	51.61	1.25
Taro/'Godere'.....	85,114	775.42	66,515.92	85.78
Sweet potatoes.....	43,309	908.64	84,139.87	92.60
Fruit Crops.....	121,954	1,854.41	119,541.02	
Avocados.....	22,931	153.08	4,410.20	28.81
Bananas.....	90,475	1,049.31	52,465.62	50.00
Guavas.....	6,353	*	*	*
Lemons.....	3,943	*	*	*
Mangoes.....	44,760	466.85	33,538.56	71.84
Oranges.....	13,464	33.63	3,056.82	90.90
Papayas.....	29,088	87.70	24,069.54	274.45
Pineapples.....	1,682	*	*	*
Chat.....	93,750	2,789.03	29,229.03	10.48
Coffee.....	184,706	62,119.71	400,050.96	6.44
Hops.....	10,591	*	*	*
Sugar Cane.....	40,445	545.25	194,555.16	356.82
Enset.....	155,681	2,276.26	19,161.57	8.42

**Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Jimma

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	570,769	494,720.18	8,447,822.26	
Cereals.....	559,606	431,018.60	7,856,435.33	
Teff.....	421,578	174,912.15	2,153,713.16	12.31
Barley.....	135,118	15,811.66	203,772.62	12.89
Wheat.....	134,369	29,629.26	401,455.81	13.55
Maize.....	411,572	135,710.98	3,824,097.76	28.18
Sorghum.....	281,541	71,843.53	1,236,304.71	17.21
Finger millet.....	16,295	1,805.68	19,506.92	10.80
Oats/'Aja'.....	24,634	1,301.83	17,584.35	13.51
Rice.....	*	*	-	-
Pulses.....	273,096	35,179.59	401,256.19	
Faba beans.....	169,888	21,797.38	272,939.95	12.52
Field peas.....	45,311	9,197.10	94,387.44	10.26
Haricot beans.....	107,428	2,027.02	12,880.41	6.35
Chick-peas.....	8,183	*	*	*
Lentils.....	27,639	832.51	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	162,988	28,521.99	190,130.74	
Neug.....	54,026	16,069.48	53,190.38	3.31
Linseed.....	57,544	2,800.98	11,366.95	4.06
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	49,950	2,054.00	*	*
Vegetables.....	458,894	5,925.92	377,342.98	
Lettuce.....	2,905	*	-	-
Head Cabbage.....	88,513	221.96	24,461.66	110.21
Ethiopian Cabbage....	363,268	1,701.18	185,224.41	108.88
Tomatoes.....	22,149	*	*	*
Green peppers.....	212,617	590.63	58,838.42	99.62
Red peppers.....	80,508	3,160.95	80,825.42	25.57
Swiss chard.....	*	*	*	*
Root Crops.....	365,658	6,911.02	395,455.88	
Beetroot.....	56,995	92.84	9,289.52	100.06
Carrot.....	8,933	7.12	455.17	63.93
Onion.....	31,872	57.67	5,969.34	103.51
Potatoes.....	25,431	450.12	1,125.31	2.50
Garlic.....	56,393	118.45	12,575.61	106.17
Taro/'Godere'.....	288,588	5,860.79	341,625.39	58.29
Sweet potatoes.....	32,619	*	*	*
Fruit Crops.....	334,571	6,245.14	561,230.78	
Avocados.....	149,513	1,691.11	134,426.02	79.49
Bananas.....	252,819	2,940.57	248,125.22	84.38
Guavas.....	47,090	151.08	2,708.87	17.93
Lemons.....	4,762	*	*	*
Mangoes.....	119,217	864.80	79,993.75	92.50
Oranges.....	62,403	293.24	47,768.61	162.90
Papayas.....	64,170	256.14	46,279.53	180.68
Pineapples.....	*	*	*	*
Chat.....	360,502	14,851.40	147,177.40	9.91
Coffee.....	440,506	99,702.47	776,682.28	7.79
Hops.....	25,136	*	*	*
Sugar Cane.....	171,742	1,845.19	782,768.20	424.22
Enset.....	485,464	15,691.99	323,694.37	20.63

**Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	479,686	592,086.02	12,317,561.09	
Cereals.....	475,638	500,886.97	10,911,342.09	
Teff.....	283,301	192,446.49	2,883,080.69	14.98
Barley.....	153,877	78,787.44	1,484,071.24	18.84
Wheat.....	162,332	46,003.42	1,000,143.28	21.74
Maize.....	323,503	94,732.66	2,893,500.07	30.54
Sorghum.....	198,010	87,502.79	2,630,117.25	30.06
Finger millet.....	*	*	*	*
Oats/'Aja'.....	12,609	634.37	11,319.45	17.84
Rice.....	-	-	-	-
Pulses.....	201,042	52,747.22	1,031,826.54	
Faba beans.....	135,554	21,277.31	415,104.71	19.51
Field peas.....	37,968	5,535.94	87,504.26	15.81
Haricot beans.....	7,489	*	*	*
Chick-peas.....	36,935	5,836.46	*	*
Lentils.....	20,027	*	*	*
Grass Peas.....	49,115	17,250.14	383,390.62	22.23
Soya beans.....	-	-	-	-
Fenugreek.....	15,020	*	3,017.99	*
Gibto.....	-	-	-	-
Oilseeds.....	100,336	38,451.83	374,392.46	
Neug.....	62,909	30,161.32	269,121.41	8.92
Linseed.....	18,511	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	-	-
Rape seed.....	21,533	*	8,316.63	*
Vegetables.....	255,991	6,349.37	208,091.38	
Lettuce.....	*	*	-	-
Head Cabbage.....	41,563	*	*	*
Ethiopian Cabbage.....	116,214	676.88	75,573.93	111.65
Tomatoes.....	*	*	*	*
Green peppers.....	62,492	188.45	16,321.49	86.61
Red peppers.....	104,274	5,093.58	77,371.52	15.19
Swiss chard.....	10,146	*	*	*
Root Crops.....	216,126	7,395.95	574,266.60	
Beetroot.....	67,732	199.07	20,762.87	104.30
Carrot.....	19,109	28.40	3,833.18	134.97
Onion.....	93,497	465.95	44,735.71	96.01
Potatoes.....	76,348	5,968.92	430,538.06	72.13
Garlic.....	108,326	513.05	57,816.07	112.69
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	11,145	218.16	16,438.41	75.35
Fruit Crops.....	39,687	253.18	17,295.73	
Avocados.....	*	*	*	*
Bananas.....	25,456	189.36	11,138.05	58.82
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	11,629	33.01	1,847.45	55.97
Oranges.....	4,057	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	16,075	*	*	*
Coffee.....	27,040	*	*	*
Hops.....	98,481	583.25	14,598.72	25.03
Sugar Cane.....	24,898	1,017.53	101,234.22	99.49
Enset.....	174,067	3,659.55	30,758.53	8.41

**Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	301,666	418,962.20	6,426,235.03	
Cereals.....	297,899	328,588.62	5,107,701.77	
Teff.....	212,883	137,254.59	1,809,938.07	13.19
Barley.....	120,854	69,152.61	1,286,932.45	18.61
Wheat.....	146,545	64,953.44	1,044,588.66	16.08
Maize.....	116,654	6,984.07	110,016.93	15.75
Sorghum.....	88,745	48,778.86	839,639.50	17.21
Finger millet.....	*	*	*	*
Oats/'Aja'.....	16,548	1,429.88	16,474.70	11.52
Rice.....	*	*	-	-
Pulses.....	174,879	82,508.94	1,263,682.48	
Faba beans.....	128,164	37,235.56	654,022.41	17.56
Field peas.....	25,005	6,274.93	61,707.87	9.83
Haricot beans.....	*	*	*	*
Chick-peas.....	45,133	12,791.00	175,628.47	13.73
Lentils.....	41,454	7,711.90	100,887.70	13.08
Grass Peas.....	64,718	14,797.62	229,792.29	15.53
Soya beans.....	-	-	-	-
Fenugreek.....	11,349	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	58,543	7,864.65	54,850.78	
Neug.....	24,388	3,966.92	21,220.13	5.35
Linseed.....	22,153	3,737.99	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	-	-	-
Rape seed.....	9,602	129.56	980.38	7.57
Vegetables.....	101,204	558.29	42,459.48	
Lettuce.....	*	*	-	-
Head Cabbage.....	2,289	*	*	*
Ethiopian Cabbage.....	79,262	264.03	25,977.77	98.39
Tomatoes.....	4,650	*	*	*
Green peppers.....	14,496	66.99	6,673.92	99.63
Red peppers.....	*	*	*	*
Swiss chard.....	11,195	*	*	*
Root Crops.....	89,458	*	158,278.81	
Beetroot.....	7,403	4.82	510.74	105.96
Carrot.....	5,131	*	*	*
Onion.....	16,146	*	*	*
Potatoes.....	19,289	*	*	*
Garlic.....	68,978	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	2,173	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	4,399	*	*	*
Hops.....	53,111	568.94	10,929.35	19.21
Sugar Cane.....	*	*	*	*
Enset.....	13,288	*	*	*

**Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

East Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	281,138	442,054.53	9,007,982.69	
Cereals.....	273,236	346,604.52	7,294,437.19	
Teff.....	197,091	183,272.56	2,573,358.31	14.04
Barley.....	59,194	10,958.50	209,282.05	19.10
Wheat.....	120,104	55,665.56	1,340,232.64	24.08
Maize.....	194,256	89,730.74	3,089,003.58	34.43
Sorghum.....	27,752	6,356.48	76,478.52	12.03
Finger millet.....	*	*	*	*
Oats/'Aja'.....	2,721	272.55	*	*
Rice.....	*	*	-	-
Pulses.....	180,400	95,024.72	1,711,230.23	
Faba beans.....	61,567	9,679.34	226,145.59	23.36
Field peas.....	20,245	4,034.55	73,632.81	18.25
Haricot beans.....	116,224	40,965.17	622,662.70	15.20
Chick-peas.....	42,639	22,700.78	510,926.18	22.51
Lentils.....	48,566	13,227.41	209,878.24	15.87
Grass Peas.....	21,796	3,735.44	65,085.35	17.42
Soya beans.....	-	-	-	-
Fenugreek.....	7,583	*	2,899.37	*
Gibto.....	*	*	-	-
Oilseeds.....	13,474	425.29	*	
Neug.....	-	-	-	-
Linseed.....	5,982	316.29	*	*
Groundnuts.....	-	-	-	-
Safflower.....	2,687	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	5,379	71.09	*	*
Vegetables.....	63,917	*	*	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	38,702	621.72	62,016.28	99.75
Tomatoes.....	9,492	*	*	*
Green peppers.....	22,768	140.89	12,963.35	92.01
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	37,388	2,251.91	233,697.30	
Beetroot.....	2,379	*	*	*
Carrot.....	*	*	*	*
Onion.....	22,870	1,797.67	181,582.94	101.01
Potatoes.....	3,102	*	*	*
Garlic.....	19,329	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	6,911	93.21	4,309.08	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	1,707	*	*	*
Oranges.....	*	*	*	*
Papayas.....	3,041	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	2,218	*	*	*
Hops.....	21,859	516.04	13,189.88	25.56
Sugar Cane.....	*	*	*	*
Enset.....	281,138	*	*	*

**Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	502,111	579,878.25	12,389,717.56	
Cereals.....	494,621	487,142.53	10,914,739.10	
Teff.....	213,880	92,605.51	1,182,431.63	12.77
Barley.....	228,316	84,464.66	1,878,043.83	22.23
Wheat.....	299,811	192,152.92	4,942,743.65	25.72
Maize.....	319,484	78,267.23	1,923,181.04	24.57
Sorghum.....	119,839	38,072.47	968,742.45	25.44
Finger millet.....	-	-	-	-
Oats/'Aja'.....	21,059	1,466.65	19,596.51	13.36
Rice.....	*	*	-	-
Pulses.....	275,235	64,315.90	1,122,088.12	
Faba beans.....	168,959	30,431.32	675,254.40	22.19
Field peas.....	61,193	12,813.88	230,167.57	17.96
Haricot beans.....	83,881	16,401.18	175,782.78	10.72
Chick-peas.....	5,014	*	*	*
Lentils.....	28,767	1,435.39	10,013.12	6.98
Grass Peas.....	11,092	679.17	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	36,470	2,197.30	19,890.47	9.05
Gibto.....	-	-	-	-
Oilseeds.....	101,250	28,419.82	352,890.34	
Neug.....	17,720	*	*	*
Linseed.....	67,101	24,372.64	320,332.61	13.14
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	17,433	668.93	7,516.19	11.24
Vegetables.....	158,653	4,036.50	284,794.29	
Lettuce.....	*	*	-	-
Head Cabbage.....	28,984	353.25	19,033.35	53.88
Ethiopian Cabbage....	85,125	1,036.13	107,290.93	103.55
Tomatoes.....	11,311	*	*	*
Green peppers.....	49,528	377.49	36,672.96	97.15
Red peppers.....	28,251	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	147,942	14,448.03	947,165.18	
Beetroot.....	26,318	356.87	35,066.21	98.26
Carrot.....	24,729	*	*	*
Onion.....	61,103	*	*	*
Potatoes.....	31,190	*	*	*
Garlic.....	39,791	592.66	82,747.73	139.62
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	9,730	*	*	*
Fruit Crops.....	14,380	*	*	
Avocados.....	*	*	*	*
Bananas.....	11,434	429.55	21,541.88	50.15
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	41,949	4,261.94	29,492.62	6.92
Coffee.....	54,919	7,291.94	57,533.42	7.89
Hops.....	28,112	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	16,934	161.60	4,213.38	26.07

**Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

West Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	352,577	231,204.52	5,571,097.10	
Cereals.....	351,601	206,350.34	5,176,049.78	
Teff.....	59,324	8,557.48	92,178.62	10.77
Barley.....	62,709	3,866.47	61,018.46	15.78
Wheat.....	25,659	2,080.87	37,083.44	17.82
Maize.....	299,088	67,695.96	2,115,057.50	31.24
Sorghum.....	299,934	122,383.85	2,840,659.65	23.21
Finger millet.....	23,882	1,561.11	*	*
Oats/'Aja'.....	6,233	157.19	*	*
Rice.....	*	*	*	*
Pulses.....	166,153	17,379.78	240,936.14	
Faba beans.....	15,671	1,116.09	12,279.65	11.00
Field peas.....	*	*	*	*
Haricot beans.....	128,800	12,415.32	171,101.91	13.78
Chick-peas.....	18,370	*	*	*
Lentils.....	12,551	351.61	3,360.77	9.56
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	30,378	1,614.30	*	*
Gibto.....	*	*	-	-
Oilseeds.....	91,560	7,474.39	154,111.19	
Neug.....	*	*	*	*
Linseed.....	32,406	680.66	5,086.10	7.47
Groundnuts.....	25,410	2,118.47	*	*
Safflower.....	*	*	-	-
Sesame.....	41,361	4,448.04	68,390.19	15.38
Rape seed.....	7,227	214.31	5,809.97	27.11
Vegetables.....	121,508	6,733.07	236,264.95	
Lettuce.....	*	*	-	-
Head Cabbage.....	7,454	*	*	*
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	23,320	*	*	*
Green peppers.....	16,308	134.90	12,753.25	94.54
Red peppers.....	94,137	5,957.43	148,935.75	25.00
Swiss chard.....	*	*	*	*
Root Crops.....	144,756	6,690.28	474,723.53	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	41,961	1,803.52	209,334.28	116.07
Potatoes.....	6,688	*	*	*
Garlic.....	2,331	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	107,528	4,378.40	248,342.79	56.72
Fruit Crops.....	55,930	933.00	56,886.37	
Avocados.....	-	-	-	-
Bananas.....	40,859	*	*	*
Guavas.....	6,788	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	5,970	21.85	3,823.92	175.01
Pineapples.....	-	-	-	-
Chat.....	237,594	25,713.33	161,736.86	6.29
Coffee.....	132,552	14,880.84	77,826.77	5.23
Hops.....	6,025	*	*	*
Sugar Cane.....	31,126	997.82	468,436.33	469.46
Enset.....	*	*	*	*

**Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

East Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	490,606	263,579.24	5,545,135.62	
Cereals.....	489,284	229,336.54	5,049,777.29	
Teff.....	59,003	3,889.44	40,447.98	10.40
Barley.....	79,387	4,192.60	68,489.15	16.34
Wheat.....	107,076	9,968.58	185,079.37	18.57
Maize.....	432,474	64,774.59	1,870,555.21	28.88
Sorghum.....	401,017	145,770.66	2,877,023.98	19.74
Finger millet.....	*	*	*	*
Oats/'Aja'.....	16,162	681.92	7,770.32	11.39
Rice.....	-	-	-	-
Pulses.....	194,683	11,026.74	190,165.96	
Faba beans.....	38,917	2,695.30	*	*
Field peas.....	6,821	*	*	*
Haricot beans.....	110,706	5,734.96	113,333.65	19.76
Chick-peas.....	4,265	*	*	*
Lentils.....	12,228	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	85,944	1,751.67	18,874.21	10.77
Gibto.....	-	-	-	-
Oilseeds.....	159,777	23,215.96	305,192.38	
Neug.....	-	-	-	-
Linseed.....	65,769	1,510.88	13,016.53	8.62
Groundnuts.....	86,924	21,319.74	286,123.85	13.42
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	48,519	416.55	32,537.59	
Lettuce.....	*	*	*	*
Head Cabbage.....	7,290	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	7,914	60.49	8,032.66	132.79
Green peppers.....	14,592	*	*	*
Red peppers.....	18,871	152.31	4,375.90	28.73
Swiss chard.....	-	-	-	-
Root Crops.....	245,090	9,756.51	877,238.91	
Beetroot.....	3,194	*	*	*
Carrot.....	*	*	*	*
Onion.....	24,538	304.92	35,593.50	116.73
Potatoes.....	33,191	*	*	*
Garlic.....	17,100	138.31	20,485.14	148.11
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	207,542	7,773.80	676,942.48	87.08
Fruit Crops.....	50,882	684.68	42,706.48	
Avocados.....	*	*	*	*
Bananas.....	38,476	590.21	37,354.64	63.29
Guavas.....	7,323	18.53	285.97	15.43
Lemons.....	-	-	-	-
Mangoes.....	6,832	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	435,969	56,611.91	577,441.48	10.20
Coffee.....	122,257	5,455.88	39,937.02	7.32
Hops.....	*	*	*	*
Sugar Cane.....	17,113	435.42	203,078.31	466.40
Enset.....	-	-	-	-

**Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Bale				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	295,190	354,710.82	6,258,949.24	
Cereals.....	286,037	291,691.68	5,508,735.35	
Teff.....	95,580	41,858.35	474,286.46	11.33
Barley.....	112,646	45,206.06	793,434.44	17.55
Wheat.....	154,727	124,085.02	2,747,382.40	22.14
Maize.....	167,941	42,788.17	867,380.37	20.27
Sorghum.....	57,359	18,601.64	294,695.30	15.84
Finger millet.....	*	*	-	-
Oats/'Aja'.....	72,269	19,101.20	331,556.38	17.36
Rice.....	-	-	-	-
Pulses.....	115,996	26,828.13	414,129.44	
Faba beans.....	48,011	9,600.21	192,246.40	20.03
Field peas.....	24,671	7,871.72	143,244.91	18.20
Haricot beans.....	45,948	3,754.43	34,990.03	9.32
Chick-peas.....	8,814	*	7,969.45	*
Lentils.....	16,810	1,338.24	12,502.52	9.34
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	20,254	2,944.06	22,273.56	7.57
Gibto.....	-	-	-	-
Oilseeds.....	68,147	36,191.01	336,084.45	
Neug.....	*	*	*	*
Linseed.....	28,295	17,473.12	217,989.58	12.48
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	35,978	18,302.19	*	*
Rape seed.....	*	*	*	*
Vegetables.....	61,144	4,598.85	162,252.26	
Lettuce.....	*	*	-	-
Head Cabbage.....	4,179	*	*	*
Ethiopian Cabbage.....	27,598	347.76	35,078.41	100.87
Tomatoes.....	2,940	*	*	*
Green peppers.....	16,011	185.66	16,705.24	89.98
Red peppers.....	21,098	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	39,262	2,120.44	89,746.01	
Beetroot.....	4,818	56.39	4,042.95	71.70
Carrot.....	*	*	*	*
Onion.....	12,685	236.29	20,467.74	86.62
Potatoes.....	6,250	*	*	*
Garlic.....	5,386	65.29	5,421.86	83.04
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	24,181	798.41	63,943.95	
Avocados.....	1,652	*	*	*
Bananas.....	10,794	*	*	*
Guavas.....	1,698	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	10,435	252.41	6,837.69	27.09
Oranges.....	*	*	*	*
Papayas.....	3,365	*	*	*
Pineapples.....	-	-	-	-
Chat.....	46,163	11,064.20	73,355.64	6.63
Coffee.....	43,284	13,379.78	93,524.63	6.99
Hops.....	9,906	165.17	3,620.49	21.92
Sugar Cane.....	6,411	*	*	*
Enset.....	*	*	*	*

**Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Borena

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	101,597	36,476.28	696,904.56	
Cereals.....	90,894	24,788.53	580,306.72	
Teff.....	17,379	3,679.92	33,583.23	9.13
Barley.....	6,827	*	2,965.24	*
Wheat.....	7,456	1,244.78	17,717.11	14.23
Maize.....	80,469	13,418.36	446,046.65	33.24
Sorghum.....	14,154	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	61,201	11,560.91	115,786.34	
Faba beans.....	*	*	*	*
Field peas.....	*	*	-	-
Haricot beans.....	59,121	10,150.13	106,740.11	10.52
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	37,143	591.10	49,868.22	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	29,763	484.05	42,402.98	87.60
Tomatoes.....	2,213	*	*	*
Green peppers.....	9,833	98.67	6,912.14	70.05
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	19,714	684.65	68,082.02	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	5,247	*	*	*
Sweet potatoes.....	15,400	593.85	60,388.63	101.69
Fruit Crops.....	32,411	1,006.31	49,209.04	
Avocados.....	11,321	190.75	12,507.56	65.57
Bananas.....	18,951	786.73	34,128.42	43.38
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	16,698	1,100.32	6,183.81	5.62
Coffee.....	63,193	12,366.72	123,914.54	10.02
Hops.....	*	*	*	*
Sugar Cane.....	6,531	141.64	63,406.20	447.66
Enset.....	58,205	6,202.42	130,554.71	21.05

**Table 7.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

South West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	285,791	335,323.06	5,744,853.72	
Cereals.....	277,219	241,845.98	4,259,710.83	
Teff.....	190,946	134,391.58	1,863,024.41	13.86
Barley.....	100,601	23,723.59	403,946.76	17.03
Wheat.....	152,107	57,264.33	1,216,539.58	21.24
Maize.....	177,336	21,298.62	698,115.09	32.78
Sorghum.....	29,381	4,740.48	73,711.97	15.55
Finger millet.....	*	*	-	-
Oats/'Aja'.....	3,430	*	*	*
Rice.....	*	*	*	*
Pulses.....	189,866	80,096.15	1,386,047.22	
Faba beans.....	113,968	9,281.12	144,864.63	15.61
Field peas.....	42,050	9,985.39	139,044.54	13.92
Haricot beans.....	18,079	438.95	*	*
Chick-peas.....	85,909	35,446.73	709,643.06	20.02
Lentils.....	45,722	8,408.91	95,992.15	11.42
Grass Peas.....	70,772	15,793.00	280,302.32	17.75
Soya beans.....	*	*	-	-
Fenugreek.....	10,742	738.03	7,323.36	9.92
Gibto.....	*	*	-	-
Oilseeds.....	65,007	13,380.93	99,095.67	
Neug.....	25,438	8,432.11	47,849.87	5.67
Linseed.....	17,147	4,425.22	45,593.62	10.30
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	29,320	465.18	5,321.02	11.44
Vegetables.....	196,532	2,974.38	172,429.07	
Lettuce.....	6,944	*	-	-
Head Cabbage.....	33,000	53.97	5,423.20	100.49
Ethiopian Cabbage.....	140,757	740.77	90,803.84	122.58
Tomatoes.....	2,837	*	*	*
Green peppers.....	99,967	270.33	27,024.64	99.97
Red peppers.....	*	*	*	*
Swiss chard.....	16,427	*	*	*
Root Crops.....	119,425	1,309.96	51,542.00	
Beetroot.....	46,597	96.24	10,037.82	104.30
Carrot.....	9,431	11.42	1,541.13	134.95
Onion.....	23,277	246.49	23,665.71	96.01
Potatoes.....	45,751	821.65	2,013.05	2.45
Garlic.....	51,266	116.48	13,126.53	112.69
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	3,459	*	*	*
Fruit Crops.....	31,825	214.87	15,521.93	
Avocados.....	8,627	24.44	1,306.03	53.44
Bananas.....	19,627	*	*	*
Guavas.....	*	*	*	*
Lemons.....	3,494	11.04	622.37	56.37
Mangoes.....	4,456	*	*	*
Oranges.....	4,978	*	*	*
Papayas.....	8,623	*	*	*
Pineapples.....	-	-	-	-
Chat.....	49,172	*	*	*
Coffee.....	27,575	282.81	1,623.30	5.74
Hops.....	55,999	312.50	7,821.81	25.03
Sugar Cane.....	17,974	100.72	10,020.27	99.49
Enset.....	162,697	10,081.16	76,727.72	7.61

**Table 7.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Guji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	193,633	127,206.49	2,876,507.99	
Cereals.....	188,533	102,444.46	2,483,982.43	
Teff.....	47,154	15,005.90	170,259.08	11.35
Barley.....	67,318	30,783.94	471,842.89	15.33
Wheat.....	18,896	5,677.87	119,861.35	21.11
Maize.....	141,369	50,937.94	1,721,907.24	33.80
Sorghum.....	*	*	-	-
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	107,532	24,713.31	392,387.70	
Faba beans.....	51,270	7,080.80	107,322.09	15.16
Field peas.....	16,610	5,371.48	49,025.24	9.13
Haricot beans.....	52,543	11,972.94	230,087.27	19.22
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	93,433	2,062.48	174,348.03	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	86,204	1,794.83	157,227.49	87.60
Tomatoes.....	*	*	*	*
Green peppers.....	15,022	175.29	12,279.09	70.05
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	*	*
Root Crops.....	30,004	896.54	88,309.91	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	1,679	*	*	*
Potatoes.....	12,955	335.80	26,491.00	78.89
Garlic.....	3,597	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	13,471	387.42	39,397.07	101.69
Fruit Crops.....	35,580	1,750.76	138,748.87	
Avocados.....	17,254	302.44	19,830.88	65.57
Bananas.....	20,556	1,316.68	109,982.61	83.53
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	2,210	*	*	*
Pineapples.....	-	-	-	-
Chat.....	9,106	*	*	*
Coffee.....	90,852	19,535.26	195,743.27	10.02
Hops.....	*	*	*	*
Sugar Cane.....	8,719	422.68	189,220.56	447.67
Enset.....	155,180	32,948.76	693,538.52	21.05

**Table 7.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Kelem				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	172,988	152,503.53	3,435,231.61	
Cereals.....	170,906	124,512.73	3,152,966.24	
Teff.....	60,873	18,304.37	227,585.28	12.43
Barley.....	37,475	3,165.80	30,052.44	9.49
Wheat.....	43,393	6,057.29	90,876.99	15.00
Maize.....	158,004	47,792.44	1,732,562.35	36.25
Sorghum.....	125,237	32,017.30	740,608.81	23.13
Finger millet.....	94,355	16,798.43	322,726.51	19.21
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	117,725	20,393.19	216,866.14	
Faba beans.....	52,604	6,288.96	79,738.38	12.68
Field peas.....	24,121	3,450.65	30,555.51	8.86
Haricot beans.....	76,376	7,139.54	81,476.09	11.41
Chick-peas.....	16,262	2,535.00	20,047.33	7.91
Lentils.....	1,989	100.14	576.88	5.76
Grass Peas.....	*	*	*	*
Soya beans.....	3,320	85.44	*	*
Fenugreek.....	24,729	733.97	3,347.60	4.56
Gibto.....	-	-	-	-
Oilseeds.....	55,525	7,597.61	65,399.23	
Neug.....	20,579	*	*	*
Linseed.....	7,002	278.76	1,470.13	5.27
Groundnuts.....	*	*	*	*
Safflower.....	2,745	*	600.26	*
Sesame.....	16,096	1,408.58	8,070.84	5.73
Rape seed.....	20,414	1,047.43	21,296.50	20.33
Vegetables.....	110,552	10,914.30	268,398.64	
Lettuce.....	*	*	*	*
Head Cabbage.....	11,675	113.56	7,787.64	68.58
Ethiopian Cabbage....	22,272	241.69	24,564.92	101.64
Tomatoes.....	*	*	*	*
Green peppers.....	13,256	141.89	13,591.96	95.79
Red peppers.....	85,386	10,387.25	219,482.57	21.13
Swiss chard.....	*	*	*	*
Root Crops.....	79,028	2,073.04	182,629.65	
Beetroot.....	9,152	31.61	4,171.34	131.96
Carrot.....	1,765	9.15	703.82	76.92
Onion.....	12,165	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	8,895	44.35	4,080.50	92.01
Taro/'Godere'.....	33,546	261.47	22,191.17	84.87
Sweet potatoes.....	35,840	763.47	65,048.05	85.20
Fruit Crops.....	90,043	1,441.22	121,928.23	
Avocados.....	5,454	*	*	*
Bananas.....	73,272	956.01	71,347.12	74.63
Guavas.....	*	*	*	*
Lemons.....	1,475	*	*	*
Mangoes.....	38,426	292.83	24,846.33	84.85
Oranges.....	6,047	36.26	2,890.58	79.72
Papayas.....	19,806	*	*	*
Pineapples.....	*	*	*	*
Chat.....	35,554	1,171.25	12,204.45	10.42
Coffee.....	144,513	47,177.62	296,747.24	6.29
Hops.....	11,915	70.28	788.50	11.22
Sugar Cane.....	10,459	166.76	58,139.46	348.64
Enset.....	55,917	535.80	4,077.98	7.61

**Table 7.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Horoguduru

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	111,759	265,082.37	4,080,773.97	
Cereals.....	110,254	170,809.76	3,268,988.27	
Teff.....	85,284	77,309.57	884,753.23	11.44
Barley.....	42,842	11,557.35	142,595.67	12.34
Wheat.....	54,724	22,251.52	411,534.61	18.49
Maize.....	98,806	47,538.93	1,600,538.83	33.67
Sorghum.....	16,473	10,684.41	207,830.73	19.45
Finger millet.....	5,343	1,172.89	17,729.43	15.12
Oats/'Aja'.....	2,607	223.78	2,686.43	12.00
Rice.....	*	*	*	*
Pulses.....	78,092	21,996.96	300,050.63	
Faba beans.....	55,475	10,067.17	145,669.15	14.47
Field peas.....	39,754	9,272.06	111,587.48	12.03
Haricot beans.....	9,123	*	*	*
Chick-peas.....	2,292	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	28,507	259.22	1,613.60	6.22
Gibto.....	-	-	-	-
Oilseeds.....	93,083	72,275.65	511,735.07	
Neug.....	63,053	56,358.28	309,605.29	5.49
Linseed.....	5,505	686.51	2,912.75	4.24
Groundnuts.....	7,675	*	*	*
Safflower.....	*	*	*	*
Sesame.....	16,433	7,606.01	73,595.68	9.68
Rape seed.....	52,539	3,590.78	67,963.11	18.93
Vegetables.....	55,249	607.09	28,513.96	
Lettuce.....	-	-	-	-
Head Cabbage.....	9,264	29.75	1,602.88	53.88
Ethiopian Cabbage.....	2,677	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	32,286	186.76	17,157.33	91.87
Red peppers.....	20,569	370.76	8,056.62	21.73
Swiss chard.....	*	*	*	*
Root Crops.....	54,126	467.25	50,371.23	
Beetroot.....	10,962	43.08	3,618.13	83.99
Carrot.....	2,506	2.51	285.88	113.90
Onion.....	21,628	134.39	12,447.27	92.62
Potatoes.....	2,041	62.19	4,324.66	69.54
Garlic.....	42,183	219.16	29,209.67	133.28
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	1,446	3.85	371.45	96.48
Fruit Crops.....	11,818	101.80	5,608.08	
Avocados.....	*	*	*	*
Bananas.....	8,295	65.19	2,330.03	35.74
Guavas.....	-	-	-	-
Lemons.....	1,410	6.45	517.72	80.27
Mangoes.....	2,737	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	9,982	125.73	1,437.11	11.43
Coffee.....	10,315	*	*	*
Hops.....	38,492	558.06	10,831.90	19.41
Sugar Cane.....	6,826	287.16	16,026.22	55.81
Enset.....	4,495	*	*	*

**Table 7.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

West Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	377,232	326,963.26	8,186,400.66	
Cereals.....	366,003	284,541.40	7,794,483.84	
Teff.....	71,021	24,407.85	340,060.06	13.93
Barley.....	170,435	67,657.93	1,566,206.75	23.15
Wheat.....	144,169	108,258.71	2,984,073.10	27.56
Maize.....	256,458	74,482.42	2,707,833.24	36.36
Sorghum.....	38,141	4,207.71	89,305.37	21.22
Finger millet.....	42,979	4,199.30	80,110.70	19.08
Oats/'Aja'.....	7,169	*	*	*
Rice.....	-	-	-	-
Pulses.....	130,241	34,808.96	326,000.93	
Faba beans.....	23,715	1,475.21	32,726.95	22.18
Field peas.....	6,540	*	*	*
Haricot beans.....	92,874	21,752.31	182,154.25	8.37
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	19,726	7,612.90	*	
Neug.....	-	-	-	-
Linseed.....	12,164	7,442.08	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	7,923	*	1,453.59	*
Vegetables.....	216,380	5,217.58	399,879.31	
Lettuce.....	*	*	-	-
Head Cabbage.....	24,230	1,053.58	56,766.76	53.88
Ethiopian Cabbage....	196,018	2,244.97	259,406.70	115.55
Tomatoes.....	*	*	*	*
Green peppers.....	39,722	126.24	12,316.94	97.57
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	158,284	16,286.01	1,248,166.50	
Beetroot.....	26,607	513.82	50,487.58	98.26
Carrot.....	11,250	*	*	*
Onion.....	10,518	*	*	*
Potatoes.....	118,874	14,699.84	1,094,108.80	74.43
Garlic.....	18,367	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	7,253	*	*	*
Fruit Crops.....	25,646	*	*	
Avocados.....	7,433	*	*	*
Bananas.....	19,301	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	6,603	*	*	*
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	8,328	*	*	*
Enset.....	185,573	20,701.31	539,745.15	26.07

**Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Somali Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	89,024	65,437.05	1,736,903.70	
Cereals.....	87,451	62,663.48	1,643,667.09	
Teff.....	*	*	-	-
Barley.....	3,554	*	*	*
Wheat.....	12,154	4,130.51	96,755.57	23.42
Maize.....	74,745	28,934.09	758,407.58	26.21
Sorghum.....	57,421	28,368.93	757,042.84	26.69
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	12,026	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
Haricot beans.....	10,550	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	9,499	540.80	30,848.04	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	*	*	-	-
Tomatoes.....	8,211	475.75	29,445.40	61.89
Green peppers.....	*	46.95	1,402.64	29.88
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	6,535	780.04	108,061.14	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	5,509	734.47	103,684.71	141.17
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	676	23.10	1,645.89	71.25
Fruit Crops.....	5,292	337.99	47,224.71	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	1,388	32.51	1,723.10	53.00
Mangoes.....	2,484	50.02	5,623.65	112.43
Oranges.....	1,679	162.66	31,064.70	190.98
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	19,117	4,725.46	45,599.60	9.65
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Shinele

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	5,698	2,243.96	18,852.66	
Cereals.....	5,698	2,238.39	18,833.85	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	2,414	394.20	4,866.46	12.35
Sorghum.....	5,072	1,844.19	13,967.39	7.57
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	-	-
Haricot beans.....	*	*	*	*
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	589	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	430	*	*	*
Green peppers.....	339	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	779	24.97	2,407.77	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	442	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	398	*	*	*
Fruit Crops.....	2,253	257.47	39,135.91	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	1,234	30.51	1,208.79	39.62
Mangoes.....	1,244	*	*	*
Oranges.....	1,679	162.66	31,064.70	190.98
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	2,044	*	*	*
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Jijiga

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	66,017	59,285.95	1,632,417.67	
Cereals.....	66,017	56,713.76	1,541,316.07	
Teff.....	*	*	-	-
Barley.....	3,554	*	*	*
Wheat.....	11,985	4,078.29	96,593.70	23.68
Maize.....	56,595	24,912.41	670,561.52	26.92
Sorghum.....	51,913	26,493.12	742,699.75	28.03
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	6,541	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	8,333	510.38	28,338.25	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	7,203	454.02	27,527.33	60.63
Green peppers.....	*	*	*	*
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	5,613	745.72	105,607.18	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	4,924	715.81	102,633.09	143.38
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	17,073	4,411.19	42,126.89	9.55
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Liben

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	17,309	3,907.13	85,633.37	
Cereals.....	15,736	3,711.32	83,517.17	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	15,736	3,627.48	82,979.60	22.88
Sorghum.....	*	*	375.70	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	5,399	195.81	2,116.21	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	5,399	195.81	2,116.21	10.81
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Benishangul-Gumuz Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	229,818	241,322.91	4,018,792.28	
Cereals.....	227,020	167,657.57	3,240,300.88	
Teff.....	49,268	23,615.03	232,256.63	9.84
Barley.....	7,052	818.37	8,539.08	10.43
Wheat.....	5,857	1,668.86	*	*
Maize.....	200,831	46,534.50	1,431,870.31	30.77
Sorghum.....	144,858	60,122.37	1,108,206.34	18.43
Finger millet.....	71,179	34,133.26	410,573.47	12.03
Oats/'Aja'.....	*	*	*	*
Rice.....	3,091	*	*	*
Pulses.....	78,856	14,218.46	221,864.39	
Faba beans.....	8,497	600.79	10,671.06	17.76
Field peas.....	3,228	*	*	*
Haricot beans.....	47,633	4,782.05	57,885.98	12.10
Chick-peas.....	7,856	1,082.24	8,640.72	7.98
Lentils.....	*	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	20,247	7,230.42	136,039.54	18.81
Fenugreek.....	903	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	137,357	59,446.88	556,627.00	
Neug.....	40,388	12,776.31	45,864.82	3.59
Linseed.....	11,830	540.41	2,415.56	4.47
Groundnuts.....	46,352	15,529.37	267,932.09	17.25
Safflower.....	*	*	*	*
Sesame.....	90,237	29,582.76	227,981.08	7.71
Rape seed.....	4,415	95.41	1,272.02	13.33
Vegetables.....	85,319	2,248.45	65,933.85	
Lettuce.....	596	*	*	*
Head Cabbage.....	7,192	18.99	2,246.72	118.31
Ethiopian Cabbage.....	7,182	80.80	*	*
Tomatoes.....	5,187	28.87	5,230.23	181.16
Green peppers.....	8,369	66.16	5,892.79	89.07
Red peppers.....	68,992	2,051.08	45,182.92	22.03
Swiss chard.....	*	*	-	-
Root Crops.....	58,498	1,293.00	140,004.79	
Beetroot.....	3,884	7.20	919.92	127.77
Carrot.....	1,200	1.93	216.77	112.32
Onion.....	9,265	89.45	12,573.99	140.57
Potatoes.....	5,192	*	*	*
Garlic.....	13,083	82.66	10,024.19	121.27
Taro/'Godere'.....	4,869	32.71	1,545.53	47.25
Sweet potatoes.....	38,453	769.78	81,665.43	106.09
Fruit Crops.....	87,201	1,558.12	141,282.10	
Avocados.....	2,711	7.94	81.17	10.22
Bananas.....	34,063	479.90	38,370.64	79.96
Guavas.....	9,039	*	*	*
Lemons.....	9,774	62.07	3,532.56	56.91
Mangoes.....	64,735	830.57	80,224.39	96.59
Oranges.....	12,618	57.62	3,518.14	61.06
Papayas.....	20,764	65.49	14,769.92	225.53
Pineapples.....	*	*	-	-
Chat.....	19,812	754.34	8,021.66	10.63
Coffee.....	30,425	1,079.65	5,655.12	5.24
Hops.....	15,901	91.76	2,096.85	22.85
Sugar Cane.....	7,534	164.11	*	*
Enset.....	1,619	6.94	-	-

**Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Metekel

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	98,230	147,913.10	2,468,552.08	
Cereals.....	97,305	100,084.57	1,875,418.06	
Teff.....	29,230	19,783.83	214,177.43	10.83
Barley.....	4,785	*	*	*
Wheat.....	5,143	*	*	*
Maize.....	81,674	21,870.54	755,350.98	34.54
Sorghum.....	40,619	26,200.29	481,658.66	18.38
Finger millet.....	45,455	29,168.39	367,986.10	12.62
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	41,721	9,399.34	151,333.66	
Faba beans.....	7,838	558.50	10,276.87	18.40
Field peas.....	3,070	*	*	*
Haricot beans.....	25,456	3,268.24	42,574.57	13.03
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	60,859	38,429.19	441,800.35	
Neug.....	10,458	5,035.07	14,106.70	2.80
Linseed.....	1,598	*	*	*
Groundnuts.....	32,324	14,957.79	262,711.66	17.56
Safflower.....	*	*	*	*
Sesame.....	42,846	17,341.57	151,941.93	8.76
Rape seed.....	2,313	54.44	*	*
Vegetables.....	41,433	839.26	28,648.01	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	1,904	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	35,674	792.43	23,170.72	29.24
Swiss chard.....	-	-	-	-
Root Crops.....	24,765	663.82	73,879.81	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	3,883	*	*	*
Potatoes.....	3,902	*	*	*
Garlic.....	11,729	80.23	9,786.95	121.99
Taro/'Godere'.....	*	10.30	463.85	45.03
Sweet potatoes.....	10,687	*	*	*
Fruit Crops.....	23,351	342.21	35,645.51	
Avocados.....	*	*	-	-
Bananas.....	7,824	*	*	*
Guavas.....	*	*	*	*
Lemons.....	2,631	11.23	1,091.14	97.16
Mangoes.....	16,274	124.89	13,579.01	108.73
Oranges.....	1,065	*	*	*
Papayas.....	10,423	42.46	10,272.38	241.93
Pineapples.....	-	-	-	-
Chat.....	1,662	3.23	37.37	11.57
Coffee.....	6,185	*	*	*
Hops.....	8,029	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	*	*	-	-

**Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Asosa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	93,838	55,337.61	844,378.72	
Cereals.....	92,805	42,489.66	770,985.93	
Teff.....	15,970	3,148.44	13,858.35	4.40
Barley.....	*	*	*	*
Wheat.....	-	-	-	-
Maize.....	84,182	13,084.11	342,469.28	26.17
Sorghum.....	74,353	22,290.23	382,828.71	17.17
Finger millet.....	18,887	3,939.40	31,709.10	8.05
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	23,317	2,361.12	17,761.47	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	10,236	567.33	5,806.18	10.23
Chick-peas.....	5,620	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	10,127	1,223.30	9,939.78	8.13
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	48,200	10,486.82	55,631.32	
Neug.....	22,902	6,615.38	26,663.89	4.03
Linseed.....	7,137	291.88	*	*
Groundnuts.....	8,924	439.74	3,987.35	9.07
Safflower.....	*	*	*	*
Sesame.....	24,055	3,108.86	23,873.27	7.68
Rape seed.....	*	*	*	*
Vegetables.....	28,847	1,018.68	23,318.91	
Lettuce.....	*	*	*	*
Head Cabbage.....	3,686	8.71	1,135.51	130.37
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	24,183	950.57	15,617.81	16.43
Swiss chard.....	*	*	-	-
Root Crops.....	17,510	340.17	35,002.26	
Beetroot.....	2,014	2.59	338.22	130.59
Carrot.....	*	*	*	*
Onion.....	2,119	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	-	-	-
Sweet potatoes.....	14,304	290.33	29,506.12	101.63
Fruit Crops.....	49,790	928.40	82,771.00	
Avocados.....	2,044	5.53	81.17	14.68
Bananas.....	18,792	172.91	14,507.47	83.90
Guavas.....	6,699	*	*	*
Lemons.....	6,158	*	*	*
Mangoes.....	40,137	614.06	60,423.37	98.40
Oranges.....	7,855	31.30	2,533.35	80.94
Papayas.....	7,969	11.71	2,328.00	198.80
Pineapples.....	-	-	-	-
Chat.....	13,100	*	*	*
Coffee.....	19,340	303.34	2,323.56	7.66
Hops.....	7,872	28.24	823.91	29.18
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Kemashi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	24,471	28,882.07	542,438.26	
Cereals.....	23,673	17,554.50	440,586.60	
Teff.....	1,525	311.96	*	*
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	21,916	8,031.67	242,985.92	30.25
Sorghum.....	19,398	8,864.56	192,133.08	21.67
Finger millet.....	1,990	337.37	3,693.47	10.95
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	7,929	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	7,035	640.17	6,364.36	9.94
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	20,591	9,265.53	52,909.14	
Neug.....	4,390	*	2,684.22	*
Linseed.....	-	-	-	-
Groundnuts.....	2,972	62.13	*	*
Safflower.....	-	-	-	-
Sesame.....	20,007	8,580.94	49,552.53	5.77
Rape seed.....	-	-	-	-
Vegetables.....	8,719	*	9,530.28	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,666	4.22	440.62	104.41
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	1,811	*	*	*
Red peppers.....	5,467	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	8,000	103.17	11,713.95	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	6,773	72.02	7,545.82	104.77
Fruit Crops.....	6,317	97.92	7,017.53	
Avocados.....	*	*	-	-
Bananas.....	2,987	50.68	4,582.84	90.43
Guavas.....	*	*	*	*
Lemons.....	619	5.04	187.51	37.20
Mangoes.....	4,447	31.08	451.02	14.51
Oranges.....	710	1.07	22.20	20.75
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

**Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Mao Komo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	13,279	9,190.13	163,423.23	
Cereals.....	13,237	7,528.84	153,310.29	
Teff.....	2,543	370.81	2,487.62	6.71
Barley.....	1,518	95.87	568.39	5.93
Wheat.....	638	57.66	407.82	7.07
Maize.....	13,059	3,548.17	91,064.12	25.67
Sorghum.....	10,487	2,767.28	51,585.89	18.64
Finger millet.....	4,847	688.11	7,184.80	10.44
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	5,890	395.96	3,826.75	
Faba beans.....	658	42.29	394.20	9.32
Field peas.....	*	*	*	*
Haricot beans.....	4,907	306.31	3,140.86	10.25
Chick-peas.....	763	23.03	78.82	3.42
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	752	19.47	*	*
Fenugreek.....	155	0.55	0.16	0.29
Gibto.....	-	-	-	-
Oilseeds.....	7,708	1,265.34	6,286.19	
Neug.....	2,639	503.41	2,410.01	4.79
Linseed.....	3,095	110.55	323.87	2.93
Groundnuts.....	2,132	69.71	560.70	8.04
Safflower.....	*	*	-	-
Sesame.....	3,330	551.39	2,613.34	4.74
Rape seed.....	1,071	*	*	*
Vegetables.....	6,319	81.99	4,436.65	
Lettuce.....	*	*	-	-
Head Cabbage.....	890	2.12	221.55	104.50
Ethiopian Cabbage.....	1,498	18.32	580.36	31.68
Tomatoes.....	1,623	10.66	1,932.36	181.27
Green peppers.....	1,699	13.29	893.81	67.25
Red peppers.....	3,668	37.06	808.57	21.82
Swiss chard.....	-	-	-	-
Root Crops.....	8,223	185.84	19,408.77	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	1,466	35.84	4,893.14	136.53
Potatoes.....	376	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	2,563	20.47	922.10	45.05
Sweet potatoes.....	6,690	122.74	12,894.35	105.05
Fruit Crops.....	7,743	189.59	15,848.06	
Avocados.....	151	*	-	-
Bananas.....	4,461	101.63	9,190.41	90.43
Guavas.....	*	*	*	*
Lemons.....	365	0.88	35.48	40.32
Mangoes.....	3,876	60.54	5,770.98	95.33
Oranges.....	2,988	21.55	447.18	20.75
Papayas.....	1,405	2.22	401.06	180.66
Pineapples.....	*	*	-	-
Chat.....	5,049	444.12	4,721.04	10.63
Coffee.....	4,629	536.80	2,109.63	3.93
Hops.....	-	-	-	-
Sugar Cane.....	640	11.34	1,267.86	111.80
Enset.....	1,480	6.81	-	-

**Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

S.N.N.P. Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	2,849,583	1,100,253.47	19,434,595.15	
Cereals.....	2,625,434	900,512.38	17,149,131.51	
Teff.....	1,005,036	257,794.70	2,937,669.54	11.40
Barley.....	730,932	82,305.24	1,136,517.42	13.81
Wheat.....	647,874	125,303.57	2,581,402.88	20.60
Maize.....	1,639,851	306,431.17	8,447,232.48	27.57
Sorghum.....	692,203	122,731.01	1,967,158.93	16.03
Finger millet.....	62,127	4,097.68	51,115.67	12.47
Oats/'Aja'.....	14,850	450.16	6,670.83	14.82
Rice.....	*	*	*	*
Pulses.....	1,816,144	193,322.53	2,251,203.98	
Faba beans.....	712,662	58,354.57	779,128.08	13.35
Field peas.....	353,840	41,779.22	472,959.29	11.32
Haricot beans.....	1,150,215	88,192.88	953,295.66	10.81
Chick-peas.....	34,346	3,307.74	32,127.71	9.71
Lentils.....	22,396	905.61	9,730.80	10.75
Grass Peas.....	3,845	240.51	*	*
Soya beans.....	9,697	129.19	*	*
Fenugreek.....	23,180	339.77	*	*
Gibto.....	2,343	73.03	*	*
Oilseeds.....	134,685	6,418.57	34,259.67	
Neug.....	3,812	*	*	*
Linseed.....	49,443	1,416.11	6,804.00	4.80
Groundnuts.....	15,031	873.27	7,595.28	8.70
Safflower.....	10,008	265.44	3,468.70	13.07
Sesame.....	20,085	2,374.35	7,889.60	3.32
Rape seed.....	41,626	788.09	5,291.14	6.71
Vegetables.....	1,929,534	40,688.68	2,548,814.42	
Lettuce.....	4,141	12.51	-	-
Head Cabbage.....	112,227	786.98	86,426.89	109.82
Ethiopian Cabbage.....	1,727,554	18,883.53	1,869,781.98	99.02
Tomatoes.....	37,683	351.89	63,756.34	181.18
Green peppers.....	230,186	1,210.80	129,797.63	107.20
Red peppers.....	235,214	19,402.30	396,018.13	20.41
Swiss chard.....	19,571	40.67	3,033.44	74.59
Root Crops.....	1,753,715	70,626.85	5,745,087.57	
Beetroot.....	109,925	313.67	35,097.46	111.89
Carrot.....	47,052	161.90	11,368.98	70.22
Onion.....	144,423	1,088.52	105,804.87	97.20
Potatoes.....	332,911	8,978.39	809,384.37	90.15
Garlic.....	112,261	949.64	113,896.36	119.94
Taro/'Godere'.....	966,009	32,045.96	2,662,934.56	83.10
Sweet potatoes.....	815,051	27,088.77	2,006,600.98	74.08
Fruit Crops.....	1,598,085	32,337.70	3,191,766.99	
Avocados.....	739,465	5,813.90	508,104.12	87.39
Bananas.....	1,121,150	21,001.95	1,930,717.59	91.93
Guavas.....	60,180	192.97	4,658.28	24.14
Lemons.....	50,092	126.42	14,653.28	115.91
Mangoes.....	356,512	3,102.75	357,238.52	115.14
Oranges.....	138,660	840.37	140,410.81	167.08
Papayas.....	237,124	1,136.34	232,026.77	204.19
Pineapples.....	19,146	123.00	*	*
Chat.....	714,276	34,042.12	441,185.70	12.96
Coffee.....	1,971,759	133,184.03	1,106,395.38	8.31
Hops.....	180,536	1,264.16	31,605.39	25.00
Sugar Cane.....	599,759	11,585.53	5,787,329.76	499.53
Enset.....	2,791,432	217,724.64	5,413,347.48	24.86

**Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Gurage

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	243,280	105,012.30	2,295,379.40	
Cereals.....	239,640	96,092.92	2,143,547.48	
Teff.....	86,585	36,408.73	451,580.08	12.40
Barley.....	100,577	10,709.41	222,497.81	20.78
Wheat.....	88,944	15,533.69	350,315.91	22.55
Maize.....	112,641	25,795.89	990,557.50	38.40
Sorghum.....	35,844	7,520.32	125,314.80	16.66
Finger millet.....	*	*	-	-
Oats/'Aja'.....	4,522	*	*	*
Rice.....	-	-	-	-
Pulses.....	112,998	8,126.80	146,577.82	
Faba beans.....	87,989	3,642.21	72,080.58	19.79
Field peas.....	21,444	2,375.56	*	*
Haricot beans.....	21,301	533.26	5,193.15	9.74
Chick-peas.....	10,632	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	14,414	792.58	5,254.11	
Neug.....	3,264	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	205,888	5,847.17	417,679.96	
Lettuce.....	*	*	-	-
Head Cabbage.....	32,826	176.95	20,669.61	116.81
Ethiopian Cabbage.....	190,638	2,147.08	217,713.88	101.40
Tomatoes.....	*	*	*	*
Green peppers.....	8,789	*	*	*
Red peppers.....	30,360	3,446.11	168,445.70	48.88
Swiss chard.....	7,540	9.29	888.86	95.68
Root Crops.....	125,376	2,164.68	169,028.63	
Beetroot.....	10,667	6.01	631.81	105.13
Carrot.....	18,692	14.16	1,671.35	118.03
Onion.....	19,563	*	*	*
Potatoes.....	55,724	954.91	94,651.15	99.12
Garlic.....	25,938	*	*	*
Taro/'Godere'.....	46,427	733.25	51,738.12	70.56
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	113,077	1,103.91	149,199.25	
Avocados.....	64,314	399.73	45,980.39	115.03
Bananas.....	36,726	238.43	32,347.38	135.67
Guavas.....	2,820	12.24	255.29	20.86
Lemons.....	4,663	*	*	*
Mangoes.....	13,562	33.61	4,063.18	120.89
Oranges.....	42,291	283.13	35,994.23	127.13
Papayas.....	24,377	125.73	30,183.11	240.06
Pineapples.....	*	*	-	-
Chat.....	106,304	6,694.21	84,079.26	12.56
Coffee.....	125,507	4,725.93	17,485.96	3.70
Hops.....	46,940	496.51	9,006.68	18.14
Sugar Cane.....	20,941	223.33	162,560.32	727.89
Enset.....	244,505	24,390.03	102,316.20	4.20

**Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Hadiya

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	270,837	120,410.87	2,164,498.07	
Cereals.....	263,794	107,586.35	2,021,577.14	
Teff.....	151,631	38,038.63	438,784.21	11.54
Barley.....	63,973	4,289.92	71,930.16	16.77
Wheat.....	150,948	36,339.73	820,853.66	22.59
Maize.....	136,700	21,111.40	552,512.22	26.17
Sorghum.....	86,463	7,338.22	131,746.62	17.95
Finger millet.....	11,687	446.05	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	148,209	11,991.08	139,814.19	
Faba beans.....	74,702	6,146.65	89,824.68	14.61
Field peas.....	28,349	2,157.75	25,776.02	11.95
Haricot beans.....	76,079	3,534.04	23,196.77	6.56
Chick-peas.....	*	*	*	*
Lentils.....	3,501	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	19,664	833.45	3,106.74	
Neug.....	-	-	-	-
Linseed.....	7,413	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	12,751	*	*	*
Vegetables.....	223,958	3,852.63	352,468.38	
Lettuce.....	*	*	-	-
Head Cabbage.....	16,099	59.98	6,201.50	103.39
Ethiopian Cabbage.....	211,517	2,326.67	281,899.48	121.16
Tomatoes.....	12,027	115.66	23,261.10	201.12
Green peppers.....	24,840	204.95	23,198.77	113.19
Red peppers.....	22,915	1,139.16	17,281.11	15.17
Swiss chard.....	2,460	*	*	*
Root Crops.....	148,943	4,397.72	365,624.71	
Beetroot.....	48,938	77.97	9,622.63	123.41
Carrot.....	2,520	*	*	*
Onion.....	10,215	*	*	*
Potatoes.....	58,046	1,563.90	116,901.33	74.75
Garlic.....	*	*	*	*
Taro/'Godere'.....	66,060	2,175.46	172,426.63	79.26
Sweet potatoes.....	30,259	*	*	*
Fruit Crops.....	140,951	2,467.57	291,829.60	
Avocados.....	66,389	389.06	32,840.52	84.41
Bananas.....	103,076	1,785.08	232,434.64	130.21
Guavas.....	2,015	2.20	18.69	8.50
Lemons.....	*	*	*	*
Mangoes.....	13,062	*	*	*
Oranges.....	3,172	*	*	*
Papayas.....	7,214	*	*	*
Pineapples.....	*	*	-	-
Chat.....	51,067	1,021.32	11,581.81	11.34
Coffee.....	130,151	6,616.89	43,539.14	6.58
Hops.....	14,637	54.65	721.89	13.21
Sugar Cane.....	55,909	798.77	469,039.05	587.20
Enset.....	245,447	18,218.54	289,492.60	15.89

**Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Kembata - Tembaro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	113,566	35,334.85	639,251.96	
Cereals.....	106,037	30,354.04	562,132.81	
Teff.....	55,399	11,081.09	150,752.05	13.60
Barley.....	22,521	1,084.30	18,689.64	17.24
Wheat.....	65,157	12,360.77	257,903.13	20.86
Maize.....	25,528	3,058.37	79,475.45	25.99
Sorghum.....	31,170	2,689.93	53,871.91	20.03
Finger millet.....	3,165	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	73,302	4,826.66	75,770.96	
Faba beans.....	52,818	2,933.62	55,441.27	18.90
Field peas.....	15,203	660.89	9,739.67	14.74
Haricot beans.....	32,932	1,224.24	10,562.64	8.63
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	3,660	154.15	*	
Neug.....	-	-	-	-
Linseed.....	1,534	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	95,272	1,350.94	136,784.85	
Lettuce.....	*	*	-	-
Head Cabbage.....	8,581	*	*	*
Ethiopian Cabbage.....	87,228	807.28	85,394.44	105.78
Tomatoes.....	*	*	*	*
Green peppers.....	9,368	26.34	2,693.53	102.26
Red peppers.....	4,984	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	101,934	5,486.95	498,939.81	
Beetroot.....	13,661	112.21	12,028.32	107.19
Carrot.....	5,799	*	*	*
Onion.....	2,029	*	*	*
Potatoes.....	54,547	2,240.39	191,373.71	85.42
Garlic.....	3,114	8.63	1,266.45	146.75
Taro/'Godere'.....	56,877	2,470.32	229,196.54	92.78
Sweet potatoes.....	31,573	560.80	58,143.49	103.68
Fruit Crops.....	76,148	1,721.95	154,769.57	
Avocados.....	49,169	317.84	23,342.41	73.44
Bananas.....	58,334	1,293.11	120,414.29	93.12
Guavas.....	*	*	*	*
Lemons.....	1,546	*	*	*
Mangoes.....	17,317	73.92	8,037.54	108.73
Oranges.....	7,178	19.92	1,033.60	51.89
Papayas.....	3,715	7.09	1,576.90	222.41
Pineapples.....	-	-	-	-
Chat.....	9,369	387.41	4,927.80	12.72
Coffee.....	69,758	2,679.41	16,665.93	6.22
Hops.....	11,524	22.48	393.62	17.51
Sugar Cane.....	29,194	425.60	179,483.64	421.72
Enset.....	121,429	8,146.87	107,033.59	13.14

**Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Sidama

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	571,859	83,991.76	1,966,626.77	
Cereals.....	475,911	60,728.71	1,628,193.60	
Teff.....	57,145	*	*	*
Barley.....	89,244	12,396.78	176,178.96	14.21
Wheat.....	*	*	*	*
Maize.....	399,991	38,401.35	1,313,735.69	34.21
Sorghum.....	22,685	*	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	376,194	23,229.87	338,427.71	
Faba beans.....	83,743	3,614.88	66,342.85	18.35
Field peas.....	21,488	*	*	*
Haricot beans.....	286,566	18,150.43	238,448.37	13.14
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	452,461	6,479.54	671,736.42	
Lettuce.....	-	-	-	-
Head Cabbage.....	8,468	15.80	1,514.66	95.86
Ethiopian Cabbage.....	413,868	5,440.15	603,801.90	110.99
Tomatoes.....	*	*	*	*
Green peppers.....	59,904	374.71	42,056.99	112.24
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	267,306	8,041.69	91,091.66	
Beetroot.....	*	*	*	*
Carrot.....	3,685	*	*	*
Onion.....	5,585	8.04	1,187.25	147.67
Potatoes.....	24,148	*	*	*
Garlic.....	3,908	*	*	*
Taro/'Godere'.....	25,521	*	*	*
Sweet potatoes.....	229,946	7,513.65	44,180.27	5.88
Fruit Crops.....	362,567	5,249.72	499,222.08	
Avocados.....	176,583	1,198.40	104,308.62	87.04
Bananas.....	289,289	3,842.31	376,777.05	98.06
Guavas.....	19,540	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	10,508	33.52	4,568.61	136.30
Papayas.....	6,997	*	*	*
Pineapples.....	6,570	*	*	*
Chat.....	333,085	18,999.80	249,467.32	13.13
Coffee.....	544,420	39,802.69	381,309.81	9.58
Hops.....	27,601	198.12	3,441.41	17.37
Sugar Cane.....	167,744	4,939.66	2,764,826.50	559.72
Enset.....	796,813	76,304.60	2,888,510.44	37.85

**Table 10.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Gedio				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	95,137	13,683.21	215,438.36	
Cereals.....	84,999	10,834.87	196,619.23	
Teff.....	*	*	*	*
Barley.....	38,216	4,785.80	46,318.05	9.68
Wheat.....	7,375	*	8,122.55	*
Maize.....	59,712	4,879.72	135,484.51	27.76
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	42,678	2,843.72	18,795.06	
Faba beans.....	26,041	2,043.64	13,155.77	6.44
Field peas.....	3,279	*	*	*
Haricot beans.....	18,961	473.43	3,555.40	7.51
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1,418	4.63	24.07	
Neug.....	-	-	-	-
Linseed.....	1,133	4.18	20.90	5.00
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	104,306	1,272.48	134,629.69	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	99,931	1,237.41	131,375.39	106.17
Tomatoes.....	*	*	*	*
Green peppers.....	10,674	30.36	3,031.90	99.86
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	61,361	1,159.20	123,213.52	
Beetroot.....	4,865	8.30	798.45	96.20
Carrot.....	*	*	*	*
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Garlic.....	2,122	*	*	*
Taro/'Godere'.....	40,805	586.28	64,519.91	110.05
Sweet potatoes.....	21,439	534.42	54,863.40	102.66
Fruit Crops.....	79,968	2,364.75	174,217.03	
Avocados.....	62,321	996.84	91,011.77	91.30
Bananas.....	45,916	1,239.20	70,943.97	57.25
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	1,054	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	156,168	23,326.93	181,950.03	7.80
Hops.....	5,265	*	*	*
Sugar Cane.....	18,757	402.70	191,653.73	475.92
Enset.....	184,725	17,387.52	333,214.44	19.16

**Table 10.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Wolayita

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	279,884	76,801.88	1,100,713.31	
Cereals.....	237,640	50,177.18	873,421.57	
Teff.....	111,693	20,198.79	214,113.61	10.60
Barley.....	10,999	*	4,460.50	*
Wheat.....	39,470	4,034.34	58,958.43	14.61
Maize.....	174,793	24,152.63	581,982.15	24.10
Sorghum.....	29,460	1,098.83	13,532.32	12.32
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	236,986	26,570.01	226,773.69	
Faba beans.....	32,063	977.09	10,820.42	11.07
Field peas.....	34,450	1,021.23	8,784.53	8.60
Haricot beans.....	219,749	23,321.48	200,484.10	8.60
Chick-peas.....	12,303	1,236.39	6,684.64	5.41
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	3,413	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	3,636	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	123,880	641.40	72,173.72	
Lettuce.....	-	-	-	-
Head Cabbage.....	3,458	5.32	510.35	95.93
Ethiopian Cabbage.....	104,095	446.75	60,038.77	134.39
Tomatoes.....	*	*	*	*
Green peppers.....	27,884	86.07	8,787.74	102.10
Red peppers.....	19,016	98.09	2,037.23	20.77
Swiss chard.....	-	-	-	-
Root Crops.....	269,708	15,557.01	1,494,209.24	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	2,642	*	*	*
Potatoes.....	38,688	733.38	65,051.20	88.70
Garlic.....	*	*	*	*
Taro/'Godere'.....	210,990	7,345.95	632,192.87	86.06
Sweet potatoes.....	210,017	7,401.40	790,395.23	106.79
Fruit Crops.....	241,790	4,958.92	522,934.08	
Avocados.....	164,973	1,338.19	123,381.01	92.20
Bananas.....	179,799	2,357.12	239,507.15	101.61
Guavas.....	12,705	37.46	1,030.06	27.50
Lemons.....	12,412	23.60	2,266.28	96.03
Mangoes.....	123,402	1,073.01	123,396.71	115.00
Oranges.....	21,583	48.17	8,317.92	172.68
Papayas.....	25,582	78.59	24,945.61	317.41
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	255,789	6,960.00	58,672.83	8.43
Hops.....	12,659	28.06	664.75	23.69
Sugar Cane.....	79,930	1,214.44	810,751.21	667.59
Enset.....	269,059	7,643.38	100,418.67	13.14

**Table 10.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

South Omo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	118,673	51,497.89	754,134.48	
Cereals.....	115,970	42,974.23	665,600.04	
Teff.....	17,742	3,291.42	31,680.79	9.63
Barley.....	24,082	4,504.91	63,396.90	14.07
Wheat.....	13,645	*	*	*
Maize.....	81,835	17,154.94	283,256.27	16.51
Sorghum.....	61,457	14,780.72	246,356.26	16.67
Finger millet.....	2,112	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	62,900	6,434.55	79,267.43	
Faba beans.....	21,173	2,191.54	24,524.09	11.19
Field peas.....	9,680	*	*	*
Haricot beans.....	41,487	2,979.90	44,396.44	14.90
Chick-peas.....	-	-	-	-
Lentils.....	1,987	71.53	398.43	5.57
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	1,048	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	19,007	2,089.11	9,267.00	
Neug.....	-	-	-	-
Linseed.....	2,231	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	4,968	160.74	*	*
Sesame.....	9,479	1,671.98	3,178.36	1.90
Rape seed.....	*	*	-	-
Vegetables.....	36,755	416.88	43,636.64	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	30,620	362.39	40,135.08	110.75
Tomatoes.....	1,934	*	*	*
Green peppers.....	2,218	11.79	999.99	84.82
Red peppers.....	2,809	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	51,506	1,760.30	158,396.97	
Beetroot.....	727	*	*	*
Carrot.....	*	*	*	*
Onion.....	8,408	*	*	*
Potatoes.....	2,020	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	33,925	1,167.29	87,418.62	74.89
Sweet potatoes.....	13,719	369.94	43,039.24	116.34
Fruit Crops.....	39,492	932.35	146,831.17	
Avocados.....	6,319	50.36	4,110.62	81.62
Bananas.....	28,177	598.92	88,335.00	147.49
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	13,814	195.36	30,404.40	155.63
Oranges.....	1,615	*	*	*
Papayas.....	10,299	77.23	21,830.43	282.67
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	38,184	2,768.87	15,782.56	5.70
Hops.....	1,601	*	*	*
Sugar Cane.....	7,854	280.08	81,450.56	290.81
Enset.....	61,013	4,211.42	67,488.07	16.03

**Table 10.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Sheka				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	39,411	14,277.77	284,277.00	
Cereals.....	33,712	10,128.25	237,486.67	
Teff.....	5,484	618.71	6,401.64	10.35
Barley.....	3,323	*	*	*
Wheat.....	*	*	*	*
Maize.....	9,435	1,573.15	53,731.40	34.16
Sorghum.....	25,906	7,399.81	171,744.19	23.21
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	16,327	4,144.29	46,744.39	
Faba beans.....	6,126	*	*	*
Field peas.....	8,681	2,861.71	32,036.24	11.19
Haricot beans.....	7,981	107.19	704.78	6.58
Chick-peas.....	*	*	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	31,671	446.12	40,710.94	
Lettuce.....	*	*	-	-
Head Cabbage.....	1,690	*	*	*
Ethiopian Cabbage.....	24,125	178.63	17,688.22	99.02
Tomatoes.....	1,073	*	*	*
Green peppers.....	11,684	108.87	12,505.75	114.87
Red peppers.....	5,671	91.72	4,366.90	47.61
Swiss chard.....	*	*	*	*
Root Crops.....	34,786	938.05	82,260.90	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	6,159	*	*	*
Potatoes.....	1,226	96.25	10,102.53	104.96
Garlic.....	8,078	29.60	3,513.29	118.69
Taro/'Godere'.....	28,357	722.63	61,459.33	85.05
Sweet potatoes.....	2,490	13.75	2,125.95	154.61
Fruit Crops.....	28,852	484.82	64,289.72	
Avocados.....	13,588	85.61	11,870.98	138.66
Bananas.....	13,660	161.80	17,122.89	105.83
Guavas.....	1,298	*	*	*
Lemons.....	1,386	2.40	435.78	181.58
Mangoes.....	15,391	139.64	11,495.01	82.32
Oranges.....	6,708	37.14	8,630.03	232.36
Papayas.....	13,314	54.66	14,684.03	268.64
Pineapples.....	416	*	-	-
Chat.....	3,945	89.89	1,153.28	12.83
Coffee.....	38,018	12,246.49	110,218.37	9.00
Hops.....	4,105	34.60	447.69	12.94
Sugar Cane.....	12,694	187.45	72,690.24	387.78
Enset.....	36,972	3,974.71	160,160.99	40.30

**Table 10.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Keffa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	186,711	131,383.70	1,802,716.14	
Cereals.....	174,229	93,003.94	1,415,553.07	
Teff.....	126,191	27,705.14	321,547.47	11.61
Barley.....	75,277	12,009.24	122,605.21	10.21
Wheat.....	47,030	9,486.53	137,779.58	14.52
Maize.....	71,171	27,552.16	601,615.51	21.84
Sorghum.....	62,514	15,104.88	222,027.82	14.70
Finger millet.....	8,249	1,051.31	8,552.61	8.14
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	151,808	38,176.49	385,918.70	
Faba beans.....	93,936	16,480.58	172,898.95	10.49
Field peas.....	75,984	15,845.41	160,472.77	10.13
Haricot beans.....	67,525	5,728.14	52,391.29	9.15
Chick-peas.....	*	*	-	-
Lentils.....	*	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	*	*	-	-
Oilseeds.....	9,382	203.27	*	
Neug.....	*	*	*	*
Linseed.....	2,845	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	5,805	*	*	*
Vegetables.....	135,491	1,381.95	124,780.15	
Lettuce.....	*	*	-	-
Head Cabbage.....	7,481	64.76	6,209.98	95.89
Ethiopian Cabbage.....	121,029	824.36	100,465.30	121.87
Tomatoes.....	*	*	*	*
Green peppers.....	29,692	128.42	11,124.77	86.63
Red peppers.....	15,462	359.47	6,754.36	18.79
Swiss chard.....	-	-	-	-
Root Crops.....	137,344	3,734.61	303,721.96	
Beetroot.....	8,746	27.26	3,497.30	128.29
Carrot.....	*	*	*	*
Onion.....	18,553	84.96	11,686.34	137.55
Potatoes.....	1,846	*	*	*
Garlic.....	25,302	*	*	*
Taro/'Godere'.....	113,801	2,988.03	218,125.89	73.00
Sweet potatoes.....	12,871	158.53	19,007.92	119.90
Fruit Crops.....	79,261	1,440.42	84,121.77	
Avocados.....	17,704	150.09	9,039.93	60.23
Bananas.....	69,324	1,157.39	62,985.44	54.42
Guavas.....	*	*	*	*
Lemons.....	2,206	*	*	*
Mangoes.....	5,487	21.81	1,359.62	62.34
Oranges.....	2,065	*	*	*
Papayas.....	12,387	51.62	6,589.68	127.66
Pineapples.....	*	*	-	-
Chat.....	20,542	187.21	3,030.90	16.19
Coffee.....	121,067	9,861.65	92,107.85	9.34
Hops.....	12,062	76.19	1,246.49	16.36
Sugar Cane.....	53,402	642.54	228,834.91	356.14
Enset.....	187,361	20,669.92	832,894.41	40.29

**Table 10.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Gamo Gofa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	342,500	141,573.13	2,177,017.92	
Cereals.....	329,438	122,021.21	1,982,169.23	
Teff.....	152,560	48,129.76	563,146.45	11.70
Barley.....	152,571	15,416.83	168,375.80	10.92
Wheat.....	72,041	8,269.35	*	*
Maize.....	164,217	37,662.24	959,295.66	25.47
Sorghum.....	69,601	12,318.92	179,763.38	14.59
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	231,144	18,624.84	188,349.13	
Faba beans.....	67,421	2,987.04	*	*
Field peas.....	50,708	*	17,073.67	*
Haricot beans.....	164,242	12,935.18	136,972.11	10.59
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	8,168	28.78	156.99	5.45
Gibto.....	*	*	-	-
Oilseeds.....	24,756	927.08	*	
Neug.....	-	-	-	-
Linseed.....	13,220	*	*	*
Groundnuts.....	4,964	*	*	*
Safflower.....	*	*	*	*
Sesame.....	5,645	*	*	*
Rape seed.....	*	*	-	-
Vegetables.....	127,515	775.72	89,433.74	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	108,280	683.39	81,596.36	119.40
Tomatoes.....	*	*	*	*
Green peppers.....	12,816	*	*	*
Red peppers.....	10,931	31.99	963.15	30.11
Swiss chard.....	-	-	-	-
Root Crops.....	286,803	14,915.35	1,395,097.16	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	47,465	256.31	33,811.89	131.92
Potatoes.....	70,422	*	*	*
Garlic.....	21,732	*	*	*
Taro/'Godere'.....	149,451	3,704.18	303,002.17	81.80
Sweet potatoes.....	195,312	8,381.02	788,821.66	94.12
Fruit Crops.....	164,630	6,723.84	715,795.18	
Avocados.....	24,660	92.42	2,880.80	31.17
Bananas.....	117,135	5,523.64	554,905.36	100.46
Guavas.....	*	*	*	*
Lemons.....	14,370	32.43	4,483.00	138.24
Mangoes.....	82,521	871.14	105,521.01	121.13
Oranges.....	12,542	27.32	8,211.46	300.57
Papayas.....	44,677	159.94	39,761.81	248.60
Pineapples.....	*	*	-	-
Chat.....	17,100	*	*	*
Coffee.....	199,426	4,842.98	24,844.50	5.13
Hops.....	9,877	*	*	*
Sugar Cane.....	55,245	965.02	281,080.99	291.27
Enset.....	285,489	11,588.60	147,499.71	12.73

**Table 10.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Bench - Maji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	84,785	41,059.36	624,034.40	
Cereals.....	79,356	34,732.02	563,188.28	
Teff.....	22,316	4,168.66	51,902.10	12.45
Barley.....	19,180	2,935.43	30,196.15	10.29
Wheat.....	3,015	681.87	5,988.46	8.78
Maize.....	40,687	9,207.98	204,444.48	22.20
Sorghum.....	40,551	16,071.32	246,310.40	15.33
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	49,575	6,201.34	59,970.95	
Faba beans.....	18,686	2,375.24	25,983.27	10.94
Field peas.....	11,138	1,759.67	12,314.42	7.00
Haricot beans.....	39,968	2,058.21	21,607.44	10.50
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	3,389	126.00	875.16	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	67,676	1,453.01	115,502.65	
Lettuce.....	-	-	-	-
Head Cabbage.....	3,627	39.39	3,777.22	95.89
Ethiopian Cabbage.....	60,129	431.62	49,826.72	115.44
Tomatoes.....	*	*	*	*
Green peppers.....	10,145	56.03	5,644.28	100.74
Red peppers.....	8,165	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	82,256	4,397.16	316,843.57	
Beetroot.....	*	*	*	*
Carrot.....	562	*	*	*
Onion.....	5,511	*	*	*
Potatoes.....	2,157	23.05	2,439.54	105.84
Garlic.....	2,095	4.65	668.39	143.74
Taro/'Godere'.....	78,976	4,127.72	294,347.40	71.31
Sweet potatoes.....	7,696	*	*	*
Fruit Crops.....	62,871	1,489.22	58,804.83	
Avocados.....	14,421	148.86	9,735.68	65.40
Bananas.....	50,673	1,008.18	1,109.00	1.10
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	20,827	198.36	19,490.44	98.26
Oranges.....	7,982	43.32	13,020.05	300.56
Papayas.....	19,905	84.76	15,304.54	180.56
Pineapples.....	1,140	*	*	*
Chat.....	19,852	429.16	5,270.03	12.28
Coffee.....	79,342	12,122.76	109,468.52	9.03
Hops.....	14,597	80.87	1,246.20	15.41
Sugar Cane.....	28,356	473.35	211,739.23	447.32
Enset.....	77,819	2,322.22	52,064.20	22.42

**Table 10.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Yem Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	19,684	21,214.50	256,920.16	
Cereals.....	19,600	18,206.81	225,290.06	
Teff.....	17,219	8,523.09	84,083.75	9.87
Barley.....	12,264	1,406.54	15,181.60	10.79
Wheat.....	13,766	5,153.82	77,559.05	15.05
Maize.....	16,969	2,323.29	38,965.02	16.77
Sorghum.....	6,490	777.76	9,304.69	11.96
Finger millet.....	*	*	-	-
Oats/'Aja'.....	904	22.29	195.95	8.79
Rice.....	-	-	-	-
Pulses.....	14,538	2,828.31	30,763.00	
Faba beans.....	12,120	1,697.44	20,162.12	11.88
Field peas.....	6,524	1,056.17	10,072.55	9.54
Haricot beans.....	4,373	11.90	160.22	13.46
Chick-peas.....	*	*	*	*
Lentils.....	2,207	54.79	334.36	6.10
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	2,481	6.48	23.08	3.56
Gibto.....	-	-	-	-
Oilseeds.....	4,435	179.38	867.11	
Neug.....	*	*	*	*
Linseed.....	1,553	96.54	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	3,095	46.17	356.55	7.72
Vegetables.....	16,364	123.94	15,537.12	
Lettuce.....	*	*	-	-
Head Cabbage.....	2,315	6.40	613.74	95.90
Ethiopian Cabbage.....	15,797	104.69	13,401.80	128.01
Tomatoes.....	946	4.51	697.70	154.70
Green peppers.....	2,984	3.78	439.10	116.16
Red peppers.....	539	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	14,320	390.33	31,598.99	
Beetroot.....	2,957	4.72	631.77	133.85
Carrot.....	1,312	2.83	356.69	126.04
Onion.....	1,072	1.59	231.46	145.57
Potatoes.....	-	-	-	-
Garlic.....	2,419	2.63	350.58	133.30
Taro/'Godere'.....	10,245	239.54	16,865.96	70.41
Sweet potatoes.....	8,270	139.02	13,162.53	94.68
Fruit Crops.....	9,031	119.58	7,695.04	
Avocados.....	4,876	32.48	2,650.96	81.62
Bananas.....	6,159	60.71	3,449.57	56.82
Guavas.....	835	1.74	47.25	27.16
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	1,064	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	-	-
Chat.....	9,502	203.71	2,839.68	13.94
Coffee.....	13,687	373.82	2,631.71	7.04
Hops.....	3,415	12.49	508.23	40.69
Sugar Cane.....	8,270	150.59	46,456.50	308.50
Enset.....	18,892	1,755.32	18,532.70	10.56

**Table 10.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Amaro Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	34,456	8,784.06	100,356.50	
Cereals.....	33,055	6,505.99	76,532.14	
Teff.....	18,639	3,410.63	36,628.69	10.74
Barley.....	14,224	1,139.53	11,803.68	10.36
Wheat.....	3,039	562.06	4,510.15	8.02
Maize.....	19,970	1,308.96	23,084.34	17.64
Sorghum.....	967	77.73	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	-	-
Pulses.....	26,599	2,276.97	23,824.36	
Faba beans.....	5,397	147.48	1,327.86	9.00
Field peas.....	5,459	255.15	2,282.84	8.95
Haricot beans.....	19,940	1,734.03	19,394.76	11.18
Chick-peas.....	*	*	*	*
Lentils.....	1,831	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	18,286	295.21	34,106.03	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	17,957	289.60	33,454.43	115.52
Tomatoes.....	992	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	*	*
Root Crops.....	11,076	203.09	19,304.87	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	2,450	11.70	1,000.20	85.49
Sweet potatoes.....	9,754	190.02	18,173.29	95.64
Fruit Crops.....	23,473	723.84	68,909.18	
Avocados.....	12,926	145.02	16,121.78	111.17
Bananas.....	20,053	441.86	30,788.60	69.68
Guavas.....	*	*	*	*
Lemons.....	2,509	*	*	*
Mangoes.....	6,044	65.50	8,037.99	122.72
Oranges.....	2,399	*	*	*
Papayas.....	4,869	*	*	*
Pineapples.....	-	-	-	-
Chat.....	3,510	*	*	*
Coffee.....	29,323	2,763.09	23,762.57	8.60
Hops.....	-	-	-	-
Sugar Cane.....	12,219	265.99	141,888.46	533.44
Enset.....	37,755	4,035.37	83,871.09	20.78

**Table 10.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Burji Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	9,519	7,517.86	70,845.79	
Cereals.....	9,093	4,210.77	42,691.39	
Teff.....	6,453	1,882.68	14,127.24	7.50
Barley.....	3,822	291.60	1,962.85	6.73
Wheat.....	4,001	472.47	3,860.69	8.17
Maize.....	6,296	1,255.56	19,744.04	15.73
Sorghum.....	2,221	306.04	2,984.99	9.75
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	8,113	3,299.04	28,126.48	
Faba beans.....	*	*	*	*
Field peas.....	370	19.63	179.28	9.13
Haricot beans.....	7,574	3,129.44	27,213.61	8.70
Chick-peas.....	641	80.23	400.10	4.99
Lentils.....	304	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	577	45.52	*	*
Gibto.....	*	*	-	-
Oilseeds.....	517	8.05	27.92	
Neug.....	-	-	-	-
Linseed.....	312	5.64	18.24	3.23
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	5,868	88.69	9,119.93	
Lettuce.....	-	-	-	-
Head Cabbage.....	170	*	*	*
Ethiopian Cabbage.....	5,120	67.09	6,973.78	103.95
Tomatoes.....	1,184	5.54	667.84	120.55
Green peppers.....	944	*	*	*
Red peppers.....	*	0.92	33.61	36.53
Swiss chard.....	*	*	*	*
Root Crops.....	2,115	15.04	1,399.21	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	482	2.09	169.28	81.00
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	1,177	9.90	936.18	94.56
Fruit Crops.....	4,364	79.83	*	
Avocados.....	1,245	*	*	*
Bananas.....	3,125	42.70	2,124.31	49.75
Guavas.....	759	1.96	17.30	8.83
Lemons.....	412	1.22	16.70	13.69
Mangoes.....	1,111	*	*	*
Oranges.....	458	*	*	*
Papayas.....	2,144	6.82	374.12	54.86
Pineapples.....	*	*	-	-
Chat.....	453	*	*	*
Coffee.....	3,890	120.66	777.05	6.44
Hops.....	311	*	*	*
Sugar Cane.....	2,226	48.41	12,118.61	250.33
Enset.....	3,810	580.00	4,942.74	8.52

**Table 10.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Konso Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	51,019	28,232.18	347,607.99	
Cereals.....	50,960	25,840.32	326,008.24	
Teff.....	17,460	6,185.53	67,111.49	10.85
Barley.....	1,507	*	*	*
Wheat.....	*	*	*	*
Maize.....	37,278	9,581.52	162,486.48	16.96
Sorghum.....	41,824	9,947.18	95,218.75	9.57
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	26,371	2,355.90	21,323.53	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
Haricot beans.....	26,371	2,336.43	21,255.01	9.10
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1,835	35.97	276.22	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	1,018	*	*	*
Sesame.....	817	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	*	25.03	3,783.66	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	3,469	5.48	847.24	154.61
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	*	*
Root Crops.....	5,703	39.63	3,647.15	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	3,272	28.97	2,003.97	69.17
Fruit Crops.....	17,741	222.98	17,890.38	
Avocados.....	*	*	*	*
Bananas.....	8,577	107.56	3,957.29	36.79
Guavas.....	1,904	2.20	37.72	17.15
Lemons.....	1,004	*	*	*
Mangoes.....	4,668	*	*	*
Oranges.....	*	*	*	*
Papayas.....	8,385	16.19	3,608.04	222.86
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	14,670	401.56	1,855.21	4.62
Hops.....	*	*	*	*
Sugar Cane.....	2,399	*	*	*
Enset.....	-	-	-	-

**Table 10.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Derashe Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	32,055	21,805.54	419,452.42	
Cereals.....	31,863	19,323.67	367,760.48	
Teff.....	9,950	2,064.65	23,082.27	11.18
Barley.....	8,490	707.73	9,735.95	13.76
Wheat.....	4,543	516.71	6,510.00	12.60
Maize.....	22,317	7,798.87	180,195.12	23.11
Sorghum.....	18,673	8,228.37	148,237.14	18.02
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	16,512	2,447.94	51,015.02	
Faba beans.....	2,123	83.12	804.19	9.68
Field peas.....	1,842	164.87	*	*
Haricot beans.....	14,649	2,151.17	48,327.50	22.47
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1,413	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	11,547	129.18	12,999.07	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	9,987	115.33	11,728.22	101.69
Tomatoes.....	599	*	*	*
Green peppers.....	1,094	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	7,556	107.30	10,548.54	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	1,918	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	4,420	46.70	3,784.29	81.03
Sweet potatoes.....	2,254	28.94	3,004.05	103.80
Fruit Crops.....	5,942	84.25	1,668.00	
Avocados.....	*	*	*	*
Bananas.....	3,896	75.71	876.75	11.58
Guavas.....	*	*	*	*
Lemons.....	545	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	1,950	4.09	290.28	70.97
Pineapples.....	-	-	-	-
Chat.....	4,003	*	*	*
Coffee.....	10,422	211.18	1,613.41	7.64
Hops.....	1,356	11.90	78.51	6.60
Sugar Cane.....	2,858	32.67	3,430.80	105.01
Enset.....	10,291	350.87	6,354.18	18.11

**Table 10.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Dawro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	66,313	41,528.53	634,666.76	
Cereals.....	57,095	25,431.25	409,801.81	
Teff.....	38,695	11,597.31	101,235.01	8.73
Barley.....	8,947	1,376.83	20,728.76	15.06
Wheat.....	11,329	2,213.16	35,556.09	16.07
Maize.....	26,467	7,084.99	201,923.94	28.50
Sorghum.....	20,536	3,101.84	49,731.71	16.03
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	47,438	15,659.47	222,868.02	
Faba beans.....	25,923	6,237.12	97,616.55	15.65
Field peas.....	19,616	5,712.97	73,452.78	12.86
Haricot beans.....	22,406	3,363.80	*	*
Chick-peas.....	*	*	*	*
Lentils.....	4,299	331.54	3,577.62	10.79
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	5,637	*	*	
Neug.....	-	-	-	-
Linseed.....	4,225	71.44	444.03	6.22
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	43,998	409.66	44,462.19	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	40,654	357.55	41,443.42	115.91
Tomatoes.....	*	*	*	*
Green peppers.....	5,745	21.75	2,181.50	100.30
Red peppers.....	3,364	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	62,282	3,850.24	337,644.98	
Beetroot.....	680	*	*	*
Carrot.....	*	*	*	*
Onion.....	1,613	*	*	*
Potatoes.....	877	6.04	588.90	97.50
Garlic.....	2,024	5.42	727.78	134.28
Taro/'Godere'.....	59,915	3,471.08	299,033.83	86.15
Sweet potatoes.....	14,014	359.82	36,359.99	101.05
Fruit Crops.....	44,604	854.62	78,186.00	
Avocados.....	22,964	194.08	13,752.42	70.86
Bananas.....	31,951	438.12	34,515.09	78.78
Guavas.....	680	*	*	*
Lemons.....	1,972	*	*	*
Mangoes.....	7,607	62.54	6,605.83	105.63
Oranges.....	4,460	*	*	*
Papayas.....	11,377	71.22	8,452.03	118.67
Pineapples.....	*	*	-	-
Chat.....	2,463	13.14	105.61	8.04
Coffee.....	46,077	1,382.89	11,464.18	8.29
Hops.....	6,404	48.80	11,085.09	227.15
Sugar Cane.....	15,029	143.44	46,960.13	327.39
Enset.....	69,685	8,031.42	145,449.06	18.11

**Table 10.18 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Basketo Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	17,879	3,462.20	51,401.64	
Cereals.....	16,715	2,875.49	47,531.47	
Teff.....	7,580	963.70	13,564.38	14.08
Barley.....	1,527	221.27	1,064.47	4.81
Wheat.....	*	*	*	*
Maize.....	14,192	1,245.75	27,961.45	22.45
Sorghum.....	5,661	384.92	4,642.50	12.06
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	13,479	543.04	3,738.71	
Faba beans.....	1,721	38.18	232.07	6.08
Field peas.....	3,183	102.81	591.33	5.75
Haricot beans.....	12,449	390.83	2,874.48	7.35
Chick-peas.....	-	-	-	-
Lentils.....	196	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	*	*	-	-
Oilseeds.....	1,387	43.67	131.46	
Neug.....	-	-	-	-
Linseed.....	634	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	394	*	26.59	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	4,411	28.33	3,091.85	
Lettuce.....	-	-	-	-
Head Cabbage.....	669	6.39	718.02	112.37
Ethiopian Cabbage.....	3,218	19.97	2,206.86	110.51
Tomatoes.....	*	*	*	*
Green peppers.....	475	1.28	122.55	95.74
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	17,121	907.81	73,803.67	
Beetroot.....	424	*	*	*
Carrot.....	-	-	-	-
Onion.....	2,133	10.96	1,273.59	116.20
Potatoes.....	1,228	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	14,372	339.32	24,655.26	72.66
Sweet potatoes.....	13,215	536.10	45,976.10	85.76
Fruit Crops.....	15,172	256.89	29,297.00	
Avocados.....	8,978	85.71	6,995.66	81.62
Bananas.....	9,548	130.64	16,800.83	128.60
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	5,174	26.91	3,564.21	132.45
Oranges.....	303	1.17	161.85	138.33
Papayas.....	1,933	8.20	1,657.66	202.15
Pineapples.....	291	1.60	-	-
Chat.....	*	*	*	*
Coffee.....	16,614	736.71	5,414.79	7.35
Hops.....	1,205	8.83	142.81	16.17
Sugar Cane.....	7,453	69.63	32,787.48	470.88
Enset.....	16,300	860.57	15,584.84	18.11

**Table 10.19 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Konta Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	26,146	12,513.44	190,378.98	
Cereals.....	22,955	9,015.30	150,047.26	
Teff.....	16,434	4,380.60	41,001.91	9.36
Barley.....	2,751	265.89	*	*
Wheat.....	2,630	381.60	*	*
Maize.....	9,898	2,697.63	78,913.29	29.25
Sorghum.....	7,270	1,253.67	19,840.76	15.83
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	17,439	3,486.69	40,161.47	
Faba beans.....	10,782	2,084.16	26,205.75	12.57
Field peas.....	5,146	713.62	5,830.20	8.17
Haricot beans.....	9,254	659.06	7,976.03	12.10
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	*	*	*	*
Oilseeds.....	425	*	*	
Neug.....	-	-	-	-
Linseed.....	305	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	10,977	65.66	5,276.97	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	8,325	31.04	3,504.26	112.89
Tomatoes.....	*	*	*	*
Green peppers.....	4,292	10.22	1,081.75	105.85
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	23,022	1,972.45	209,703.31	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	967	*	*	*
Taro/'Godere'.....	22,647	1,793.70	192,750.56	107.46
Sweet potatoes.....	4,254	*	*	*
Fruit Crops.....	20,962	606.25	59,382.02	
Avocados.....	12,480	111.62	4,421.21	39.61
Bananas.....	16,727	383.95	34,988.93	91.13
Guavas.....	2,135	*	*	*
Lemons.....	1,482	*	*	*
Mangoes.....	5,366	*	*	*
Oranges.....	3,920	19.13	1,824.49	95.37
Papayas.....	7,523	36.61	12,140.99	331.63
Pineapples.....	*	*	-	-
Chat.....	3,072	*	*	*
Coffee.....	17,273	507.54	2,725.50	5.37
Hops.....	3,343	48.14	856.01	17.78
Sugar Cane.....	6,402	29.21	13,434.18	459.92
Enset.....	27,583	1,593.93	33,128.20	20.78

**Table 10.20 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Silitie

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	187,825	99,264.02	2,516,898.71	
Cereals.....	185,762	91,939.09	2,421,597.52	
Teff.....	50,223	11,069.47	120,543.57	10.89
Barley.....	74,337	7,431.53	139,653.32	18.79
Wheat.....	96,440	21,299.74	588,417.83	27.63
Maize.....	153,934	41,505.86	1,392,796.94	33.56
Sorghum.....	84,800	10,219.14	173,128.62	16.94
Finger millet.....	8,347	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	114,725	6,976.24	93,717.68	
Faba beans.....	88,794	3,456.52	54,098.54	15.65
Field peas.....	30,472	1,711.43	20,595.47	12.03
Haricot beans.....	28,215	1,179.85	12,241.96	10.38
Chick-peas.....	4,814	233.74	3,062.42	13.10
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	5,651	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	9,054	*	*	
Neug.....	-	-	-	-
Linseed.....	6,282	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	-	-
Rape seed.....	2,174	*	*	*
Vegetables.....	159,935	10,741.70	38,609.06	
Lettuce.....	*	*	-	-
Head Cabbage.....	14,634	124.95	14,463.45	115.75
Ethiopian Cabbage.....	136,803	2,405.72	5,412.90	2.25
Tomatoes.....	1,515	*	*	*
Green peppers.....	4,710	*	*	*
Red peppers.....	58,536	8,161.18	13,955.63	1.71
Swiss chard.....	*	*	*	*
Root Crops.....	36,385	411.13	39,389.07	
Beetroot.....	7,888	16.48	2,112.28	128.17
Carrot.....	8,703	*	*	*
Onion.....	8,956	115.50	13,421.96	116.21
Potatoes.....	15,336	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	54,282	397.05	58,024.25	
Avocados.....	13,715	53.07	3,657.79	68.92
Bananas.....	20,374	73.58	3,664.48	49.80
Guavas.....	*	*	*	*
Lemons.....	2,370	6.38	200.91	31.49
Mangoes.....	4,420	21.21	2,240.27	105.62
Oranges.....	8,204	*	*	*
Papayas.....	24,127	80.56	15,772.69	195.79
Pineapples.....	-	-	-	-
Chat.....	77,234	2,615.35	36,902.53	14.11
Coffee.....	48,337	547.73	2,766.02	5.05
Hops.....	*	*	*	*
Sugar Cane.....	9,999	*	*	*
Enset.....	84,656	5,586.64	23,435.97	4.20

**Table 10.21 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Alaba Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	58,042	40,904.41	821,978.37	
Cereals.....	57,610	38,529.98	792,382.01	
Teff.....	31,238	9,236.75	92,828.99	10.05
Barley.....	3,100	179.78	1,799.39	10.01
Wheat.....	14,076	3,623.11	62,803.41	17.33
Maize.....	55,821	21,078.91	565,071.00	26.81
Sorghum.....	36,152	3,166.79	49,266.91	15.56
Finger millet.....	22,019	1,244.65	20,612.30	16.56
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	28,809	2,279.29	29,255.69	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	28,194	2,190.86	28,207.03	12.87
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	4,399	95.15	340.67	
Neug.....	*	*	-	-
Linseed.....	1,740	26.39	116.17	4.40
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	2,387	37.26	211.05	5.66
Vegetables.....	46,165	4,863.43	182,291.41	
Lettuce.....	*	*	-	-
Head Cabbage.....	6,811	38.81	6,369.24	164.11
Ethiopian Cabbage.....	34,638	589.46	78,981.99	133.99
Tomatoes.....	*	*	*	*
Green peppers.....	1,578	4.15	396.83	95.62
Red peppers.....	29,552	4,228.44	96,408.45	22.80
Swiss chard.....	*	*	*	*
Root Crops.....	6,812	*	*	
Beetroot.....	3,097	8.39	807.32	96.22
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	2,209	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	12,906	54.94	3,691.29	
Avocados.....	1,516	4.28	349.31	81.61
Bananas.....	8,631	41.94	2,669.57	63.65
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	5,176	6.41	483.13	75.37
Pineapples.....	-	-	-	-
Chat.....	29,080	1,183.00	15,154.25	12.81
Coffee.....	13,637	184.24	1,339.41	7.27
Hops.....	*	*	*	*
Sugar Cane.....	2,880	20.33	1,260.30	61.99
Enset.....	11,827	72.72	955.38	13.14

**Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Gambela Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	38,792	7,975.03	162,683.35	
Cereals.....	35,880	7,893.18	162,202.77	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	25,170	4,518.41	106,874.12	23.65
Sorghum.....	13,453	3,324.79	54,973.60	16.53
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	2,120	*	*	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
Haricot beans.....	1,978	10.61	*	*
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	294.24	
Neug.....	*	*	*	*
Linseed.....	-	-	-	-
Groundnuts.....	*	*	251.29	*
Safflower.....	*	*	-	-
Sesame.....	*	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	8,186	161.85	9,773.88	
Lettuce.....	*	*	-	-
Head Cabbage.....	389	3.84	-	-
Ethiopian Cabbage....	3,027	23.57	2,428.64	103.04
Tomatoes.....	1,283	*	*	*
Green peppers.....	1,570	17.30	1,666.91	96.35
Red peppers.....	3,532	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	11,737	245.28	22,695.59	
Beetroot.....	138	*	-	-
Carrot.....	*	*	-	-
Onion.....	511	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	6,211	94.86	7,789.88	82.12
Sweet potatoes.....	6,284	143.64	14,905.71	103.77
Fruit Crops.....	20,582	408.69	-	
Avocados.....	6,371	52.95	-	-
Bananas.....	8,385	135.35	-	-
Guavas.....	636	*	-	-
Lemons.....	795	3.29	-	-
Mangoes.....	9,231	134.45	-	-
Oranges.....	2,075	10.74	-	-
Papayas.....	9,905	62.54	-	-
Pineapples.....	972	3.70	-	-
Chat.....	2,588	126.55	-	-
Coffee.....	11,334	3,956.72	-	-
Hops.....	2,011	40.45	-	-
Sugar Cane.....	7,109	131.71	-	-
Enset.....	8,817	382.82	6,773.64	17.69

**Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Agnuwak

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	9,050	1,648.84	42,313.79	
Cereals.....	6,394	1,589.23	42,021.31	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	3,934	935.76	*	*
Sorghum.....	2,836	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	1,358	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	1,358	*	*	*
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	279.57	
Neug.....	*	*	*	*
Linseed.....	-	-	-	-
Groundnuts.....	*	*	236.62	*
Safflower.....	-	-	-	-
Sesame.....	*	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	2,596	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	379	1.44	138.44	96.14
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	5,590	132.67	13,267.31	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	997	11.06	908.45	82.14
Sweet potatoes.....	4,854	119.10	12,358.87	103.77
Fruit Crops.....	7,830	115.16	-	
Avocados.....	*	*	-	-
Bananas.....	2,113	*	-	-
Guavas.....	*	*	-	-
Lemons.....	424	2.39	-	-
Mangoes.....	2,157	42.75	-	-
Oranges.....	*	*	-	-
Papayas.....	5,623	41.52	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	-	-
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

**Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Nuware

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	11,814	2,259.74	48,075.22	
Cereals.....	11,759	2,258.60	48,060.56	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	11,651	2,235.41	47,735.73	21.35
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*	*	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	*	-	-	-
Enset.....	-	-	-	-

**Table 11.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Mezhenger

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	11,677	2,971.66	44,670.59	
Cereals.....	11,502	2,952.77	44,497.17	
Teff.....	*	*	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	3,419	272.84	3,235.32	11.86
Sorghum.....	10,277	2,670.31	41,261.84	15.45
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	724	*	*	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
Haricot beans.....	581	*	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	5,274	80.77	4,360.34	
Lettuce.....	*	*	-	-
Head Cabbage.....	351	3.55	-	-
Ethiopian Cabbage....	2,814	19.49	2,008.84	103.07
Tomatoes.....	133	*	*	*
Green peppers.....	1,154	*	*	*
Red peppers.....	2,042	41.19	715.52	17.37
Swiss chard.....	-	-	-	-
Root Crops.....	5,815	103.43	8,690.53	
Beetroot.....	110	*	-	-
Carrot.....	-	-	-	-
Onion.....	188	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	5,145	82.72	6,793.11	82.12
Sweet potatoes.....	1,165	18.28	1,897.42	103.80
Fruit Crops.....	10,951	230.31	-	
Avocados.....	6,158	49.10	-	-
Bananas.....	5,323	88.32	-	-
Guavas.....	336	*	-	-
Lemons.....	372	*	-	-
Mangoes.....	5,628	59.69	-	-
Oranges.....	2,024	10.57	-	-
Papayas.....	3,891	16.03	-	-
Pineapples.....	972	3.70	-	-
Chat.....	2,511	124.10	-	
Coffee.....	10,779	3,897.25	-	
Hops.....	1,707	29.76	-	
Sugar Cane.....	6,059	93.26	-	
Enset.....	8,817	382.82	6,773.64	17.69

**Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Itang Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6,251	1,094.79	27,623.74	
Cereals.....	6,225	1,092.58	27,623.74	
Teff.....	-	-	-	-
Barley.....	*	*	-	-
Wheat.....	-	-	-	-
Maize.....	6,166	1,074.39	27,278.74	25.39
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	237	2.59	477.18	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	237	2.57	475.27	184.93
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	234	7.20	*	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	167	*	*	*
Fruit Crops.....	1,611	60.63	-	
Avocados.....	-	-	-	-
Bananas.....	950	*	-	-
Guavas.....	*	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	1,419	32.00	-	-
Oranges.....	-	-	-	-
Papayas.....	202	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

**Table 12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 20010/2011 (2003 E.C)**

Harari

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	20,418	11,593.13	225,687.68	
Cereals.....	20,321	9,869.41	202,931.53	
Teff.....	*	*	-	-
Barley.....	394	25.26	204.39	8.09
Wheat.....	1,451	71.79	831.08	11.58
Maize.....	15,371	2,068.62	53,378.16	25.80
Sorghum.....	19,734	7,701.89	148,510.94	19.28
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	403	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	274	*	*	*
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	9,166	1,708.04	22,654.93	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	9,046	1,704.58	22,586.42	13.25
Safflower.....	-	-	-	-
Sesame.....	204	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	879	*	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	288	*	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	2,757	119.42	8,178.85	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	210	*	-	-
Potatoes.....	497	17.75	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	2,182	96.87	8,178.85	84.43
Fruit Crops.....	7,032	449.46	*	
Avocados.....	-	-	-	-
Bananas.....	1,705	*	*	*
Guavas.....	857	7.23	-	-
Lemons.....	1,832	*	-	-
Mangoes.....	4,991	264.83	288.66	1.09
Oranges.....	-	-	-	-
Papayas.....	1,732	*	*	*
Pineapples.....	-	-	-	-
Chat.....	18,570	4,833.39	82,650.91	17.10
Coffee.....	1,584	*	*	*
Hops.....	*	*	-	-
Sugar Cane.....	2,748	*	-	-
Enset.....	*	*	-	-

**Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2011/12 (2004 E.C.)**

Dire Dawa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	21,130	10,350.76	153,069.91	
Cereals.....	21,130	9,627.15	142,026.27	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	5,435	219.02	3,741.31	17.08
Sorghum.....	20,830	9,389.52	138,116.32	14.71
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	8,050	499.42	7,579.83	
Faba beans.....	-	-	-	-
Field peas.....	*	*	-	-
Haricot beans.....	8,050	499.16	7,579.83	15.19
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	3,082	224.19	3,463.80	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	1,829	99.75	*	*
Rape seed.....	*	*	-	-
Vegetables.....	2,642	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	2,314	*	*	*
Green peppers.....	519	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	4,402	84.55	5,399.51	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	2,041	31.87	-	-
Potatoes.....	526	4.50	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	2,730	48.18	5,399.51	112.07
Fruit Crops.....	5,379	70.07	-	
Avocados.....	-	-	-	-
Bananas.....	638	4.39	-	-
Guavas.....	1,679	11.20	-	-
Lemons.....	477	*	-	-
Mangoes.....	1,594	23.94	-	-
Oranges.....	258	*	-	-
Papayas.....	2,327	16.89	-	-
Pineapples.....	-	-	-	-
Chat.....	12,611	1,126.51	12,797.14	11.36
Coffee.....	4,157	113.34	405.77	3.58
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

APPENDIX I
ESTIMATION PROCEDURES OF TOTAL, RATIO AND
SAMPLING ERRORS

APPENDIX I Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total area of land under specific crop, production and yield of specific crop in a stratum.

1. For estimating Total Area of Land under Specific Crop:

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} a_{hij} = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

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 the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.

a_{hij} is the value of area for agricultural household j , in the i^{th} EA in the h^{th} stratum under a specific crop.

a_{hi} is the sample total area under specific crop for EA i in stratum h

$\hat{A}_h$ estimate of total area under specific crop in stratum h

2. For estimating Total Production under Specific Crop:

$$\hat{P}_h = \sum_{i=1}^{n_h} W_{hi} P_{hi}$$

in which, $P_{hi} = a_{hi} * \bar{Y}_{hi}$

Where, $\bar{Y}_{hi} = \frac{Y_{hi}}{16C_{hi}}$ is average yield per square meter of a specific crop in the i^{th} EA in the h^{th} stratum.

$\hat{P}_h$ is estimate of total quantity of production of a specific crop in the h^{th} stratum.

Y_{hi} is sample total quantity of production of a specific crop from defined area of land for crop cutting of a crop in the i^{th} EA in the h^{th} stratum.

P_{hi} is estimate of total quantity of production under specific crop for EA i in stratum h .

C_{hi} is the number of crop cutting of a specific crop in the i^{th} EA in the h^{th} stratum.

3. For estimating yield of a specific crop in stratum h :

$$\hat{Y}_h = \frac{\hat{P}_h}{\hat{A}_h}$$

4. Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of area, production and yield for a specific crop are estimated by the following formulas.

$$Var(\hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{P}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{P}_{hi} - \frac{\hat{P}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{P}_{hij} - \frac{\hat{P}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{Y}_h) = \frac{1}{\hat{A}_h^2} \left[Var(\hat{P}_h) + \hat{Y}_h^2 Var(\hat{A}_h) - 2\hat{Y}_h Cov(\hat{P}_h, \hat{A}_h) \right]$$

Where,

$$Cov(\hat{P}_h, \hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right) \left(\hat{P}_{hi} - \frac{\hat{P}_h}{n_h} \right) + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right) \left(\hat{P}_{hij} - \frac{\hat{P}_{hi}}{h_{hi}} \right)$$

f_h = average first stage probability of selection of EAs within stratum h .

$f_{hi} = \frac{h_{hi}}{H_{hi}}$ = average second stage probability of selection within the i^{th} sample EA in stratum h .

$\hat{A}_{hi}, \hat{P}_{hi}$ are weighted total area and production, respectively, of a specific crop in the i^{th} EA and h^{th} stratum.

$\hat{A}_{hij}, \hat{P}_{hij}$ are weighted values of area and production, respectively, from j^{th} agricultural household in the i^{th} EA and h^{th} stratum under a specific crop.

Since all strata are independent, the total variance at regional and country level is computed by aggregating the result obtained at Zone/Special Wereda level, i.e.

$$Var(\hat{A}) = \sum_h^L Var(\hat{A}_h), Var(\hat{P}) = \sum_h^L Var(\hat{P}_h) \text{ and } Var(\hat{Y}) = \sum_h^L Var(\hat{Y}_h)$$

Where, L is the number of strata (Zone/Special Wereda).

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.

5. 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 are given by:

$$CV(\hat{A}_h) = \frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h} * 100, CV(\hat{P}_h) = \frac{\sqrt{Var(\hat{P}_h)}}{\hat{P}_h} * 100, CV(\hat{Y}_h) = \frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h} * 100$$

6. Ninety-five percent confidence interval (CI) of stratum total of area:

$$\hat{A}_h \pm 1.96 * SE(\hat{A}_h) \quad ,$$

Where $SE(\hat{A}_h) = \sqrt{Var(\hat{A}_h)}$ is standard error of the estimate of the stratum total of area.

Estimates of standard error and confidence interval for the other estimates can also be calculated by adopting the above formulas.

APPENDIX II

**STANDARD ERRORS AND COEFFICIENTS OF VARIATION
OF ESTIMATES**

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Ethiopia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	12,086,603.89	181,996.70	1.51	218,570,429.67	4,020,482.79	1.84
<u>Cereals</u>	9,588,923.71	148,087.43	1.54	188,099,616.95	3,678,760.63	1.96
Teff	2,731,111.67	78,471.45	2.87	34,976,894.64	1,271,273.80	3.63
Barley	948,107.43	44,347.42	4.68	15,852,869.21	930,172.76	5.87
Wheat	1,437,484.73	62,219.84	4.33	29,163,336.88	1,556,975.93	5.34
Maize	2,054,723.69	61,565.78	3	60,694,130.14	2,192,671.22	3.61
Sorghum	1,923,717.49	71,071.96	3.69	39,512,942.36	1,758,033.81	4.45
Finger millet	432,561.00	23,960.95	5.54	6,518,509.00	428,389.14	6.57
Oats / 'Aja'	30,568.39	4,295.23	14.05	494,749.24	78,790.19	15.93
Rice	30,649.30	11,052.98	36.06	886,185.47	361,742.85	40.82
<u>Pulses</u>	1,616,809.37	47,081.82	2.91	23,162,012.43	839,329.54	3.62
Horse beans	457,559.94	18,648.28	4.08	7,147,960.23	350,267.44	4.9
Field peas	212,890.15	11,621.01	5.46	2,632,663.87	167,470.39	6.36
Haricot beans	331,708.15	21,445.76	6.47	3,878,023.01	275,054.27	7.09
Chick-peas	231,298.54	18,265.73	7.9	4,002,077.19	391,655.76	9.79
Lentils	109,895.27	9,066.58	8.25	1,280,087.87	150,164.99	11.73
Vetch	179,866.13	17,669.94	9.82	3,055,753.10	335,140.00	10.97
Soya beans	19,397.16	6,169.14	31.8	358,802.94	125,050.35	34.85
Fenugreek	39,964.58	5,696.48	14.25	362,939.17	55,102.37	15.18
Gibto	34,229.45	6,686.26	19.53	443,705.05	115,382.75	26
<u>Oilseeds</u>	880,870.81	54,277.87	6.16	7,308,800.29	466,043.70	6.38
Neug	309,010.72	20,449.63	6.62	1,863,205.76	149,775.93	8.04
Linseed	116,541.40	10,483.40	9	1,127,607.00	156,101.38	13.84
Groundnuts	64,476.52	10,723.50	16.63	1,034,787.88	177,651.62	17.17
Safflower	8,168.96	1,524.05	18.66	88,702.51	18,763.52	21.15
Sesame	337,505.41	49,055.35	14.53	2,447,833.59	372,092.88	15.2
Rape seed	45,167.81	5,239.71	11.6	746,663.56	97,594.89	13.07

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Tigray

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	864,918.44	45,694.63	5.28	14,898,420.68	885,402.59	5.94
<u>Cereals</u>	716,178.88	33,049.22	4.61	13,254,244.72	804,881.39	6.07
Teff	152,740.04	12,976.26	8.5	1,938,456.90	230,959.56	11.91
Barley	99,453.31	9,218.06	9.27	1,640,038.91	203,334.12	12.4
Wheat	105,308.56	10,250.43	9.73	2,001,695.78	242,409.89	12.11
Maize	64,803.39	5,395.48	8.33	1,536,108.00	137,938.81	8.98
Sorghum	215,142.84	18,739.19	8.71	4,736,781.77	487,717.83	10.3
Finger millet	76,654.62	7,438.13	9.7	1,337,897.07	162,986.58	12.18
Oats / 'Aja'	175.53	111.07	63.27	4,369.56	2,722.08	62.3
Rice	1,900.58	1,280.55	67.38	58,896.75	40,326.65	68.47
<u>Pulses</u>	50,020.04	4,548.25	9.09	779,842.37	87,266.74	11.19
Horse beans	15,440.04	2,120.33	13.73	275,170.97	43,008.19	15.63
Field peas	4,952.66	894.18	18.05	67,829.62	13,661.74	20.14
Haricot beans	3,570.22	1,500.72	42.03	43,621.42	27,530.66	63.11
Chick-peas	7,255.37	1,384.53	19.08	98,854.11	23,108.79	23.38
Lentils	7,795.65	1,630.66	20.92	102,399.90	23,403.72	22.86
Vetch	9,717.72	1,894.05	19.49	179,348.70	43,849.83	24.45
Soya beans	41.49	29.28	70.57	183.79	159.68	86.88
Fenugreek	1,246.89	454.36	36.44	12,433.85	5,828.80	46.88
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	98,719.52	24,059.83	24.37	864,333.59	163,860.77	18.96
Neug	4,982.41	1,125.18	22.58	76,916.82	26,433.58	34.37
Linseed	7,673.39	1,335.58	17.41	86,256.03	17,375.44	20.14
Groundnuts	44.48	31.92	71.75	206.97	144.63	69.88
Safflower	123.01	64.98	52.83	638.63	328.61	51.46
Sesame	85,889.92	24,275.12	28.26	700,259.63	166,924.30	23.84
Rape seed	6.31	3.39	53.8	55.52	29.87	53.8

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Afar

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	4,872.34	2,152.84	44.19	154,601.54	71,395.03	46.18
<u>Cereals</u>	4,872.34	2,152.84	44.19	154,601.54	71,395.03	46.18
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	4,333.21	2,134.36	49.26	140,498.06	69,702.68	49.61
Sorghum	539.13	336.6	62.43	14,103.48	9,994.81	70.87
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
<u>Pulses</u>	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	-	-	-	-	-	-
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Amhara

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	4,287,155.22	117,720.21	2.75	69,696,481.18	2,159,764.23	3.1
<u>Cereals</u>	3,252,573.69	93,883.97	2.89	57,132,600.78	1,960,088.98	3.43
Teff	1,003,380.97	47,542.78	4.74	13,102,807.95	732,628.92	5.59
Barley	303,760.05	25,316.01	8.33	4,315,578.73	449,603.15	10.42
Wheat	460,164.57	35,536.41	7.72	7,694,867.30	721,172.32	9.37
Maize	494,625.08	29,972.50	6.06	13,387,027.21	814,379.43	6.08
Sorghum	733,017.68	51,544.75	7.03	14,320,673.73	1,192,376.64	8.33
Finger millet	230,613.94	20,900.38	9.06	3,535,295.58	362,278.66	10.25
Oats / 'Aja'	2,534.32	647.35	25.54	32,426.02	8,042.08	24.8
Rice	24,477.08	10,884.31	44.47	743,924.26	358,349.53	48.17
<u>Pulses</u>	721,045.69	33,648.00	4.67	10,122,291.19	593,926.11	5.87
Horse beans	197,240.84	13,294.18	6.74	2,881,403.98	230,186.52	7.99
Field peas	79,885.38	7,556.06	9.46	962,289.85	101,881.02	10.59
Haricot beans	79,839.67	13,145.18	16.46	844,112.98	151,401.27	17.94
Chick-peas	131,859.42	13,997.65	10.62	2,231,033.74	303,799.64	13.62
Lentils	64,314.80	6,829.39	10.62	685,900.16	118,242.56	17.24
Vetch	111,796.33	14,173.62	12.68	1,862,037.02	263,378.93	14.14
Soya beans	1,316.62	738.26	56.07	20,104.24	10,908.75	54.26
Fenugreek	21,017.95	3,823.23	18.19	192,576.56	37,813.67	19.64
Gibto	33,774.69	6,681.24	19.78	442,832.66	115,380.99	26.06
<u>Oilseeds</u>	313,535.84	40,554.35	12.93	2,441,589.22	324,788.44	13.3
Neug	97,351.57	10,759.07	11.05	650,167.00	80,635.42	12.4
Linseed	36,885.18	4,123.82	11.18	213,387.26	26,448.62	12.39
Groundnuts	2,163.61	1,066.89	49.31	33,364.37	18,521.70	55.51
Safflower	6,004.70	1,204.73	20.06	68,676.12	15,952.10	23.23
Sesame	140,806.40	39,705.48	28.2	957,498.75	308,529.49	32.22
Rape seed	30,324.38	4,961.35	16.36	518,495.72	91,065.75	17.56

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain				108,089,194.2		
	5,492,725.53	122,333.42	2.23	0	3,085,934.68	2.85
<u>Cereals</u>	4,457,075.63	101,096.41	2.27	95,017,909.86	2,822,294.92	2.97
Teff	1,293,514.25	57,873.46	4.47	16,765,432.75	977,115.26	5.83
Barley	460,544.73	34,244.96	7.44	8,720,510.15	776,777.09	8.91
Wheat	740,810.94	48,766.54	6.58	16,759,339.68	1,328,714.79	7.93
Maize	1,102,256.20	47,762.59	4.33	34,828,992.90	1,887,723.07	5.42
Sorghum	743,379.32	43,409.98	5.84	16,267,374.41	1,169,936.68	7.19
Finger millet	87,061.51	7,766.50	8.92	1,183,627.22	140,228.29	11.85
Oats / 'Aja'	27,343.84	4,242.71	15.52	450,432.86	78,288.59	17.38
Rice	2,164.83	776.97	35.89	42,199.90	18,261.45	43.27
<u>Pulses</u>	636,575.27	31,104.02	4.89	9,753,494.13	567,327.01	5.82
Horse beans	185,910.75	12,163.85	6.54	3,201,412.72	252,232.63	7.88
Field peas	85,958.69	7,660.54	8.91	1,121,530.77	118,306.24	10.55
Haricot beans	153,814.40	15,531.59	10.1	1,948,426.10	208,837.38	10.72
Chick-peas	87,721.26	11,603.33	13.23	1,629,503.93	245,714.67	15.08
Lentils	36,827.56	5,732.68	15.57	481,709.86	89,501.50	18.58
Vetch	58,085.55	10,379.55	17.87	1,013,841.11	202,552.24	19.98
Soya beans	10,679.44	5,156.62	48.29	202,393.85	105,992.87	52.37
Fenugreek	17,347.91	4,196.41	24.19	154,675.79	39,617.41	25.61
Gibto	229.7	224.07	97.55	-	-	-
<u>Oilseeds</u>	399,074.64	25,946.65	6.5	3,317,790.21	272,835.27	8.22
Neug	193,175.26	17,177.60	8.89	1,087,003.21	123,089.46	11.32
Linseed	69,996.56	9,537.08	13.63	818,504.03	152,847.27	18.67
Groundnuts	42,348.13	10,045.07	23.72	633,202.38	152,609.80	24.1
Safflower	853.19	479.7	56.22	4,757.63	1,269.99	26.69
Sesame	78,748.66	14,891.47	18.91	552,783.96	119,237.09	21.57
Rape seed	13,952.84	1,651.08	11.83	221,539.00	35,059.69	15.83

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Somale

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	65,437.05	6,983.00	10.67	1,736,903.70	265,818.56	15.3
<u>Cereals</u>	62,663.48	6,883.16	10.98	1,643,667.09	237,873.72	14.47
Teff	54.04	54.8	101.41	-	-	-
Barley	1,169.28	729.89	62.42	31,310.87	20,208.34	64.54
Wheat	4,130.51	1,758.27	42.57	96,755.57	44,928.65	46.44
Maize	28,934.09	3,490.73	12.06	758,407.58	121,109.77	15.97
Sorghum	28,368.93	3,760.43	13.26	757,042.84	125,312.31	16.55
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	6.64	4.66	70.15	150.22	106.92	71.18
Rice	-	-	-	-	-	-
<u>Pulses</u>	1,088.67	583.5	53.6	25,448.98	18,741.82	73.64
Horse beans	-	-	-	-	-	-
Field peas	16.36	13.38	81.79	509.27	420.14	82.5
Haricot beans	988.57	585.59	59.24	22,986.90	18,788.39	81.74
Chick-peas	72.51	42.22	58.23	1,916.98	1,110.31	57.92
Lentils	4.78	4.79	100.25	35.82	35.91	100.25
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	6.46	6.42	99.37	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	1,684.90	1,132.08	67.19	67,787.63	59,388.28	87.61
Neug	-	-	-	-	-	-
Linseed	29.75	23.03	77.43	240.12	194.44	80.98
Groundnuts	1,654.73	1,133.41	68.49	67,546.89	59,397.79	87.94
Safflower	-	-	-	-	-	-
Sesame	0.41	0.33	79.41	0.62	0.49	79.4
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Benishangul - Gumuz

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	241,322.91	17,428.26	7.22	4,018,792.28	287,800.23	7.16
<u>Cereals</u>	167,657.57	11,543.68	6.89	3,240,300.88	244,127.83	7.53
Teff	23,615.03	3,838.92	16.26	232,256.63	48,940.41	21.07
Barley	818.37	361.38	44.16	8,539.08	4,113.35	48.17
Wheat	1,668.86	819.15	49.08	28,361.44	15,435.29	54.42
Maize	46,534.50	5,394.51	11.59	1,431,870.31	161,822.38	11.3
Sorghum	60,122.37	7,101.68	11.81	1,108,206.34	138,302.84	12.48
Finger millet	34,133.26	4,605.72	13.49	410,573.47	77,275.34	18.82
Oats / 'Aja'	57.3	33.41	58.31	692.8	477.4	68.91
Rice	707.88	379.8	53.65	19,800.81	11,886.78	60.03
<u>Pulses</u>	14,218.46	3,508.65	24.68	221,864.39	66,276.09	29.87
Horse beans	600.79	198.56	33.05	10,671.06	3,797.69	35.59
Field peas	297.77	154.77	51.97	7,545.06	5,107.89	67.7
Haricot beans	4,782.05	1,171.98	24.51	57,885.98	15,580.37	26.92
Chick-peas	1,082.24	418.22	38.64	8,640.72	4,292.58	49.68
Lentils	41.83	27.25	65.16	311.32	198.88	63.88
Vetch	26.02	25.75	98.94	-	-	-
Soya beans	7,230.42	3,304.22	45.7	136,039.54	65,452.81	48.11
Fenugreek	5.31	3.22	60.66	10.57	6.66	63.06
Gibto	152.03	125.81	82.75	760.14	629.04	82.75
<u>Oilseeds</u>	59,446.88	6,827.20	11.48	556,627.00	82,672.72	14.85
Neug	12,776.31	2,441.25	19.11	45,864.82	8,807.35	19.2
Linseed	540.41	158.74	29.37	2,415.56	1,039.95	43.05
Groundnuts	15,529.37	3,370.82	21.71	267,932.09	66,044.33	24.65
Safflower	922.61	793.57	86.01	11,161.43	9,682.02	86.75
Sesame	29,582.76	4,252.43	14.37	227,981.08	34,200.87	15
Rape seed	95.41	32.31	33.86	1,272.02	517.49	40.68

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

S.N.N.P.R.

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain					1,015,423.	
	1,100,253.47	43,011.00	3.91	19,434,595.15	76	5.22
<u>Cereals</u>	900,512.38	40,171.27	4.46	17,149,131.51	976,633.44	5.69
Teff	257,794.70	19,104.75	7.41	2,937,669.54	262,488.33	8.94
Barley	82,305.24	8,212.17	9.98	1,136,517.42	133,886.71	11.78
Wheat	125,303.57	11,020.95	8.8	2,581,402.88	278,535.45	10.79
Maize	306,431.17	23,129.95	7.55	8,447,232.48	718,051.99	8.5
Sorghum	122,731.01	9,585.23	7.81	1,967,158.93	161,166.49	8.19
Finger millet	4,097.68	666.71	16.27	51,115.67	8,446.81	16.52
Oats / 'Aja'	450.16	126.04	28	6,670.83	2,542.78	38.12
Rice	1,398.85	1,145.59	81.9	21,363.76	18,506.40	86.63
<u>Pulses</u>	193,322.53	9,148.63	4.73	2,251,203.98	132,284.40	5.88
Horse beans	58,354.57	4,304.47	7.38	779,128.08	64,930.70	8.33
Field peas	41,779.22	4,294.91	10.28	472,959.29	58,798.92	12.43
Haricot beans	88,192.88	6,473.93	7.34	953,295.66	88,081.20	9.24
Chick-peas	3,307.74	985.69	29.8	32,127.71	13,062.95	40.66
Lentils	905.61	197.16	21.77	9,730.80	3,151.29	32.38
Vetch	240.51	109.1	45.36	526.27	374.42	71.15
Soya beans	129.19	62.51	48.39	81.52	65.22	80.01
Fenugreek	339.77	128.07	37.69	3,242.40	1,697.96	52.37
Gibto	73.03	32.04	43.88	112.25	102.78	91.56
<u>Oilseeds</u>	6,418.57	1,124.40	17.52	34,259.67	5,417.70	15.81
Neug	701.31	365.18	52.07	3,210.95	1,854.54	57.76
Linseed	1,416.11	361.14	25.5	6,804.00	1,672.87	24.59
Groundnuts	873.27	367.6	42.09	7,595.28	3,017.55	39.73
Safflower	265.44	85.21	32.1	3,468.70	1,462.12	42.15
Sesame	2,374.35	883.09	37.19	7,889.60	3,351.12	42.48
Rape seed	788.09	335.27	42.54	5,291.14	1,530.40	28.92

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Gambela

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	7,975.03	819.73	10.28	162,683.35	23,001.57	14.14
<u>Cereals</u>	7,893.18	810.97	10.27	162,202.77	23,011.48	14.19
Teff	11.41	12.25	107.29	270.87	291.48	107.61
Barley	18.68	13.41	71.78	54.48	43.86	80.5
Wheat	19.82	13.49	68.07	29.7	29.63	99.75
Maize	4,518.41	497.59	11.01	106,874.12	18,421.67	17.24
Sorghum	3,324.79	641.27	19.29	54,973.60	14,193.44	25.82
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	0.06	0.06	98.61	-	-	-
Rice	-	-	-	-	-	-
<u>Pulses</u>	23.61	14.94	63.27	186.33	157.72	84.65
Horse beans	12.94	11.76	90.87	173.43	157.59	90.87
Field peas	-	-	-	-	-	-
Haricot beans	10.61	4.08	38.42	12.91	6.5	50.37
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	0.01	0.01	96.87	-	-	-
Fenugreek	0.05	0.05	93.83	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	58.24	30.76	52.82	294.24	117.72	40.01
Neug	23.86	25.68	107.61	42.96	46.22	107.61
Linseed	-	-	-	-	-	-
Groundnuts	34.36	18.87	54.93	251.29	112.56	44.8
Safflower	0.01	0.01	66.76	-	-	-
Sesame	-	-	-	-	-	-
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Harari

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	11,593.13	1,634.01	14.09	225,687.68	46,364.77	20.54
<u>Cereals</u>	9,869.41	1,576.80	15.98	202,931.53	46,441.61	22.89
Teff	1.23	1.21	98.68	-	-	-
Barley	25.26	10.11	40.04	204.39	84.09	41.14
Wheat	71.79	29.16	40.61	831.08	358.34	43.12
Maize	2,068.62	727.92	35.19	53,378.16	20,367.10	38.16
Sorghum	7,701.89	977.3	12.69	148,510.94	28,647.87	19.29
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	0.53	0.4	74.68	6.95	6.64	95.56
Rice	0.08	0.08	98.6	-	-	-
<u>Pulses</u>	15.68	8.7	55.51	101.22	73.42	72.53
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	10.59	8.2	77.41	101.22	73.42	72.53
Chick-peas	-	-	-	-	-	-
Lentils	5.05	3.48	69.03	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	0.04	0.04	94.63	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	1,708.04	404.23	23.67	22,654.93	5,172.85	22.83
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	1,704.58	403.58	23.68	22,586.42	5,162.50	22.86
Safflower	-	-	-	-	-	-
Sesame	3.14	1.57	50.08	58.34	39.21	67.22
Rape seed	0.31	0.27	84.84	10.17	8.38	82.38

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2011/12 (2004 E.C.)

Dire Dawa

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	10,350.76	926.6	8.95	153,069.91	20,491.08	13.39
<u>Cereals</u>	9,627.15	898.14	9.33	142,026.27	19,222.41	13.53
Teff	-	-	-	-	-	-
Barley	12.51	8.19	65.48	115.18	75.19	65.28
Wheat	6.1	5.62	92.11	53.45	50.03	93.61
Maize	219.02	67.28	30.72	3,741.31	1,540.99	41.19
Sorghum	9,389.52	920.87	9.81	138,116.32	19,306.69	13.98
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
<u>Pulses</u>	499.42	118.98	23.82	7,579.83	2,731.82	36.04
Horse beans	-	-	-	-	-	-
Field peas	0.07	0.06	94.09	-	-	-
Haricot beans	499.16	118.93	23.83	7,579.83	2,731.82	36.04
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	0.19	0.19	96.04	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	224.19	80.39	35.86	3,463.80	1,375.52	39.71
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	123.97	74.12	59.79	2,102.19	1,246.15	59.28
Safflower	-	-	-	-	-	-
Sesame	99.75	42.32	42.43	1,361.61	727.97	53.46
Rape seed	0.47	0.43	91.12	-	-	-

APPENDIX III

NUMBER OF EAs SAMPLED AND COVERED
NUMBER OF HOUSEHOLDS SAMPLED AND COVERED

Appendix III(a). Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2011/12 (2004 E.C.) Annual Agricultural Sample Survey (Meher Season).

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	620	620
	Central Tigray	39	38	780	760
	Eastern Tigray	29	29	580	580
	Southern Tigray	38	36	760	719
	Western Tigray	25	25	500	500
	Region Total	162	159	3240	3179
Afar	Zone One	30	28	600	557
	Zone Three	20	18	400	342
	Region Total	50	46	1000	899
Amhara	North Gondar	49	49	980	979
	South Gondar	45	45	900	900
	North Wello	46	46	920	919
	South Wello	49	47	980	939
	North Shewa	47	45	940	900
	East Gojam	47	47	940	940
	West Gojam	46	46	920	920
	Wag Hemira	29	27	580	540
	Awi	32	32	640	638
	Oromia	28	28	560	559
	Argoba special wereda	20	20	400	400
	Region Total	438	432	8760	8634
Oromia	West Wellega	43	42	860	836
	East Wellega	40	40	800	798
	Illubabor	48	48	960	958
	Jimma	47	45	940	900
	West Shewa	44	44	880	880
	North Shewa	39	38	780	759

Appendix III(a) (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Oromia	East Shewa	40	39	800	777
	Arsi	53	53	1060	1060
	West Harerghe	41	41	820	819
	East Harerghe	48	47	960	940
	Bale	44	44	880	880
	Borena	37	37	740	739
	South West Shewa	38	38	760	757
	Guji	38	38	760	758
	Kelem Wellega	39	38	780	760
	Horoguduru Wellega	36	35	720	698
	West Arsi	37	36	740	719
	Region Total	712	703	14240	14038
Somali	Shinile	20	20	400	397
	Jijiga	28	28	560	557
	Liben	24	24	480	472
	Region Total	72	72	1440	1426
Benishangul-Gumuz	Metekel	30	29	600	579
	Asosa	26	26	520	520
	Kemashi	20	18	400	360
	Mao Komo special wereda	20	20	400	400
	Region Total	96	93	1920	1859
SNNP	Guraghe	41	41	820	820
	Hadiya	33	33	660	660
	Kembata_Tambaro	33	33	660	657
	Sidama	45	45	900	896
	Gedeo	34	34	680	680
	Wolayita	39	39	780	780

Appendix III(a) (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
SNNP	South Omo	36	33	720	647
	Shaka	24	24	480	477
	Keffa	37	36	740	718
	Gamo_Gofa	42	40	840	800
	Bench_Maji	36	36	720	709
	Yem Specia Wereda	20	20	400	401
	Amaro Special W.	20	20	400	400
	Burji Special Wereda	20	20	400	400
	Konso Special Wereda.	20	20	400	400
	Derashe Special Wereda.	20	20	400	397
	Dawro	32	32	640	639
	Basketo Special Wereda.	20	20	400	398
	Konta Special Wereda.	20	20	400	400
	Siltie	30	30	600	600
	Alaba Special Wereda.	20	20	400	400
	Region Total	622	616	12440	12279
Gambela	Agnuak	24	24	480	510
	Nuer	18	11	360	329
	Mejenger	20	20	400	400
	Etang	18	12	360	360
	Region Total	80	67	1600	1599
Harari	Harari	24	24	480	480
Dire Dawa	Dire Dawa	24	24	480	480
Country Total		2280	2236	45600	44871

APPENDIX IV

QUESTIONNAIRE

Part 1 – Enumeration Particulars									
1		2		3		4		5	
Region		Zone		Wereda		Farmers' Association		Enumeration Area	

[illegible]

	Name	Signature	Date
Enumerator's			
Supervisor's			
Branch Office Head			

3. Random Start

_____ page(s) out of _____ pages

Part II – List of Households, Agricultural Holders and order of selection

[illegible]

	Name	Signature	Date
Enumerator's			
Supervisor's			
Branch Office Head			

1.Total Number of Agricultural Households_____

2. Random Interval

3. Random Start _____

Page(s) out of pages

Part 1 – Identification Particulars									
1		2		3		4		5	
Region		Zone		Wereda		Farmers' Association		Enumeration Area	

[illegible]

	Name	Signature	Date
Enumerator's			
Supervisor's			
Branch Office Head			

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Part II – List of Selected Agricultural Households and Holders

[illegible]

	Name	Signature	Date
Enumerator's			
Supervisor's			
Branch Office Head			

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CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2011/12 (2004 E.C.)

PART I – IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	PA/ REST.A.R	EA LOCAL	HH ID	HH HEAD SEX 1=M 2=F	HOLDER ID	HOLDER'S		SEX M=1 F=2	HIGHEST GRADE COMPLETED	HOLDER'S HH SIZE	FARMING TYPE
								NAME	AGE				CROP=1 LIVEST=2 BOTH=3

PART II – CROP FIELD / OTHER LAND USE

15	16						17						
SER. NO.	QUESTIONS FOR THE HOLDER						PARCEL NO.		FIELD NO.				
							IS THE FIELD PURE STAND =1						
							MIXED CROP =2				OTHER LAND USE=3		
							CROP/OTHER NAME		CROP NAME		CROP NAME		
							CODE		CODE		CODE		
0	1	Ownership Own = 1 Rented in =2 Other =3											
0	2	Is field under Extension Program? Yes =1 No = 2											
0	3	Is Field Irrigated? Yes =1 No =2											
0	4	If Field Irrigated source of water River =1 Lake =2 Pond =3 Harvested water =4 other =5											
0	5	Is Field Prevented form Erosion Yes = 1 No =2											
0	6	If yes in #5, common way of prevention Terracing = 1 Other =5 Water catchments =2 Afforestation = 3 Plough along the cont. = 4											
0	7	Percent share of mixed crops											
0	8	Number of Fruit Trees (excluding chat, pineapple, sugarcane)											
0	9	Number of Fruit Bearing Trees (excluding , chat, pineapple, sugarcane)											
1	0	Percentage share of Fruit Bearing Trees (excluding , chat, pineapple, sugarcane)											
1	1	Seed / Seedling Type Improved Seed = 1 indigenous seed = 2											
1	2	For Cereals, Pulses & Oilseeds only						Kilo	Gram	Kilo	Gram	Kilo	Gram
1	2	Quantity of improved seeds used											
1	3	For Cereals, Pulses & Oilseeds only						Birr	Cents	Birr	Cents	Birr	Cents
1	3	Price of improved seeds used											
1	4	For Cereals, Pulses & Oilseeds only						Kilo	Gram	Kilo	Gram	Kilo	Gram
1	4	Quantity of indigenous seeds used											
1	5	Was crop damaged ? Yes = 1 No =2											
1	6	If yes in question number 14, Cause of damage Code											
1	7	Percent of damaged crop											
1	8	Prevention/precaution measure taken? Yes =1 No =2											
1	9	Type of measure if any? Chemical = 1 Non – chemical = 2 Both = 3											
2	0	Chemical type used if any Pesticide =1 herbicide =2 Fungicide =3 1&2 = 4 1 & 3 = 5 2 & 3 = 6 All = 7											
2	1	Is Fertilizer Used? Yes =1 No = 2											
2	2	Type of fertilizer used if any? Natural = 1 Chemical = 2 Both = 3											
2	3	If chemical fertilizer used 23.1 Type UREA = 1 DAP = 2 Both = 3											
2	3	23.2 Quantity of chemical fertilizer used						Kilo		Gram			
2	4	If natural fertilizer used, type Manure = 1 Compost = 2 Organic = 3 1 & 2 = 4 1&3 = 5 2 & 3 = 6 All = 7 others = 8											
2	5	How often is temporary crop field used in Meher (main) season?											
2	6	If twice in #24 which crop is the 2 nd harvest?						Crop name	code	Crop name	code	Crop name	code
2	7	What was the previous state of the field ? Fallow =1 crop field =2 Virgin =3 Rented in cropfield =4 other =5											

PART 3A: RESULTS OF AREA MEASUREMENTS using GPS

18	19	20	21	22	23	24	25
GPS Accuracy during field measurem ent	Is the field measured? yes =1 No =2 →						Comments
	Area of measured field		Is the field Flat =1 Partially Sloppy = 2 Sloppy = 3	Code	If the field covered? None , 1 With plant / permanent crop = 2 With house = 3 Partially covered , 4 Others , 5	Code	
	Area in square meters (Clockwise)	Area in square meters (Anti-Clockwise)					
Field measurement			Date		Month		

PART 3B – RESULTS OF AREA MEASUREMENTS USING COMPASS-ROPE

18	19	20	21	22	23	24	25	26
Is the field measured? Yes =1 No = 2 Code →								
Side	1 - 2	2 - 3	3 -	4 -	5 -	6 -	7 -	8 -
Bearing (0)								
Length								
Side	9 -	10 -	11 -	12 -	13 -	14 -	15 -	16 -
Bearing(0)								
Length								
Side	17 -	18 -	19 -	20 -	21 -	22 -	23 -	24 -
Bearing (0)								
Length								
Side	25 -	26 -	27 -	28 -	29 -	30 -	31 -	32 -
Bearing (0)								
Length								
Field Measurement	date	month	Closure error			Area in square meters		
For fields selected		Selected corner number		Shortest side length		Random number		
For crop cutting		Shortest side Bearing		Longest side length		Random number		

	Name	Signature	Date
Data collector			
Field Supervisor			

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2010/11 (2003 E.C)

PART I – IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	PA/ REST.AR	EA LOCAL	HH ID	HH HEAD SEX 1=M 2=F	HOLDER ID	HOLDER'S NAME	AGE	SEX M=1 F=2	HIGHEST GRADE COMPLETED	HOLDER'S HH SIZE	FARMING TYPE CROP=1 LIVEST=2 BOTH=3

PART II – MISCELLANEOUS QUESTIONS FOR THE HOLDER

15	16	17
SER.NO.	QUESTIONS	CODE
1	Do you exercise crop rotation on your land holding? Yes = 1 No = 2	
2	Reason for not using chemical fertilizers on any one of your crop fields Ignorance = 1 High price = 2 Lack of Money = 3 Non – availability of supply = 4 lack of credit service = 5 Skeptical of the outcome = 6 Others (specify) = 7	
3	Reason for not participating in Extension Program Ignorance = 1 Lack of Money = 2 Skeptical of the outcome = 3 Non – availability of the program = 4 Lack of adequate crop fields = 5 Others (specify) = 6	
4	Do you get credit services? Yes = 1 No = 2	
5	If no in # 4 Why? Non availability of the service = 1 Unable to pay the loan = 2 Inadequate services provided = 3 Ignorance = 4 Does not yield any results = 5 Others = 6	
6	Do you get advisory services? Yes = 1 No = 2	
7	If no in # 6 Why? Non availability of the service = 1 Inadequate services provided = 2 Inadequate services provided = 2 Ignorance = 3 Does not yield any results = 4 Others = 5	
8	Your major supplier of fertilizer is Government organizations = 1 Private organizations = 2 Merchants = 3 Others (Specify) = 4 Never used fertilizer = 5	
9	Total Chemical fertilizers (Urea+Dap) purchased for main season in 2003 E.c (it includes gifts, loans, supports)	Killo gram
9.1	Total Dap fertilizers purchased for main season in 2003 E.c (it includes gifts, loans, supports)	
9.2	Total Urea fertilizers purchased for main season in 2003 E.c (it includes gifts, loans, supports)	
10	How many oxen do you have in this Meher season?	
11	If you have one or no ox how do you plough? By renting ox = 1 By pairing mine with someone's ox = 2 By pairing mine with cow/ horse = 3 Using horses or cows = 4 Hand digging = 5 Using borrowed oxen = 6 others = 7	
12	Total number of fields recorded for the holder	
13	Total number of crop fields recorded for the holder	
14	Has the holder ploughed additional fields over that of the previous year? Yes = 1 No = 2	
15	If yes in question # 13, what was the previous state of the additional fields? Holder's virgin land = 1 Public/ Community virgin land = 2 Borrowed fallow land = 3 Other = 4	

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2011/12 (2004 E.C)

Part I – Identification Particular

[illegible]

Part II – List of temporary crop fields for selecting crop cutting plots

[illegible]

[illegible][illegible]