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CENTRAL STATISTICAL AGENCY

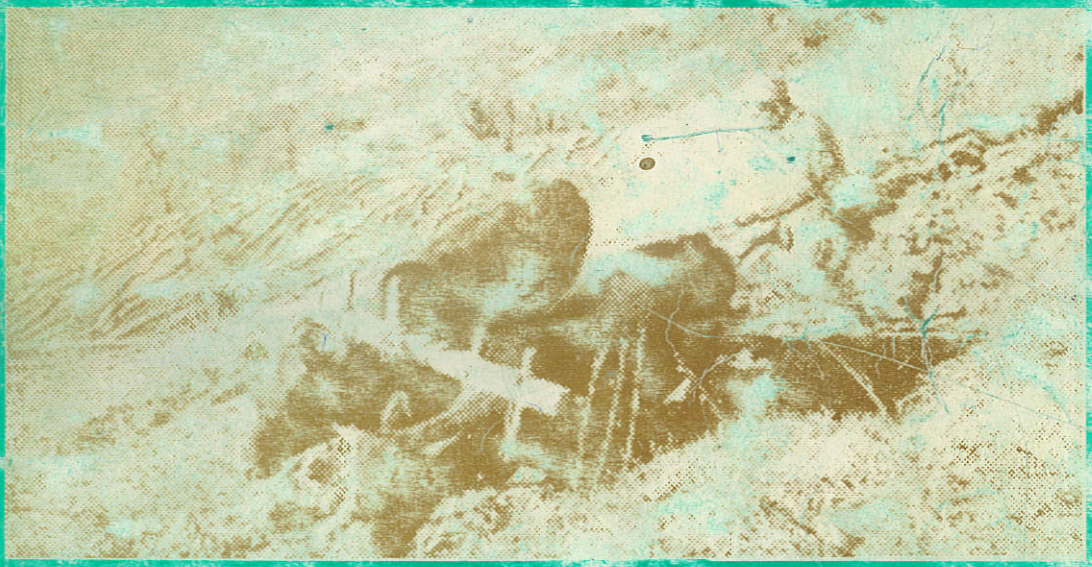
AGRICULTURAL SAMPLE SURVEY
2010 / 2011 (2003 E.C)

(September – December 2010)

VOLUME I

REPORT ON
AREA AND PRODUCTION OF MAJOR CROPS

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)



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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 2010/11 (2003 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 2010/11 (2003 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 2010/11 (2003 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 2,280 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 25 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,236 EAs (98.5 %) 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 45,600 agricultural households, however, 44,871 (98.3 %) 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 Ambo University 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 2010/11 (2003 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 2010/11 (2003 E.C.), Post-Harvest Crop Production Survey, Meher Season

The results of the year 2010/11 (2003 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 <u>Grain Crops</u>:- 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 contributer for the country's foreign currency earnings, among others.

The results of the year **2010/11 (2003 E.C.),** Meher Season Post-harvest Crop Production Survey indicate that a total land area of about **11,822,786.19** hectares are covered by grain crops i.e. cereals, pulses and oilseeds, from which a total volume of about **203,485,288.34** 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, 2010/11 (2003 E.C.), Meher Season

Crop Category	Total Area in Hectare	%	Total Production in Qts	%
Cereals.....	**9,690,733.96**	**81.97**	**177,613,365.84**	**87.29**
Pulses.....	**1,357,522.68**	**11.48**	**19,531,935.01**	**9.60**
Oil Crop……..	**774,529.55**	**6.55**	**6,339,987.49**	**3.12**
Grain Crops……	**11,822,786.19**	**100**	**203,485,288.34**	**100**

Note:- Assuming what has been estimated for belg season and commercial farms in 2009/10 will be obtained during the current crop season, the total picture for the country in 2010/11 will be as follows :-

	Grain Crops Area in Ha	Estimated Production in Qts
• **Private holdings in 2010/11 Meher Season**	**11,822,786.19**	**203,485,288.34**
• **Commercial farms in both Seasons**	**415,502.3**	**8,522,162.5**
• **Private holdings in Belg Season**	**1,244,408.6**	**13,165,359.08**
Grand Total	***13,482,697.02***	***225,172,809.92***

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, **81.97**% (**9,690,733.96** hectares) was under cereals. Teff, maize, sorghum and wheat took up **23.35**% (about **2,761,190.05** hectares), **16.61**% (about **1,963,179.51** hectares), **16.05**% (**1,897.733.98** hectares) and **13.14**% (**1,553,239.89** hectares) of the grain crop area, respectively. As to production, the tables paint similar picture as that of the area. Cereals contributed **87.29** % (about **177,613,365.84** quintals) of the grain production. Maize, teff, wheat and sorghum made up **24.5** % (**49,861,254.95** quintals), **17.12** % (**34,834,826.26** quintals), **14.03** % (**28,556,817.43** quintals) and 19.46 % (**39,598,973.86** 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 **2010 /11 (2002 E.C)** covered **11.48** % (**1,357,522.68** hectares) of the grain crop area and 9.6 % (about **19,531,935.01** quintals) of the grain production was drawn from the same crops. Faba beans, haricot beans, and chick peas were planted to **3.88** % (about **459,183.51** hectares), **2.01**% (about **237,366.39** hectares) and **1.76**% (about **208,388.62**hectares) of the grain crop area. The production obtained from faba beans, haricot beans and field peas was **3.43** % (about **6,977,983.87** hectares), **1.67 %** (about **3,402,795.18** hectares) and **1.59 %**(**3,228,388.27** hectares) quintals of the grain production, in that order.

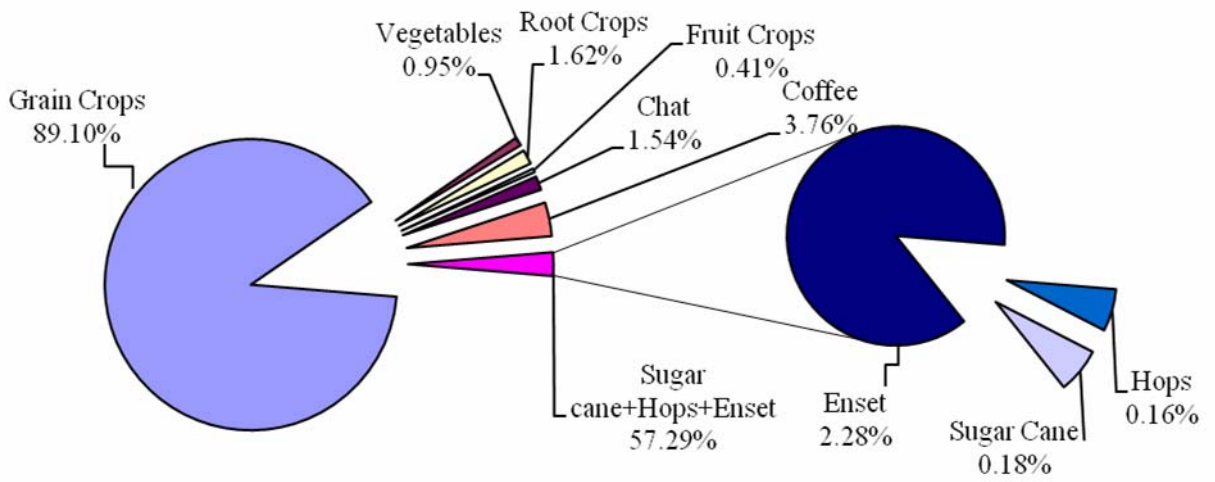
Oilseeds refer to crops which are also classified within grain crops category**,** nonetheless**.** oilseeds are grown to flavour the food consumed at home and earn some cash for peasant holders in the country. Various oil crops are produced in all the regions with differing quantity as illustrated in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

Oilseeds added **6.55** % (about **774,529.55** hectares) of the grain crop area and **3.12 %** (about **633,9987.49** quintals) of the production to the national grain total. Neug, sesame and

linseed covered **2.09** % (about **247,611.17** hectares), **3.25** % (about **384,682.79** hectares) and **0.62** % (about **73,687.7** hectares) of the grain crop area and **0.71** % (about **1,448,474.82** quintals), **1.61** % (about **3,277,409.22** quintals) and **0.32**% (about **654,205.76** quintals) of the grain production, respectively.

3.2.2 <u>Vegetables</u>- 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 **0.95**% of the area under all crops at national level. Of all the area under vegetables **65.85**% and **23.54**% was under red peppers and Ethiopian Cabbage, respectively(See Statistical Table 2). As to production of vegetables, **31.06**% and **49.09**% was that of the same crops, in that order.

Fig. 1. Area Under Major crops, 2010/11 (2003 E.C.). Meher Season



3.2.3 <u>Root Crops</u> - 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.

Table 2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/11 (2003 E.C.)

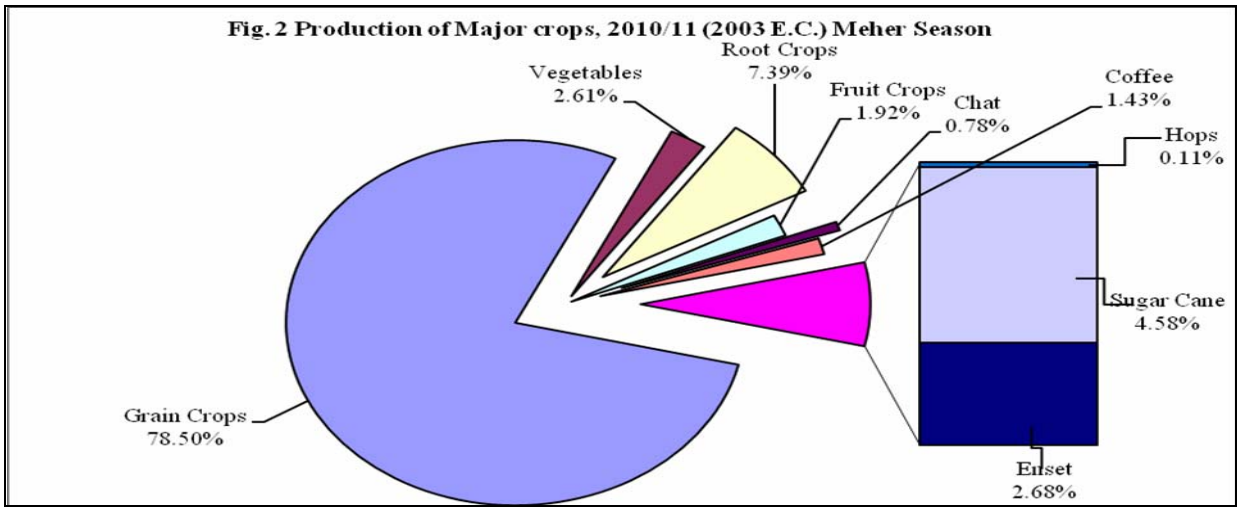
Ethiopia

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	13,228,068	11,822,786.20	203,485,288.33	
Cereals.....	12,692,979	9,690,733.96	177,613,365.84	
Teff.....	6,235,502	2,761,190.05	34,834,826.26	12.62
Barley.....	4,147,959	1,046,555.30	17,033,465.36	16.28
Wheat.....	4,591,729	1,553,239.89	28,556,817.43	18.39
Maize.....	7,963,202	1,963,179.51	49,861,254.95	25.4
Sorghum.....	5,097,666	1,897,733.98	39,598,973.86	20.87
Finger millet.....	1,508,405	408,110.31	6,348,257.88	15.56
Oats/'Aja'.....	245,231	30,858.76	475,650.57	15.41
Rice.....	92,232	29,866.16	904,119.53	30.27
Pulses.....	6,741,370	1,357,522.68	19,531,935.01	
Faba beans..... .	3,450,528	459,183.51	6,977,983.87	15.2
Field peas.....	1,389,971	203,990.64	2,570,314.09	12.6
Haricot beans.....	2,251,649	237,366.39	3,402,795.18	14.34
Chick-peas.....	877,728	208,388.62	3,228,388.27	15.49
Lentils.....	601,894	77,334.22	809,517.33	10.47
Vetch.....	673,357	131,043.99	2,009,485.58	15.33
Soya beans.....	77,441	11,261.12	158,244.22	14.05
Fenugreek.....	371,253	14,670.04	179,052.29	12.21
Gibto.....	79,458	14,284.15	196,154.18	13.73
Oilseeds.....	2,610,141	774,529.55	6,339,987.49	
Neug.....	789,788	247,611.17	1,448,474.82	5.85
Linseed.....	776,637	73,687.70	654,205.76	8.88
Groundnuts.....	240,570	49,602.97	716,068.37	14.44
Sunflower.....	86,598	5,489.79	50,667.88	9.23
Sesame.....	763,893	384,682.79	3,277,409.22	8.52
Rapeseed.....	364,119	13,455.12	193,161.43	14.36
Vegetables.....	4,984,324	126,675.68	6,756,055.79	
Lettuce.....	16,605	48.76	2,029.02	41.61
Head Cabbage.....	278,082	2,138.26	194,634.78	91.02
Ethiopian Cabbage.....	2,735,415	29,815.34	3,316,365.11	111.23
Tomatoes.....	122,920	5,337.99	556,351.41	104.22
Green peppers.....	770,499	5,789.10	577,726.84	99.8
Red peppers.....	1,776,783	83,416.06	2,098,721.25	25.16
Swiss chard.....	57,447	130.16	10,227.39	78.58
Root Crops.....	5,228,716	214,346.45	19,155,610.11	
Beetroot.....	269,987	1,429.72	144,293.51	100.92
Carrot.....	117,649	2,214.85	123,457.63	55.74
Onion.....	682,828	22,035.80	2,369,221.60	107.52
Potatoes.....	1,133,017	54,006.82	4,473,334.87	82.83
Garlic.....	1,411,151	10,690.41	1,284,409.36	120.15
Taro/'Godere'.....	1,340,808	42,270.88	3,397,399.42	80.37
Sweet potatoes.....	1,764,302	81,697.98	7,363,493.72	90.13
Fruit Crops.....	2,887,168	54,646.71	4,862,760.13	
Avocados.....	896,390	7,212.21	572,989.66	79.45
Bananas.....	1,870,716	31,885.86	2,705,715.16	84.86
Guavas.....	177,642	1,834.68	30,143.07	16.43
Lemons.....	111,304	495.74	45,929.27	92.65
Mangoes.....	653,315	7,512.89	656,516.76	87.39
Oranges.....	339,492	3,228.91	439,792.40	136.2
Papayas.....	487,452	2,238.70	402,453.64	179.77
Pineapples.....	17,119	237.72	*	*
Chat.....	2,391,235	204,648.74	2,030,854.17	9.92
Coffee.....	3,854,931	498,617.85	3,705,694.44	7.43
Hops.....	1,575,505	21,669.30	280,861.18	12.96
Sugar Cane.....	1,014,623	23,341.51	11,877,738.33	508.87
Enset.....	4,377,124	301,978.68	6,948,102.45	23.01

Root crops covered more than **1.62**% of the area under all crops in the country. Potatoes, sweet potatoes and taro ('Godere') added **25.2**%, **38.11**% and **19.72**% of the area to the root crop total. The same crops contributed **23.35**%, **38.44**% and **17.74**% to the root crop production total in the same order.

3.2.4 <u>Fruit Crops</u> – 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 **54,646.71** hectares of land is under fruit crops in Ethiopia. Bananas contributed about **58.35**% of the fruit crop area followed by mangoes that contributed **13.75**% of the area. More than **4,862,760.13** quintals of fruits was produced in the country. Bananas, Papayas, mangoes and oranges took up **55.64**%, **8.28**%, **13.5**% and **9.04**% of the fruit production, respectively, as shown in Table 2.



3.2.5 <u>Stimulant crops</u> – 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 **1.54**% and **3.76**% of the area under all crops in the country and **2,030,854.17** and **3,705,694.44** 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 **23,341.51** hectares of land was under sugar cane in the country, yielding an estimated total of **11,877,738.33** 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 **301,978.68** hectares of land was under Enset in the country, yielding a bout **6,948,102.45** quintals of produce by the peasant holders

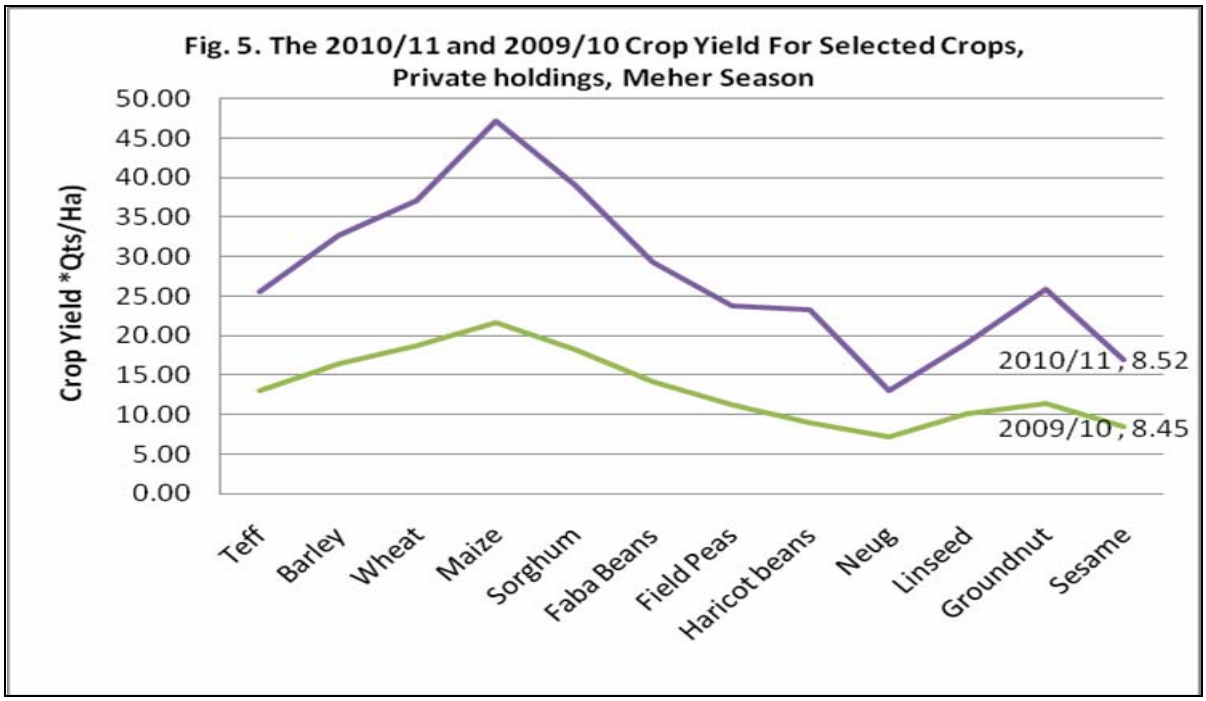
3.3 Comparison of the current year (2010/11) Post Harvest Crop yield with last year (2009/10), estimates.

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 2010/11 (2003 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 sharet, 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 intial subsistence and back ward stating point. Of cource, 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 results of such comparison are believed to serve as problem area indicators for concerned stakeholders to develop and implement corrective measures, so as to accelerate the speed of transforming the existing agriculture into commercial

agriculture. Thus, to meet the so far mentioned objectives, the following brief discussion 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, i.e. 2010/11 (2003 E.C.), both the estimated cropped land area and the volume of grain crops production obtained have increased by about **2.78 %** and **12.57%** over last year 2009/10 post harvest estimate. However, with regard to estimated crop yield, crops such as maze, sorghum, barely and oats within the category of cereals have shown an increase that ranges from **40.14** % for rice to **0.66**% for wheat; likewise crops such as faba beans, haricot beans, chick pease and grass peas within the category of pulses have shown an increase that ranges from **27.41**% for faba beans to **1.93**% for grass peas, similarly, crops such as groundnut, sesame and rapeseed within the category of oilcrops, have shown an increase that ranges from **34.84** % for rape seed to **3.27**% for sesame in the current year post-harvest estimated crop yield when compared with last year estimates (See Figure 3 & Statistical Table 4).

Table 3 - Estimate of Area and Production of Grain Crops for 2009/10 (2002 E.C) and 2010/11 (2003 E.C.), Meher Season

Region	Area in hectare			Production in quintal		
	2010 / 11 (2003 E.C)	2009 / 10 (2002 E.C)	% Change	2010 / 11 (2003 E.C)	2009 / 10 (2002 E.C)	% Change
TIGRAY	834,461	856,330	-2.55	14,634,222	11,486,773.07	27.40
AFAR	9,308	*	*	148,669	143,694.34	3.46
AMHARA	4,149,608	3,997,750	3.80	67,051,379	57,105,217.80	17.42
OROMIA	5,435,862	5,348,593	1.63	98,806,641	90,712,995.53	8.92
SOMALI	70,212	69,789	0.61	1,127,660	1,172,662.20	-3.84
BENISHANGUL-GUMUZ	227,569	188,392	20.80	3,674,708	3,252,672.58	12.98
S.N.N.P.R.	1,066,826	1,006,725	5.97	17,551,623	16,491,768.74	6.43
GAMBELA	9,848	9,715	1.37	188,797	191,715.20	-1.52
HARARI	9,418	9,855	-4.43	135,870	102,192.10	32.96
DIRE DAWA	9,675	10,045	-3.69	165,719	99,204.88	67.05
ALL	11,822,786	11,503,249	2.78	203,485,288	180,758,896	12.57

Likewise, 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 post-harvest are reported for Oromia, Amhara, SNNP and Benshangul-Gumuz Regions. Consequently, the total grain cropped area reported for each of the above mentioned regions have increased by about 1.63%,3.80 %, 5.97% and 20.80% over last year 2009/10 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 8.92%, 17.42%, 6.43% and 12.98% over last year 2009/10 post harvest estimate of the regions, in that order (For details see Table .3 and figure 4).

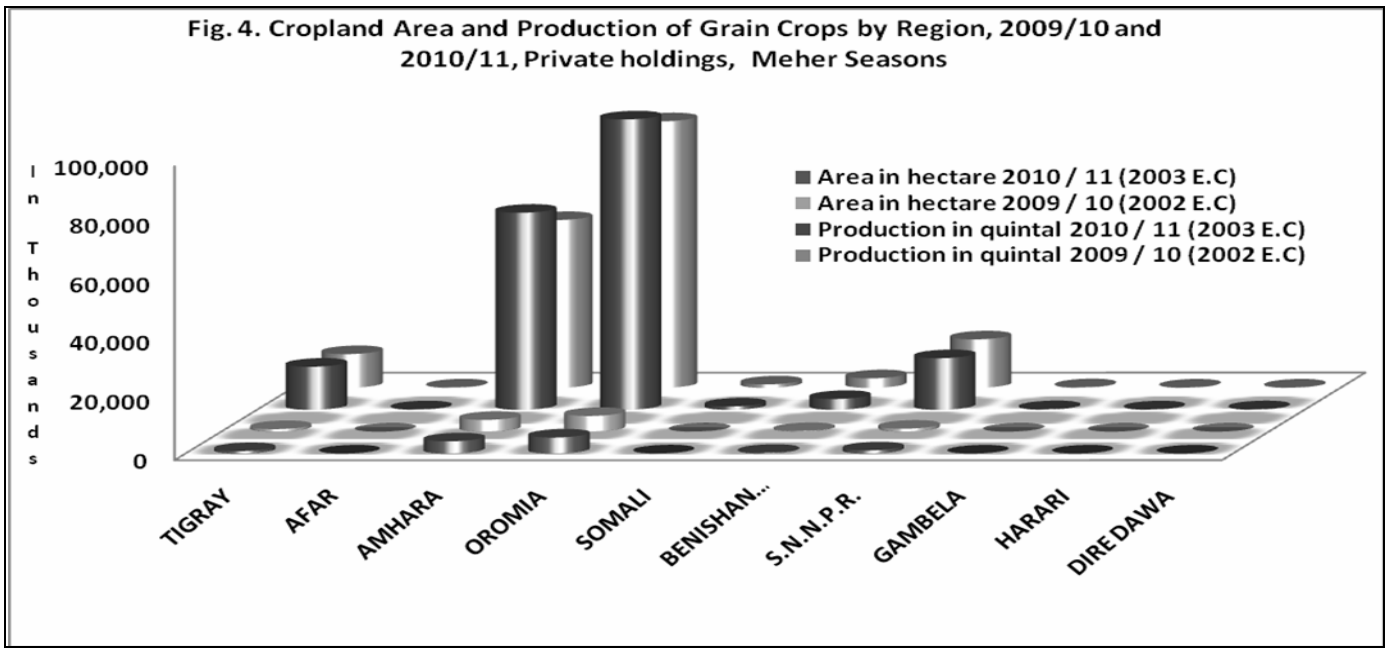


Table 4 - Estimate of Area, Production and Yield of Crops for 2009/10 (2002 E.C) and 2010/11 (2003 E.C.), Meher Season

Ethiopia

Crop	Area in hectare			Production in quintal			Yield (quintal / hectare)		
	2010 / 11 (2003 E.C)	2009 /10 (2002 E.C)	% Change	2010 /11 (2003 E.C)	2009 / 10 (2002 E.C)	% Change	2010 /11 (2003 E.C)	2009 / 10 (2002 E.C)	% Change
Grain crops	**11,822,786.20**	11,503,249	**2.78**	**203,485,288.33**	180,758,896	**12.57**			
Cereals	**9,690,733.96**	9,233,025	**4.96**	**177,613,365.84**	155,342,280	**14.34**			
Teff	2,761,190.05	2,588,661	6.66	34,834,826.26	31,793,743	9.57	12.62	12.28	2.77
Barley	1,046,555.30	1,129,112	-7.31	17,033,465.36	17,504,436	-2.69	16.28	15.5	5.03
Wheat	1,553,239.89	1,683,565	-7.74	28,556,817.43	30,756,436	-7.15	18.39	18.27	0.66
Maize	1,963,179.51	1,772,253	10.77	49,861,254.95	38,971,631	27.94	25.40	21.99	15.51
Sorghum	1,897,733.98	1,618,677	17.24	39,598,973.86	29,712,655	33.27	20.87	18.36	13.67
Finger millet	408,110.31	368,999	10.60	6,348,257.88	5,241,911	21.11	15.56	14.21	9.50
Oats / 'Aja'	30,858.76	24,018	28.48	475,650.57	330,191	44.05	15.41	13.75	12.07
Rice	29,866.16	47,739	-37.44	904119.53	1,031,277	-12.33	30.27	21.6	40.14
Pulses	**1,357,522.68**	1,489,308	-8.85	**19,531,935.01**	18,980,473	2.91			
Faba beans	459,183.51	512,067	-10.33	6,977,983.87	6,108,453	14.23	15.20	11.93	27.41
Field peas	203,990.64	226,533	-9.95	2,570,314.09	2,358,721	8.97	12.60	10.41	21.04
Haricot beans	237,366.39	244,013	-2.72	3,402,795.18	3,628,903	-6.23	14.34	14.87	-3.56
Chick-peas	208,388.62	213,187	-2.25	3,228,388.27	2,846,398	13.42	15.49	13.35	16.03
Lentils	77,334.22	105,956	-27.01	809,517.33	1,237,772	-34.60	10.47	11.68	-10.36
Grass peas	131,043.99	135,658	-3.40	2,009,485.58	2,040,196	-1.51	15.33	15.04	1.93
Soya beans	11,261.12	5,679	98.30	158244.22	72,050	*	14.05	12.69	*
Fenugreek	14,670.04	21,183	-30.75	179,052.29	271,220	-33.98	12.21	12.8	-4.61
Gibto	14,284.15	25,033	-42.94	196,154.18	416,759	-52.93	13.73	16.65	-17.54
Oilseeds	**774,529.55**	780,916	-0.82	**6,339,987.49**	6,436,144	-1.49			
Neug	247,611.17	256,794	-3.58	1,448,474.82	1,578,467	-8.24	5.85	6.15	-4.88
Linseed	73,687.70	140,801	-47.67	654,205.76	1,506,285	-56.57	8.88	10.74	-17.01
Groundnuts	49,602.97	41,579	19.30	716,068.37	464,248	54.24	14.44	11.17	29.27
Safflower	5,489.79	4,653	18.00	50,667.88	55,524	-8.75	9.23	11.93	-22.63
Sesame	384,682.79	315,843	21.80	3,277,409.22	2,605,343	25.80	8.52	8.25	3.27
Rape seed	13,455.12	21,247	-36.67	193,161.43	226,277	-14.63	14.36	10.65	34.84
Vegetables	**126,675.68**	138,393	**-8.47**	**6,756,055.79**	5,573,568	**21.22**			
Lettuce	48.76	156	*	2,029.02	9,149	*	41.61	58.58	*
Head cabbage	2,138.26	2,562	-16.53	194,634.78	203,881	-4.54	91.02	79.61	14.36
Eth. Cabbage	29,815.34	32,782	-9.05	3,316,365.11	2,741,975	20.95	111.23	83.34	32.99
Tomatoes	5,337.99	4,953	7.78	556,351.41	404,261	37.62	104.22	81.66	27.69
Green peppers	5,789.10	7,850	-26.25	577,726.84	614,637	-6.01	99.80	78.01	27.46
Red peppers	83,416.06	89,862	-7.17	2,098,721.25	1,593,275	31.72	25.16	17.73	41.91
Swiss chard	130.16	227	-42.77	10,227.39	6,392	60.00	78.58	28.1	179.64
Root crops	214,346.45	212,208	1.01	19,155,610.11	18,063,778	6.04			
Beetroot	1,429.72	1,096	30.41	144,293.51	100,785	43.17	100.92	91.93	9.78
Carrot	2,214.85	2,713	-18.35	123,457.63	182,293	-32.28	55.74	67.2	-17.05
Onion	22,035.80	17,588	25.29	2,369,221.60	1,693,168	39.93	107.52	96.27	11.69
Potatoes	54,006.82	69,784	-22.61	4,473,334.87	5,723,325	-21.84	82.83	82.02	0.99
Garlic	10,690.41	15,361	-30.41	1,284,409.36	1,796,578	-28.51	120.15	116.96	2.73
Taro / 'Godere'	42,270.88	52,201	-19.02	3,397,399.42	4,060,001	-16.32	80.37	77.78	3.33
Sweet potatoes	81,697.98	53,465	52.81	7,363,493.72	4,507,628	63.36	90.13	84.31	6.90
Fruit crops	54,646.71	53,086	2.94	4,862,760.13	4,089,115	18.92			
Avocados	7,212.21	5,694	26.67	572,989.66	376,509	52.18	79.45	66.03	20.14
Bananas	31,885.86	29,409	8.42	2,705,715.16	2,085,962	29.71	84.86	70.94	19.64
Guavas	1,834.68	1,944	-5.64	30,143.07	29,285	2.93	16.43	15.07	9.10
Lemons	495.74	753	-34.19	45,929.27	62,131	-26.08	92.65	76.86	12.34
Mangoes	7,512.89	8,630	-12.94	656,516.76	656,199	0.05	87.39	75.96	14.93
Oranges	3,228.91	3,471	-6.97	439,792.40	438,276	0.35	136.20	125.95	7.86
Papayas	2,238.70	3,067	-27.00	402,453.64	436,576	-7.82	179.77	141.99	26.28
Pineapples	237.72	119	*	*	4,176	*	*	35.21	*
Chat	204,648.74	138,811	47.43	2,030,854.17	1,162,797	74.65	9.92	8.35	18.38
Coffee	498,617.85	395,003	26.23	3,705,694.44	2,654,693	39.59	7.43	6.72	10.57
Hops	21,669.30	23,998	-9.70	280,861.18	309,384	-9.22	12.96	12.78	0.54
Sugar cane	23,341.51	18,908	23.45	11,877,738.33	6,724,394	76.64	508.87	355.63	43.09
Enset	301,978.68	395,632	-23.67	6,948,102.45	8,015,531	-13.32	23.01	20.32	13.57

Table 4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	939,697	834,460.76	14,634,221.61	
Cereals.....	932,262	713,491.63	13,093,564.92	
Teff.....	521,457	165,803.79	2,095,066.76	12.64
Barley.....	435,402	90,648.61	1,633,857.76	18.02
Wheat.....	390,222	100,175.69	1,925,079.14	19.22
Maize.....	598,253	62,857.22	1,498,527.18	23.84
Sorghum.....	511,951	216,878.62	4,663,940.47	21.5
Finger millet.....	307,407	76,065.32	1,241,030.18	16.32
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	313,573	36,701.18	515,320.30	
Faba beans..... .	193,026	12,745.64	175,630.70	13.78
Field peas.....	40,427	3,333.92	43,310.94	12.99
Haricot beans.....	19,752	*	*	*
Chick-peas.....	39,013	6,660.21	93,336.09	14.01
Lentils.....	46,301	4,738.73	60,360.98	12.74
Grass Peas.....	42,320	7,271.42	114,689.45	15.77
Soya beans.....	-	-	-	-
Fenugreek.....	19,872	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	209,649	84,267.95	1,025,336.39	
Neug.....	32,204	4,456.23	62,350.20	13.99
Linseed.....	68,117	6,210.17	76,430.76	12.31
Groundnuts.....	*	*	*	*
Safflower.....	*	159.51	*	*
Sesame.....	117,448	73,424.85	884,596.87	12.05
Rape seed.....	2,807	7.34	*	*
Vegetables.....	211,954	2,808.69	193,995.34	
Lettuce.....	3,605	*	*	*
Head Cabbage.....	7,567	102.27	14,089.52	137.77
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	21,822	321.73	37,551.49	116.72
Green peppers.....	65,206	601.54	86,853.23	144.38
Red peppers.....	136,251	1,759.75	54,040.56	30.71
Swiss chard.....	5,218	12.98	1,245.38	95.95
Root Crops.....	79,570	2,335.04	269,901.80	
Beetroot.....	*	*	*	*
Carrot.....	6,650	*	*	*
Onion.....	24,883	528.4	75,619.48	143.11
Potatoes.....	23,894	*	54,533.38	*
Garlic.....	45,127	716.07	100,519.32	140.38
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	42,928	514.43	15,182.49	
Avocados.....	1,433	*	-	-
Bananas.....	9,645	*	2,816.65	*
Guavas.....	20,704	210.09	1,054.12	5.02
Lemons.....	7,904	23.68	987.12	41.69
Mangoes.....	2,504	*	*	*
Oranges.....	9,552	*	*	*
Papayas.....	11,453	68	5,355.88	78.76
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	11,287	*	-	-
Hops.....	105,663	1,805.39	56,705.54	31.41
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 4.1. - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

North West Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*172,885*	*194,644.38*	*3,430,190.92*	
Cereals.....	*172,021*	*168,287.57*	*3,110,831.57*	
Teff.....	*104,029*	*33,830.27*	*353,772.66*	*10.46*
Barley.....	*6,209*	*255.78*	*3,434.95*	*13.43*
Wheat.....	*	*	*	*
Maize.....	*158,767*	*23,956.81*	*621,102.07*	*25.93*
Sorghum.....	*120,856*	*65,368.29*	*1,449,287.34*	*22.17*
Finger millet.....	*128,677*	*44,742.35*	*681,233.44*	*15.23*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	*39,270*	*4,312.98*	*60,277.56*	
Faba beans..... .	*23,259*	*1,922.37*	*27,682.30*	*14.4*
Field peas.....	*	*	*	*
Haricot beans.....	*3,563*	*83.54*	*1,191.85*	*14.27*
Chick-peas.....	*14,599*	*2,147.05*	*30,017.87*	*13.98*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*58,649*	*22,043.83*	*259,081.80*	
Neug.....	*14,204*	*2,472.09*	*38,665.70*	*15.64*
Linseed.....	*6,601*	*462.44*	*5,221.41*	*11.29*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*41,175*	*	*215,119.16*	*
Rape seed.....	-	-	-	-
Vegetables.....	*105,242*	*1,109.99*	*84,793.82*	
Lettuce.....	*	*	*	*
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*23,482*	*244.29*	*47,410.93*	*194.08*
Red peppers.....	*85,131*	*786.28*	*28,392.49*	*36.11*
Swiss chard.....	*	*	*	*
Root Crops.....	*	*13.6*	*1,760.12*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*5,540*	*	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	*17,115*	*	*	*
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 4.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Central Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	279,699	216,348.66	3,953,975.15	
Cereals.....	278,216	201,238.05	3,747,213.18	
Teff.....	211,904	64,888.49	890,048.03	13.72
Barley.....	128,822	18,384.54	317,097.55	17.25
Wheat.....	116,989	25,849.01	518,553.16	20.06
Maize.....	212,764	21,672.95	493,368.42	22.76
Sorghum.....	175,947	55,154.36	1,295,184.66	23.48
Finger millet.....	95,656	15,288.71	232,961.36	15.24
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	115,820	11,047.80	147,480.72	
Faba beans..... .	88,432	5,345.00	80,094.94	14.99
Field peas.....	4,357	191.43	2,024.92	10.58
Haricot beans.....	*	*	*	*
Chick-peas.....	6,620	1,364.74	15,986.80	11.71
Lentils.....	16,568	1,241.91	11,289.68	9.09
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	12,627	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	32,090	*	*	
Neug.....	7,058	*	*	*
Linseed.....	21,489	2,208.37	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	46,002	296.43	22,774.89	
Lettuce.....	*	*	*	*
Head Cabbage.....	3,579	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	4,409	*	*	*
Green peppers.....	18,856	84.79	7,836.46	92.42
Red peppers.....	22,813	138.77	3,156.98	22.75
Swiss chard.....	1,431	*	*	*
Root Crops.....	24,486	575.26	70,546.49	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	6,823	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	20,191	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	13,728	151.32	3,307.16	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	4,356	36	1,398.16	38.84
Papayas.....	2,223	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	39,457	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 4.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

East Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	176,627	95,669.34	1,720,766.80	
Cereals.....	176,317	85,169.12	1,551,145.70	
Teff.....	64,010	10,882.88	140,976.12	12.95
Barley.....	157,415	32,284.75	593,793.91	18.39
Wheat.....	141,518	27,104.92	531,583.43	19.61
Maize.....	63,909	3,783.43	77,976.61	20.61
Sorghum.....	35,834	4,189.72	95,793.90	22.86
Finger millet.....	43,314	6,837.13	107,889.33	15.78
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	80,997	9,233.33	150,925.92	
Faba beans..... .	47,004	1,730.25	22,609.64	13.07
Field peas.....	17,814	1,037.51	14,663.03	14.13
Haricot beans.....	*	*	*	*
Chick-peas.....	9,282	*	33,475.69	*
Lentils.....	9,291	*	*	*
Grass Peas.....	19,436	3,232.38	71,061.33	21.98
Soya beans.....	-	-	-	-
Fenugreek.....	4,212	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	18,622	1,266.89	18,695.18	
Neug.....	*	*	*	*
Linseed.....	16,270	1,224.84	18,043.92	14.73
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	13,606	182.68	19,036.01	
Lettuce.....	*	*	*	*
Head Cabbage.....	1,894	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	6,449	*	*	*
Green peppers.....	7,500	30.02	2,260.50	75.3
Red peppers.....	*	*	*	*
Swiss chard.....	2,166	*	*	*
Root Crops.....	17,775	295.62	34,964.43	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	8,973	*	*	*
Potatoes.....	7,574	241.78	28,244.31	116.82
Garlic.....	5,361	9.4	1,396.61	148.58
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	8,308	116.32	860.76	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	7,380	110.59	639.18	5.78
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	23,332	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 4.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

South Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	216,594	211,225.61	3,351,409.46	
Cereals.....	216,011	198,863.40	3,212,861.01	
Teff.....	124,591	51,598.89	645,228.23	12.5
Barley.....	136,655	38,518.53	698,762.38	18.14
Wheat.....	126,752	46,359.33	859,689.07	18.54
Maize.....	96,287	8,600.89	186,136.44	21.64
Sorghum.....	104,806	53,138.13	811,811.58	15.28
Finger millet.....	4,023	520.89	8,441.34	16.21
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	60,490	10,064.90	126,004.23	
Faba beans..... .	23,156	2,857.37	*	*
Field peas.....	16,302	1,929.26	24,426.54	12.66
Haricot beans.....	*	*	*	*
Chick-peas.....	6,622	684.6	10,075.77	14.72
Lentils.....	16,979	1,787.37	25,869.83	14.47
Grass Peas.....	13,064	2,046.27	25,547.54	12.48
Soya beans.....	-	-	-	-
Fenugreek.....	2,709	16.52	23.36	1.41
Gibto.....	-	-	-	-
Oilseeds.....	26,085	2,297.31	12,544.23	
Neug.....	*	*	-	-
Linseed.....	20,689	1,998.32	10,190.32	5.1
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	-	-
Vegetables.....	19,710	365.28	28,927.64	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	4,413	*	*	*
Green peppers.....	9,837	170.03	15,290.54	89.93
Red peppers.....	4,363	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	27,774	1,104.64	114,789.82	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	8,279	432.52	62,706.40	144.98
Potatoes.....	10,236	*	*	*
Garlic.....	10,847	131.09	19,381.07	147.85
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	13,278	61.77	2,998.35	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	4,170	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	5,287	17.76	746.27	42.02
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	5,894	*	-	-
Hops.....	23,759	306.65	9,681.09	31.57
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 4.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Western Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*93,891*	*116,572.78*	*2,177,879.27*	
Cereals.....	*89,697*	*59,933.49*	*1,471,513.46*	
Teff.....	*16,923*	*4,603.25*	*65,041.73*	*14.13*
Barley.....	*6,302*	*1,205.01*	*20,768.97*	*17.24*
Wheat.....	*3,523*	*739.81*	*13,595.36*	*18.38*
Maize.....	*66,526*	*4,843.14*	*119,943.63*	*24.77*
Sorghum.....	*74,509*	*39,028.12*	*1,011,862.99*	*25.93*
Finger millet.....	*35,737*	*8,676.24*	*210,504.71*	*24.26*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	*16,995*	*2,042.16*	*30,631.87*	
Faba beans..... .	*11,174*	*890.63*	*10,286.21*	*11.55*
Field peas.....	*	*	*	*
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*74,202*	*54,597.13*	*675,733.94*	
Neug.....	*9,761*	*1,605.22*	*22,232.48*	*13.85*
Linseed.....	*3,069*	*316.2*	*3,786.23*	*11.97*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*67,367*	*52,671.66*	*649,715.22*	*12.34*
Rape seed.....	*	*	-	-
Vegetables.....	*27,394*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*5,531*	*	*	*
Red peppers.....	*22,703*	*	*	*
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 5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Afar Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*9,715*	*9,308.23*	*148,669.03*	
Cereals.....	*9,715*	*7,673.08*	*132,021.59*	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	-	-
Maize.....	*7,152*	*	*	*
Sorghum.....	*4,949*	*2,700.93*	*46,437.50*	*17.19*
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.....	*2,441*	*44.12*	*6,803.85*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*1,024*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	*3,449*	*	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	*1,888*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	*	*
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Zone 1

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.....	*1,753*	*22.33*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	*1,177*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Zone 3

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*8,156*	*8,690.51*	*129,145.67*	
Cereals.....	*8,156*	*7,055.36*	*112,498.23*	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	-	-
Maize.....	*5,935*	*	*	*
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 2010/2011 (2003 E.C)

Amhara Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	3,857,614	4,149,607.81	67,051,378.76	
Cereals.....	3,809,349	3,271,029.77	57,024,269.56	
Teff.....	2,332,878	1,014,267.85	12,791,077.03	12.61
Barley.....	1,390,949	328,268.73	4,307,415.54	13.12
Wheat.....	1,617,509	498,748.68	8,248,603.21	16.54
Maize.....	2,443,599	472,260.11	12,148,054.20	25.72
Sorghum.....	1,488,969	710,731.78	15,335,860.75	21.58
Finger millet.....	717,280	216,959.97	3,360,009.75	15.49
Oats/'Aja'.....	73,960	5,769.06	73,404.43	12.72
Rice.....	56,635	*	*	*
Pulses.....	2,205,433	553,380.72	7,633,192.01	
Faba beans..... .	1,268,026	175,947.79	2,502,825.36	14.22
Field peas.....	582,773	77,205.48	913,252.40	11.83
Haricot beans.....	286,650	38,052.40	510,557.37	13.42
Chick-peas.....	528,543	108,810.77	1,776,946.36	16.33
Lentils.....	353,230	45,391.56	413,579.73	9.11
Grass Peas.....	429,836	82,531.02	1,172,435.18	14.21
Soya beans.....	*	*	*	*
Fenugreek.....	153,485	8,835.90	117,583.37	13.31
Gibto.....	75,799	13,992.40	194,569.95	13.91
Oilseeds.....	1,135,425	325,197.32	2,393,917.18	
Neug.....	333,078	76,320.17	444,195.66	5.82
Linseed.....	353,089	25,335.05	143,925.55	5.68
Groundnuts.....	22,318	*	*	*
Safflower.....	60,419	4,141.17	40,502.22	9.78
Sesame.....	324,332	207,103.06	1,577,518.60	7.62
Rape seed.....	233,719	9,560.03	138,178.65	14.45
Vegetables.....	1,253,832	32,501.67	866,718.79	
Lettuce.....	5,960	10.96	758.87	69.24
Head Cabbage.....	73,997	292.38	34,769.06	118.92
Ethiopian Cabbage.....	178,963	687.35	71,762.53	104.4
Tomatoes.....	27,489	256.15	27,544.80	107.53
Green peppers.....	171,369	1,343.00	121,187.22	90.24
Red peppers.....	884,093	29,881.57	608,014.50	20.35
Swiss chard.....	22,102	30.26	2,681.82	88.63
Root Crops.....	1,333,722	34,888.64	3,509,230.22	
Beetroot.....	48,728	127.45	11,012.95	86.41
Carrot.....	27,701	266.97	17,444.97	65.34
Onion.....	239,306	7,111.42	963,096.61	135.43
Potatoes.....	475,341	20,546.94	1,807,059.57	87.95
Garlic.....	852,190	5,202.59	593,158.99	114.01
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	32,260	*	*	*
Fruit Crops.....	279,129	3,271.39	281,943.18	
Avocados.....	15,591	68.36	3,664.54	53.61
Bananas.....	101,225	914.79	30,680.17	33.54
Guavas.....	49,426	319.38	6,524.01	20.43
Lemons.....	51,836	232.18	33,357.92	143.67
Mangoes.....	37,156	280.79	19,592.76	69.78
Oranges.....	94,692	1,198.64	169,583.05	141.48
Papayas.....	66,729	257.22	18,540.72	72.08
Pineapples.....	*	*	-	-
Chat.....	176,453	8,080.69	65,211.85	8.07
Coffee.....	279,168	12,006.49	46,190.89	3.85
Hops.....	910,910	14,254.30	105,326.28	7.39
Sugar Cane.....	79,660	3,199.81	*	*
Enset.....	*	*	-	-

Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

North Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*604,274*	*787,038.05*	*13,154,249.96*	
Cereals.....	*582,999*	*530,323.03*	*10,535,373.67*	
Teff.....	*268,756*	*114,165.67*	*1,531,260.63*	*13.41*
Barley.....	*202,951*	*44,673.15*	*774,228.72*	*17.33*
Wheat.....	*164,017*	*58,006.00*	*1,130,252.68*	*19.49*
Maize.....	*396,829*	*59,778.00*	*1,414,085.08*	*23.66*
Sorghum.....	*366,645*	*201,936.31*	*4,506,705.18*	*22.32*
Finger millet.....	*189,438*	*50,518.54*	*1,157,902.43*	*22.92*
Oats/'Aja'.....	*8,033*	*	*	*
Rice.....	*	*	*	*
Pulses.....	*271,871*	*83,949.36*	*1,371,561.87*	
Faba beans..... .	*151,145*	*21,817.96*	*323,706.13*	*14.84*
Field peas.....	*70,906*	*10,712.69*	*141,029.39*	*13.16*
Haricot beans.....	*	*	*	*
Chick-peas.....	*118,745*	*36,807.19*	*732,433.08*	*19.9*
Lentils.....	*32,613*	*4,430.45*	*60,096.09*	*13.56*
Grass Peas.....	*32,457*	*5,191.66*	*63,346.62*	*12.2*
Soya beans.....	-	-	-	-
Fenugreek.....	*21,593*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*244,562*	*172,765.65*	*	
Neug.....	*54,010*	*14,925.19*	*116,804.17*	*7.83*
Linseed.....	*57,613*	*4,450.98*	*40,132.37*	*9.02*
Groundnuts.....	*	*	*	*
Safflower.....	*	*217.35*	*	*
Sesame.....	*141,868*	*	*	*
Rape seed.....	*15,821*	*204.47*	*2,768.29*	*13.54*
Vegetables.....	*209,331*	*5,641.06*	*107,460.50*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*17,317*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*170,091*	*5,411.20*	*86,957.96*	*16.07*
Swiss chard.....	*	*	*	*
Root Crops.....	*149,783*	*4,214.02*	*462,332.28*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*25,543*	*	*	*
Potatoes.....	*77,137*	*2,620.79*	*242,134.57*	*92.39*
Garlic.....	*86,834*	*619.75*	*81,601.83*	*131.67*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*17,146*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	*55,297*	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

South Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*492,349*	*497,598.47*	*7,713,628.13*	
Cereals.....	*491,277*	*388,627.73*	*6,365,711.17*	
Teff.....	*346,906*	*129,446.68*	*1,629,014.16*	*12.58*
Barley.....	*182,748*	*35,861.26*	*474,370.94*	*13.23*
Wheat.....	*255,725*	*78,880.22*	*1,352,027.87*	*17.14*
Maize.....	*345,780*	*44,519.52*	*984,478.13*	*22.11*
Sorghum.....	*145,569*	*37,856.93*	*634,157.07*	*16.75*
Finger millet.....	*155,735*	*39,152.85*	*536,238.95*	*13.7*
Oats/'Aja'.....	*9,001*	*	*	*
Rice.....	*45,082*	*	*	*
Pulses.....	*343,673*	*86,919.55*	*1,199,979.40*	
Faba beans..... .	*141,843*	*12,449.30*	*132,546.32*	*10.65*
Field peas.....	*68,005*	*8,559.63*	*100,230.72*	*11.71*
Haricot beans.....	*29,744*	*	*	*
Chick-peas.....	*103,945*	*17,539.39*	*227,502.40*	*12.97*
Lentils.....	*27,344*	*2,605.90*	*	*
Grass Peas.....	*137,562*	*35,086.88*	*564,339.55*	*16.08*
Soya beans.....	-	-	-	-
Fenugreek.....	*3,319*	*	*	*
Gibto.....	*25,779*	*	*	*
Oilseeds.....	*143,031*	*22,051.19*	*147,937.56*	
Neug.....	*63,754*	*14,747.58*	*103,976.42*	*7.05*
Linseed.....	*70,721*	*5,924.67*	*28,798.02*	*4.86*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*36,607*	*1,064.32*	*13,471.31*	*12.66*
Vegetables.....	*104,047*	*2,330.83*	*89,976.55*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*30,820*	*	*	*
Red peppers.....	*65,667*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	*219,186*	*7,795.66*	*657,177.85*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*102,164*	*6,545.83*	*498,596.15*	*76.17*
Garlic.....	*140,970*	*806.92*	*94,264.20*	*116.82*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	*104,455*	*1,057.75*	*5,235.84*	*4.95*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

North Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	314,652	270,736.46	4,134,034.54	
Cereals.....	312,337	225,880.92	3,612,694.15	
Teff.....	185,235	64,081.43	754,899.22	11.78
Barley.....	168,025	41,985.68	448,231.32	10.68
Wheat.....	124,062	26,007.40	348,658.93	13.41
Maize.....	127,383	7,387.22	94,903.77	12.85
Sorghum.....	187,871	82,172.17	1,911,664.33	23.26
Finger millet.....	24,309	2,697.36	36,271.73	13.45
Oats/'Aja'.....	11,910	1,311.14	*	*
Rice.....	*	*	-	-
Pulses.....	173,316	38,558.67	484,866.54	
Faba beans..... .	102,466	12,742.01	188,053.62	14.76
Field peas.....	74,037	9,120.17	99,317.12	10.89
Haricot beans.....	20,792	*	*	*
Chick-peas.....	28,453	4,168.63	59,368.09	14.24
Lentils.....	47,788	5,300.34	43,572.46	8.22
Grass Peas.....	10,274	1,066.40	19,826.02	18.59
Soya beans.....	*	*	-	-
Fenugreek.....	19,359	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	79,708	6,296.86	36,473.85	
Neug.....	9,656	505.04	3,030.95	6
Linseed.....	67,665	5,204.57	29,659.32	5.7
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	84,379	766.4	31,899.94	
Lettuce.....	*	*	*	*
Head Cabbage.....	1,315	*	*	*
Ethiopian Cabbage.....	32,555	165.51	15,975.45	96.52
Tomatoes.....	1,355	*	*	*
Green peppers.....	8,917	42.65	3,502.27	82.12
Red peppers.....	46,003	535.32	9,849.85	18.4
Swiss chard.....	*	*	*	*
Root Crops.....	96,906	*	245,504.05	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	19,819	533.85	74,968.16	140.43
Potatoes.....	22,947	352.28	29,316.86	83.22
Garlic.....	73,759	643.06	65,861.80	102.42
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	22,172	219.39	18,699.58	
Avocados.....	*	*	*	*
Bananas.....	10,035	54.36	1,827.18	33.61
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	9,048	*	*	*
Papayas.....	3,144	7.02	855.57	121.88
Pineapples.....	-	-	-	-
Chat.....	4,941	*	*	*
Coffee.....	32,291	818.18	4,009.10	4.9
Hops.....	53,891	854.23	9,046.28	10.59
Sugar Cane.....	3,659	*	*	*
Enset.....	-	-	-	-

Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

South Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	610,045	442,380.16	6,868,687.16	
Cereals.....	601,875	341,681.73	5,528,343.98	
Teff.....	337,108	103,807.89	1,298,869.74	12.51
Barley.....	255,135	41,352.63	540,576.71	13.07
Wheat.....	299,451	81,227.51	1,148,377.26	14.14
Maize.....	230,921	14,879.64	332,943.02	22.38
Sorghum.....	287,571	92,223.18	2,133,239.28	23.13
Finger millet.....	41,197	*	*	*
Oats/'Aja'.....	37,762	2,513.50	27,582.50	10.97
Rice.....	*	*	-	-
Pulses.....	418,236	94,433.85	1,292,268.17	
Faba beans..... .	237,858	26,735.93	393,425.67	14.72
Field peas.....	128,366	15,434.61	218,040.72	14.13
Haricot beans.....	87,787	7,933.83	106,276.96	13.4
Chick-peas.....	112,213	16,472.09	221,562.57	13.45
Lentils.....	116,447	11,895.87	117,418.48	9.87
Grass Peas.....	95,305	12,710.72	196,563.09	15.46
Soya beans.....	*	*	-	-
Fenugreek.....	46,517	2,984.48	*	*
Gibto.....	-	-	-	-
Oilseeds.....	117,451	6,264.58	48,075.02	
Neug.....	34,220	2,074.68	12,272.57	5.92
Linseed.....	63,915	2,416.18	14,084.32	5.83
Groundnuts.....	*	*	-	-
Safflower.....	7,800	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	4,550	*	*	*
Vegetables.....	143,718	1,731.85	66,824.27	
Lettuce.....	3,235	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	44,486	169.17	17,115.25	101.17
Tomatoes.....	*	*	*	*
Green peppers.....	13,753	*	*	*
Red peppers.....	80,125	1,400.14	35,157.60	25.11
Swiss chard.....	*	*	*	*
Root Crops.....	155,630	1,645.85	173,090.84	
Beetroot.....	*	*	*	*
Carrot.....	7,286	*	*	*
Onion.....	13,570	*	*	*
Potatoes.....	33,223	*	*	*
Garlic.....	123,292	569.93	60,663.03	106.44
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	63,162	1,196.07	147,894.79	
Avocados.....	2,761	*	*	*
Bananas.....	9,758	*	*	*
Guavas.....	21,281	*	*	*
Lemons.....	7,069	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	39,565	781.97	135,836.64	173.71
Papayas.....	11,442	*	*	*
Pineapples.....	-	-	-	-
Chat.....	76,006	4,574.41	46,979.14	10.27
Coffee.....	77,343	*	*	*
Hops.....	70,307	495.31	6,513.35	13.15
Sugar Cane.....	*	*	*	*
Enset.....	*	*	-	-

Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*431,834*	*540,802.63*	*8,923,993.43*	
Cereals.....	*424,344*	*440,538.83*	*7,617,288.40*	
Teff.....	*273,076*	*131,215.65*	*1,441,245.20*	*10.98*
Barley.....	*187,177*	*63,003.60*	*908,598.38*	*14.42*
Wheat.....	*195,546*	*73,361.81*	*1,293,666.43*	*17.63*
Maize.....	*164,749*	*11,283.40*	*239,561.94*	*21.23*
Sorghum.....	*224,032*	*161,303.07*	*3,729,174.21*	*23.12*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*3,349*	*	*	*
Rice.....	*	*	-	-
Pulses.....	*281,077*	*88,406.82*	*1,211,359.28*	
Faba beans..... .	*180,685*	*38,433.38*	*612,618.04*	*15.94*
Field peas.....	*82,552*	*11,805.88*	*121,967.34*	*10.33*
Haricot beans.....	*53,929*	*4,839.52*	*61,323.59*	*12.67*
Chick-peas.....	*59,248*	*11,233.00*	*201,513.59*	*17.94*
Lentils.....	*100,279*	*17,527.82*	*144,642.56*	*8.25*
Grass Peas.....	*29,011*	*2,933.62*	*45,984.86*	*15.68*
Soya beans.....	*	*	*	*
Fenugreek.....	*33,615*	*1,633.53*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*116,425*	*11,856.98*	*95,345.76*	
Neug.....	*19,990*	*946.13*	*2,410.19*	*2.55*
Linseed.....	*40,006*	*4,345.46*	*15,267.45*	*3.51*
Groundnuts.....	-	-	-	-
Safflower.....	*25,464*	*	*25,280.39*	*
Sesame.....	*56,330*	*4,085.80*	*52,045.11*	*12.74*
Rape seed.....	*3,197*	*	*	*
Vegetables.....	*158,965*	*1,332.36*	*75,468.32*	
Lettuce.....	*	*	*	*
Head Cabbage.....	*5,828*	*	*	*
Ethiopian Cabbage.....	*71,087*	*150.47*	*16,990.74*	*112.92*
Tomatoes.....	*7,004*	*	*	*
Green peppers.....	*27,034*	*207.43*	*20,110.38*	*96.95*
Red peppers.....	*69,829*	*830.96*	*23,773.86*	*28.61*
Swiss chard.....	*9,981*	*13.87*	*1,243.84*	*89.68*
Root Crops.....	*209,363*	*4,757.50*	*614,783.22*	
Beetroot.....	*7,233*	*	*	*
Carrot.....	*6,299*	*18.44*	*1,005.78*	*54.54*
Onion.....	*106,945*	*	*	*
Potatoes.....	*43,232*	*388.13*	*38,545.50*	*99.31*
Garlic.....	*125,064*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*9,182*	*94.99*	*9,809.23*	*103.27*
Fruit Crops.....	*42,437*	*	*22,740.75*	
Avocados.....	*	*	*	*
Bananas.....	*20,468*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*12.72*	*1,405.61*	*110.5*
Oranges.....	*13,652*	*43.67*	*6,488.25*	*148.57*
Papayas.....	*10,884*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*20,398*	*	*	*
Coffee.....	*44,181*	*702.44*	*1,538.35*	*2.19*
Hops.....	*121,276*	*2,445.29*	*17,777.25*	*7.27*
Sugar Cane.....	*17,241*	*213.36*	*28,145.93*	*131.92*
Enset.....	*	*	-	-

Table 6.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

East Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	495,376	594,751.07	9,309,961.58	
Cereals.....	491,892	491,523.88	8,014,637.56	
Teff.....	360,845	227,538.81	3,186,160.88	14
Barley.....	174,553	49,483.17	576,952.72	11.66
Wheat.....	315,312	114,452.06	1,939,855.91	16.95
Maize.....	359,001	64,470.16	1,670,346.96	25.91
Sorghum.....	99,357	35,034.35	634,784.47	18.12
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	-	-	-
Rice.....	-	-	-	-
Pulses.....	327,668	81,389.25	1,118,835.21	
Faba beans..... .	217,006	31,193.51	418,127.99	13.4
Field peas.....	60,913	9,094.36	104,009.35	11.44
Haricot beans.....	34,659	*	*	*
Chick-peas.....	67,237	14,040.66	200,988.87	14.31
Lentils.....	11,532	*	*	*
Grass Peas.....	80,615	15,334.51	254,970.60	16.63
Soya beans.....	*	*	*	*
Fenugreek.....	13,208	589.12	5,118.93	8.69
Gibto.....	7,324	*	*	*
Oilseeds.....	121,425	21,837.94	176,488.81	
Neug.....	52,410	12,076.84	66,110.10	5.47
Linseed.....	14,135	938.96	4,358.88	4.64
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	27,379	*	*	*
Rape seed.....	39,227	1,781.87	*	*
Vegetables.....	128,806	1,542.86	91,079.58	
Lettuce.....	*	*	*	*
Head Cabbage.....	32,983	151.81	18,970.73	124.96
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	47,228	290.17	25,769.87	88.81
Red peppers.....	63,194	1,013.50	37,458.96	36.96
Swiss chard.....	*	*	*	*
Root Crops.....	209,120	6,097.84	677,374.00	
Beetroot.....	23,819	55.42	4,880.72	88.07
Carrot.....	*	*	*	*
Onion.....	32,336	*	*	*
Potatoes.....	78,969	3,939.64	409,288.74	103.89
Garlic.....	123,717	821.19	109,792.56	133.7
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	22,264	279.91	5,788.91	
Avocados.....	*	*	*	*
Bananas.....	11,600	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	8,932	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	7,016	*	*	*
Coffee.....	23,572	218.68	323.64	1.48
Hops.....	228,446	3,859.18	29,445.57	7.63
Sugar Cane.....	7,456	*	*	*
Enset.....	-	-	-	-

Table 6.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

West Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	513,438	574,294.32	10,350,414.88	
Cereals.....	511,172	486,769.45	9,433,109.36	
Teff.....	325,617	140,289.53	1,742,432.38	12.42
Barley.....	103,450	24,648.77	277,362.52	11.25
Wheat.....	156,116	38,274.70	654,646.65	17.1
Maize.....	501,004	202,664.31	5,599,263.83	27.63
Sorghum.....	*	*	*	*
Finger millet.....	207,888	75,054.83	1,018,800.18	13.57
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	240,257	50,022.35	596,201.92	
Faba beans..... .	169,749	23,666.38	313,443.81	13.24
Field peas.....	48,657	6,210.89	53,314.34	8.58
Haricot beans.....	13,597	708.29	*	*
Chick-peas.....	25,490	5,756.28	100,437.88	17.45
Lentils.....	*	*	*	*
Grass Peas.....	44,279	10,149.79	27,404.45	2.7
Soya beans.....	-	-	-	-
Fenugreek.....	6,417	*	*	*
Gibto.....	20,576	3,409.51	86,216.75	25.29
Oilseeds.....	153,104	37,502.51	321,103.60	
Neug.....	59,228	14,749.61	85,188.35	5.78
Linseed.....	12,711	939.79	4,324.11	4.6
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	90,940	4,924.07	71,983.72	14.62
Vegetables.....	320,100	13,128.88	273,604.73	
Lettuce.....	-	-	-	-
Head Cabbage.....	25,399	96.43	10,296.10	106.77
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	3,383	3.7	301.19	81.4
Red peppers.....	311,572	13,023.58	262,425.19	20.15
Swiss chard.....	*	*	*	*
Root Crops.....	184,640	3,958.97	424,907.38	
Beetroot.....	13,481	20.16	1,518.33	75.31
Carrot.....	4,497	5.85	112.27	19.19
Onion.....	18,190	*	*	*
Potatoes.....	59,746	3,066.17	328,233.31	107.05
Garlic.....	121,140	572.17	57,451.15	100.41
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	52,112	485.65	41,908.94	
Avocados.....	7,191	*	*	*
Bananas.....	26,676	*	*	*
Guavas.....	11,261	24.28	654.37	26.95
Lemons.....	12,812	36.35	10,085.75	277.46
Mangoes.....	12,890	*	*	*
Oranges.....	7,765	*	*	*
Papayas.....	12,330	40.17	2,762.71	68.78
Pineapples.....	-	-	-	-
Chat.....	38,320	820.23	7,619.94	9.29
Coffee.....	45,128	*	*	*
Hops.....	212,173	2,735.81	21,476.10	7.85
Sugar Cane.....	26,664	*	*	*
Enset.....	-	-	-	-

Table 6.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Waghemra

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*94,337*	*111,015.15*	*1,553,580.26*	
Cereals.....	*93,827*	*89,535.14*	*1,323,063.24*	
Teff.....	*66,876*	*24,406.90*	*265,205.89*	*10.87*
Barley.....	*56,459*	*15,900.09*	*217,883.29*	*13.7*
Wheat.....	*29,831*	*5,618.90*	*68,033.36*	*12.11*
Maize.....	*61,558*	*3,379.30*	*49,498.76*	*14.65*
Sorghum.....	*73,684*	*39,997.42*	*720,971.45*	*18.03*
Finger millet.....	*1,249*	*124.9*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	*65,781*	*13,887.32*	*163,486.91*	
Faba beans..... .	*36,757*	*5,239.57*	*67,901.48*	*12.96*
Field peas.....	*26,655*	*3,800.21*	*50,641.83*	*13.33*
Haricot beans.....	*16,727*	*1,988.53*	*22,514.22*	*11.32*
Chick-peas.....	*5,171*	*872.28*	*6,236.71*	*7.15*
Lentils.....	*14,009*	*1,918.61*	*16,154.26*	*8.42*
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*2,701*	*10.71*	*38.42*	*3.59*
Gibto.....	-	-	-	-
Oilseeds.....	*39,608*	*7,592.69*	*	
Neug.....	*8,021*	*356.3*	*1,909.26*	*5.36*
Linseed.....	*19,414*	*805.71*	*5,649.13*	*7.01*
Groundnuts.....	-	-	-	-
Safflower.....	*5,481*	*344.31*	*2,245.51*	*6.52*
Sesame.....	*17,530*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	*9,213*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*1,310*	*2.28*	*298.71*	*131.01*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*1,386*	*	*	*
Green peppers.....	*6,598*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	*17,933*	*161.84*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*8,186*	*69.3*	*5,971.13*	*86.16*
Garlic.....	*12,132*	*48.34*	*5,496.45*	*113.7*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*1,826*	*	*	
Avocados.....	*	*	*	*
Bananas.....	*1,174*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*1,179*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Awi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*210,792*	*269,557.61*	*3,989,769.97*	
Cereals.....	*210,002*	*220,233.61*	*3,613,275.27*	
Teff.....	*133,264*	*69,033.76*	*805,947.28*	*11.67*
Barley.....	*53,049*	*10,649.66*	*81,861.23*	*7.69*
Wheat.....	*75,925*	*22,660.58*	*309,833.49*	*13.67*
Maize.....	*198,953*	*57,526.66*	*1,648,914.89*	*28.66*
Sorghum.....	*	*	*	*
Finger millet.....	*93,026*	*43,229.37*	*552,036.66*	*12.77*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	*64,378*	*13,336.91*	*164,439.57*	
Faba beans..... .	*28,768*	*3,563.77*	*51,099.17*	*14.34*
Field peas.....	*19,795*	*2,151.02*	*19,793.30*	*9.2*
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	*21,788*	*5,328.69*	*55,839.32*	*10.48*
Oilseeds.....	*87,982*	*35,987.08*	*212,055.13*	
Neug.....	*31,263*	*15,934.74*	*52,473.73*	*3.29*
Linseed.....	*3,290*	*192.56*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*39,904*	*1,368.68*	*20,913.06*	*15.28*
Vegetables.....	*78,134*	*5,633.46*	*109,743.61*	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*4,849*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*5,472*	*11.93*	*1,184.76*	*99.31*
Red peppers.....	*68,006*	*5,549.72*	*100,560.92*	*18.12*
Swiss chard.....	*	*	*	*
Root Crops.....	*85,757*	*3,323.79*	*215,626.63*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*6,330*	*	*	*
Potatoes.....	*49,718*	*2,883.71*	*183,173.08*	*63.52*
Garlic.....	*42,180*	*192.1*	*22,001.49*	*114.53*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*10,797*	*	*	*
Fruit Crops.....	*18,671*	*63.41*	*6,805.19*	
Avocados.....	*	*	*	*
Bananas.....	*4,414*	*16.79*	*479.89*	*28.58*
Guavas.....	*	*	*	*
Lemons.....	*4,047*	*9.57*	*2,742.88*	*286.61*
Mangoes.....	*5,850*	*7.57*	*259.09*	*34.23*
Oranges.....	*5,125*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*22,590*	*	*	*
Hops.....	*64,294*	*	*	*
Sugar Cane.....	*11,699*	*133.96*	*135,384.57*	*1,010.63*
Enset.....	-	-	-	-

Table 6.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Oromia Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	83,021	56,347.95	971,030.21	
Cereals.....	82,205	51,400.23	905,203.82	
Teff.....	33,237	9,795.53	129,760.44	13.25
Barley.....	6,953	683.77	7,133.08	10.43
Wheat.....	*	*	*	*
Maize.....	53,369	5,919.15	106,230.19	17.95
Sorghum.....	67,988	34,719.09	658,473.34	18.97
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	17,431	2,320.22	28,975.30	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	8,509	889.04	10,296.13	11.58
Chick-peas.....	5,053	886.23	10,248.32	11.56
Lentils.....	1,620	*	*	*
Grass Peas.....	*	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	29,627	2,627.50	36,851.09	
Neug.....	*	*	*	*
Linseed.....	3,346	109.85	*	*
Groundnuts.....	6,070	344.57	*	*
Safflower.....	8,164	257.58	3,572.99	13.87
Sesame.....	17,617	1,856.05	*	*
Rape seed.....	*	*	*	*
Vegetables.....	16,037	301.52	14,348.15	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	2,352	*	*	*
Tomatoes.....	1,530	*	*	*
Green peppers.....	5,509	*	*	*
Red peppers.....	7,711	196.61	3,782.85	19.24
Swiss chard.....	-	-	-	-
Root Crops.....	5,222	16.99	1,819.73	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	2,993	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	25,391	255.48	11,092.64	
Avocados.....	*	*	*	*
Bananas.....	5,872	*	*	*
Guavas.....	4,858	40.81	745.27	18.26
Lemons.....	3,269	14.86	1,710.80	115.13
Mangoes.....	6,611	41.43	1,418.02	34.23
Oranges.....	10,451	94.91	4,955.04	52.21
Papayas.....	8,218	22.76	1,290.58	56.7
Pineapples.....	*	*	-	-
Chat.....	21,080	1,901.57	6,731.55	3.54
Coffee.....	15,176	1,177.12	4,272.94	3.63
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Argoba Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	7,495	5,085.95	82,028.63	
Cereals.....	7,419	4,515.21	75,568.96	
Teff.....	1,958	486	6,281.21	12.92
Barley.....	449	26.97	216.64	8.03
Wheat.....	256	15.96	111.46	6.98
Maize.....	4,053	452.74	7,827.62	17.29
Sorghum.....	6,739	3,512.79	60,921.21	17.34
Finger millet.....	132	*	*	*
Oats/'Aja'.....	179	13.26	*	*
Rice.....	72	*	-	-
Pulses.....	1,745	156.41	1,217.85	
Faba beans..... .	*	*	*	*
Field peas.....	385	28.73	175.68	6.11
Haricot beans.....	1,079	81.69	692.05	8.47
Chick-peas.....	217	28.91	255.23	8.83
Lentils.....	352	14.34	74.93	5.23
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	77	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	2,503	414.33	5,241.83	
Neug.....	*	*	*	*
Linseed.....	274	6.31	26.08	4.13
Groundnuts.....	*	*	*	*
Safflower.....	776	33.56	432.86	12.9
Sesame.....	1,887	369.44	4,725.34	12.79
Rape seed.....	-	-	-	-
Vegetables.....	1,103	35.49	745.6	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	129	*	*	*
Red peppers.....	900	34.11	620.39	18.19
Swiss chard.....	-	-	-	-
Root Crops.....	182	0.37	37.9	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	77	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	384	5.04	255.95	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	165	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	200	1.07	46.55	43.5
Pineapples.....	-	-	-	-
Chat.....	246	*	*	*
Coffee.....	362	3.23	14.97	4.63
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Oromia Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	5,198,253	5,435,862.15	98,806,640.88	
Cereals.....	5,090,437	4,576,386.63	87,972,328.47	
Teff.....	2,321,596	1,289,405.27	16,718,025.31	12.97
Barley.....	1,517,997	513,707.03	9,085,451.20	17.69
Wheat.....	1,843,956	815,975.59	15,832,119.46	19.4
Maize.....	3,470,109	1,109,276.03	28,805,965.97	25.97
Sorghum.....	2,191,239	739,361.26	15,805,450.93	21.38
Finger millet.....	377,325	81,808.99	1,278,280.81	15.63
Oats/'Aja'.....	156,163	24,494.31	394,621.24	16.11
Rice.....	20,752	2,358.14	*	*
Pulses.....	2,401,127	552,162.41	8,477,228.73	
Faba beans..... .	1,199,054	199,063.27	3,244,771.28	16.3
Field peas.....	414,871	77,605.85	1,066,472.73	13.74
Haricot beans.....	933,947	112,779.68	1,696,436.80	15.04
Chick-peas.....	250,720	85,119.16	1,285,867.67	15.11
Lentils.....	184,359	26,560.42	331,558.18	12.48
Grass Peas.....	191,071	40,691.03	720,244.08	17.7
Soya beans.....	36,390	4,835.54	74,897.61	15.49
Fenugreek.....	181,987	5,303.58	56,725.93	10.7
Gibto.....	2,670	203.89	*	*
Oilseeds.....	1,048,102	307,313.11	2,357,083.69	
Neug.....	391,762	158,747.75	904,928.50	5.7
Linseed.....	295,218	40,778.05	427,061.87	10.47
Groundnuts.....	160,531	32,967.80	422,650.44	12.82
Safflower.....	10,774	*	*	*
Sesame.....	230,703	70,238.66	544,242.35	7.75
Rape seed.....	117,672	3,655.13	52,731.03	14.43
Vegetables.....	1,687,138	50,613.66	2,360,523.18	
Lettuce.....	6,503	26.19	*	*
Head Cabbage.....	137,518	1,108.33	83,830.82	75.64
Ethiopian Cabbage.....	937,986	9,014.54	921,729.59	102.25
Tomatoes.....	38,728	3,719.79	385,781.39	103.71
Green peppers.....	364,022	2,430.18	227,286.69	93.53
Red peppers.....	514,643	34,284.52	739,047.88	21.56
Swiss chard.....	17,121	30.11	1,696.64	56.35
Root Crops.....	1,926,043	83,278.23	6,441,935.11	
Beetroot.....	147,734	932.49	93,544.12	100.32
Carrot.....	51,801	*	*	*
Onion.....	247,427	12,054.97	1,012,330.34	83.98
Potatoes.....	320,198	24,343.19	1,850,836.69	76.03
Garlic.....	423,544	4,109.70	513,027.27	124.83
Taro/'Godere'.....	385,476	6,748.83	426,494.17	63.2
Sweet potatoes.....	777,575	33,733.44	2,494,416.17	73.94
Fruit Crops.....	998,793	19,962.75	1,536,693.67	
Avocados.....	247,941	2,229.05	156,423.48	70.17
Bananas.....	690,757	10,667.86	739,995.62	69.37
Guavas.....	66,364	*	*	*
Lemons.....	13,501	*	3,578.48	*
Mangoes.....	286,625	3,791.54	296,498.80	78.2
Oranges.....	104,275	1,204.60	159,093.60	132.07
Papayas.....	174,592	880.67	161,489.93	183.37
Pineapples.....	3,303	*	*	*
Chat.....	1,419,746	148,532.46	1,350,263.60	9.09
Coffee.....	1,527,218	351,170.51	2,552,317.24	7.27
Hops.....	348,749	3,861.81	82,428.77	21.34
Sugar Cane.....	331,410	7,390.72	2,577,683.15	348.77
Enset.....	1,412,819	90,862.45	1,755,871.04	19.32

Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

West Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	250,655	248,829.31	4,304,924.57	
Cereals.....	249,154	202,395.19	3,940,053.41	
Teff.....	95,890	34,040.24	329,185.23	9.67
Barley.....	40,201	2,164.99	17,521.28	8.09
Wheat.....	40,065	2,927.03	35,337.13	12.07
Maize.....	232,688	73,960.00	1,973,412.13	26.68
Sorghum.....	193,592	55,926.26	1,150,644.21	20.57
Finger millet.....	120,300	33,294.45	432,139.82	12.98
Oats/'Aja'.....	*	*	*	*
Rice.....	1,106	*	*	*
Pulses.....	134,595	13,832.53	141,160.29	
Faba beans..... .	46,578	2,925.45	31,037.16	10.61
Field peas.....	28,677	1,297.89	13,809.19	10.64
Haricot beans.....	88,947	8,035.13	81,990.17	10.2
Chick-peas.....	9,789	661.71	5,666.29	8.56
Lentils.....	*	*	*	*
Grass Peas.....	8,977	193.26	1,629.21	8.43
Soya beans.....	8,160	*	*	*
Fenugreek.....	5,322	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	115,610	32,601.59	223,710.87	
Neug.....	78,531	24,844.35	163,580.15	6.58
Linseed.....	11,468	569.05	*	*
Groundnuts.....	7,545	*	*	*
Safflower.....	*	*	*	*
Sesame.....	28,138	*	*	*
Rape seed.....	17,976	658.02	10,668.54	16.21
Vegetables.....	105,943	2,016.41	96,295.68	
Lettuce.....	-	-	-	-
Head Cabbage.....	7,097	19.2	1,130.96	58.9
Ethiopian Cabbage.....	16,238	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	10,191	100.82	9,851.42	97.71
Red peppers.....	84,943	1,488.53	37,495.95	25.19
Swiss chard.....	*	*	*	*
Root Crops.....	143,507	4,834.58	410,139.36	
Beetroot.....	7,864	17.47	2,304.80	131.93
Carrot.....	3,669	9.35	719.21	76.92
Onion.....	9,740	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	11,802	61.75	5,681.72	92.01
Taro/'Godere'.....	22,049	150.43	12,766.60	84.87
Sweet potatoes.....	128,609	4,027.92	343,178.42	85.2
Fruit Crops.....	139,621	3,826.16	306,539.45	
Avocados.....	30,678	420.75	29,103.39	69.17
Bananas.....	102,013	1,496.87	111,711.74	74.63
Guavas.....	*	*	*	*
Lemons.....	2,133	*	*	*
Mangoes.....	58,724	*	*	*
Oranges.....	32,008	316.87	25,257.66	79.71
Papayas.....	13,142	56.68	10,837.86	191.21
Pineapples.....	-	-	-	-
Chat.....	37,961	1,168.89	12,179.80	10.42
Coffee.....	185,583	53,014.85	333,463.38	6.29
Hops.....	21,638	157.41	1,766.16	11.22
Sugar Cane.....	15,529	433.86	151,266.14	348.65
Enset.....	15,771	77.01	586.1	7.61

Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

East Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*220,462*	*349,230.65*	*6,644,742.19*	
Cereals.....	*219,533*	*279,567.15*	*6,061,040.50*	
Teff.....	*123,285*	*74,497.41*	*879,136.78*	*11.8*
Barley.....	*39,269*	*6,428.84*	*90,045.43*	*14.01*
Wheat.....	*52,076*	*9,839.86*	*147,352.34*	*14.98*
Maize.....	*213,713*	*121,854.26*	*3,444,170.62*	*28.26*
Sorghum.....	*123,124*	*51,172.61*	*1,246,044.11*	*24.35*
Finger millet.....	*49,813*	*15,470.82*	*251,474.81*	*16.25*
Oats/'Aja'.....	*	*279.34*	*2,441.79*	*8.74*
Rice.....	*	*	*	*
Pulses.....	*76,426*	*11,809.97*	*157,101.09*	
Faba beans..... .	*50,383*	*6,603.58*	*80,538.06*	*12.2*
Field peas.....	*13,904*	*2,433.22*	*34,699.75*	*14.26*
Haricot beans.....	*17,851*	*1,645.41*	*22,554.62*	*13.71*
Chick-peas.....	*4,079*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*9,960*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*127,727*	*57,853.53*	*426,600.60*	
Neug.....	*82,036*	*35,290.96*	*212,954.04*	*6.03*
Linseed.....	*	*	*	*
Groundnuts.....	*15,780*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*50,610*	*16,846.52*	*140,039.01*	*8.31*
Rape seed.....	*8,954*	*290.32*	*3,858.82*	*13.29*
Vegetables.....	*94,396*	*2,444.58*	*87,535.98*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*6,080*	*30.64*	*1,650.67*	*53.87*
Ethiopian Cabbage.....	*7,747*	*45.75*	*3,716.34*	*81.23*
Tomatoes.....	*	*	*	*
Green peppers.....	*16,282*	*111.48*	*8,011.96*	*71.87*
Red peppers.....	*74,647*	*1,642.89*	*37,342.92*	*22.73*
Swiss chard.....	*	*	*	*
Root Crops.....	*80,362*	*1,593.00*	*150,666.96*	
Beetroot.....	*13,271*	*37.16*	*3,120.70*	*83.98*
Carrot.....	*3,036*	*	*	*
Onion.....	*12,326*	*103.52*	*9,587.72*	*92.62*
Potatoes.....	*3,684*	*	*	*
Garlic.....	*30,078*	*116.17*	*15,483.00*	*133.28*
Taro/'Godere'.....	*10,604*	*70.31*	*3,873.48*	*55.09*
Sweet potatoes.....	*34,989*	*1,112.42*	*107,370.38*	*96.52*
Fruit Crops.....	*54,675*	*1,231.06*	*77,442.17*	
Avocados.....	*2,722*	*	*	*
Bananas.....	*31,339*	*647.89*	*23,155.76*	*35.74*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*30,374*	*516.19*	*40,902.63*	*79.24*
Oranges.....	*	*	*	*
Papayas.....	*6,653*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*20,466*	*457.22*	*5,225.97*	*11.43*
Coffee.....	*69,895*	*8,823.51*	*62,294.00*	*7.06*
Hops.....	*29,778*	*297.66*	*5,777.63*	*19.41*
Sugar Cane.....	*8,591*	*271.07*	*15,128.49*	*55.81*
Enset.....	*	*	*	*

Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Illubabor

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*260,241*	*257,282.35*	*4,812,506.39*	
Cereals.....	*255,695*	*218,199.31*	*4,454,185.41*	
Teff.....	*135,743*	*70,696.41*	*766,610.87*	*10.84*
Barley.....	*43,693*	*7,493.31*	*82,905.99*	*11.06*
Wheat.....	*40,259*	*5,146.01*	*54,309.43*	*10.55*
Maize.....	*229,361*	*88,034.65*	*2,361,982.34*	*26.83*
Sorghum.....	*144,912*	*38,731.33*	*1,016,561.74*	*26.25*
Finger millet.....	*35,596*	*6,245.61*	*122,252.11*	*19.57*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	*137,636*	*21,467.94*	*229,230.74*	
Faba beans..... .	*65,402*	*7,677.69*	*84,131.07*	*10.96*
Field peas.....	*31,712*	*5,648.96*	*36,740.42*	*6.5*
Haricot beans.....	*70,666*	*4,114.67*	*40,649.20*	*9.88*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	*	*
Soya beans.....	*16,646*	*	*	*
Fenugreek.....	*8,569*	*91.88*	*394.56*	*4.29*
Gibto.....	-	-	-	-
Oilseeds.....	*66,739*	*17,615.11*	*129,090.24*	
Neug.....	*30,275*	*7,851.77*	*37,993.59*	*4.84*
Linseed.....	*4,328*	*276.04*	*785.01*	*2.84*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*28,231*	*7,968.96*	*	*
Rape seed.....	*6,136*	*	*	*
Vegetables.....	*123,412*	*3,671.86*	*107,821.93*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*26,368*	*68.37*	*6,744.61*	*98.65*
Ethiopian Cabbage.....	*36,720*	*146.56*	*16,417.14*	*112.02*
Tomatoes.....	*3,099*	*	*	*
Green peppers.....	*37,879*	*150.67*	*13,443.01*	*89.22*
Red peppers.....	*60,856*	*3,295.38*	*70,125.74*	*21.28*
Swiss chard.....	*	*	*	*
Root Crops.....	*119,661*	*2,202.54*	*190,843.98*	
Beetroot.....	*26,741*	*43.35*	*4,603.84*	*106.2*
Carrot.....	*5,150*	*	*	*
Onion.....	*11,325*	*20.51*	*2,115.03*	*103.12*
Potatoes.....	*4,393*	*175.4*	*7,699.99*	*43.9*
Garlic.....	*16,590*	*29.17*	*2,892.81*	*99.17*
Taro/'Godere'.....	*60,712*	*793.62*	*68,076.69*	*85.78*
Sweet potatoes.....	*37,896*	*1,120.46*	*103,754.44*	*92.6*
Fruit Crops.....	*91,540*	*2,017.27*	*115,588.31*	
Avocados.....	*12,637*	*112.94*	*3,253.81*	*28.81*
Bananas.....	*60,901*	*711.38*	*35,569.11*	*50*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*31,654*	*343.27*	*24,660.42*	*71.84*
Oranges.....	*8,370*	*27.2*	*2,472.72*	*90.91*
Papayas.....	*24,362*	*134.64*	*36,949.54*	*274.43*
Pineapples.....	*	*	*	*
Chat.....	*78,798*	*2,251.31*	*23,593.71*	*10.48*
Coffee.....	*149,525*	*58,197.66*	*374,792.93*	*6.44*
Hops.....	*9,620*	*36.64*	*502.03*	*13.7*
Sugar Cane.....	*27,462*	*444*	*158,429.82*	*356.82*
Enset.....	*134,792*	*2,096.24*	*17,646.11*	*8.42*

Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Jimma

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	***551,831***	***515,522.93***	***8,882,594.50***	
Cereals.....	***545,386***	***452,225.70***	***8,156,637.14***	
Teff.....	*391,173*	*162,769.59*	*1,992,340.53*	*12.24*
Barley.....	*141,852*	*21,077.73*	*268,488.53*	*12.74*
Wheat.....	*157,021*	*42,351.56*	*601,855.08*	*14.21*
Maize.....	*375,334*	*161,042.98*	*4,202,404.37*	*26.09*
Sorghum.....	*247,154*	*62,236.42*	*1,054,599.27*	*16.95*
Finger millet.....	*11,469*	*	*	*
Oats/'Aja'.....	*11,600*	*	*15,545.09*	*
Rice.....	-	-	-	-
Pulses.....	*201,814*	*39,176.54*	*619,051.81*	
Faba beans..... .	*141,553*	*31,410.54*	*509,687.93*	*16.23*
Field peas.....	*36,912*	*5,768.39*	*94,074.94*	*16.31*
Haricot beans.....	*46,557*	*	*	*
Chick-peas.....	*3,106*	*	*	*
Lentils.....	*9,964*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	*124,676*	*24,120.68*	*106,905.54*	
Neug.....	*49,780*	*14,997.09*	*45,976.44*	*3.07*
Linseed.....	*58,786*	*2,972.87*	*15,711.52*	*5.28*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*7,392*	*433.28*	*	*
Vegetables.....	*326,774*	*3,200.58*	*232,770.85*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*28,873*	*67.36*	*7,423.41*	*110.21*
Ethiopian Cabbage.....	*275,272*	*1,520.82*	*165,587.35*	*108.88*
Tomatoes.....	*5,837*	*	*	*
Green peppers.....	*65,774*	*216.13*	*21,530.52*	*99.62*
Red peppers.....	*50,311*	*1,367.17*	*34,958.53*	*25.57*
Swiss chard.....	*	*	*	*
Root Crops.....	*284,550*	*5,988.41*	*367,792.36*	
Beetroot.....	*12,297*	*	*	*
Carrot.....	*2,345*	*	*	*
Onion.....	*8,971*	*	*	*
Potatoes.....	*10,486*	*131.14*	*11,106.19*	*84.69*
Garlic.....	*17,191*	*	*	*
Taro/'Godere'.....	*253,290*	*5,407.91*	*315,226.78*	*58.29*
Sweet potatoes.....	*23,137*	*166.12*	*12,517.12*	*75.35*
Fruit Crops.....	*294,049*	*5,069.97*	*469,674.07*	
Avocados.....	*137,999*	*1,044.92*	*83,061.06*	*79.49*
Bananas.....	*213,848*	*2,614.78*	*220,635.40*	*84.38*
Guavas.....	*36,672*	*115.51*	*2,071.09*	*17.93*
Lemons.....	*	*	*	*
Mangoes.....	*106,786*	*693.76*	*64,172.80*	*92.5*
Oranges.....	*39,259*	*364.61*	*59,395.05*	*162.9*
Papayas.....	*76,238*	*219.32*	*39,625.93*	*180.68*
Pineapples.....	*	*	*	*
Chat.....	*318,214*	*14,165.74*	*140,382.50*	*9.91*
Coffee.....	*358,934*	*107,546.27*	*837,785.43*	*7.79*
Hops.....	*11,456*	*	*	*
Sugar Cane.....	*138,859*	*1,334.85*	*566,272.10*	*424.22*
Enset.....	*467,544*	*16,470.10*	*339,745.20*	*20.63*

Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**439,829**	**591,501.79**	**11,262,435.49**	
Cereals.....	**438,969**	**505,933.99**	**10,114,313.27**	
Teff.....	263,679	181,018.54	2,486,516.29	13.74
Barley.....	147,523	70,440.35	1,112,367.64	15.79
Wheat.....	178,458	57,425.57	1,048,757.38	18.26
Maize.....	282,495	118,344.54	3,541,247.33	29.92
Sorghum.....	186,094	77,758.49	1,914,580.54	24.62
Finger millet.....	*	*	*	*
Oats/'Aja'.....	9,224	602.09	7,249.99	12.04
Rice.....	*	*	-	-
Pulses.....	**186,207**	**59,144.19**	**973,006.79**	
Faba beans..... .	132,874	20,255.58	361,941.09	17.87
Field peas.....	34,793	7,829.51	129,344.28	16.52
Haricot beans.....	*	*	*	*
Chick-peas.....	36,717	*	*	*
Lentils.....	12,212	*	*	*
Grass Peas.....	42,490	12,666.14	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	9,830	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	**59,699**	**26,423.60**	**175,115.43**	
Neug.....	36,657	22,721.21	126,438.02	5.56
Linseed.....	13,586	2,713.52	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	14,515	450.48	5,046.50	11.2
Vegetables.....	**160,166**	*****	**352,768.13**	
Lettuce.....	*	*	-	-
Head Cabbage.....	14,784	*	*	*
Ethiopian Cabbage.....	64,302	487.85	54,467.97	111.65
Tomatoes.....	*	*	*	*
Green peppers.....	36,818	93.2	8,071.71	86.61
Red peppers.....	65,336	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	**165,068**	**6,525.01**	**515,442.51**	
Beetroot.....	17,511	*	*	*
Carrot.....	4,989	2.88	388.89	135.03
Onion.....	35,891	*	*	*
Potatoes.....	56,787	4,685.69	337,978.80	72.13
Garlic.....	104,705	827.81	93,285.93	112.69
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	6,644	*	*	*
Fruit Crops.....	**26,014**	**278.97**	**17,175.70**	
Avocados.....	-	-	-	-
Bananas.....	18,654	218.36	12,844.14	58.82
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**12,693**	*****	*****	*****
Coffee.....	**13,252**	*****	*****	*****
Hops.....	**79,752**	**464.89**	**11,636.26**	**25.03**
Sugar Cane.....	**17,594**	**452.49**	**45,017.93**	**99.49**
Enset.....	**133,360**	**3,200.41**	**26,899.48**	**8.41**

Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	301,821	463,085.69	6,844,546.77	
Cereals.....	297,895	381,514.15	5,649,966.65	
Teff.....	206,821	147,300.40	2,044,701.26	13.88
Barley.....	115,613	86,982.86	1,085,331.95	12.48
Wheat.....	151,926	75,280.51	997,170.18	13.25
Maize.....	100,183	7,305.61	168,790.99	23.1
Sorghum.....	113,615	62,751.57	1,336,104.90	21.29
Finger millet.....	*	*	*	*
Oats/'Aja'.....	12,106	1,495.94	15,913.32	10.64
Rice.....	*	*	-	-
Pulses.....	170,471	76,119.08	1,163,823.23	
Faba beans..... .	129,337	39,648.10	603,114.86	15.21
Field peas.....	29,901	6,118.55	86,521.40	14.14
Haricot beans.....	*	*	*	*
Chick-peas.....	29,500	10,118.49	160,351.77	15.85
Lentils.....	33,843	7,705.45	97,852.01	12.7
Grass Peas.....	51,885	12,365.79	214,443.49	17.34
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	27,552	5,452.47	30,756.89	
Neug.....	14,042	3,822.92	19,379.67	5.07
Linseed.....	9,767	1,590.12	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	*	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	56,922	262.91	24,444.89	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	40,553	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	10,608	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	1.23	99.53	80.92
Root Crops.....	75,720	*	*	
Beetroot.....	2,506	*	*	*
Carrot.....	*	*	*	*
Onion.....	7,111	*	*	*
Potatoes.....	15,250	*	*	*
Garlic.....	64,931	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	40,254	247.89	4,761.90	19.21
Sugar Cane.....	*	*	*	*
Enset.....	4,271	*	*	*

Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

East Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	278,058	434,451.08	7,548,911.62	
Cereals.....	270,818	369,730.46	6,430,924.31	
Teff.....	201,234	194,027.13	2,705,780.81	13.95
Barley.....	54,968	10,656.54	132,926.43	12.47
Wheat.....	112,544	55,035.46	978,162.99	17.77
Maize.....	173,703	88,826.36	2,123,350.42	23.9
Sorghum.....	48,677	21,064.10	489,115.45	23.22
Finger millet.....	-	-	-	-
Oats/'Aja'.....	2,297	*	*	*
Rice.....	-	-	-	-
Pulses.....	150,246	64,539.23	1,116,798.69	
Faba beans..... .	61,795	9,726.31	163,673.00	16.83
Field peas.....	14,337	2,832.19	47,714.64	16.85
Haricot beans.....	76,389	21,460.76	366,296.69	17.07
Chick-peas.....	40,723	17,271.34	340,707.07	19.73
Lentils.....	38,680	9,982.66	145,073.13	14.53
Grass Peas.....	17,413	3,086.76	51,340.14	16.63
Soya beans.....	-	-	-	-
Fenugreek.....	2,655	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	4,206	*	*	
Neug.....	-	-	-	-
Linseed.....	1,972	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	40,452	1,782.43	181,673.36	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	27,730	723.29	72,147.92	99.75
Tomatoes.....	5,080	655.24	73,058.84	111.5
Green peppers.....	12,843	68.89	6,338.38	92.01
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	28,575	1,694.43	166,014.62	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	12,033	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	15,425	45.37	5,643.10	124.38
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	5,407	26.94	*	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	2,673	5.71	494.64	86.63
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	2,571	*	*	*
Hops.....	25,817	572	14,620.24	25.56
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	494,696	566,477.27	11,725,845.45	
Cereals.....	486,117	492,426.29	10,601,802.52	
Teff.....	203,656	82,352.18	1,046,915.49	12.71
Barley.....	233,474	103,139.19	2,450,042.65	23.75
Wheat.....	302,897	199,852.85	4,385,513.41	21.94
Maize.....	233,535	71,786.76	1,772,401.56	24.69
Sorghum.....	128,795	33,904.25	931,068.44	27.46
Finger millet.....	-	-	-	-
Oats/'Aja'.....	17,259	1,391.06	15,860.97	11.4
Rice.....	-	-	-	-
Pulses.....	251,193	59,966.63	985,349.30	
Faba beans..... .	178,576	33,712.18	632,777.16	18.77
Field peas.....	61,059	14,410.03	186,550.55	12.95
Haricot beans.....	52,133	8,533.76	125,644.85	14.72
Chick-peas.....	6,894	648.66	7,455.11	11.49
Lentils.....	18,537	1,289.12	12,864.21	9.98
Grass Peas.....	8,378	714.58	13,164.00	18.42
Soya beans.....	*	*	*	*
Fenugreek.....	8,631	573.68	*	*
Gibto.....	-	-	-	-
Oilseeds.....	58,837	14,084.35	138,693.64	
Neug.....	8,831	*	4,036.58	*
Linseed.....	46,711	12,261.11	126,317.01	10.3
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	3,593	*	*	*
Vegetables.....	90,919	1,912.93	133,543.47	
Lettuce.....	-	-	-	-
Head Cabbage.....	10,908	*	*	*
Ethiopian Cabbage.....	58,526	648.72	67,174.53	103.55
Tomatoes.....	*	*	*	*
Green peppers.....	22,342	175.59	17,058.66	97.15
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	117,021	12,150.22	836,196.52	
Beetroot.....	16,009	194.84	19,145.05	98.26
Carrot.....	18,048	*	*	*
Onion.....	29,409	*	*	*
Potatoes.....	23,235	1,668.24	124,166.96	74.43
Garlic.....	32,736	972.03	135,714.71	139.62
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	21,997	*	*	*
Fruit Crops.....	16,086	*	*	
Avocados.....	-	-	-	-
Bananas.....	10,270	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	45,589	3,233.47	22,375.63	6.92
Coffee.....	56,469	7,190.38	56,732.13	7.89
Hops.....	26,915	289.76	5,998.04	20.7
Sugar Cane.....	*	*	*	*
Enset.....	28,710	268.56	7,002.21	26.07

Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

West Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	366,645	231,169.76	4,158,746.26	
Cereals.....	364,914	207,385.40	3,798,798.43	
Teff.....	84,971	17,431.84	162,108.94	9.3
Barley.....	81,253	4,954.01	69,508.84	14.03
Wheat.....	43,505	3,931.96	63,442.68	16.14
Maize.....	297,355	54,389.22	1,029,673.55	18.93
Sorghum.....	291,673	124,807.74	2,444,459.83	19.59
Finger millet.....	24,019	1,667.59	27,853.56	16.7
Oats/'Aja'.....	9,487	203.04	1,751.03	8.62
Rice.....	-	-	-	-
Pulses.....	185,416	19,320.36	284,935.02	
Faba beans..... .	25,748	1,506.69	17,036.90	11.31
Field peas.....	11,352	579.58	3,786.06	6.53
Haricot beans.....	147,287	14,664.54	240,483.90	16.4
Chick-peas.....	15,300	1,212.30	15,452.69	12.75
Lentils.....	13,724	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	33,286	613.22	3,316.01	5.41
Gibto.....	-	-	-	-
Oilseeds.....	75,141	4,464.00	*	
Neug.....	*	*	*	*
Linseed.....	38,726	640.41	3,159.19	4.93
Groundnuts.....	13,942	*	*	*
Safflower.....	-	-	-	-
Sesame.....	21,908	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	84,713	4,818.40	200,959.88	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	2,243	6.36	656.16	103.17
Tomatoes.....	8,363	*	*	*
Green peppers.....	23,269	85.4	8,074.13	94.54
Red peppers.....	53,643	3,934.59	98,364.63	25
Swiss chard.....	*	*	*	*
Root Crops.....	210,544	13,843.65	938,379.41	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	54,422	2,498.50	290,000.63	116.07
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	174,043	11,035.04	625,907.36	56.72
Fruit Crops.....	53,334	907.25	57,207.59	
Avocados.....	*	*	*	*
Bananas.....	38,371	800.98	50,037.06	62.47
Guavas.....	9,369	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	6,239	*	*	*
Oranges.....	*	*	*	*
Papayas.....	5,958	22.79	3,988.14	175
Pineapples.....	-	-	-	-
Chat.....	247,192	32,145.23	202,193.52	6.29
Coffee.....	145,738	17,821.68	93,207.37	5.23
Hops.....	5,033	*	*	*
Sugar Cane.....	26,784	939.75	441,174.28	469.46
Enset.....	-	-	-	-

Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

East Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	572,335	255,225.01	4,801,428.21	
Cereals.....	571,754	215,879.01	4,328,610.74	
Teff.....	73,051	10,652.04	*	*
Barley.....	89,879	4,565.75	73,499.10	16.1
Wheat.....	139,475	12,031.93	188,545.61	15.67
Maize.....	446,604	53,677.61	1,190,226.22	22.17
Sorghum.....	435,774	133,752.09	2,724,690.61	20.37
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	209,135	13,846.19	212,646.84	
Faba beans..... .	49,341	4,437.28	56,520.06	12.74
Field peas.....	13,359	1,492.94	*	*
Haricot beans.....	136,806	6,226.56	115,643.03	18.57
Chick-peas.....	*	*	*	*
Lentils.....	13,264	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	58,187	1,182.83	11,872.31	10.04
Gibto.....	-	-	-	-
Oilseeds.....	164,765	25,499.81	260,170.63	
Neug.....	*	*	-	-
Linseed.....	63,817	3,134.62	24,980.95	7.97
Groundnuts.....	98,402	21,527.12	224,410.04	10.42
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	20,717	152.72	11,270.67	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	10,854	48.35	4,292.46	88.78
Red peppers.....	4,731	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	310,928	13,449.43	1,204,962.33	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	9,663	*	*	*
Potatoes.....	41,969	1,935.68	180,908.92	93.46
Garlic.....	16,642	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	275,572	11,066.69	963,687.46	87.08
Fruit Crops.....	83,693	1,211.89	72,171.92	
Avocados.....	17,804	*	*	*
Bananas.....	50,714	842.85	53,344.12	63.29
Guavas.....	7,353	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	9,220	*	*	*
Oranges.....	*	*	*	*
Papayas.....	7,884	*	*	*
Pineapples.....	-	-	-	-
Chat.....	505,215	77,424.59	789,730.81	10.2
Coffee.....	140,474	5,736.30	41,989.71	7.32
Hops.....	*	*	*	*
Sugar Cane.....	20,831	*	*	*
Enset.....	*	*	*	*

Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Bale

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*267,823*	*311,451.07*	*5,518,260.22*	
Cereals.....	*255,248*	*260,983.73*	*4,952,196.64*	
Teff.....	*92,412*	*41,286.22*	*474,547.65*	*11.49*
Barley.....	*111,638*	*47,251.06*	*786,993.43*	*16.66*
Wheat.....	*150,763*	*118,832.72*	*2,755,765.71*	*23.19*
Maize.....	*107,098*	*26,809.08*	*487,554.60*	*18.19*
Sorghum.....	*38,036*	*9,263.82*	*142,863.52*	*15.42*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*62,076*	*17,464.01*	*304,471.73*	*17.43*
Rice.....	*	*	-	-
Pulses.....	*86,611*	*20,913.85*	*295,008.17*	
Faba beans..... .	*34,929*	*8,794.90*	*163,275.18*	*18.56*
Field peas.....	*22,266*	*5,571.21*	*76,713.90*	*13.77*
Haricot beans.....	*36,730*	*3,160.38*	*25,935.59*	*8.21*
Chick-peas.....	*	*	*	*
Lentils.....	*9,493*	*937.33*	*9,474.42*	*10.11*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*8,292*	*728.37*	*7,654.82*	*10.51*
Gibto.....	*	*	-	-
Oilseeds.....	*55,385*	*29,553.49*	*271,055.40*	
Neug.....	*	*	*	*
Linseed.....	*23,255*	*10,412.51*	*137,584.44*	*13.21*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*30,791*	*18,855.25*	*132,522.80*	*7.03*
Rape seed.....	*	*	*	*
Vegetables.....	*34,275*	*	*75,568.91*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*2,454*	*	*	*
Ethiopian Cabbage.....	*19,515*	*263.54*	*26,583.26*	*100.87*
Tomatoes.....	*	*	*	*
Green peppers.....	*8,284*	*134.72*	*12,122.21*	*89.98*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	*25,297*	*1,934.38*	*92,029.32*	
Beetroot.....	*1,171*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*9,458*	*484.07*	*41,929.88*	*86.62*
Potatoes.....	*5,024*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*24,952*	*1,396.41*	*125,811.58*	
Avocados.....	*	*	*	*
Bananas.....	*15,676*	*558.42*	*41,150.30*	*73.69*
Guavas.....	*1,547*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*8,946*	*321.39*	*8,706.50*	*27.09*
Oranges.....	*6,953*	*265.19*	*49,696.15*	*187.4*
Papayas.....	*6,912*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*42,391*	*10,753.45*	*71,295.34*	*6.63*
Coffee.....	*49,808*	*12,092.86*	*84,529.09*	*6.99*
Hops.....	*9,990*	*	*	*
Sugar Cane.....	*5,018*	*	*	*
Enset.....	*	*	*	*

Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Borena

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*108,482*	*36,244.61*	*537,687.90*	
Cereals.....	*90,719*	*25,887.20*	*357,853.84*	
Teff.....	*19,031*	*3,233.37*	*28,507.51*	*8.82*
Barley.....	*12,942*	*	*	*
Wheat.....	*19,462*	*3,482.39*	*	*
Maize.....	*64,670*	*9,703.27*	*177,698.37*	*18.31*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*75,311*	*10,357.41*	*179,834.06*	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	*71,267*	*9,368.32*	*175,587.13*	*18.74*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*50,540*	*923.46*	*79,378.36*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*45,461*	*880.75*	*77,153.95*	*87.6*
Tomatoes.....	*	*	*	*
Green peppers.....	*5,102*	*20.81*	*1,457.85*	*70.06*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*32,626*	*1,094.58*	*108,937.48*	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*25,468*	*965.89*	*98,221.18*	*101.69*
Fruit Crops.....	*42,323*	*743.26*	*39,861.63*	
Avocados.....	*10,966*	*79.58*	*5,218.31*	*65.57*
Bananas.....	*28,286*	*556.94*	*24,160.09*	*43.38*
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	*12,741*	*	*	*
Coffee.....	*79,961*	*12,569.23*	*125,943.65*	*10.02*
Hops.....	*	*	*	*
Sugar Cane.....	*8,080*	*366.61*	*164,121.15*	*447.67*
Enset.....	*81,931*	*7,084.49*	*149,121.48*	*21.05*

Table 7.13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

South West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*260,995*	*332,970.73*	*5,440,685.28*	
Cereals.....	*256,151*	*257,103.95*	*4,354,747.74*	
Teff.....	*189,310*	*143,142.29*	*2,078,189.43*	*14.52*
Barley.....	*81,099*	*20,439.68*	*313,695.53*	*15.35*
Wheat.....	*164,868*	*65,386.33*	*1,281,821.27*	*19.6*
Maize.....	*135,929*	*20,981.09*	*580,375.89*	*27.66*
Sorghum.....	*36,535*	*6,940.22*	*96,064.34*	*13.84*
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	*181,358*	*72,119.81*	*1,062,485.79*	
Faba beans..... .	*111,299*	*11,298.67*	*177,062.65*	*15.67*
Field peas.....	*46,657*	*9,783.21*	*139,226.54*	*14.23*
Haricot beans.....	*11,158*	*	*	*
Chick-peas.....	*74,888*	*34,118.67*	*486,760.73*	*14.27*
Lentils.....	*29,559*	*3,501.36*	*35,173.97*	*10.05*
Grass Peas.....	*51,973*	*10,937.26*	*191,401.15*	*17.5*
Soya beans.....	*	*	-	-
Fenugreek.....	*3,522*	*92.92*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*35,936*	*3,746.97*	*23,451.75*	
Neug.....	*12,739*	*	*9,994.54*	*
Linseed.....	*6,297*	*1,120.73*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*17,019*	*222.31*	*1,520.59*	*6.84*
Vegetables.....	*124,941*	*	*158,226.96*	
Lettuce.....	*	*	-	-
Head Cabbage.....	*7,723*	*30.21*	*3,035.34*	*100.47*
Ethiopian Cabbage.....	*89,265*	*370.31*	*45,392.90*	*122.58*
Tomatoes.....	*2,027*	*	*	*
Green peppers.....	*48,977*	*195.58*	*19,551.80*	*99.97*
Red peppers.....	*	*	*	*
Swiss chard.....	*4,301*	*	*	*
Root Crops.....	*83,913*	*1,036.48*	*85,826.98*	
Beetroot.....	*16,774*	*41.99*	*4,379.28*	*104.29*
Carrot.....	*3,803*	*8.76*	*1,182.39*	*134.98*
Onion.....	*9,857*	*28.28*	*2,715.03*	*96.01*
Potatoes.....	*31,298*	*725.74*	*52,347.79*	*72.13*
Garlic.....	*46,000*	*212.92*	*23,993.82*	*112.69*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*22,805*	*108.1*	*7,099.20*	
Avocados.....	*5,806*	*	*	*
Bananas.....	*13,780*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*46,384*	*1,962.13*	*17,070.52*	*8.7*
Coffee.....	*20,165*	*151.82*	*871.43*	*5.74*
Hops.....	*50,011*	*	*	*
Sugar Cane.....	*15,997*	*71.37*	*7,100.81*	*99.49*
Enset.....	*147,419*	*8,835.40*	*67,246.27*	*7.61*

Table 7.14 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Guji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*202,530*	*123,854.31*	*1,864,357.23*	
Cereals.....	*174,957*	*99,652.16*	*1,535,845.24*	
Teff.....	*43,670*	*16,220.78*	*170,146.27*	*10.49*
Barley.....	*76,966*	*34,146.99*	*472,428.81*	*13.84*
Wheat.....	*38,327*	*15,514.39*	*186,314.27*	*12.01*
Maize.....	*119,359*	*33,552.66*	*705,951.46*	*21.04*
Sorghum.....	*	*	*	*
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*106,571*	*24,148.31*	*327,933.62*	
Faba beans..... .	*52,180*	*5,838.55*	*116,344.60*	*19.93*
Field peas.....	*12,424*	*2,947.06*	*49,058.06*	*16.65*
Haricot beans.....	*56,055*	*15,361.68*	*162,530.97*	*10.58*
Chick-peas.....	*	*	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	*107,232*	*2,087.59*	*179,768.43*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*102,815*	*1,972.34*	*172,776.75*	*87.6*
Tomatoes.....	-	-	-	-
Green peppers.....	*7,209*	*70.52*	*4,940.16*	*70.05*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*25,746*	*676.66*	*67,487.32*	
Beetroot.....	*3,043*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*6,311*	*288.54*	*22,762.83*	*78.89*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*6,244*	*	*	*
Fruit Crops.....	*39,349*	*1,518.67*	*118,158.97*	
Avocados.....	*15,973*	*397.39*	*26,056.64*	*65.57*
Bananas.....	*25,779*	*942.93*	*78,763.26*	*83.53*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*12,176*	*	*	*
Coffee.....	*97,749*	*28,573.27*	*286,304.13*	*10.02*
Hops.....	*	*	*	*
Sugar Cane.....	*14,374*	*547.19*	*244,961.37*	*447.67*
Enset.....	*181,307*	*34,014.00*	*660,962.19*	*19.43*

Table 7.15 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Kelem

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	159,618	147,438.78	3,072,034.13	
Cereals.....	158,685	127,180.16	2,827,128.97	
Teff.....	52,150	14,877.28	183,395.07	12.33
Barley.....	35,043	3,351.34	39,345.11	11.74
Wheat.....	37,394	6,480.99	101,365.69	15.64
Maize.....	150,817	53,985.33	1,444,758.82	26.76
Sorghum.....	120,120	30,680.49	706,063.94	23.01
Finger millet.....	90,793	17,647.01	350,407.43	19.86
Oats/'Aja'.....	1,519	*	*	*
Rice.....	1,371	50.76	*	*
Pulses.....	91,734	13,076.51	184,727.66	
Faba beans..... .	42,305	4,436.13	74,425.66	16.78
Field peas.....	19,975	2,535.14	33,192.28	13.09
Haricot beans.....	50,329	4,102.82	59,442.19	14.49
Chick-peas.....	9,900	1,576.82	14,620.14	9.27
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	9,984	187.84	1,110.37	5.91
Gibto.....	*	*	-	-
Oilseeds.....	39,774	7,182.11	60,177.50	
Neug.....	17,168	3,296.56	*	*
Linseed.....	2,523	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	15,501	*	*	*
Rape seed.....	8,496	337.04	6,322.43	18.76
Vegetables.....	80,106	6,138.34	152,753.82	
Lettuce.....	*	*	*	*
Head Cabbage.....	8,396	72.35	4,961.78	68.58
Ethiopian Cabbage.....	9,227	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	8,115	101.29	9,702.97	95.79
Red peppers.....	66,375	5,812.70	122,822.34	21.13
Swiss chard.....	*	*	*	*
Root Crops.....	51,727	884.44	76,514.08	
Beetroot.....	5,291	20.8	2,744.06	131.93
Carrot.....	1,578	6.98	536.52	76.87
Onion.....	5,398	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	6,212	39.56	3,639.66	92
Taro/'Godere'.....	23,219	182.14	15,458.62	84.87
Sweet potatoes.....	22,207	394.03	33,571.43	85.2
Fruit Crops.....	68,284	1,113.62	87,475.25	
Avocados.....	4,945	31.65	2,189.27	69.17
Bananas.....	56,925	878.82	65,586.39	74.63
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	22,813	177.34	15,047.66	84.85
Oranges.....	*	*	*	*
Papayas.....	7,753	23.8	4,550.29	191.19
Pineapples.....	*	*	*	*
Chat.....	23,661	934.93	9,741.94	10.42
Coffee.....	115,619	33,872.68	213,059.18	6.29
Hops.....	6,106	43.03	482.81	11.22
Sugar Cane.....	6,587	113.3	39,500.33	348.63
Enset.....	44,816	346.21	2,635.02	7.61

Table 7.16 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Horoguduru

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*114,985*	*256,158.89*	*4,127,502.85*	
Cereals.....	*114,389*	*185,113.30*	*3,514,846.24*	
Teff.....	*83,668*	*72,220.03*	*891,098.21*	*12.34*
Barley.....	*44,968*	*12,209.66*	*178,705.98*	*14.64*
Wheat.....	*64,839*	*33,017.56*	*582,749.40*	*17.65*
Maize.....	*101,935*	*50,316.78*	*1,479,779.43*	*29.41*
Sorghum.....	*23,864*	*15,127.72*	*348,586.12*	*23.04*
Finger millet.....	*7,074*	*	*	*
Oats/'Aja'.....	*2,969*	*136.39*	*1,586.99*	*11.64*
Rice.....	*	*	-	-
Pulses.....	*65,478*	*16,139.36*	*223,909.87*	
Faba beans..... .	*46,222*	*8,060.71*	*123,725.33*	*15.35*
Field peas.....	*33,691*	*7,028.56*	*83,220.70*	*11.84*
Haricot beans.....	*5,967*	*550.03*	*8,545.85*	*15.54*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*12,738*	*94.15*	*541.85*	*5.76*
Gibto.....	-	-	-	-
Oilseeds.....	*78,841*	*54,906.24*	*388,746.74*	
Neug.....	*55,317*	*41,831.11*	*265,796.32*	*6.35*
Linseed.....	*3,676*	*1,196.73*	*	*
Groundnuts.....	*7,987*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*19,457*	*9,168.64*	*	*
Rape seed.....	*22,377*	*759.76*	*13,291.60*	*17.49*
Vegetables.....	*34,773*	*344.3*	*18,312.90*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*2,314*	*7.75*	*417.32*	*53.85*
Ethiopian Cabbage.....	*923*	*3.63*	*362.67*	*99.91*
Tomatoes.....	-	-	-	-
Green peppers.....	*18,692*	*146.83*	*13,489.16*	*91.87*
Red peppers.....	*13,795*	*186.09*	*4,043.74*	*21.73*
Swiss chard.....	-	-	-	-
Root Crops.....	*46,291*	*439.55*	*47,103.81*	
Beetroot.....	*3,387*	*6.05*	*508.32*	*84.02*
Carrot.....	*	*	*	*
Onion.....	*10,122*	*65.47*	*6,064.26*	*92.63*
Potatoes.....	*3,340*	*	*	*
Garlic.....	*38,623*	*221.36*	*29,502.42*	*133.28*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*2,805*	*	*	*
Fruit Crops.....	*9,221*	*94.7*	*5,949.65*	
Avocados.....	-	-	-	-
Bananas.....	*5,881*	*47.3*	*1,690.65*	*35.74*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*2,497*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*7,107*	*45.63*	*521.58*	*11.43*
Coffee.....	*9,814*	*	*	*
Hops.....	*29,237*	*453.1*	*8,794.73*	*19.41*
Sugar Cane.....	*6,473*	*304.4*	*16,988.32*	*55.81*
Enset.....	*2,614*	*21.73*	*165.42*	*7.61*

Table 7.17 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

West Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	347,249	314,967.92	7,259,431.82	
Cereals.....	340,056	295,209.49	6,893,377.43	
Teff.....	61,851	23,639.53	340,430.11	14.4
Barley.....	167,617	77,362.74	1,902,928.18	24.6
Wheat.....	150,078	109,438.50	2,348,328.16	21.46
Maize.....	205,330	74,705.84	2,122,187.87	28.41
Sorghum.....	41,122	6,754.40	*	*
Finger millet.....	33,537	2,999.19	34,860.56	11.62
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	90,925	16,184.51	320,225.74	
Faba beans..... .	28,434	2,612.99	47,212.78	18.07
Field peas.....	*	*	*	*
Haricot beans.....	60,796	11,432.55	*	*
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	10,515	3,573.93	*	
Neug.....	-	-	-	-
Linseed.....	8,330	3,510.48	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	150,859	2,661.10	267,428.96	
Lettuce.....	*	*	-	-
Head Cabbage.....	11,995	*	*	*
Ethiopian Cabbage.....	139,009	1,442.99	166,736.92	115.55
Tomatoes.....	*	*	*	*
Green peppers.....	20,780	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	124,507	13,425.82	1,008,568.74	
Beetroot.....	17,531	*	*	*
Carrot.....	3,818	*	*	*
Onion.....	12,837	*	*	*
Potatoes.....	93,978	12,518.54	931,754.66	74.43
Garlic.....	17,162	135.44	18,910.68	139.62
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	4,832	*	*	*
Fruit Crops.....	21,569	*	*	
Avocados.....	6,286	*	*	*
Bananas.....	16,100	*	*	*
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	1,892	*	*	*
Pineapples.....	-	-	-	-
Chat.....	5,057	*	*	*
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	154,214	15,861.88	413,566.70	26.07

Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Somali Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	99,665	70,212.35	1,127,660.48	
Cereals.....	99,388	67,922.29	1,059,696.82	
Teff.....	*	*	-	-
Barley.....	3,822	*	*	*
Wheat.....	10,251	4,279.81	73,360.86	17.14
Maize.....	77,751	28,094.49	492,640.60	17.54
Sorghum.....	63,796	34,608.39	483,801.68	13.98
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	7,396	*	*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	7,237	*	*	*
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	5,996	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	674	*	894.74	*
Red peppers.....	*	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	5,627	*	*	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	1,846	*	*	*
Fruit Crops.....	5,866	301.87	31,400.59	
Avocados.....	-	-	-	-
Bananas.....	1,710	*	*	*
Guavas.....	1,590	*	*	*
Lemons.....	1,427	47.9	1,902.44	39.72
Mangoes.....	1,600	45.77	5,169.39	112.94
Oranges.....	1,483	90.07	17,202.06	190.99
Papayas.....	1,454	*	*	*
Pineapples.....	-	-	-	-
Chat.....	18,446	4,737.81	45,634.29	9.63
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Shinele

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*7,053*	*2,506.94*	*24,123.46*	
Cereals.....	*7,053*	*2,498.11*	*24,096.47*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*3,279*	*	*6,522.65*	*
Sorghum.....	*6,123*	*1,912.89*	*17,573.83*	*9.19*
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.....	*612*	*20.2*	*1,812.66*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*575*	*20.15*	*1,806.77*	*89.67*
Fruit Crops.....	*2,359*	*182.7*	*24,418.05*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*1,265*	*40.08*	*1,588.04*	*39.62*
Mangoes.....	*893*	*35.59*	*3,934.61*	*110.55*
Oranges.....	*1,483*	*90.07*	*17,202.06*	*190.99*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*1,880*	*258.78*	*2,859.56*	*11.05*
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Jijiga

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	76,501	63,419.04	1,007,893.42	
Cereals.....	76,224	61,357.72	941,983.71	
Teff.....	*	*	-	-
Barley.....	3,822	*	*	*
Wheat.....	10,251	4,279.81	73,360.86	17.14
Maize.....	58,522	23,500.26	392,501.31	16.7
Sorghum.....	57,513	32,638.50	466,227.86	14.28
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.....	5,771	*	*	
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.....	16,566	4,479.03	42,774.73	9.55
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Liben

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*16,111*	*4,286.37*	*95,643.60*	
Cereals.....	*16,111*	*4,066.46*	*93,616.64*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*15,951*	*4,009.47*	*93,616.64*	*23.35*
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.....	*2,550*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	*1,385*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Benishangul-Gumuz Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	202,358	227,568.98	3,674,707.94	
Cereals.....	199,817	168,190.70	3,064,309.83	
Teff.....	48,475	23,648.11	231,072.90	9.77
Barley.....	7,777	1,264.49	14,440.57	11.42
Wheat.....	8,569	2,690.40	29,841.65	11.09
Maize.....	178,331	43,855.14	1,172,924.62	26.75
Sorghum.....	139,690	66,575.66	1,176,088.68	17.67
Finger millet.....	55,969	29,472.09	426,257.01	14.46
Oats/'Aja'.....	*	*	*	*
Rice.....	2,861	*	*	*
Pulses.....	57,626	11,008.79	162,002.69	
Faba beans..... .	8,707	794.65	14,156.72	17.82
Field peas.....	4,627	504.82	*	*
Haricot beans.....	31,887	5,966.06	89,031.50	14.92
Chick-peas.....	5,495	263.66	1,013.29	3.84
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	14,429	*	*	*
Fenugreek.....	1,014	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	113,127	48,369.49	448,395.41	
Neug.....	30,263	7,804.95	36,186.80	4.64
Linseed.....	8,267	439.59	2,090.33	4.76
Groundnuts.....	34,653	9,968.73	158,211.51	15.87
Safflower.....	*	*	*	*
Sesame.....	76,388	30,005.88	250,087.46	8.33
Rape seed.....	*	*	323.97	*
Vegetables.....	65,319	1,432.32	54,598.22	
Lettuce.....	*	*	*	*
Head Cabbage.....	3,263	15.04	1,857.25	123.49
Ethiopian Cabbage.....	6,126	61.48	*	*
Tomatoes.....	2,561	*	*	*
Green peppers.....	9,212	*	*	*
Red peppers.....	49,646	1,110.03	24,469.21	22.04
Swiss chard.....	*	*	-	-
Root Crops.....	49,997	1,023.53	113,833.62	
Beetroot.....	2,740	9.28	1,190.65	128.3
Carrot.....	669	*	*	*
Onion.....	8,640	121.15	*	*
Potatoes.....	4,679	*	*	*
Garlic.....	13,210	56.08	6,620.62	118.06
Taro/'Godere'.....	3,783	15.46	773.44	50.03
Sweet potatoes.....	29,518	505.89	53,538.10	105.83
Fruit Crops.....	72,891	1,064.92	97,829.36	
Avocados.....	1,100	2.59	32.12	12.4
Bananas.....	26,460	345.26	28,183.00	81.63
Guavas.....	6,820	*	*	*
Lemons.....	7,650	21.43	1,129.80	52.72
Mangoes.....	52,965	555.44	52,954.98	95.34
Oranges.....	11,136	43.37	2,341.71	53.99
Papayas.....	15,191	57.8	12,651.19	218.88
Pineapples.....	*	*	-	-
Chat.....	15,520	531.66	5,657.41	10.64
Coffee.....	30,682	858.02	4,619.21	5.38
Hops.....	15,847	72.6	1,680.32	23.14
Sugar Cane.....	5,591	120.29	*	*
Enset.....	773	3.56	-	-

Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Metekel

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*83,210*	*135,411.95*	*2,086,707.15*	
Cereals.....	*81,492*	*98,870.90*	*1,676,065.39*	
Teff.....	*26,115*	*19,130.49*	*209,396.16*	*10.95*
Barley.....	*5,985*	*1,128.29*	*13,367.19*	*11.85*
Wheat.....	*7,354*	*2,586.32*	*28,902.90*	*11.18*
Maize.....	*70,291*	*20,214.15*	*551,728.31*	*27.29*
Sorghum.....	*37,660*	*29,680.92*	*468,077.38*	*15.77*
Finger millet.....	*32,099*	*25,493.47*	*391,128.39*	*15.34*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	*32,928*	*8,022.11*	*127,558.43*	
Faba beans..... .	*7,772*	*737.5*	*13,554.90*	*18.38*
Field peas.....	*4,484*	*502.43*	*	*
Haricot beans.....	*20,565*	*4,713.32*	*70,251.59*	*14.9*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	*48,166*	*28,518.94*	*283,083.33*	
Neug.....	*5,379*	*2,200.78*	*	*
Linseed.....	*1,930*	*	*	*
Groundnuts.....	*21,505*	*9,313.80*	*152,043.46*	*16.32*
Safflower.....	*	*	*	*
Sesame.....	*37,442*	*16,606.78*	*119,060.11*	*7.17*
Rape seed.....	*	*	*	*
Vegetables.....	*32,849*	*501.92*	*17,995.76*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*709*	*	*	*
Tomatoes.....	-	-	-	-
Green peppers.....	*4,873*	*	*	*
Red peppers.....	*27,131*	*461.47*	*13,493.53*	*29.24*
Swiss chard.....	*	*	-	-
Root Crops.....	*19,356*	*535.75*	*59,651.01*	
Beetroot.....	*1,235*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*3,122*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*11,007*	*49.95*	*6,093.55*	*121.99*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*6,327*	*	*	*
Fruit Crops.....	*15,087*	*158.5*	*17,917.83*	
Avocados.....	-	-	-	-
Bananas.....	*4,211*	*68.04*	*4,438.18*	*65.23*
Guavas.....	*	*	*	*
Lemons.....	*903*	*2.38*	*231.58*	*97.3*
Mangoes.....	*8,085*	*58.07*	*6,313.72*	*108.73*
Oranges.....	*	*	*	*
Papayas.....	*5,883*	*27.93*	*6,758.34*	*241.97*
Pineapples.....	-	-	-	-
Chat.....	*1,585*	*	*	*
Coffee.....	*5,499*	*	*	*
Hops.....	*8,806*	*47.95*	*960.95*	*20.04*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Asosa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	84,134	52,168.64	803,248.27	
Cereals.....	84,134	41,669.28	697,966.76	
Teff.....	18,156	3,796.05	17,202.44	4.53
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	76,368	11,432.72	296,687.59	25.95
Sorghum.....	73,142	23,234.96	358,784.10	15.44
Finger millet.....	18,429	3,160.98	25,105.07	7.94
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	14,826	1,772.42	13,958.90	
Faba beans..... .	*	*	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	*	*
Chick-peas.....	4,941	229.76	839.49	3.65
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	9,738	1,186.86	9,481.09	7.99
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	41,795	8,726.95	91,322.61	
Neug.....	20,672	5,122.10	24,018.60	4.69
Linseed.....	4,398	119.47	376.14	3.15
Groundnuts.....	9,737	533.67	4,903.90	9.19
Safflower.....	*	*	*	*
Sesame.....	19,330	2,943.16	*	*
Rape seed.....	-	-	-	-
Vegetables.....	24,524	676.68	20,601.18	
Lettuce.....	*	*	*	*
Head Cabbage.....	2,685	8.9	1,160.93	130.44
Ethiopian Cabbage.....	3,932	*	*	*
Tomatoes.....	1,985	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	17,848	580.02	9,529.73	16.43
Swiss chard.....	*	*	-	-
Root Crops.....	19,858	272.7	31,700.86	
Beetroot.....	1,405	*	*	*
Carrot.....	*	*	*	*
Onion.....	4,369	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	1,747	4.35	277.79	63.86
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	14,431	176.37	17,924.14	101.63
Fruit Crops.....	48,020	739	68,096.28	
Avocados.....	954	2.19	32.12	14.67
Bananas.....	17,126	202.86	17,019.66	83.9
Guavas.....	6,022	*	*	*
Lemons.....	5,845	14.91	736.6	49.4
Mangoes.....	39,853	434.27	42,731.72	98.4
Oranges.....	7,350	21.72	1,757.69	80.92
Papayas.....	7,938	26.68	5,303.37	198.78
Pineapples.....	-	-	-	-
Chat.....	9,450	*	*	*
Coffee.....	20,762	240.39	1,841.35	7.66
Hops.....	7,042	24.65	719.37	29.18
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Kemashi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*20,855*	*31,696.59*	*637,329.47*	
Cereals.....	*20,066*	*20,654.44*	*553,131.91*	
Teff.....	*1,611*	*	*	*
Barley.....	*	*	-	-
Wheat.....	-	-	-	-
Maize.....	*17,898*	*9,265.75*	*256,782.31*	*27.71*
Sorghum.....	*17,865*	*10,978.70*	*293,083.39*	*26.7*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*4,852*	*803.94*	*16,182.34*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*4,690*	*589.82*	*11,915.51*	*20.2*
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*17,111*	*10,238.21*	*68,015.23*	
Neug.....	*1,624*	*115.31*	*694.91*	*6.03*
Linseed.....	*	*	*	*
Groundnuts.....	*1,735*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*16,883*	*10,076.98*	*66,917.24*	*6.64*
Rape seed.....	-	-	-	-
Vegetables.....	*3,850*	*	*	
Lettuce.....	*	*	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*2,211*	*40.85*	*841.84*	*20.61*
Swiss chard.....	-	-	-	-
Root Crops.....	*3,258*	*41.75*	*4,422.20*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*2,738*	*35.15*	*3,682.53*	*104.77*
Fruit Crops.....	*2,845*	*50.31*	*2,553.72*	
Avocados.....	*	*	-	-
Bananas.....	*1,174*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*1,976*	*26.07*	*378.25*	*14.51*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Mao Komo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	14,159	8,291.80	147,423.04	
Cereals.....	14,125	6,996.09	137,145.77	
Teff.....	2,593	382.87	2,481.75	6.48
Barley.....	1,742	122.71	1,073.38	8.75
Wheat.....	1,059	102.4	934.58	9.13
Maize.....	13,774	2,942.52	67,726.40	23.02
Sorghum.....	11,022	2,681.08	56,143.81	20.94
Finger millet.....	5,013	759.86	8,749.89	11.52
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	5,020	410.33	4,303.02	
Faba beans..... .	779	56.92	*	*
Field peas.....	*	*	*	*
Haricot beans.....	3,965	310.93	3,243.32	10.43
Chick-peas.....	419	18.01	81.63	4.53
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	632	22.05	349.6	15.85
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	6,055	885.39	5,974.25	
Neug.....	2,588	366.76	2,500.29	6.82
Linseed.....	1,772	47.7	253.63	5.32
Groundnuts.....	1,676	83.4	901.49	10.81
Safflower.....	*	*	*	*
Sesame.....	2,732	378.95	2,147.39	5.67
Rape seed.....	*	*	*	*
Vegetables.....	4,096	49.01	1,784.40	
Lettuce.....	-	-	-	-
Head Cabbage.....	174	0.31	32.02	103.29
Ethiopian Cabbage.....	1,374	14.29	452.83	31.69
Tomatoes.....	363	*	*	*
Green peppers.....	624	4.59	308.92	67.3
Red peppers.....	2,456	27.69	604.12	21.82
Swiss chard.....	-	-	-	-
Root Crops.....	7,525	173.33	18,059.54	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	993	19.39	2,647.55	136.54
Potatoes.....	*	*	*	*
Garlic.....	208	*	*	*
Taro/'Godere'.....	2,313	13.07	588.49	45.03
Sweet potatoes.....	6,022	136.22	14,309.96	105.05
Fruit Crops.....	6,939	117.11	9,261.53	
Avocados.....	*	*	-	-
Bananas.....	3,950	52.88	4,781.93	90.43
Guavas.....	*	*	*	*
Lemons.....	453	2.67	107.43	40.24
Mangoes.....	3,051	37.04	3,531.29	95.34
Oranges.....	3,197	20.39	423.03	20.75
Papayas.....	1,022	2.29	414.28	180.91
Pineapples.....	*	*	-	-
Chat.....	4,485	318.4	3,384.64	10.63
Coffee.....	4,371	317.51	1,247.82	3.93
Hops.....	-	-	-	-
Sugar Cane.....	*	18.63	2,081.92	111.75
Enset.....	773	3.56	-	-

Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

S.N.N.P. Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	2,837,895	1,066,825.51	17,551,623.35	
Cereals.....	2,469,962	859,340.71	14,801,477.56	
Teff.....	1,005,653	265,377.07	2,967,593.60	11.18
Barley.....	790,658	111,756.36	1,982,127.82	17.74
Wheat.....	718,180	131,162.87	2,446,019.54	18.65
Maize.....	1,139,786	237,354.61	5,565,463.40	23.45
Sorghum.....	639,657	107,735.23	1,751,254.81	16.26
Finger millet.....	50,263	3,800.09	42,665.84	11.23
Oats/'Aja'.....	12,948	301.95	2,885.63	9.56
Rice.....	8,580	*	*	*
Pulses.....	1,742,221	202,224.44	2,724,166.37	
Faba beans..... .	781,568	70,622.50	1,040,558.26	14.73
Field peas.....	347,235	45,338.44	540,113.47	11.91
Haricot beans.....	958,813	76,893.19	1,062,783.77	13.82
Chick-peas.....	53,568	7,498.04	70,805.64	9.44
Lentils.....	16,617	574.18	3,641.04	6.34
Grass Peas.....	10,108	549.61	*	*
Soya beans.....	14,486	498.44	3,042.48	6.1
Fenugreek.....	14,811	246.5	*	*
Gibto.....	*	*	-	-
Oilseeds.....	81,304	5,260.36	25,979.42	
Neug.....	*	*	*	*
Linseed.....	51,054	840.61	4,681.37	5.57
Groundnuts.....	5,690	635.04	*	*
Safflower.....	5,715	71.72	756.94	10.55
Sesame.....	10,057	*	*	*
Rape seed.....	8,578	*	*	*
Vegetables.....	1,746,955	38,352.13	3,217,740.97	
Lettuce.....	*	*	-	-
Head Cabbage.....	54,936	612.55	60,088.14	98.1
Ethiopian Cabbage.....	1,607,135	20,022.78	2,314,394.22	115.59
Tomatoes.....	24,340	268.12	50,095.22	186.84
Green peppers.....	156,984	1,120.05	119,606.53	106.79
Red peppers.....	187,633	16,271.67	668,953.32	41.11
Swiss chard.....	12,665	55.93	*	*
Root Crops.....	1,806,168	91,044.16	8,616,652.18	
Beetroot.....	69,689	344.7	37,055.59	107.5
Carrot.....	30,624	219.79	16,829.08	76.57
Onion.....	156,555	1,500.28	185,879.25	123.9
Potatoes.....	307,812	8,068.70	727,006.76	90.1
Garlic.....	76,719	602.37	70,551.20	117.12
Taro/'Godere'.....	944,419	35,414.33	2,962,555.91	83.65
Sweet potatoes.....	903,210	44,893.99	4,616,774.38	102.84
Fruit Crops.....	1,454,851	28,708.75	2,884,215.77	
Avocados.....	624,991	4,872.18	412,869.52	84.74
Bananas.....	1,027,475	19,498.18	1,890,834.04	96.97
Guavas.....	29,939	117.17	2,651.08	22.63
Lemons.....	26,590	57.58	4,952.50	86.01
Mangoes.....	257,703	2,470.32	281,278.80	113.86
Oranges.....	115,964	586.63	87,450.74	149.07
Papayas.....	205,512	885.76	195,493.38	220.71
Pineapples.....	12,778	*	*	*
Chat.....	723,834	36,969.47	480,509.22	13
Coffee.....	1,990,254	130,846.79	1,101,878.55	8.42
Hops.....	191,941	1,651.74	34,714.20	21.02
Sugar Cane.....	585,827	12,230.96	6,348,689.51	519.07
Enset.....	2,953,171	210,709.56	5,185,201.73	24.61

Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Gurage

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	267,481	107,077.02	2,097,912.33	
Cereals.....	260,581	94,711.75	1,901,277.63	
Teff.....	91,195	36,893.47	422,965.39	11.46
Barley.....	119,041	18,253.97	480,509.88	26.32
Wheat.....	122,559	13,287.24	282,484.47	21.26
Maize.....	99,570	19,506.48	560,952.64	28.76
Sorghum.....	33,737	6,659.59	*	*
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	140,048	12,097.21	195,735.80	
Faba beans..... .	116,873	5,266.69	109,473.97	20.79
Field peas.....	25,597	2,830.68	*	*
Haricot beans.....	21,312	499.15	*	*
Chick-peas.....	10,180	*	*	*
Lentils.....	1,641	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	3,876	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	191,924	5,051.64	375,144.02	
Lettuce.....	-	-	-	-
Head Cabbage.....	12,561	*	*	*
Ethiopian Cabbage.....	169,848	2,295.37	232,750.16	101.4
Tomatoes.....	*	*	*	*
Green peppers.....	7,859	*	*	*
Red peppers.....	26,686	*	*	*
Swiss chard.....	7,510	*	*	*
Root Crops.....	123,427	1,726.50	144,327.60	
Beetroot.....	6,262	9.69	1,018.15	105.07
Carrot.....	10,278	*	*	*
Onion.....	19,103	*	*	*
Potatoes.....	50,334	759.47	75,278.70	99.12
Garlic.....	23,938	*	*	*
Taro/'Godere'.....	45,166	543.46	38,346.81	70.56
Sweet potatoes.....	4,815	15.73	1,632.51	103.78
Fruit Crops.....	109,648	1,100.98	142,995.64	
Avocados.....	55,945	452.37	52,035.87	115.03
Bananas.....	37,884	193.6	26,265.81	135.67
Guavas.....	2,689	5.95	124.22	20.88
Lemons.....	5,767	*	*	*
Mangoes.....	14,899	*	*	*
Oranges.....	42,107	275.38	35,009.32	127.13
Papayas.....	25,913	87.82	21,081.82	240.06
Pineapples.....	-	-	-	-
Chat.....	117,463	6,265.90	78,699.70	12.56
Coffee.....	146,546	4,801.01	17,763.76	3.7
Hops.....	53,877	564.48	10,239.75	18.14
Sugar Cane.....	25,015	222.26	161,781.56	727.89
Enset.....	277,092	25,272.82	106,019.49	4.2

Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Hadiya

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	250,275	120,765.61	1,820,048.24	
Cereals.....	242,270	107,766.50	1,619,802.65	
Teff.....	148,435	44,909.03	506,418.09	11.28
Barley.....	74,797	5,597.57	80,863.97	14.45
Wheat.....	144,678	35,325.23	662,122.01	18.74
Maize.....	86,460	14,636.27	268,011.81	18.31
Sorghum.....	83,609	7,156.19	100,744.78	14.08
Finger millet.....	2,695	132.89	1,641.99	12.36
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	132,911	12,836.78	199,237.55	
Faba beans..... .	81,875	7,741.07	131,339.54	16.97
Field peas.....	23,821	2,028.52	37,228.95	18.35
Haricot beans.....	54,738	2,901.11	29,332.09	10.11
Chick-peas.....	*	*	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	6,416	162.33	1,008.05	
Neug.....	-	-	-	-
Linseed.....	4,835	126.24	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	224,326	4,284.00	390,856.68	
Lettuce.....	-	-	-	-
Head Cabbage.....	14,221	47.86	4,948.94	103.4
Ethiopian Cabbage.....	220,866	2,781.46	337,001.56	121.16
Tomatoes.....	9,096	*	*	*
Green peppers.....	9,378	*	*	*
Red peppers.....	15,883	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	135,036	4,483.39	405,313.52	
Beetroot.....	35,204	94.64	11,680.15	123.42
Carrot.....	3,731	6.29	760.56	120.92
Onion.....	24,785	55.26	7,343.31	132.89
Potatoes.....	49,020	1,226.25	91,661.99	74.75
Garlic.....	*	*	*	*
Taro/'Godere'.....	49,762	*	*	*
Sweet potatoes.....	40,125	1,322.45	151,063.37	114.23
Fruit Crops.....	129,329	2,017.86	240,974.10	
Avocados.....	67,814	350.1	29,551.87	84.41
Bananas.....	99,150	1,554.28	202,383.33	130.21
Guavas.....	1,521	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	11,763	45.95	2,869.78	62.45
Oranges.....	4,211	33.01	3,459.12	104.79
Papayas.....	6,932	*	*	*
Pineapples.....	-	-	-	-
Chat.....	41,504	1,154.49	13,091.89	11.34
Coffee.....	118,634	6,966.71	45,840.98	6.58
Hops.....	19,360	73.56	971.77	13.21
Sugar Cane.....	48,080	707.29	415,321.96	587.2
Enset.....	234,751	15,977.22	253,878.06	15.89

Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Kembata - Tembaro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	117,170	34,786.29	497,821.29	
Cereals.....	107,759	28,999.75	408,313.34	
Teff.....	54,314	10,415.33	99,704.95	9.57
Barley.....	26,006	1,631.69	23,563.60	14.44
Wheat.....	67,562	12,746.55	221,567.28	17.38
Maize.....	*	*	*	*
Sorghum.....	34,430	3,134.49	48,203.73	15.38
Finger millet.....	3,125	108.53	1,218.23	11.22
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	78,639	5,747.07	89,247.99	
Faba beans..... .	62,034	4,172.70	70,652.72	16.93
Field peas.....	15,532	730.9	10,902.90	14.92
Haricot beans.....	30,844	803.19	7,587.81	9.45
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	1,582	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	1,344	*	*	
Neug.....	-	-	-	-
Linseed.....	1,344	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	101,637	2,141.59	204,885.75	
Lettuce.....	-	-	-	-
Head Cabbage.....	5,084	*	*	*
Ethiopian Cabbage.....	99,811	1,568.17	165,880.27	105.78
Tomatoes.....	3,268	*	*	*
Green peppers.....	3,226	6.36	650.79	102.33
Red peppers.....	4,076	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	97,482	7,082.43	660,157.38	
Beetroot.....	6,209	35.17	3,769.98	107.19
Carrot.....	4,373	60.86	3,725.82	61.22
Onion.....	4,196	24.78	3,639.54	146.87
Potatoes.....	50,044	2,173.97	185,700.46	85.42
Garlic.....	3,037	*	*	*
Taro/'Godere'.....	55,484	3,091.16	286,797.31	92.78
Sweet potatoes.....	43,302	1,681.81	174,369.54	103.68
Fruit Crops.....	79,226	1,597.32	142,398.34	
Avocados.....	53,739	364.29	26,753.10	73.44
Bananas.....	58,744	1,107.09	103,091.64	93.12
Guavas.....	807	*	*	*
Lemons.....	1,961	*	*	*
Mangoes.....	15,682	73.57	8,000.36	108.74
Oranges.....	6,574	35.03	1,817.57	51.89
Papayas.....	3,654	*	*	*
Pineapples.....	-	-	-	-
Chat.....	9,931	*	*	*
Coffee.....	70,792	2,870.46	17,854.23	6.22
Hops.....	9,373	18.99	332.52	17.51
Sugar Cane.....	29,934	384.83	162,292.12	421.72
Enset.....	123,225	7,839.96	103,001.32	13.14

Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Sidama

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	541,448	78,659.03	1,564,343.52	
Cereals.....	366,941	53,923.39	1,090,169.79	
Teff.....	46,903	5,121.27	*	*
Barley.....	141,680	26,219.26	402,156.03	15.34
Wheat.....	28,433	2,380.86	43,434.51	18.24
Maize.....	195,469	19,515.20	537,228.76	27.53
Sorghum.....	21,860	686.8	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	346,371	24,686.59	473,586.68	
Faba beans..... .	80,743	5,488.58	93,827.05	17.09
Field peas.....	22,462	*	*	*
Haricot beans.....	252,082	16,309.20	342,914.03	21.03
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	4,681	49.04	*	
Neug.....	-	-	-	-
Linseed.....	3,786	37.86	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	334,382	5,657.93	523,755.70	
Lettuce.....	-	-	-	-
Head Cabbage.....	4,968	*	*	*
Ethiopian Cabbage.....	294,065	3,735.00	414,546.38	110.99
Tomatoes.....	*	*	*	*
Green peppers.....	52,500	395.8	44,424.93	112.24
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	359,146	13,183.95	1,363,261.91	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	38,377	557.74	82,383.97	147.71
Potatoes.....	18,912	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	54,361	548.42	46,769.23	85.28
Sweet potatoes.....	277,801	11,756.40	1,204,676.84	102.47
Fruit Crops.....	311,404	4,167.38	402,066.37	
Avocados.....	146,708	1,189.39	103,523.96	87.04
Bananas.....	245,863	2,597.90	254,747.10	98.06
Guavas.....	12,396	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	12,049	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	330,196	22,267.29	292,369.46	13.13
Coffee.....	550,769	44,929.70	430,426.10	9.58
Hops.....	31,428	417.63	7,254.23	17.37
Sugar Cane.....	184,222	6,294.11	3,522,931.85	559.72
Enset.....	847,646	73,743.85	2,791,571.61	37.85

Table 10.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Gedio

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	89,709	16,191.53	273,453.79	
Cereals.....	70,397	13,718.03	244,339.37	
Teff.....	*	*	*	*
Barley.....	36,047	4,438.17	47,287.22	10.65
Wheat.....	7,077	*	*	*
Maize.....	47,655	8,103.25	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	46,509	2,445.28	28,906.13	
Faba beans..... .	24,505	1,587.36	21,565.97	13.59
Field peas.....	7,001	335.39	2,821.59	8.41
Haricot beans.....	21,195	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	2,309	*	*	
Neug.....	-	-	-	-
Linseed.....	1,971	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	128,120	1,619.79	171,829.14	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	126,308	1,597.33	169,588.61	106.17
Tomatoes.....	1,472	*	*	*
Green peppers.....	7,807	16.35	1,632.09	99.82
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	63,329	2,197.71	230,704.53	
Beetroot.....	3,151	*	*	*
Carrot.....	*	*	*	*
Onion.....	-	-	-	-
Potatoes.....	1,406	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	39,941	730.24	80,362.58	110.05
Sweet potatoes.....	28,488	*	*	*
Fruit Crops.....	69,741	1,355.11	95,888.69	
Avocados.....	49,896	433.91	39,615.80	91.3
Bananas.....	43,170	825.71	47,271.83	57.25
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	175,261	15,873.66	123,814.53	7.8
Hops.....	6,325	81.68	1,096.12	13.42
Sugar Cane.....	17,942	282.63	134,510.85	475.93
Enset.....	214,712	11,264.98	215,882.07	19.16

Table 10.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Wolayita

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	259,951	66,392.93	756,794.49	
Cereals.....	182,970	36,965.00	407,364.32	
Teff.....	125,618	27,336.43	247,900.24	9.07
Barley.....	9,045	433.94	4,551.09	10.49
Wheat.....	34,524	4,576.72	*	*
Maize.....	50,352	3,056.80	52,239.39	17.09
Sorghum.....	31,228	1,541.77	16,362.51	10.61
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	221,180	29,415.38	349,417.27	
Faba beans..... .	26,963	1,147.11	19,297.39	16.82
Field peas.....	26,554	1,476.07	16,285.13	11.03
Haricot beans.....	200,915	25,552.65	303,599.05	11.88
Chick-peas.....	11,180	909.67	8,782.37	9.65
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	8,934	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	1,837	*	*	
Neug.....	-	-	-	-
Linseed.....	1,837	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	99,650	839.22	105,184.81	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	92,865	654.19	87,916.57	134.39
Tomatoes.....	*	*	*	*
Green peppers.....	15,823	88.4	9,025.37	102.1
Red peppers.....	5,017	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	281,542	28,966.61	2,868,068.52	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	5,115	*	*	*
Potatoes.....	46,977	1,076.91	95,521.75	88.7
Garlic.....	*	*	*	*
Taro/'Godere'.....	201,742	9,718.26	836,353.86	86.06
Sweet potatoes.....	256,171	18,017.73	1,924,112.50	106.79
Fruit Crops.....	215,779	3,973.47	413,953.03	
Avocados.....	131,363	1,098.87	101,316.04	92.2
Bananas.....	150,020	2,061.74	209,493.47	101.61
Guavas.....	4,029	13.87	381.4	27.5
Lemons.....	2,268	5.87	563.79	96.05
Mangoes.....	85,862	703.52	80,905.08	115
Oranges.....	12,533	42.6	7,354.99	172.65
Papayas.....	13,699	43.56	13,827.49	317.44
Pineapples.....	*	*	*	*
Chat.....	6,408	*	*	*
Coffee.....	253,312	8,250.31	69,550.04	8.43
Hops.....	12,481	48.75	1,154.82	23.69
Sugar Cane.....	66,459	1,177.32	785,968.80	667.59
Enset.....	269,765	7,973.08	104,750.33	13.14

Table 10.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

South Omo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	113,950	50,387.14	931,067.33	
Cereals.....	111,271	40,931.34	815,844.12	
Teff.....	9,918	1,575.52	9,837.87	6.24
Barley.....	27,298	6,084.18	*	*
Wheat.....	18,500	4,630.02	79,443.04	17.16
Maize.....	65,296	18,719.34	420,035.45	22.44
Sorghum.....	44,016	9,802.92	181,730.03	18.54
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	53,086	6,117.34	98,966.38	
Faba beans..... .	25,980	2,575.18	52,369.44	20.34
Field peas.....	14,358	1,788.25	29,595.68	16.55
Haricot beans.....	23,712	1,611.54	16,895.37	10.48
Chick-peas.....	*	*	-	-
Lentils.....	*	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	11,797	*	16,256.83	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	1,252	*	*	*
Safflower.....	1,587	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	29,885	412.27	42,475.69	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	25,526	377.93	41,856.26	110.75
Tomatoes.....	-	-	-	-
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	46,586	1,490.85	143,388.34	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	2,401	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	29,297	743.15	55,654.24	74.89
Sweet potatoes.....	14,947	487	56,657.57	116.34
Fruit Crops.....	38,527	607.83	93,757.80	
Avocados.....	6,207	*	*	*
Bananas.....	28,692	458.92	67,685.79	147.49
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	13,074	79.14	12,316.66	155.63
Oranges.....	*	*	*	*
Papayas.....	11,896	41.33	11,683.11	282.68
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	38,530	2,647.38	15,090.09	5.7
Hops.....	2,046	*	*	*
Sugar Cane.....	5,448	*	*	*
Enset.....	65,646	5,081.11	81,424.76	16.02

Table 10.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Sheka

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	37,227	14,126.52	297,027.23	
Cereals.....	32,451	10,317.29	255,109.51	
Teff.....	6,292	964.24	*	*
Barley.....	3,077	242.2	2,380.56	9.83
Wheat.....	1,526	182.48	1,590.47	8.72
Maize.....	6,091	515.69	10,803.01	20.95
Sorghum.....	24,832	8,177.43	214,564.46	26.24
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	16,900	3,807.02	41,917.72	
Faba beans..... .	6,387	1,099.31	12,221.50	11.12
Field peas.....	8,687	2,545.14	28,228.78	11.09
Haricot beans.....	8,935	162.28	1,467.44	9.04
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	408	*	-	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	25,698	472.04	40,751.45	
Lettuce.....	*	*	-	-
Head Cabbage.....	1,327	*	*	*
Ethiopian Cabbage.....	20,963	152.32	15,082.62	99.02
Tomatoes.....	*	*	*	*
Green peppers.....	8,110	77.69	8,924.18	114.87
Red peppers.....	1,746	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	29,367	947.48	81,897.73	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	5,462	94.21	6,207.71	65.89
Potatoes.....	571	22.41	2,352.36	104.97
Garlic.....	4,130	11.05	1,311.93	118.73
Taro/'Godere'.....	23,274	786.28	66,873.25	85.05
Sweet potatoes.....	1,726	*	*	*
Fruit Crops.....	29,819	418.32	55,978.19	
Avocados.....	13,563	75.22	10,431.06	138.67
Bananas.....	12,828	114.2	12,086.09	105.83
Guavas.....	1,008	1.68	28.87	17.18
Lemons.....	699	*	*	*
Mangoes.....	17,434	125.76	10,352.15	82.32
Oranges.....	7,813	47.38	11,011.26	232.4
Papayas.....	14,345	43.31	11,634.12	268.62
Pineapples.....	947	*	-	-
Chat.....	4,481	152.3	1,954.01	12.83
Coffee.....	35,589	11,488.96	103,400.60	9
Hops.....	4,803	35.85	463.86	12.94
Sugar Cane.....	13,453	186.43	72,294.58	387.78
Enset.....	35,802	3,696.34	148,943.88	40.29

Table 10.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Keffa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	198,984	122,171.81	1,791,486.75	
Cereals.....	179,430	80,364.85	1,383,817.79	
Teff.....	134,385	29,517.19	327,054.14	11.08
Barley.....	55,603	7,480.85	92,421.99	12.35
Wheat.....	37,471	7,368.43	*	*
Maize.....	59,194	24,008.53	606,474.42	25.26
Sorghum.....	52,738	11,340.85	230,583.37	20.33
Finger millet.....	7,184	564.33	4,602.51	8.16
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	158,463	41,558.87	407,287.34	
Faba beans..... .	104,493	19,285.38	211,506.01	10.97
Field peas.....	73,114	16,219.24	145,329.03	8.96
Haricot beans.....	64,210	6,049.75	50,437.45	8.34
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	9,223	248.08	381.62	
Neug.....	*	*	*	*
Linseed.....	6,858	92.31	297.89	3.23
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	131,121	1,102.64	113,105.60	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,814	*	*	*
Ethiopian Cabbage.....	119,447	826.17	100,684.89	121.87
Tomatoes.....	*	*	*	*
Green peppers.....	17,342	92.16	7,983.39	86.63
Red peppers.....	7,981	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	140,244	3,828.10	293,312.43	
Beetroot.....	1,995	*	*	*
Carrot.....	*	*	*	*
Onion.....	8,767	38.14	5,246.13	137.55
Potatoes.....	3,039	*	*	*
Garlic.....	12,250	41.25	4,433.26	107.47
Taro/'Godere'.....	125,328	3,535.93	258,122.63	73
Sweet potatoes.....	10,368	127.59	15,298.01	119.9
Fruit Crops.....	79,463	1,108.69	66,011.23	
Avocados.....	12,555	81.29	4,896.35	60.23
Bananas.....	67,065	934.05	50,830.88	54.42
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	5,452	*	*	*
Oranges.....	*	*	*	*
Papayas.....	13,977	64.18	8,192.59	127.65
Pineapples.....	*	*	-	-
Chat.....	15,672	183.08	2,964.00	16.19
Coffee.....	122,128	9,047.06	84,499.53	9.34
Hops.....	9,505	55.93	914.98	16.36
Sugar Cane.....	51,577	529.22	188,474.65	356.14
Enset.....	198,847	20,715.98	834,750.43	40.3

Table 10.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Gamo Gofa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	312,126	136,414.35	2,284,268.21	
Cereals.....	303,756	122,821.75	2,078,816.81	
Teff.....	133,120	39,393.59	464,749.85	11.8
Barley.....	131,445	21,725.46	441,667.05	20.33
Wheat.....	66,189	*	*	*
Maize.....	145,064	38,338.39	771,820.88	20.13
Sorghum.....	47,962	11,661.41	135,796.45	11.64
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	160,253	13,234.74	203,421.77	
Faba beans..... .	54,804	2,499.48	43,578.19	17.43
Field peas.....	33,256	*	*	*
Haricot beans.....	106,463	7,637.65	119,997.70	15.71
Chick-peas.....	*	*	*	*
Lentils.....	3,375	44.42	228.58	5.15
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	16,143	*	2,029.63	
Neug.....	-	-	-	-
Linseed.....	12,227	123.63	671.66	5.43
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	72,602	608.69	70,157.42	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	67,181	554.33	66,186.61	119.4
Tomatoes.....	*	*	*	*
Green peppers.....	5,215	26.63	3,068.96	115.24
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	229,612	13,366.70	1,255,791.89	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	27,676	*	*	*
Potatoes.....	55,227	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	100,701	2,517.80	205,956.21	81.8
Sweet potatoes.....	157,896	8,519.08	801,815.48	94.12
Fruit Crops.....	117,256	*	*	
Avocados.....	13,512	*	*	*
Bananas.....	94,371	*	*	*
Guavas.....	-	-	-	-
Lemons.....	6,258	*	*	*
Mangoes.....	32,681	*	*	*
Oranges.....	5,379	*	*	*
Papayas.....	20,697	107.92	26,830.01	248.61
Pineapples.....	*	*	-	-
Chat.....	11,581	*	*	*
Coffee.....	156,128	3,138.63	16,101.19	5.13
Hops.....	9,302	80.72	941.23	11.66
Sugar Cane.....	43,316	596.79	173,827.72	291.27
Enset.....	254,961	12,775.19	162,602.64	12.73

Table 10.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Benchi - Maji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	115,230	38,609.89	725,488.36	
Cereals.....	101,501	31,020.25	604,338.84	
Teff.....	30,994	6,034.21	88,732.90	14.7
Barley.....	18,907	3,625.68	55,909.41	15.42
Wheat.....	7,645	1,218.76	19,413.28	15.93
Maize.....	41,418	6,405.65	172,922.34	27
Sorghum.....	47,054	11,994.91	228,315.52	19.03
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	61,332	7,577.96	121,141.06	
Faba beans..... .	21,520	3,970.34	64,275.60	16.19
Field peas.....	12,055	1,674.07	22,200.23	13.26
Haricot beans.....	42,850	1,930.26	34,660.71	17.96
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1,498	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	92,630	1,017.56	108,346.51	
Lettuce.....	-	-	-	-
Head Cabbage.....	2,990	*	*	*
Ethiopian Cabbage.....	81,610	699.95	80,801.74	115.44
Tomatoes.....	*	*	*	*
Green peppers.....	19,023	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	116,133	5,254.33	375,906.19	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	2,712	*	*	*
Potatoes.....	2,618	*	*	*
Garlic.....	1,152	*	*	*
Taro/'Godere'.....	111,742	5,021.20	358,060.96	71.31
Sweet potatoes.....	10,739	134.61	5,735.74	42.61
Fruit Crops.....	85,158	1,498.20	147,928.36	
Avocados.....	14,870	*	*	*
Bananas.....	67,193	957.12	82,158.46	85.84
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	24,457	226.82	22,287.66	98.26
Oranges.....	7,073	27.78	8,349.93	300.57
Papayas.....	25,974	143.51	25,912.38	180.56
Pineapples.....	1,004	*	*	*
Chat.....	22,118	785.99	9,651.89	12.28
Coffee.....	110,042	13,342.60	120,483.56	9.03
Hops.....	19,052	112.99	1,741.11	15.41
Sugar Cane.....	35,754	628.65	281,209.24	447.32
Enset.....	112,899	2,847.63	63,843.58	22.42

Table 10.12 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Yem Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	19,680	21,905.07	275,242.74	
Cereals.....	19,447	18,470.36	238,517.36	
Teff.....	16,148	7,090.03	70,239.02	9.91
Barley.....	11,344	1,245.05	11,831.08	9.5
Wheat.....	14,461	4,698.66	64,881.12	13.81
Maize.....	15,576	3,648.61	68,242.48	18.7
Sorghum.....	8,858	1,764.27	23,156.03	13.12
Finger millet.....	*	*	*	*
Oats/'Aja'.....	511	*	*	*
Rice.....	*	*	-	-
Pulses.....	14,597	3,333.12	36,439.37	
Faba beans..... .	12,292	1,947.30	21,168.01	10.87
Field peas.....	7,073	1,293.99	14,641.27	11.31
Haricot beans.....	1,185	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	1,984	80.4	*	*
Grass Peas.....	*	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	1,749	5.3	18.39	3.47
Gibto.....	-	-	-	-
Oilseeds.....	1,514	101.58	286.02	
Neug.....	*	*	*	*
Linseed.....	1,423	78	243.8	3.13
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	15,646	128.43	16,260.65	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	15,416	121.58	15,563.84	128.01
Tomatoes.....	*	*	*	*
Green peppers.....	1,143	3.06	355.17	116.07
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	10,336	328.56	25,423.72	
Beetroot.....	318	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	996	2	266.72	133.36
Taro/'Godere'.....	7,577	242.87	17,100.75	70.41
Sweet potatoes.....	4,890	80.27	7,600.07	94.68
Fruit Crops.....	6,709	65.43	4,093.50	
Avocados.....	3,012	17.89	1,460.12	81.62
Bananas.....	4,350	35	1,988.94	56.83
Guavas.....	366	1.25	33.95	27.16
Lemons.....	*	*	*	*
Mangoes.....	330	1.61	129.8	80.62
Oranges.....	784	*	*	*
Papayas.....	320	*	*	*
Pineapples.....	*	*	-	-
Chat.....	8,931	286.81	3,998.16	13.94
Coffee.....	12,253	460.09	3,239.03	7.04
Hops.....	2,599	13.34	542.67	40.68
Sugar Cane.....	8,199	145.81	44,982.31	308.5
Enset.....	19,213	1,836.02	19,384.66	10.56

Table 10.13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Amaro Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	41,012	8,185.91	97,388.95	
Cereals.....	37,377	6,184.29	74,538.60	
Teff.....	18,183	3,469.27	36,471.84	10.51
Barley.....	12,410	947.41	12,905.15	13.62
Wheat.....	4,734	*	*	*
Maize.....	19,477	1,174.79	13,881.89	11.82
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	29,734	1,997.37	22,811.26	
Faba beans..... .	7,544	192.29	2,430.96	12.64
Field peas.....	6,033	337.27	*	*
Haricot beans.....	21,305	1,378.43	14,312.55	10.38
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	14,715	169.2	19,493.82	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	14,383	166.44	19,227.58	115.52
Tomatoes.....	*	*	*	*
Green peppers.....	671	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	12,748	189.31	17,942.14	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	9,831	168.84	16,148.13	95.64
Fruit Crops.....	19,892	317.79	30,229.63	
Avocados.....	6,841	44.96	4,998.75	111.18
Bananas.....	16,000	203.37	14,170.80	69.68
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	3,372	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	3,647	*	*	*
Coffee.....	34,298	2,888.55	24,841.53	8.6
Hops.....	-	-	-	-
Sugar Cane.....	15,461	421.32	224,748.63	533.44
Enset.....	48,056	3,945.79	82,009.29	20.78

Table 10.14 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Burji Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	9,136	7,159.80	66,977.24	
Cereals.....	8,359	4,067.22	41,964.13	
Teff.....	4,781	1,865.98	14,280.04	7.65
Barley.....	2,790	148.08	1,140.66	7.7
Wheat.....	3,088	351.79	2,401.34	6.83
Maize.....	5,934	1,339.28	19,591.07	14.63
Sorghum.....	1,955	360.93	4,551.01	12.61
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	7,552	3,089.49	25,012.44	
Faba beans..... .	362	15.76	100.35	6.37
Field peas.....	460	*	*	*
Haricot beans.....	7,065	2,932.57	24,381.01	8.31
Chick-peas.....	441	88.98	318.35	3.58
Lentils.....	251	11.49	26.43	2.3
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	101	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	127	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	-	-
Rape seed.....	*	*	-	-
Vegetables.....	2,820	16.07	1,643.01	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	2,456	14.76	1,534.49	103.96
Tomatoes.....	*	*	*	*
Green peppers.....	474	0.86	81.99	95.34
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	1,455	15.74	1,393.47	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	229	1.25	162.23	129.78
Potatoes.....	792	10.02	810.7	80.91
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	409	4.37	412.72	94.44
Fruit Crops.....	3,523	49.69	3,132.70	
Avocados.....	682	7.77	634.27	81.63
Bananas.....	2,269	28.39	1,412.18	49.74
Guavas.....	351	0.69	6.11	8.86
Lemons.....	*	*	*	*
Mangoes.....	661	*	*	*
Oranges.....	186	*	*	*
Papayas.....	1,183	5.33	292.36	54.85
Pineapples.....	-	-	-	-
Chat.....	349	*	*	*
Coffee.....	3,430	76.67	493.78	6.44
Hops.....	*	*	*	*
Sugar Cane.....	1,073	18.92	4,737.29	250.39
Enset.....	3,755	288.65	2,459.85	8.52

Table 10.15 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Konso Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	49,283	27,959.20	360,253.15	
Cereals.....	49,283	24,593.18	333,063.01	
Teff.....	12,271	4,925.11	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	33,571	10,597.97	191,132.51	18.03
Sorghum.....	35,177	8,997.62	74,899.74	8.32
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	22,032	3,359.58	27,158.54	
Faba beans..... .	-	-	-	-
Field peas.....	*	*	-	-
Haricot beans.....	21,789	3,300.74	26,815.61	8.12
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	-	-
Rape seed.....	-	-	-	-
Vegetables.....	1,769	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	-	-	-	-
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	5,981	49.52	5,802.56	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	4,153	24.86	1,719.80	69.18
Fruit Crops.....	13,186	200.36	14,785.08	
Avocados.....	*	*	*	*
Bananas.....	7,420	114.86	4,225.75	36.79
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	2,824	*	*	*
Oranges.....	*	*	*	*
Papayas.....	5,888	16.11	3,590.57	222.88
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	15,530	505.32	2,334.56	4.62
Hops.....	3,246	*	*	*
Sugar Cane.....	1,642	*	*	*
Enset.....	-	-	-	-

Table 10.16 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Derashe Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	25,923	19,299.47	225,512.05	
Cereals.....	25,923	17,780.31	208,738.77	
Teff.....	7,653	1,653.26	20,335.12	12.3
Barley.....	5,908	1,186.74	11,630.08	9.8
Wheat.....	2,823	*	*	*
Maize.....	19,947	7,681.23	113,149.74	14.73
Sorghum.....	14,358	6,812.31	54,097.82	7.94
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	11,728	1,508.67	16,713.83	
Faba beans..... .	1,720	*	-	-
Field peas.....	1,560	82.15	-	-
Haricot beans.....	9,256	890.29	9,153.71	10.28
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	*	10.49	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	-	-
Rape seed.....	-	-	-	-
Vegetables.....	7,554	68.52	6,777.72	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	6,695	57.39	5,836.06	101.69
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	6,329	51.2	4,966.49	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	910	2.11	263.74	125
Potatoes.....	1,418	11.03	1,174.67	106.5
Garlic.....	*	*	*	*
Taro/'Godere'.....	2,461	18.05	1,463.16	81.06
Sweet potatoes.....	2,353	18.84	1,955.80	103.81
Fruit Crops.....	3,098	58.37	1,159.55	
Avocados.....	*	*	*	*
Bananas.....	2,313	50.18	581.04	11.58
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	2,768	38.02	535.39	14.08
Coffee.....	8,403	123.81	945.92	7.64
Hops.....	1,632	16.84	111.15	6.6
Sugar Cane.....	1,612	13.2	1,386.30	105.02
Enset.....	8,547	*	*	*

Table 10.17 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Dawro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*69,542*	*38,600.73*	*494,955.74*	
Cereals.....	*57,729*	*25,515.65*	*327,925.64*	
Teff.....	*48,187*	*15,906.65*	*158,674.40*	*9.98*
Barley.....	*8,035*	*875.61*	*10,416.75*	*11.9*
Wheat.....	*12,802*	*2,718.92*	*36,815.51*	*13.54*
Maize.....	*9,249*	*3,121.74*	*82,475.04*	*26.42*
Sorghum.....	*17,302*	*2,858.26*	*39,123.34*	*13.69*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	*44,955*	*12,912.99*	*165,848.88*	
Faba beans..... .	*28,050*	*6,023.17*	*76,270.19*	*12.66*
Field peas.....	*17,758*	*5,096.97*	*67,499.17*	*13.24*
Haricot beans.....	*12,890*	*1,516.63*	*20,668.33*	*13.63*
Chick-peas.....	*1,414*	*	*	*
Lentils.....	*2,592*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*6,132*	*	*	
Neug.....	*	*	*	*
Linseed.....	*5,894*	*73.36*	*486.46*	*6.63*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	*33,582*	*243.75*	*27,762.62*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*32,320*	*233.35*	*27,047.51*	*115.91*
Tomatoes.....	-	-	-	-
Green peppers.....	*1,527*	*	*	*
Red peppers.....	*1,766*	*4.15*	*87.69*	*21.13*
Swiss chard.....	-	-	-	-
Root Crops.....	*64,807*	*4,475.60*	*393,475.30*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	*748*	*	*	*
Taro/'Godere'.....	*60,824*	*3,958.43*	*341,018.38*	*86.15*
Sweet potatoes.....	*16,161*	*502.79*	*50,806.92*	*101.05*
Fruit Crops.....	*37,018*	*617.06*	*50,371.25*	
Avocados.....	*14,011*	*83.2*	*5,895.72*	*70.86*
Bananas.....	*31,288*	*468.47*	*36,906.20*	*78.78*
Guavas.....	*657*	*1.43*	*77.57*	*54.24*
Lemons.....	*641*	*	*	*
Mangoes.....	*5,367*	*30.15*	*3,184.34*	*105.62*
Oranges.....	*	*	*	*
Papayas.....	*5,362*	*28.2*	*3,346.71*	*118.68*
Pineapples.....	-	-	-	-
Chat.....	*1,556*	*4.6*	*37.01*	*8.05*
Coffee.....	*43,893*	*1,817.98*	*15,071.07*	*8.29*
Hops.....	*4,928*	*35.65*	*8,099.11*	*227.18*
Sugar Cane.....	*12,875*	*109.85*	*35,963.05*	*327.38*
Enset.....	*76,863*	*7,005.44*	*126,868.49*	*18.11*

Table 10.18 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Basketo Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	14,756	3,645.41	57,323.11	
Cereals.....	13,940	3,207.93	52,648.25	
Teff.....	6,376	993	13,086.12	13.18
Barley.....	921	116.4	1,562.21	13.42
Wheat.....	508	*	*	*
Maize.....	10,154	1,616.72	31,186.65	19.29
Sorghum.....	4,078	413.83	6,054.11	14.63
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	7,657	332.76	4,299.26	
Faba beans..... .	487	5.28	107.45	20.35
Field peas.....	2,094	61.13	778.15	12.73
Haricot beans.....	6,415	212.44	3,349.06	15.76
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	1,320	104.71	375.61	
Neug.....	-	-	-	-
Linseed.....	356	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	229	2.78	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	2,590	32.62	2,678.01	
Lettuce.....	-	-	-	-
Head Cabbage.....	495	*	*	*
Ethiopian Cabbage.....	1,417	6.42	710.09	110.61
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	537	7.65	279.04	36.48
Swiss chard.....	*	*	*	*
Root Crops.....	14,440	633.47	52,293.57	
Beetroot.....	798	*	*	*
Carrot.....	*	*	*	*
Onion.....	956	3.78	438.95	116.12
Potatoes.....	612	5.09	445.44	87.51
Garlic.....	*	*	*	*
Taro/'Godere'.....	8,948	170.61	12,396.85	72.66
Sweet potatoes.....	9,892	445.91	38,241.10	85.76
Fruit Crops.....	10,903	189	22,672.79	
Avocados.....	4,761	44.7	3,648.24	81.62
Bananas.....	7,569	123.5	15,882.44	128.6
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	2,362	12.65	1,675.68	132.46
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	-	-
Chat.....	*	*	*	*
Coffee.....	15,563	642.59	4,723.01	7.35
Hops.....	458	*	*	*
Sugar Cane.....	5,917	101.67	47,874.63	470.88
Enset.....	15,801	834.67	15,115.92	18.11

Table 10.19 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Konta Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	28,709	13,054.64	163,165.93	
Cereals.....	26,113	8,388.59	99,525.82	
Teff.....	19,620	5,304.94	55,859.50	10.53
Barley.....	4,179	*	*	*
Wheat.....	4,164	664.5	8,190.67	12.33
Maize.....	*	*	*	*
Sorghum.....	8,759	1,520.75	24,909.02	16.38
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	17,903	4,656.13	63,561.94	
Faba beans..... .	12,707	3,225.59	49,801.63	15.44
Field peas.....	6,644	1,061.21	10,776.01	10.15
Haricot beans.....	6,269	366.21	2,972.13	8.12
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	5,557	31.44	3,355.17	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	3,930	19.66	2,219.54	112.9
Tomatoes.....	-	-	-	-
Green peppers.....	1,718	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	27,693	2,169.06	231,581.18	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	1,036	11.11	1,291.26	116.23
Potatoes.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	25,919	2,018.05	216,859.24	107.46
Sweet potatoes.....	4,610	96.84	10,004.28	103.31
Fruit Crops.....	16,911	259.89	23,293.93	
Avocados.....	7,360	67.76	2,684.03	39.61
Bananas.....	13,704	153.93	14,027.49	91.13
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	2,053	*	*	*
Oranges.....	1,027	7.82	745.54	95.34
Papayas.....	2,804	10.25	3,397.83	331.5
Pineapples.....	-	-	-	-
Chat.....	1,285	17.84	192.63	10.8
Coffee.....	14,706	408.37	2,192.95	5.37
Hops.....	1,399	4.25	75.59	17.79
Sugar Cane.....	4,565	52.87	24,316.93	459.94
Enset.....	30,375	1,564.38	32,513.99	20.78

Table 10.20 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Silitie

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	217,266	102,190.13	1,980,157.79	
Cereals.....	213,716	92,061.93	1,850,444.16	
Teff.....	51,223	11,326.82	124,023.62	10.95
Barley.....	96,577	10,666.07	165,142.15	15.48
Wheat.....	122,480	24,042.56	441,401.61	18.36
Maize.....	162,247	35,575.90	969,802.36	27.26
Sorghum.....	91,074	9,684.02	143,971.67	14.87
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	145,843	9,863.07	127,762.59	
Faba beans..... .	110,693	4,218.09	59,019.81	13.99
Field peas.....	42,636	2,238.66	35,296.23	15.77
Haricot beans.....	23,109	890.73	16,695.86	18.74
Chick-peas.....	20,391	2,187.59	14,823.90	6.78
Lentils.....	-	-	-	-
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	8,497	*	*	
Neug.....	-	-	-	-
Linseed.....	3,580	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	178,120	9,124.15	731,783.45	
Lettuce.....	-	-	-	-
Head Cabbage.....	5,277	*	*	*
Ethiopian Cabbage.....	165,044	2,963.06	369,137.61	124.58
Tomatoes.....	1,745	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	48,892	6,069.75	352,409.54	58.06
Swiss chard.....	*	*	*	*
Root Crops.....	31,861	445.45	43,222.29	
Beetroot.....	4,910	11.25	1,442.65	128.24
Carrot.....	3,880	8.82	808.24	91.64
Onion.....	9,664	*	*	*
Potatoes.....	15,442	224.32	18,999.82	84.7
Garlic.....	3,925	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	70,413	431.14	51,092.31	
Avocados.....	19,954	59.12	4,075.02	68.93
Bananas.....	32,747	166.23	8,278.09	49.8
Guavas.....	2,245	*	*	*
Lemons.....	2,613	2.14	67.39	31.49
Mangoes.....	3,663	*	*	*
Oranges.....	10,097	26.32	6,412.05	243.62
Papayas.....	32,322	158.64	31,059.95	195.79
Pineapples.....	-	-	-	-
Chat.....	96,124	2,820.52	39,797.53	14.11
Coffee.....	52,079	409.67	2,068.83	5.05
Hops.....	-	-	-	-
Sugar Cane.....	10,675	*	*	*
Enset.....	102,872	7,557.77	31,704.85	4.2

Table 10.21 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Alaba Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	59,037	39,243.04	790,935.09	
Cereals.....	58,747	37,531.34	764,917.65	
Teff.....	35,458	10,250.42	125,375.27	12.23
Barley.....	4,274	262.31	*	*
Wheat.....	16,464	3,498.60	81,311.95	23.24
Maize.....	56,485	18,492.39	469,749.19	25.4
Sorghum.....	35,685	3,083.92	57,989.08	18.8
Finger millet.....	22,561	1,943.70	25,148.23	12.94
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	24,528	1,646.99	25,692.56	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	22,274	1,453.30	23,798.30	16.38
Chick-peas.....	*	*	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	2,192	*	324.88	
Neug.....	*	*	-	-
Linseed.....	1,172	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	-	-
Vegetables.....	52,629	5,311.75	258,822.16	
Lettuce.....	-	-	-	-
Head Cabbage.....	2,191	36.05	5,915.68	164.1
Ethiopian Cabbage.....	45,749	1,184.73	158,741.38	133.99
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	32,027	4,078.37	92,986.73	22.8
Swiss chard.....	*	*	*	*
Root Crops.....	8,614	158.18	18,421.41	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	5,710	117.11	13,220.96	112.89
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	2,436	20.93	2,195.28	104.89
Fruit Crops.....	7,849	56.51	4,925.53	
Avocados.....	1,641	3.46	282.17	81.55
Bananas.....	4,836	27.13	1,727.04	63.66
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	595	*	*	*
Oranges.....	*	*	*	*
Papayas.....	2,566	8.01	603.79	75.38
Pineapples.....	-	-	-	-
Chat.....	32,722	1,533.87	19,648.83	12.81
Coffee.....	12,368	157.26	1,143.29	7.27
Hops.....	-	-	-	-
Sugar Cane.....	2,611	14	867.83	61.99
Enset.....	12,343	75.15	987.3	13.14

Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Gambela Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*40,049*	*9,847.66*	*188,797.37*	
Cereals.....	*39,278*	*9,770.36*	*188,508.17*	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	*29,637*	*6,051.10*	*102,459.40*	*16.93*
Sorghum.....	*16,043*	*3,528.41*	*82,146.46*	*23.28*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*1,015*	*	*	*
Pulses.....	*4,172*	*41.88*	*162.04*	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	-	-
Haricot beans.....	*3,885*	*25.31*	*120.5*	*4.76*
Chick-peas.....	*	*	-	-
Lentils.....	*	*	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*1,291*	*35.42*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*821*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*334*	*13.3*	-	-
Rape seed.....	*	*	*	*
Vegetables.....	*8,153*	*137.41*	*8,775.89*	
Lettuce.....	*	*	-	-
Head Cabbage.....	*503*	*3.81*	-	-
Ethiopian Cabbage.....	*4,162*	*28.39*	*2,925.53*	*103.05*
Tomatoes.....	*1,021*	*12.24*	*2,265.81*	*185.12*
Green peppers.....	*1,866*	*24.96*	*2,405.03*	*96.36*
Red peppers.....	*1,818*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*10,592*	*262.74*	*24,011.23*	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	*531*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	*158*	*	*	*
Taro/'Godere'.....	*7,131*	*92.25*	*7,575.91*	*82.12*
Sweet potatoes.....	*4,329*	*155.84*	*16,171.99*	*103.77*
Fruit Crops.....	*18,280*	*448.58*	-	
Avocados.....	*5,132*	*29.55*	-	-
Bananas.....	*9,127*	*197.45*	-	-
Guavas.....	*586*	*2.37*	-	-
Lemons.....	*378*	*	-	-
Mangoes.....	*9,373*	*175.48*	-	-
Oranges.....	*1,737*	*6.68*	-	-
Papayas.....	*6,534*	*32.47*	-	-
Pineapples.....	*667*	*3.46*	-	-
Chat.....	*2,669*	*148.35*	-	-
Coffee.....	*9,458*	*3,443.40*	-	-
Hops.....	*2,297*	*23.21*	-	-
Sugar Cane.....	*7,156*	*100.13*	-	-
Enset.....	*8,744*	*397.29*	*7,029.67*	*17.69*

Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Agnuwak

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*10,764*	*4,360.11*	*80,411.78*	
Cereals.....	*10,584*	*4,316.19*	*80,287.10*	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	*8,428*	*3,195.01*	*57,198.46*	*17.9*
Sorghum.....	*4,705*	*940.68*	*19,266.51*	*20.48*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*978*	*	*	*
Pulses.....	*1,836*	*	-	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*1,791*	*10.8*	-	-
Chick-peas.....	*	*	-	-
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*1,030*	*31.18*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*758*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*291*	*	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*2,770*	*	*3,592.02*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*530*	*5.78*	*595.93*	*103.1*
Tomatoes.....	*720*	*8.24*	*1,523.93*	*184.94*
Green peppers.....	*667*	*	*	*
Red peppers.....	*1,205*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*3,369*	*116.36*	*11,591.38*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*1,120*	*13.53*	*1,111.24*	*82.13*
Sweet potatoes.....	*2,528*	*100.7*	*10,449.93*	*103.77*
Fruit Crops.....	*5,861*	*166.08*	-	
Avocados.....	*	*	-	-
Bananas.....	*2,048*	*63.24*	-	-
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*2,532*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	*2,873*	*21.15*	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	-	-
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Nuware

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*11,062*	*1,530.83*	*25,131.58*	
Cereals.....	*11,062*	*1,530.55*	*25,131.58*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*11,062*	*1,530.55*	*25,131.58*	*16.42*
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.....	*	*	*	
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 2010/2011 (2003 E.C)

Mezhenger

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*12,120*	*2,922.15*	*66,192.08*	
Cereals.....	*11,544*	*2,895.47*	*66,060.35*	
Teff.....	*	*	-	-
Barley.....	*	*	-	-
Wheat.....	*	*	-	-
Maize.....	*4,805*	*496.62*	*7,364.03*	*14.83*
Sorghum.....	*10,178*	*2,388.48*	*58,616.14*	*24.54*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	*2,156*	*25.4*	*129.25*	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	-	-
Haricot beans.....	*1,937*	*11.05*	*87.71*	*7.94*
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*190*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	*5,175*	*54.01*	*4,299.91*	
Lettuce.....	*	*	-	-
Head Cabbage.....	*503*	*3.81*	-	-
Ethiopian Cabbage.....	*3,593*	*21.29*	*2,194.55*	*103.08*
Tomatoes.....	*	*	*	*
Green peppers.....	*1,185*	*19.96*	*1,922.73*	*96.33*
Red peppers.....	*613*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*6,955*	*141.91*	*12,021.00*	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	*394*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*5,967*	*78.55*	*6,450.84*	*82.12*
Sweet potatoes.....	*1,601*	*51.43*	*5,337.04*	*103.77*
Fruit Crops.....	*9,570*	*151*	-	
Avocados.....	*5,098*	*29.5*	-	-
Bananas.....	*5,612*	*73.26*	-	-
Guavas.....	*450*	*1.42*	-	-
Lemons.....	*284*	*	-	-
Mangoes.....	*4,319*	*25.85*	-	-
Oranges.....	*1,672*	*6.4*	-	-
Papayas.....	*3,511*	*10.78*	-	-
Pineapples.....	*653*	*3.21*	-	-
Chat.....	*2,635*	*148.31*	-	-
Coffee.....	*9,010*	*3,439.27*	-	-
Hops.....	*2,056*	*21.18*	-	-
Sugar Cane.....	*6,469*	*91.91*	-	-
Enset.....	*8,744*	*397.29*	*7,029.67*	*17.69*

Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Itang Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	*6,102*	*1,034.56*	*17,061.94*	
Cereals.....	*6,088*	*1,028.16*	*17,029.15*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*5,341*	*828.92*	*12,765.34*	*15.4*
Sorghum.....	*1,160*	*199.24*	*4,263.81*	*21.4*
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.....	*156*	*	*841.71*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*103*	*3.61*	*667.63*	*184.94*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*268*	*4.47*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*201*	*	*	*
Fruit Crops.....	*2,848*	*131.49*	-	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	*2,522*	*69.48*	-	-
Oranges.....	*	*	-	-
Papayas.....	*150*	*	-	-
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.	21,919	9,418.12	135,869.87	
Cereals.....	21,866	7,728.84	119,138.82	
Teff.....	*	*	-	-
Barley.....	730	17.48	166.36	9.52
Wheat.....	2,235	116.51	1,400.48	12.02
Maize.....	10,856	808.72	16,204.28	20.04
Sorghum.....	20,899	6,762.14	101,163.00	14.96
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	9,518	1,686.98	16,690.29	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	9,518	1,679.31	16,653.68	9.92
Safflower.....	-	-	-	-
Sesame.....	263	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1,077	24.77	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	664	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	7,221	363.58	29,557.33	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	6,841	350.08	29,557.33	84.43
Fruit Crops.....	5,533	219.33	2,575.63	
Avocados.....	*	*	-	-
Bananas.....	1,878	21.05	432.77	20.56
Guavas.....	*	*	-	-
Lemons.....	1,055	12.61	-	-
Mangoes.....	3,246	160.15	174.56	1.09
Oranges.....	-	-	-	-
Papayas.....	1,540	19.66	1,968.31	100.12
Pineapples.....	-	-	-	-
Chat.....	19,049	4,146.52	70,905.42	17.1
Coffee.....	2,317	42.73	196.55	4.6
Hops.....	-	-	-	-
Sugar Cane.....	2,691	258.45	-	-
Enset.....	-	-	-	-

Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2010/2011 (2003 E.C)

Dire Dawa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	20,904	9,674.62	165,719.03	
Cereals.....	20,904	9,199.96	158,050.09	
Teff.....	-	-	-	-
Barley.....	*	*	28.11	*
Wheat.....	*	*	*	*
Maize.....	7,728	320.34	5,052.68	15.77
Sorghum.....	20,474	8,851.57	152,829.58	17.27
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	6,364	273.04	5,051.98	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	6,320	272.98	5,051.98	18.51
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	3,101	201.63	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	1,421	49.97	515.46	10.32
Rape seed.....	-	-	-	-
Vegetables.....	1,459	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	1,174	*	*	*
Green peppers.....	431	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	8,751	292.93	29,125.15	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	1,026	*	-	-
Potatoes.....	472	*	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	8,245	259.88	29,125.15	112.07
Fruit Crops.....	5,449	69.92	-	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	1,720	11.73	-	-
Lemons.....	768	2.9	-	-
Mangoes.....	1,553	22.63	-	-
Oranges.....	*	*	-	-
Papayas.....	2,558	19.08	-	-
Pineapples.....	-	-	-	-
Chat.....	12,243	1,115.53	12,672.39	11.36
Coffee.....	4,077	124.72	446.49	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, $W_{hi} = \dfrac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight.

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the hth stratum.

M_h is the measure of size of the hth stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the ith sample EA in the hth stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the ith sample EA in the hth stratum.

h_{hi} is the number of sample agricultural households successfully covered in the ith sample EA in the hth stratum.

a_{hij} is the value of area for agricultural household j, in the ith EA in the hth strtatum 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:

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

in which, $\mathrm{P}_{hi} = a_{hi} * \overline{Y}_{hi}$

Where, $\overline{Y}_{hi} = \dfrac{Y_{hi}}{16C_{hi}}$ is average yield per square meter of a specific crop in the ith EA in the hth stratum.

$\hat{\mathrm{P}}_h$ is estimate of total quantity of production of a specific crop in the hth 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 ith EA in the hth 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 ith EA in the hth 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 ith 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 ith 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.

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

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 2010/2011 (2003 E.C)

Ethiopia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	11,822,786.20	189,200.53	1.6	203,485,288.33	3,821,901.44	1.88
Cereals	9,690,733.96	144,544.81	1.49	177,613,365.84	3,364,155.26	1.89
Teff	2,761,190.05	78,894.41	2.86	34,834,826.26	1,270,396.10	3.65
Barley	1,046,555.30	49,139.04	4.7	17,033,465.36	1,005,761.73	5.9
Wheat	1,553,239.89	64,068.41	4.12	28,556,817.43	1,459,974.86	5.11
Maize	1,963,179.51	59,552.57	3.03	49,861,254.95	1,700,053.49	3.41
Sorghum	1,897,733.98	73,973.38	3.9	39,598,973.86	1,870,244.52	4.72
Finger millet	408,110.31	24,172.06	5.92	6,348,257.88	434,857.16	6.85
Oats / 'Aja'	30,858.76	4,771.92	15.46	475,650.57	84,274.16	17.72
Rice	29,866.16	12,156.60	40.7	904,119.53	391,975.62	43.35
Pulses	1,357,522.68	41,378.71	3.05	19,531,935.01	693,454.38	3.55
Horse beans	459,183.51	19,961.64	4.35	6,977,983.87	347,847.54	4.98
Field peas	203,990.64	10,829.93	5.31	2,570,314.09	160,044.83	6.23
Haricot beans	237,366.39	15,633.63	6.59	3,402,795.18	278,840.82	8.19
Chick-peas	208,388.62	18,789.96	9.02	3,228,388.27	298,159.67	9.24
Lentils	77,334.22	7,674.89	9.92	809,517.33	105,459.38	13.03
Vetch	131,043.99	13,566.46	10.35	2,009,485.58	233,118.01	11.6
Soya beans	11,261.12	3,089.99	27.44	158,244.22	50,824.50	32.12
Fenugreek	14,670.04	2,376.49	16.2	179,052.29	39,071.23	21.82
Gibto	14,284.15	3,229.33	22.61	196,154.18	54,072.03	27.57
Oilseeds	774,529.55	88,378.85	11.41	6,339,987.49	774,410.97	12.21
Neug	247,611.17	20,200.49	8.16	1,448,474.82	135,711.45	9.37
Linseed	73,687.70	6,107.83	8.29	654,205.76	85,334.44	13.04
Groundnuts	49,602.97	9,700.66	19.56	716,068.37	134,985.95	18.85
Safflower	5,489.79	1,370.30	24.96	50,667.88	12,251.09	24.18
Sesame	384,682.79	85,915.39	22.33	3,277,409.22	750,087.11	22.89
Rape seed	13,455.12	1,929.80	14.34	193,161.43	29,818.32	15.44

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Tigray

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	834,460.76	49,925.70	5.98	14,634,221.61	877,973.63	6
Cereals	713,491.63	39,358.71	5.52	13,093,564.92	770,433.03	5.88
Teff	165,803.79	16,445.59	9.92	2,095,066.76	267,350.88	12.76
Barley	90,648.61	7,690.09	8.48	1,633,857.76	154,547.92	9.46
Wheat	100,175.69	10,332.84	10.31	1,925,079.14	191,595.88	9.95
Maize	62,857.22	4,378.39	6.97	1,498,527.18	113,526.29	7.58
Sorghum	216,878.62	21,545.62	9.93	4,663,940.47	480,285.48	10.3
Finger millet	76,065.32	9,142.05	12.02	1,241,030.18	162,450.14	13.09
Oats / 'Aja'	*	*	*	*	*	*
Rice	*	*	*	*	*	*
Pulses	36,701.18	3,943.96	10.75	515,320.30	56,082.39	10.88
Horse beans	12,745.64	1,851.11	14.52	175,630.70	27,520.08	15.67
Field peas	3,333.92	876.23	26.28	43,310.94	10,925.65	25.23
Haricot beans	*	*	*	*	*	*
Chick-peas	6,660.21	1,539.83	23.12	93,336.09	19,606.03	21.01
Lentils	4,738.73	1,144.18	24.15	60,360.98	17,573.47	29.11
Vetch	7,271.42	1,802.12	24.78	114,689.45	29,286.14	25.54
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*
Gibto	-	-	-	-	-	-
Oilseeds	84,267.95	20,918.77	24.82	1,025,336.39	198,102.93	19.32
Neug	4,456.23	1,371.09	30.77	62,350.20	19,739.47	31.66
Linseed	6,210.17	1,055.78	17	76,430.76	27,752.46	36.31
Groundnuts	*	*	*	*	*	*
Safflower	159.51	71.84	45.04	*	*	*
Sesame	73,424.85	21,044.16	28.66	884,596.87	197,333.45	22.31
Rape seed	7.34	3.55	48.32	*	*	*

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Afar

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	9,308.23	3,945.27	42.38	148,669.03	57,896.71	38.94
Cereals	7,673.08	3,052.65	39.78	132,021.59	49,300.82	37.34
Teff	*	*	*	*	*	*
Barley	*	*	*	*	*	*
Wheat	*	*	*	-	-	-
Maize	*	*	*	*	*	*
Sorghum	2,700.93	1,312.96	48.61	46,437.50	22,808.80	49.12
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	*	*	*	-	-	-
Rice	-	-	-	-	-	-
Pulses	*	*	*	*	*	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	*	*	*	*	*	*
Chick-peas	*	*	*	*	*	*
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	*
Neug	-	-	-	-	-	-
Linseed	*	*	*	*	*	*
Groundnuts	-	-	-	-	-	-
Safflower	*	*	*	*	*	*
Sesame	*	*	*	*	*	*
Rape seed	*	*	*	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Amhara

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	4,149,607.81	127,614.82	3.08	67,051,378.76	2,378,641.37	3.55
Cereals	3,271,029.77	84,283.23	2.58	57,024,269.56	1,986,420.70	3.48
Teff	1,014,267.85	48,051.08	4.74	12,791,077.03	730,964.83	5.71
Barley	328,268.73	27,399.01	8.35	4,307,415.54	404,365.91	9.39
Wheat	498,748.68	36,082.49	7.23	8,248,603.21	777,843.81	9.43
Maize	472,260.11	21,874.37	4.63	12,148,054.20	662,553.31	5.45
Sorghum	710,731.78	53,865.53	7.58	15,335,860.75	1,458,690.96	9.51
Finger millet	216,959.97	20,078.26	9.25	3,360,009.75	358,515.59	10.67
Oats / 'Aja'	5,769.06	1,140.46	19.77	73,404.43	17,519.45	23.87
Rice	*	*	*	*	*	*
Pulses	553,380.72	27,406.79	4.95	7,633,192.01	427,171.06	5.6
Horse beans	175,947.79	12,364.06	7.03	2,502,825.36	196,444.28	7.85
Field peas	77,205.48	6,384.79	8.27	913,252.40	89,310.46	9.78
Haricot beans	38,052.40	7,201.65	18.93	510,557.37	112,525.78	22.04
Chick-peas	108,810.77	11,474.48	10.55	1,776,946.36	217,524.28	12.24
Lentils	45,391.56	5,789.63	12.75	413,579.73	60,757.79	14.69
Vetch	82,531.02	11,204.67	13.58	1,172,435.18	169,012.55	14.42
Soya beans	*	*	*	*	*	*
Fenugreek	8,835.90	2,199.40	24.89	117,583.37	34,628.60	29.45
Gibto	13,992.40	3,227.46	23.07	194,569.95	54,062.77	27.79
Oilseeds	325,197.32	82,494.92	25.37	2,393,917.18	715,348.42	29.88
Neug	76,320.17	11,133.99	14.59	444,195.66	69,898.08	15.74
Linseed	25,335.05	2,712.30	10.71	143,925.55	18,423.74	12.8
Groundnuts	*	*	*	*	*	*
Safflower	4,141.17	1,270.00	30.67	40,502.22	11,763.40	29.04
Sesame	207,103.06	82,328.15	39.75	1,577,518.60	714,322.41	45.28
Rape seed	9,560.03	1,869.43	19.55	138,178.65	28,625.28	20.72

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	5,435,862.15	124,212.24	2.29	98,806,640.88	2,742,386.38	2.78
Cereals	4,576,386.63	104,744.56	2.29	87,972,328.47	2,495,783.26	2.84
Teff	1,289,405.27	57,210.96	4.44	16,718,025.31	973,795.63	5.82
Barley	513,707.03	37,721.48	7.34	9,085,451.20	862,050.00	9.49
Wheat	815,975.59	50,768.94	6.22	15,832,119.46	1,193,327.45	7.54
Maize	1,109,276.03	51,982.38	4.69	28,805,965.97	1,486,800.73	5.16
Sorghum	739,361.26	44,395.11	6	15,805,450.93	1,044,807.75	6.61
Finger millet	81,808.99	8,658.54	10.58	1,278,280.81	166,904.31	13.06
Oats / 'Aja'	24,494.31	4,630.70	18.91	394,621.24	82,386.01	20.88
Rice	2,358.14	1,065.54	45.19	*	*	*
Pulses	552,162.41	29,073.90	5.27	8,477,228.73	509,894.77	6.01
Horse beans	199,063.27	14,855.78	7.46	3,244,771.28	275,538.22	8.49
Field peas	77,605.85	7,396.96	9.53	1,066,472.73	115,901.15	10.87
Haricot beans	112,779.68	11,930.52	10.58	1,696,436.80	201,447.72	11.87
Chick-peas	85,119.16	14,644.88	17.21	1,285,867.67	201,680.90	15.68
Lentils	26,560.42	4,903.65	18.46	331,558.18	84,380.93	25.45
Vetch	40,691.03	7,428.88	18.26	720,244.08	157,859.32	21.92
Soya beans	4,835.54	1,964.48	40.63	74,897.61	36,556.53	48.81
Fenugreek	5,303.58	878.39	16.56	56,725.93	17,861.45	31.49
Gibto	203.89	99.1	48.61	*	*	*
Oilseeds	307,313.11	23,147.41	7.53	2,357,083.69	200,311.81	8.5
Neug	158,747.75	16,687.54	10.51	904,928.50	114,237.17	12.62
Linseed	40,778.05	5,365.61	13.16	427,061.87	78,555.90	18.39
Groundnuts	32,967.80	9,194.30	27.89	422,650.44	110,341.05	26.11
Safflower	*	*	*	*	*	*
Sesame	70,238.66	11,931.56	16.99	544,242.35	102,783.80	18.89
Rape seed	3,655.13	460.72	12.6	52,731.03	8,248.21	15.64

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Somale

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	70,212.35	8,159.25	11.62	1,127,660.48	174,500.94	15.47
Cereals	67,922.29	7,976.86	11.74	1,059,696.82	153,648.96	14.5
Teff	*	*	*	-	-	-
Barley	*	*	*	*	*	*
Wheat	4,279.81	1,957.58	45.74	73,360.86	31,914.52	43.5
Maize	28,094.49	3,811.09	13.57	492,640.60	75,269.94	15.28
Sorghum	34,608.39	4,870.00	14.07	483,801.68	91,527.88	18.92
Finger millet	*	*	*	-	-	-
Oats / 'Aja'	*	*	*	*	*	*
Rice	-	-	-	-	-	-
Pulses	*	*	*	*	*	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	*	*	*	*	*	*
Chick-peas	-	-	-	-	-	-
Lentils	*	*	*	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	*
Neug	-	-	-	-	-	-
Linseed	*	*	*	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	-	-	-	-	-	-
Sesame	*	*	*	*	*	*
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Benishangul - Gumuz

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	227,568.98	12,880.76	5.66	3,674,707.94	247,458.64	6.73
Cereals	168,190.70	9,241.14	5.49	3,064,309.83	205,547.14	6.71
Teff	23,648.11	3,741.97	15.82	231,072.90	48,077.92	20.81
Barley	1,264.49	461.39	36.49	14,440.57	5,339.92	36.98
Wheat	2,690.40	1,245.50	46.29	29,841.65	12,247.35	41.04
Maize	43,855.14	4,065.11	9.27	1,172,924.62	118,536.67	10.11
Sorghum	66,575.66	7,144.75	10.73	1,176,088.68	119,366.41	10.15
Finger millet	29,472.09	4,713.74	15.99	426,257.01	79,191.92	18.58
Oats / 'Aja'	*	*	*	*	*	*
Rice	*	*	*	*	*	*
Pulses	11,008.79	2,067.85	18.78	162,002.69	35,913.97	22.17
Horse beans	794.65	256.86	32.32	14,156.72	4,798.10	33.89
Field peas	504.82	240.04	47.55	*	*	*
Haricot beans	5,966.06	1,534.90	25.73	89,031.50	24,950.99	28.02
Chick-peas	263.66	108.77	41.26	1,013.29	389.66	38.45
Lentils	*	*	*	*	*	*
Vetch	-	-	-	-	-	-
Soya beans	*	*	*	*	*	*
Fenugreek	*	*	*	*	*	*
Gibto	*	*	*	*	*	*
Oilseeds	48,369.49	5,141.69	10.63	448,395.41	75,814.89	16.91
Neug	7,804.95	1,920.24	24.6	36,186.80	9,569.49	26.44
Linseed	439.59	162.44	36.95	2,090.33	847.35	40.54
Groundnuts	9,968.73	2,455.31	24.63	158,211.51	49,899.37	31.54
Safflower	*	*	*	*	*	*
Sesame	30,005.88	3,789.67	12.63	250,087.46	52,624.60	21.04
Rape seed	*	*	*	323.97	151.11	46.64

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

S.N.N.P.R.

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	1,066,825.51	36,603.48	3.43	17,551,623.35	749,306.17	4.27
Cereals	859,340.71	33,299.11	3.87	14,801,477.56	692,762.18	4.68
Teff	265,377.07	18,864.37	7.11	2,967,593.60	238,976.62	8.05
Barley	111,756.36	13,467.69	12.05	1,982,127.82	284,546.99	14.36
Wheat	131,162.87	10,638.32	8.11	2,446,019.54	254,120.86	10.39
Maize	237,354.61	17,712.36	7.46	5,565,463.40	455,140.93	8.18
Sorghum	107,735.23	7,584.55	7.04	1,751,254.81	154,275.24	8.81
Finger millet	3,800.09	620.75	16.34	42,665.84	6,990.71	16.38
Oats / 'Aja'	301.95	93.81	31.07	2,885.63	967.6	33.53
Rice	*	*	*	*	*	*
Pulses	202,224.44	9,765.38	4.83	2,724,166.37	184,181.18	6.76
Horse beans	70,622.50	4,627.14	6.55	1,040,558.26	75,537.22	7.26
Field peas	45,338.44	4,580.54	10.1	540,113.47	63,812.97	11.81
Haricot beans	76,893.19	6,824.66	8.88	1,062,783.77	153,550.74	14.45
Chick-peas	7,498.04	2,131.30	28.42	70,805.64	22,858.75	32.28
Lentils	574.18	165.85	28.88	3,641.04	1,071.63	29.43
Vetch	549.61	261.13	47.51	*	*	*
Soya beans	498.44	229.2	45.98	3,042.48	1,496.00	49.17
Fenugreek	246.5	116.73	47.35	*	*	*
Gibto	*	*	*	-	-	-
Oilseeds	5,260.36	1,972.51	37.5	25,979.42	7,218.82	27.79
Neug	*	*	*	*	*	*
Linseed	840.61	119.72	14.24	4,681.37	765.21	16.35
Groundnuts	635.04	287.7	45.3	*	*	*
Safflower	71.72	27.04	37.71	756.94	317.2	41.91
Sesame	*	*	*	*	*	*
Rape seed	*	*	*	*	*	*

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Gambela

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	9,847.66	821.25	8.34	188,797.37	18,932.03	10.03
Cereals	9,770.36	821.47	8.41	188,508.17	18,950.51	10.05
Teff	*	*	*	*	*	*
Barley	*	*	*	*	*	*
Wheat	*	*	*	*	*	*
Maize	6,051.10	617.37	10.2	102,459.40	10,867.05	10.61
Sorghum	3,528.41	505.36	14.32	82,146.46	14,842.30	18.07
Finger millet	*	*	*	*	*	*
Oats / 'Aja'	*	*	*	-	-	-
Rice	*	*	*	*	*	*
Pulses	41.88	12.34	29.46	162.04	51.52	31.79
Horse beans	*	*	*	*	*	*
Field peas	*	*	*	-	-	-
Haricot beans	25.31	6.39	25.27	120.5	37.09	30.78
Chick-peas	*	*	*	-	-	-
Lentils	*	*	*	-	-	-
Vetch	*	*	*	-	-	-
Soya beans	*	*	*	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	35.42	13.65	38.55	*	*	*
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	*	*	*	-	-	-
Sesame	13.3	6.42	48.28	-	-	-
Rape seed	*	*	*	*	*	*

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Harari

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	9,418.12	880.33	9.35	135,869.87	15,745.96	11.59
Cereals	7,728.84	663.19	8.58	119,138.82	15,539.05	13.04
Teff	*	*	*	-	-	-
Barley	17.48	7.81	44.69	166.36	76.38	45.91
Wheat	116.51	38.31	32.88	1,400.48	460.58	32.89
Maize	808.72	131.8	16.3	16,204.28	3,422.37	21.12
Sorghum	6,762.14	608.7	9	101,163.00	13,713.89	13.56
Finger millet	*	*	*	-	-	-
Oats / 'Aja'	*	*	*	*	*	*
Rice	-	-	-	-	-	-
Pulses	*	*	*	*	*	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	*	*	*	*	*	*
Chick-peas	*	*	*	*	*	*
Lentils	*	*	*	*	*	*
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	1,686.98	424.43	25.16	16,690.29	4,103.06	24.58
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	1,679.31	422.61	25.17	16,653.68	4,088.31	24.55
Safflower	-	-	-	-	-	-
Sesame	*	*	*	*	*	*
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2010/2011 (2003 E.C)

Dire Dawa

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	9,674.62	851.56	8.8	165,719.03	19,251.29	11.62
Cereals	9,199.96	846.49	9.2	158,050.09	19,079.25	12.07
Teff	-	-	-	-	-	-
Barley	*	*	*	28.11	12.9	45.88
Wheat	*	*	*	*	*	*
Maize	320.34	95.5	29.81	5,052.68	1,596.59	31.6
Sorghum	8,851.57	887.07	10.02	152,829.58	19,562.27	12.8
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	273.04	63.01	23.08	5,051.98	1,301.40	25.76
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	272.98	63.01	23.08	5,051.98	1,301.40	25.76
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	201.63	92.78	46.01	*	*	*
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	-	-	-	-	-	-
Sesame	49.97	17.45	34.93	515.46	211.56	41.04
Rape seed	-	-	-	-	-	-

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 2008/9 (2001 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 Gonder	49	49	980	979
	South Gonder	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

Ag.S.S. Form **2003**/0

Central Statistical Agency

National Integrated Household Survey

Agricultural Sample Survey, 2010/2011 (2003 E.C)

Part I - Identification Particulars

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

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

1	2	3		4		5	6	7
Household ID	Name of Household Head	Is there Agricultural Holder in The Household? Yes = 1 No = 2	code	Agricultural / Non - agricultural Holder ID Within the Household		Holder's Name	Agricultural Household ID	Selection Order

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

1.Total Number of Agricultural Households_____

2. Random Interval _____

3. Random Start _____

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

1	2	3		4		5	6	7
Household ID	Name of Household Head	Is there Agricultural Holder in The Household? Yes = 1 No = 2	code	Agricultural / Non - agricultural Holder ID Within the Household		Holder's Name	Agricultural Household ID	Selection Order

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

1.Total Number of Agricultural Households_____

2. Random Interval _____

3. Random Start _____

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Ag.S.S, Form 2003/1

Central Statistical Agency

National Integrated Household Survey

Agricultural Sample Survey, 2010/2011 (2003 E.C)

Part I - Identification Particulars

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

Part II – List of Selected Agricultural Households and Holders

1	2	3	4	5	6	7
Household ID	Name of Household Head	Holder ID	Name of Holder	Farm Type Crop = 1 Livestock = 2 Both = 3 Crop & non-agri=4 Livestck &non-agri=5 All = 6 Non-agri = 7 code	Selection Order	Remarks

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

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Part II – List of Selected Agricultural Households and Holders

1	2	3	4	5	6	7
Household ID	Name of Household Head	Holder ID	Name of Holder	Farm Type Crop = 1 Livestock = 2 Both = 3 code	Selection Order	Remarks

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

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Form AgSS 2003/2A

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2010/2011 (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 – CROP FIELD / OTHER LAND USE

15		16	17					
			PARCEL NO.		FIELD NO.			
			IS THE FIELD PURE STAND =1 MIXED CROP =2 OTHER LAND USE=3					
			CROP/OTHER NAME		CROP NAME		CROP NAME	
SER. NO.		QUESTIONS FOR THE HOLDER	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* Quantity of improved seeds used	Kilo	Gram	Kilo	Gram	Kilo	Gram
1	3	*For Cereals, Pulses & Oilseeds only* Price of improved seeds used	Birr	Cents	Birr	Cents	Birr	Cents
1	4	*For Cereals, Pulses & Oilseeds only* Quantity of indigenous seeds used	Kilo	Gram	Kilo	Gram	Kilo	Gram
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						
		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 2nd harvest?	Crop name	code	Crop name	code	Crop name	code
2	7	What was the previous state of the field ? Falow =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 measurement	Is the field measured? yes =1 No =2 →						
	Area of measured field		**Is the field** **Flat =1** **Partialy 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**	**Comments**
	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			

Form AgSS2003/2B

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 holing? 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		

Form AgSS. 2003/4

CENTRAL STATISTICAL AUTHORITY

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

Part I – Identification Particular

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	Farmers' Association	E.A	Household ID	Household Head Sex M = 1 F = 2	Holder ID	Holder's Name	Age	Sex M = 1 F = 2	Educational Level Highest grade Completed	Household Size	Holding type Crop = 1 Livestock = 2 Both = 3

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

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				Crop name																			
Parcel No.	Field No.	Crop name	code	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.	Field No.	Selected Field No.

Form AgSS. 2003/5

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2010/11

(2003 E.C)

Part I – Identification Particular

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	Farmers' Association	E.A	Household ID	Household Head Sex M = 1 F = 2	Holder ID	Holder's Name	Age	Sex M = 1 F = 2	Educational Level Highest grade Completed	Household Size	Holding type Crop = 1 Livestock = 2 Both = 3

Part II – Temporary Crop Cutting Results

15	16	17	18	19		20		21		22		23		24		25	26	27	28	
Parcel No.	Field No.	Crop name	code	Crop cutting day	month	Fresh Weight Of the harvest Kilo	Gram	Dry Weighing Day	Month	Dry Weight Kilo	Gram	Was the Crop used before harvest Yes = 1 No = 2 code		Was there any crop damage? Yes = 1 No = 2 Code		If yes Cause of damage	Code	Percent of crop damaged	Crop Stand Pure stand = 1 Mixed = 2 code	