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CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

2013 / 2014 (2006 E.C.)

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 2013/14 (2006 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 2013/14 (2006 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 2013/14 (2006 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 **2,250** Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 37 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover **2,226** EAs (98.93%) 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 45,000 agricultural households, however, 44,993 (99.98 %) 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

2013/14 (2006 E.C.) agricultural sample survey was determined by taking into account 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 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, 695 field supervisors and 74 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 Mekele, the Tigray Regional State's capital, and lasted 6 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 20 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 2013/14 (2006 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, 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.

Editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then 74 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 cultivated) 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 2013/14 (2006 E.C.), Post-Harvest Crop Production Survey, Meher Season

The results of the year 2013/14 (2006 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 of agricultural produce will be made available at national, regional and zonal reporting levels, consecutively, following this report. This report, however, presents quantitative information on cropped land area and production of both temporary and permanent crops at Country, Regional and Zonal reporting levels.

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

3.2.1 Grain Crops:- refers to the major crop category that included cereals, pulses and oilseeds, which not only constituted the major food crops for the majority of the country's

population but also served as a source of income at household level and a contributor for the country's foreign currency earnings, among others.

The results of the year **2013/14 (2006 E.C.)**, Meher Season Post-harvest Crop Production Survey indicate that a total land area of about **12,407,473.46** hectares are covered by grain crops i.e. cereals, pulses and oilseeds, from which a total volume of about **251,536,623.90** 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, 2013/14 (2006 E.C.), Meher Season

Crop Category	Total Area in Hectare	%	Total Production in Qts	%
Cereals.....	9,848,745.96	79.38	215,835,225.61	85.81
Pulses.....	1,742,602.19	14.04	28,588,805.90	11.37
Oil Crops.....	816,125.31	6.58	7,112,592.38	2.83
<u>Grain Crops.....</u>	<u>12,407,473.46</u>	<u>100</u>	<u>251,536,623.90</u>	<u>100</u>

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

Out of the total grain crop area, 79.38% (9,848,745.96 hectares) was under cereals. Teff, maize, sorghum and wheat took up 24.31% (about 3,016,521.90 hectares), 16.08% (about 1,994,813.80 hectares), 13.52 % (1,677,486.33 hectares) and 12.94% (1,605,653.90 hectares) of the grain crop area, respectively. As to production, the tables paint similar picture as that of the area. Cereals contributed 85.81% (about 215,835,225.61 quintals) of the grain production. Maize, teff, wheat and sorghum made up 25.81% (64,915,402.92 quintals), 17.57% (44,186,225.01 quintals), 15.60% (39,251,941.35 quintals) and 15.22% (38,288,701.03 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.

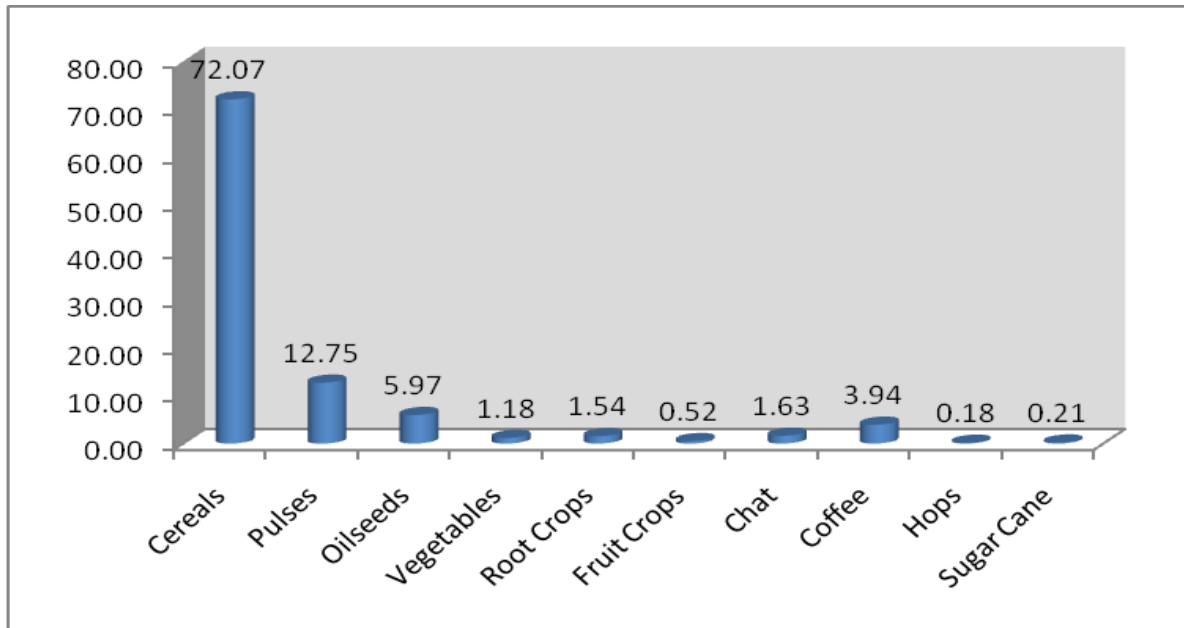
Pulses grown in 2013/14 (2006 E.C.) covered 14.04 % (1,742,602.19 hectares) of the grain crop area and 11.37% (about 28,588,805.90 quintals) of the grain production was drawn from the same crops. Faba beans, haricot beans (white), haricot beans (red), and chick peas were planted to 4.34 % (about 538,458.21 hectares), 1.07% (about 133,372.84 hectares), 1.56% (about 193,093.04 hectares) and 1.85% (about 229,720.74 hectares) of the grain crop area. The production obtained from faba beans, haricot beans(white) haricot beans (red) and chick peas was 3.94% (about 9,917,002.83 quintals), 0.79% (about 1,987,777.65 quintals) 1.03% (2,586,338.48 quintals) and 1.68% (4,238,148.39 quintals) 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.

Oil seeds added 6.58 % (about 816,125.31 hectares) of the grain crop area and 2.83% (about 7,112,592.38 quintals) of the production to the national grain total. Neug, sesame and linseed covered 2.30% (about 285,303.47 hectares), 2.42% (about 299,724.41 hectares) and 0.77% (about 95,582.79 hectares) of the grain crop area and 0.88% (about 2,202,111.90 quintals), 0.88% (about 2,202,160.53 quintals) and 0.35% (about 879,459.08 quintals) of the grain production, respectively.

3.2.2 Vegetables- holders living near to urban centres largely practice vegetable farming. Most vegetables are not commonly practiced by the rural private peasant holders, hence the small volume of production recorded as well evidenced by the survey results. Figure 1 underlines this more in the report. Vegetables took up about 1.18 % of the area under all crops at national level. However, Of the total estimated area under vegetables, the lion share which is about 67.53% and 21.37% was under Red peppers and Ethiopian Cabbage, respectively(See Statistical Table 2). Production of vegetables contribute 2.0% of the total crops production, conversely, of the total production of vegetables, the above mentioned crops have the lions share, i.e. about 35.16 % and 49.85%, in that order.

**Figur 1: Percentage Distribution of Area Under Major Crops;
2013/14 Meher Season**



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

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

About 71,507.13 hectares of land is under fruit crops in Ethiopia. Bananas contributed about 57.84% of the fruit crop area followed by mangoes that contributed 14.47% of the area. More than 4,991,837.64 quintals of fruits was produced in the country. Bananas, Papayas, Mangoes and Oranges took up 68.11%, 6.33%, 14.46% and 6.25% of the fruit production, respectively, as shown in Table 2.

**Table 2: Area, Production and Yield Of Crops For Private Peasant Holdings
For Meher Season 2013/14 (2006 E.C)**

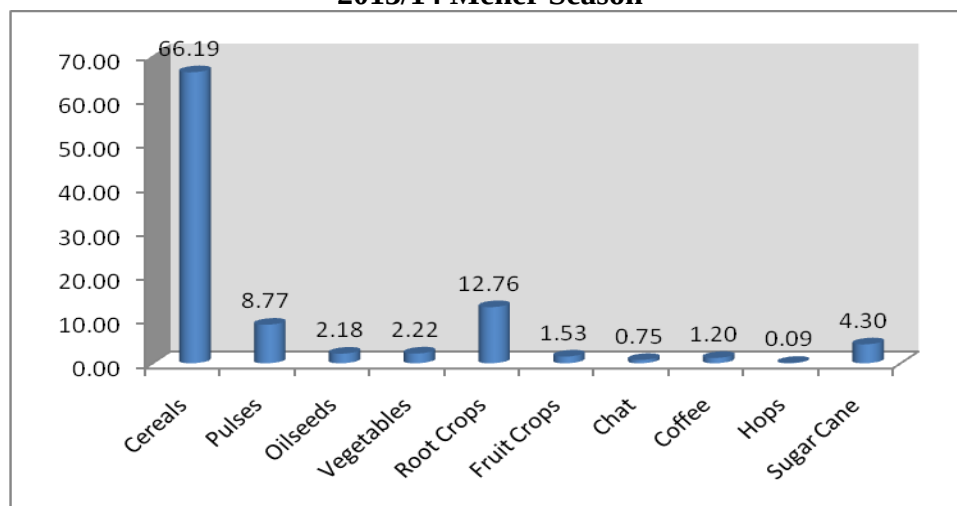
Ethiopia

Crop	Number of Holders	Area in Hectares	% Distribution	Production in Quintals	% Distribution	Yield (QT/HA)
Grain Crops.	14,093,660.00	12,407,473.46	100.00	251,536,623.90	100.00	
Cereals.....	13,419,762.00	9,848,745.96	79.38	215,835,225.61	85.81	
Teff.....	6,613,090.00	3,016,521.90	24.31	44,186,421.95	17.57	14.65
Barley.....	4,461,616.00	1,019,477.93	8.22	19,082,624.11	7.59	18.72
Wheat.....	4,746,231.00	1,605,653.90	12.94	39,251,741.35	15.60	24.45
Maize.....	8,809,221.00	1,994,813.80	16.08	64,915,402.92	25.81	32.54
Sorghum.....	4,788,499.00	1,677,486.33	13.52	38,288,701.03	15.22	22.83
Finger millet.....	1,608,823.00	454,662.33	3.66	8,489,564.26	3.38	18.67
Oats/'Aja'.....	290,613.00	35,617.76	0.29	616,502.59	0.25	17.31
Rice.....	119,497.00	33,819.65	0.27	923,627.30	0.37	27.31
Masho.....	58,098.00	10,692.38	0.09	80,640.10	0.03	7.54
Pulses.....	8,336,953.00	1,742,602.19	14.04	28,588,805.90	11.37	
Faba beans.....	4,367,445.00	538,458.21	4.34	9,917,002.83	3.94	18.42
Field peas.....	2,005,888.00	275,386.33	2.22	3,798,130.84	1.51	13.79
Haricot beans white....	1,247,557.00	133,372.84	1.07	1,987,777.65	0.79	14.90
Haricot beans red.....	2,095,334.00	193,093.04	1.56	2,586,338.48	1.03	13.39
Chick-peas.....	994,079.00	229,720.74	1.85	4,238,148.39	1.68	18.45
Lentils.....	848,708.00	125,830.74	1.01	1,591,212.26	0.63	12.65
Grass peas.....	829,404.00	169,441.21	1.37	3,173,220.59	1.26	18.73
Soya beans.....	112,270.00	30,517.38	0.25	610,249.16	0.24	20.00
Fenugreek.....	634,582.00	24,426.24	0.20	456,266.15	0.18	18.68
Gibto.....	125,400.00	22,355.46	0.18	230,459.55	0.09	10.31
Oilseeds.....	3,687,135.00	816,125.31	6.58	7,112,592.38	2.83	
Neug.....	1,003,033.00	285,303.47	2.30	2,202,111.90	0.88	7.72
Linseed.....	1,026,972.00	95,582.79	0.77	879,459.08	0.35	9.20
Groundnuts.....	352,077.00	79,947.03	0.64	1,120,887.24	0.45	14.02
Sunflower.....	248,007.00	11,526.27	0.09	83,470.97	0.03	7.24
Sesame.....	689,977.00	299,724.41	2.42	2,202,160.53	0.88	7.35
Rapeseed.....	1,181,511.00	44,041.34	0.35	624,502.66	0.25	14.18
Vegetables.....	6,168,016.00	161,487.93	100.00	7,228,936.61	100.00	
Lettuce.....	42,103.00	239.88	0.15	*	-	*
Head Cabbage.....	424,084.00	3,961.84	2.45	270,188.32	3.74	68.20
Ethiopian Cabbage...	3,556,645.00	34,503.80	21.37	3,603,271.60	49.85	104.43
Tomatoes.....	241,355.00	7,257.45	4.49	393,730.22	5.45	54.25
Green peppers.....	1,134,545.00	6,167.47	3.82	412,503.57	5.71	66.88
Red peppers.....	1,956,999.00	109,050.25	67.53	2,541,883.97	35.16	23.31
Swiss chard.....	86,408.00	307.23	0.19	*	-	*
Root Crops.....	6,403,663.00	209,879.65	100.00	41,608,725.14	100.00	
Beetroot.....	374,001.00	1,643.15	0.78	140,749.38	0.34	85.66
Carrot.....	133,556.00	1,602.46	0.76	67,120.34	0.16	41.89
Onion.....	773,807.00	24,375.70	11.61	2,197,352.67	5.28	90.15
Potatoes.....	1,437,697.00	66,745.61	31.80	7,849,934.00	18.87	117.61
Yam/'Boye'.....	249,721.00	3,075.62	1.47	-	-	-
Garlic.....	2,667,163.00	16,411.19	7.82	1,590,935.75	3.82	96.94
Taro/'Godere'.....	1,534,451.00	42,656.73	20.32	11,935,383.02	28.68	279.80
Sweet potatoes.....	1,531,127.00	53,369.19	25.43	17,827,249.97	42.84	334.04
Fruit Crops.....	3,612,308.00	71,507.13	100.00	4,991,837.63	100.00	
Avocados.....	1,243,912.00	10,590.59	14.81	182,063.62	3.65	17.19
Bananas.....	2,305,291.00	41,356.88	57.84	3,400,125.83	68.11	82.21
Guavas.....	276,754.00	2,039.71	2.85	8,502.82	0.17	4.17
Lemons.....	186,253.00	1,128.15	1.58	46,609.50	0.93	41.31
Mangoes.....	997,195.00	10,344.51	14.47	721,869.77	14.46	69.78
Oranges.....	425,391.00	3,244.80	4.54	311,826.52	6.25	96.10
Papayas.....	542,070.00	2,467.63	3.45	315,882.51	6.33	128.01
Pineapples.....	38,438.00	*	-	*	*	*
Chat.....	2,755,204.00	222,078.54		2,450,629.21		11.03
Coffee.....	4,546,785.00	538,466.80		3,920,062.22		7.28
Hops.....	2,136,154.00	24,726.79		305,876.32		12.37
Sugar Cane.....	1,151,342.00	29,103.59		14,034,441.14		482.22

Crop	Number Of Trees Harvested	Production In Quintals			Yield(Qts/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	130,630,473.00	1,143,132.27	4,720,355.36	1,225,934.66	0.24	0.27	0.01

3.2.5 Stimulant crops – Farmers engaged in growing and producing stimulant crops such as coffee and Chat are greater in number than those growing fruits. The area and production of these crops are also larger than that of fruits since they earn a considerable amount of cash for the holders. Table 2 show Chat and Coffee shared 1.58% and 3.84% of the area under all crops in the country and 2,450,629.21 and 3,920,062.22 quintals of produce was obtained from these crops in the same agricultural year respectively.

**Figur 2: Percentage Distribution of Production Under Major Crops;
2013/14 Meher Season**



3.2.6 Sugar Cane - is grown in small areas in some parts of the country within the private peasant holdings. About 29,103.59 hectares of land was under sugar cane in the country, yielding an estimated total of 14,034,441.14 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. The number of Enset trees to be harvested, in the current agricultural year, from all over the country is estimated to be 130,630,473.0 Thus, the total produce in the form of Amicho, Kocho, and Bula is 31,143,132.27 quinals, 34,720,355.36 quintals and 1,225,934.66 quintals respectively (see Table 4).

3.3 Comparison of the current year 2013/14 (2006 E.C.) Post - Harvest Crop yield with 2012/13 (2005 E.C), 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 2013/14 (2006 E.C.) Agricultural Sample Survey with last year i.e. **2012/13 (2005 E.C)** crop yield estimates of the same crops.

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

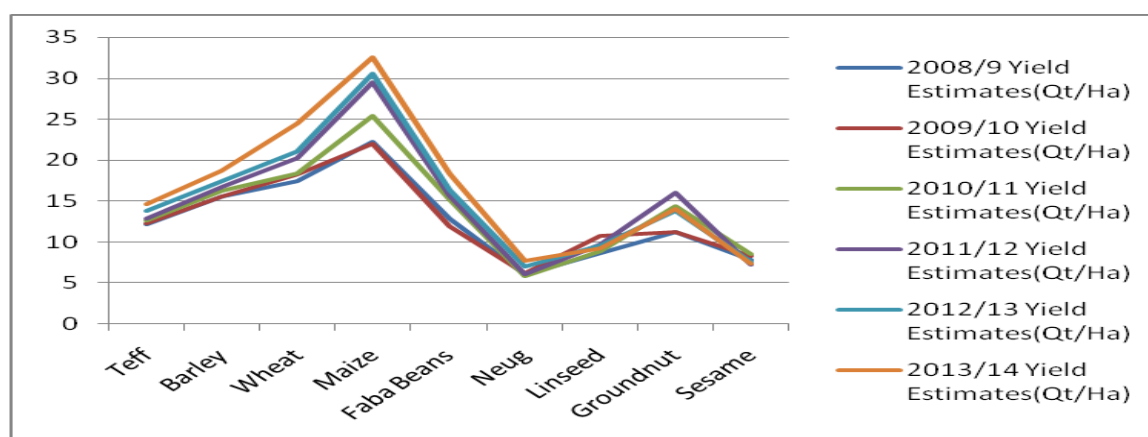
Consequently, the outcome of such comparisons are believed to serve as problem area indicators for concerned stakeholders to develop and implement corrective measures, that could help to accelerate the speed of transforming the existing agriculture into commercial agriculture. Thus, to meet the objectives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

Since the rain fall was normal and adequate in the current crop-growing season, the 2013/14 (2006 E.C.) main season crop production has shown significant increament both in the estimated cropped land area and volume of grain crops production. As indicated in Table 3, the 2013/14 (2006 E.C.) estimated cropped area and volume of production have increased by about **1.01 %** and **8.54%** over last year 2012/13 (2005 E.C) post harvest estimate.

Conversely, with regard to estimated crop yield, crops such as maze, teff, and wheat within the category of cereals have shown an increment, that ranges from 25.40 Qt/Ha to 32.54 Qt/Ha for Maize; from 12.62 Qt/Ha to 14.65 Qt/Ha for Teff; and from 18.39 to 24.45 Qt/Ha for Wheat over the last four years (2010/11 - 2013/14) Post-harvest estimates. Similarly crops such as faba beans and linseed have shown an increment that ranges from 12.92 to 18.42

Qt/Ha for faba beans and from 8.63 to 9.20 Qt/Ha for linseed over 2008/9 and 2013/14 estimates. (See Figure 3).

Fig 3: Trends Of Estimated Crop Yields For Major Food Crops 2008/9 – 2013/14, Meher Season



Following the same Pattern, the results of the **2013/14 (2006 E.C.)**, Post-harvest agricultural Sample Survey, indicates that both the largest grain cropped land area and the highest volume of production obtained in the current Meher season is reported for Oromia, Amhara, SNNP, Tigray and Benshangul-Gumuz Regions.

Table 3 - Estimate of Area and Production of Grain Crops for 2012/13 (2005 E.C) and 2013/14 (2006 E.C.), Meher Season

Region	Area in hectare			Production in quintal		
	2012/13 (2005 E.C)	2013/14 (2006 E.C.)	% Change	2012/13 (2005 E.C)	2013/14 (2006 E.C.)	% Change
TIGRAY	877,506.12	903,226.95	2.93	15,463,990.11	16,010,815.83	3.54
AFAR	3,754.37	6,673.55	77.75	195,769.21	188,269.63	-3.83
AMHARA	4,366,386.09	4,404,711.72	0.88	73,122,044.45	81,557,674.94	11.54
OROMIA	5,598,771.59	5,652,623.88	0.96	114,681,202.22	125,380,837.17	9.33
SOMALI	69,212.30	72,713.30	5.06	2,059,491.14	1,933,298.89	-6.13
BENISHANGUL-GUMUZ	243,931.23	244,577.66	0.27	4,420,519.00	4,448,424.95	0.63
S.N.N.P.R	1,092,583.61	1,092,417.36	-0.02	20,832,698.65	21,470,954.72	3.06
GAMBELA	8,847.59	7,795.43	-11.89	202,408.82	173,557.48	14.25
HARARI	11,205.44	11,240.35	0.31	140,268.37	170,203.18	21.34
DIRE DAWA	10,731.66	11,493.27	7.10	170,079.81	202,587.12	19.11
ALL REGIONS	12,282,929.98	12,407,473.46	1.01	231,288,471.77	251,536,623.90	8.75

Accordingly, except for a slight decrease by 0.02 for SNNP regional state, the total grain cropped area reported for Oromia, Amhara, Tigray and Benshangul-Gumuz Regions have increased by about **0.96%**, **0.88%**, **2.93%**, and **0.27%** over last year 2012/13 post harvest estimate respectively. Following the same pattern the current year harvested volume of production reported for the above mentioned regions have increased by about **3.06%**, **9.33%**, **11.54%**, **3.54%** and **0.63%** over last year's **2012/13 (2005 E.C)** post harvest estimate of the regions, in that order (For details see Table .3

**Table 3 - Estimate of Area, Production and Yield of Crops for
2011/12 (2004 E.C) and 2012/13 (2005 E.C.), Meher Season**

Ethiopia

Crop	Area in hectare			Production in quintal			Yield (quintal / hectare)		
	2012/13 (2005 E.C)	2013/14 (2006 E.C.)	% Chang	2012 /13 (2005 E.C)	2013/14 (2006 E.C.)	% Chang	2012/13 (2005 E.C)	2013/14 (2006 E.C.)	% Chang
Grain crops	12282929.98	12,407,473.46	1.01	231,288,471.77	251,536,623.90	8.75			
Cereals	9601035.26	9,848,745.96	2.58	196,511,515.46	215,835,225.61	9.83			
Teff	2730272.95	3,016,521.90	10.48	37,652,411.66	44,186,421.95	17.35	13.79	14.65	6.24
Barley	1018752.94	1,019,477.93	0.07	17,816,522.08	19,082,624.11	7.11	17.49	18.72	7.03
Wheat	1627647.16	1,605,653.90	-1.35	34,347,061.22	39,251,741.35	14.28	21.1	24.45	15.88
Maize	2013044.93	1,994,813.80	-0.91	61,583,175.95	64,915,402.92	5.41	30.59	32.54	6.37
Sorghum	1711485.04	1,677,486.33	-1.99	36,042,619.65	38,288,701.03	6.23	21.06	22.83	8.40
Finger millet	431506.89	454,662.33	5.37	7,422,971.46	8,489,564.26	14.37	17.2	18.67	8.55
Oats / 'Aja'	26514.10	35,617.76	34.34	436,337.83	616,502.59	41.29	16.46	17.31	5.16
Rice	41811.25	33,819.65	-19.11	1,210,415.62	923,627.30	-23.69	28.95	27.31	-5.66
Masho		10,692.38			80,640.10			7.54	
Pulses	1863445.42	1,742,602.19	-6.48	27,510,311.88	28,588,805.90	3.92			
Faba beans	574060.45	538,458.21	-6.20	9,439,641.70	9,917,002.83	5.06	16.44	18.42	12.04
Field peas	255968.83	275,386.33	7.59	3,273,775.14	3,798,130.84	16.02	12.79	13.79	7.82
W Haricot B	366876.94	133,372.84	-63.65	4,630,084.90	1,987,777.65	-57.07	12.62	14.9	18.07
R Haricot B		193,093.04			2,586,338.48			13.39	
Chick-peas	239512.43	229,720.74	-4.09	4,097,331.63	4,238,148.39	3.44	17.11	18.45	7.83
Lentils	123718.15	125,830.74	1.71	1,514,999.32	1,591,212.26	5.03	12.25	12.65	3.27
Grass peas	205374.20	169,441.21	-17.50	3,255,805.54	3,173,220.59	-2.54	15.85	18.73	18.17
Soya beans	31854.75	30,517.38	-4.20	636,531.01	610,249.16	-4.13	19.98	20	0.10
Fenugreek	32909.63	24,426.24	-25.78	293,334.93	456,266.15	55.54	8.91	18.68	109.65
Gibto	33170.03	22,355.46	-32.60	368,807.70	230,459.55	-37.51	11.12	10.31	-7.28
Oilseeds	818449.30	816,125.31	-0.28	7,266,644.43	7,112,592.38	-2.12			
Neug	303627.70	285,303.47	-6.04	2,124,155.39	2,202,111.90	3.67	7	7.72	10.29
Linseed	127883.03	95,582.79	-25.26	1,220,643.34	879,459.08	-27.95	9.54	9.2	-3.56
Groundnuts	90155.57	79,947.03	-11.32	1,244,187.53	1,120,887.24	-9.91	13.8	14.02	1.59
Safflower	11413.74	11,526.27	0.99	132,793.77	83,470.97	-37.14	11.63	7.24	-37.75
Sesame	239532.34	299,724.41	25.13	1,813,760.51	2,202,160.53	21.41	7.57	7.35	-2.91
Rape seed	45836.92	44,041.34	-3.92	731,103.90	624,502.66	-14.58	15.95	14.18	-11.10
Vegetables	192555.39	161,487.93	-16.13	8,523,082.90	7,228,936.61	-15.18			
Lettuce	75.01	239.88	219.80	*	*	*	*	2.57	*
Head cabbage	3049.01	3,961.84	29.94	232,247.44	270,188.32	16.34	76.17	68.2	-10.46
Eth. Cabbage	34791.05	34,503.80	-0.83	3,709,951.99	3,603,271.60	-2.88	106.64	104.43	-2.07
Tomatoes	7237.35	7,257.45	0.28	555,142.79	393,730.22	-29.08	76.71	54.25	-29.28
Green peppers	10588.52	6,167.47	-41.75	855,477.90	412,503.57	-51.78	80.79	66.88	-17.21
Red peppers	136503.73	109,050.25	-20.11	3,165,614.50	2,541,883.97	-19.70	23.19	23.31	0.51
Swiss chard	310.70	307.23	-1.12	3,290.41	*	*	10.59	21.95	*
Root crops	203958.15	209,879.65	2.90	36,298,616.52	41,608,725.14	14.63			
Beetroot	1795.25	1,643.15	-8.47	168,485.13	140,749.38	-16.46	93.85	85.66	-8.73
Carrot	1132.94	1,602.46	41.44	51,046.70	67,120.34	31.49	45.06	41.89	-7.04
Onion	21865.37	24,375.70	11.48	2,191,886.02	2,197,352.67	0.25	100.24	90.15	-10.07
Potatoes	74934.57	66,745.61	-10.93	8,633,477.92	7,849,934.00	-9.08	115.21	117.61	2.08
Yam/BoYe		3,075.62			-		-		
Garlic	21258.43	16,411.19	-22.80	2,225,479.30	1,590,935.75	-28.51	104.69	96.94	-7.40
Taro / 'Godere'	41337.62	42,656.73	3.19	11,177,733.55	11,935,383.02	6.78	270.4	279.8	3.48
Sweet potatoes	41633.95	53,369.19	28.19	11,850,507.89	17,827,249.97	50.43	284.64	334.04	17.35
Fruit crops	61,972.60	71,507.13	15.39	4,793,360.64	4,991,837.63	4.14			
Avocados	8,938.24	10,590.59	18.49	256,331.64	182,063.62	-28.97	28.68	17.19	-40.06
Bananas	36,012.19	41,356.88	14.84	3,025,022.32	3,400,125.83	12.40	84	82.21	-2.13
Guavas	1,492.32	2,039.71	36.68	11,730.03	8,502.82	-27.51	7.86	4.17	-46.96
Lemons	754.23	1,128.15	49.58	55,167.50	46,609.50	-15.51	73.14	41.31	-43.51
Mangoes	8,808.64	10,344.51	17.44	697,507.30	721,869.77	3.49	79.18	69.78	-11.87
Oranges	2,999.21	3,244.80	8.19	357,458.39	311,826.52	-12.77	119.18	96.10	-19.37
Papayas	2,752.08	2,467.63	-10.34	386,943.15	315,882.51	-18.36	140.6	128.01	-8.95
Pineapples	215.69	*	*	*	*	*	*	14.8	*
Chat	173,844.91	222,078.54	27.75	1,830,612.51	2,450,629.21	33.87	10.53	11.03	4.80
Coffee	528,751.11	538,466.80	1.84	3,739,406.42	3,920,062.22	4.83	7.07	7.28	2.97
Hops	22,944.71	24,726.79	7.77	289,530.32	305,876.32	5.65	12.63	12.37	-2.06
Sugar cane	22,388.48	29,103.59	29.99	10,398,657.46	14,034,441.14	34.96	464.46	482.22	3.82

**Table 4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	941,434.00	903,226.95	16,010,815.83				
Cereals.....	931,113.00	758,746.02	14,649,461.16				
Teff.....	496,101.00	185,337.29	2,465,517.95	13.30			
Barley.....	446,732.00	96,577.17	1,602,658.52	16.59			
Wheat.....	399,300.00	112,818.67	2,050,333.33	18.17			
Maize.....	604,727.00	65,201.64	1,485,992.68	22.79			
Sorghum.....	410,392.00	215,111.82	5,463,225.32	25.40			
Finger millet.....	293,128.00	82,129.65	1,563,172.71	19.03			
Oats/'Aja'.....	2,011.00	*	*	*			
Rice.....	*	*	*	*			
Masho.....	1,112.00	*	-	-			
Pulses.....	400,325.00	48,966.86	644,323.83				
Faba beans.....	258,180.00	17,157.43	245,991.82	14.34			
Field peas.....	58,469.00	5,912.50	73,011.62	12.35			
Haricot beans white...	22,076.00	1,143.30	7,585.39	6.63			
Haricot beans red....	2,592.00	*	*	*			
Chick-peas.....	48,442.00	6,060.90	78,551.56	12.96			
Lentils.....	62,716.00	8,855.15	95,792.25	10.82			
Grass peas.....	47,304.00	8,736.70	137,108.17	15.69			
Soya beans.....	*	*	-	-			
Fenugreek.....	24,420.00	918.19	4,938.17	5.38			
Gibto.....	*	*	-	-			
Oilseeds.....	222,730.00	95,514.06	717,030.84				
Neug.....	44,009.00	4,300.29	50,328.04	11.70			
Linseed.....	72,456.00	5,747.03	57,764.07	10.05			
Groundnuts.....	*	*	*	*			
Safflower.....	5,690.00	*	*	*			
Sesame.....	118,068.00	84,748.05	604,746.75	7.14			
Rape seed.....	*	*	*	*			
Vegetables.....	221,920.00	2,841.32	107,785.34				
Lettuce.....	6,873.00	31.89	*	*			
Head Cabbage.....	5,548.00	93.49	*	*			
Ethiopian Cabbage....	2,102.00	*	-	-			
Tomatoes.....	25,618.00	642.76	25,285.34	39.34			
Green peppers.....	51,335.00	379.70	26,260.94	69.16			
Red peppers.....	155,407.00	1,667.42	48,844.72	29.29			
Swiss chard.....	4,503.00	18.29	-	-			
Root Crops.....	115,189.00	1,301.13	53,382.32				
Beetroot.....	-	-	-	-			
Carrot.....	3,229.00	*	*	*			
Onion.....	25,697.00	*	13,207.65	*			
Potatoes.....	15,958.00	*	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	85,938.00	508.69	39,831.55	78.30			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	*	*	-	-			
Fruit Crops.....	67,596.00	921.56	9,323.55				
Avocados.....	2,499.00	4.59	-	-			
Bananas.....	11,319.00	*	*	*			
Guavas.....	26,540.00	273.23	*	*			
Lemons.....	24,619.00	152.37	*	*			
Mangoes.....	11,032.00	29.59	*	*			
Oranges.....	14,393.00	67.11	*	*			
Papayas.....	17,484.00	93.96	1,475.46	15.70			
Pineapples.....	*	*	-	-			
Chat.....	9,676.00	*	-	-			
Coffee.....	15,824.00	81.26	-	-			
Hops.....	172,598.00	2,050.09	74,977.99	36.57			
Sugar Cane.....	*	*	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 4.1. - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

North West Tigray				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	178,396.00	210,152.03	4,515,173.69	
Cereals.....	177,482.00	189,948.53	4,309,846.44	
Teff.....	109,793.00	46,938.74	605,932.41	12.91
Barley.....	10,432.00	369.00	3,913.03	10.60
Wheat.....	*	*	*	*
Maize.....	164,619.00	27,129.93	758,631.21	27.96
Sorghum.....	113,342.00	63,404.65	1,861,276.44	29.36
Finger millet.....	128,382.00	51,406.96	1,078,809.91	20.99
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	47,782.00	4,451.52	60,058.56	
Faba beans.....	28,940.00	2,470.44	35,306.93	14.29
Field peas.....	3,642.00	301.21	1,810.23	6.01
Haricot beans white...	4,670.00	*	537.01	*
Haricot beans red.....	*	*	*	*
Chick-peas.....	16,398.00	1,365.18	18,848.22	13.81
Lentils.....	*	*	*	*
Grass peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	54,853.00	15,751.98	145,268.69	
Neug.....	10,576.00	1,463.98	18,641.79	12.73
Linseed.....	10,239.00	1,254.79	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	36,870.00	12,980.86	119,005.57	9.17
Rape seed.....	*	*	-	-
Vegetables.....	102,198.00	1,091.42	49,543.46	
Lettuce.....	*	*	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	98,206.00	878.14	28,738.55	32.73
Swiss chard.....	*	*	-	-
Root Crops.....	5,773.00	18.15	1,725.73	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	3,735.00	10.83	1,504.06	138.88
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	19,070.00	144.29	1,971.13	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	4,937.00	*	*	*
Lemons.....	10,081.00	51.96	*	*
Mangoes.....	4,348.00	*	*	*
Oranges.....	1,976.00	2.90	*	*
Papayas.....	6,338.00	16.44	602.53	36.65
Pineapples.....	*	*	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	26,318.00	444.81	24,268.01	54.56
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 4.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14(2006 E.C.)**

Central Tigray							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	273,199.00	216,332.93	3,317,501.06				
Cereals.....	271,289.00	197,261.63	3,120,205.50				
Teff.....	206,914.00	72,030.70	967,327.31	13.43			
Barley.....	135,804.00	20,533.63	314,275.68	15.31			
Wheat.....	116,372.00	28,717.07	538,463.87	18.75			
Maize.....	220,880.00	20,359.34	397,899.73	19.54			
Sorghum.....	136,289.00	39,958.08	688,003.57	17.22			
Finger millet.....	98,846.00	15,662.81	214,235.34	13.68			
Oats/'Aja'.....	-	-	-	-			
Rice.....	-	-	-	-			
Masho.....	-	-	-	-			
Pulses.....	150,816.00	15,118.45	164,234.08				
Faba beans.....	121,422.00	7,729.74	91,440.11	11.83			
Field peas.....	8,696.00	330.20	3,166.12	9.59			
Haricot beans white...	11,086.00	378.92	*	*			
Haricot beans red....	*	*	-	-			
Chick-peas.....	9,718.00	1,359.03	12,789.48	9.41			
Lentils.....	24,608.00	2,452.54	19,618.61	8.00			
Grass peas.....	*	*	*	*			
Soya beans.....	-	-	-	-			
Fenugreek.....	9,346.00	630.81	*	*			
Gibto.....	*	*	-	-			
Oilseeds.....	44,043.00	3,952.86	33,061.48				
Neug.....	19,123.00	732.12	2,444.89	3.34			
Linseed.....	25,819.00	1,965.07	23,113.55	11.76			
Groundnuts.....	*	*	*	*			
Safflower.....	*	*	-	-			
Sesame.....	*	*	*	*			
Rape seed.....	-	-	-	-			
Vegetables.....	55,972.00	436.49	21,964.64				
Lettuce.....	*	*	-	-			
Head Cabbage.....	*	*	*	*			
Ethiopian Cabbage.....	-	-	-	-			
Tomatoes.....	3,215.00	*	*	*			
Green peppers.....	32,521.00	169.43	12,767.47	75.36			
Red peppers.....	21,438.00	*	*	*			
Swiss chard.....	*	*	-	-			
Root Crops.....	42,107.00	358.54	37,217.44				
Beetroot.....	-	-	-	-			
Carrot.....	*	*	*	*			
Onion.....	8,290.00	*	*	*			
Potatoes.....	*	*	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	35,311.00	193.25	26,840.32	138.89			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	-	-	-	-			
Fruit Crops.....	16,642.00	140.23	1,531.63				
Avocados.....	*	*	-	-			
Bananas.....	4,423.00	*	*	*			
Guavas.....	4,082.00	*	*	*			
Lemons.....	5,458.00	*	*	*			
Mangoes.....	3,066.00	*	-	-			
Oranges.....	5,875.00	35.38	582.65	16.47			
Papayas.....	4,424.00	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	*	*	-	-			
Coffee.....	4,184.00	13.44	-	-			
Hops.....	56,794.00	811.63	28,014.00	34.52			
Sugar Cane.....	-	-	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 4.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

East Tigray							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	169,338.00	87,626.01	1,286,338.84				
Cereals.....	167,793.00	77,069.01	1,122,538.67				
Teff.....	44,194.00	7,774.27	123,717.25	15.91			
Barley.....	145,320.00	27,818.75	414,601.55	14.90			
Wheat.....	140,283.00	32,573.40	473,753.86	14.54			
Maize.....	45,877.00	2,492.40	41,958.54	16.83			
Sorghum.....	16,160.00	2,258.15	30,579.07	13.54			
Finger millet.....	28,368.00	4,049.86	36,845.28	9.10			
Oats/'Aja'.....	*	*	*	*			
Rice.....	-	-	-	-			
Masho.....	*	*	-	-			
Pulses.....	94,822.00	10,205.97	160,068.00				
Faba beans.....	57,474.00	2,348.68	46,931.94	19.98			
Field peas.....	25,448.00	1,877.98	24,250.21	12.91			
Haricot beans white...	*	*	*	*			
Haricot beans red....	-	-	-	-			
Chick-peas.....	9,081.00	1,298.25	20,551.78	15.83			
Lentils.....	10,006.00	1,281.79	*	*			
Grass peas.....	21,129.00	3,317.73	58,249.79	17.56			
Soya beans.....	-	-	-	-			
Fenugreek.....	7,142.00	68.82	329.37	4.79			
Gibto.....	-	-	-	-			
Oilseeds.....	15,638.00	351.02	3,732.17				
Neug.....	*	*	-	-			
Linseed.....	12,026.00	306.64	3,716.15	12.12			
Groundnuts.....	-	-	-	-			
Safflower.....	*	*	-	-			
Sesame.....	-	-	-	-			
Rape seed.....	*	*	*	*			
Vegetables.....	16,192.00	329.29	25,678.38				
Lettuce.....	*	*	*	*			
Head Cabbage.....	*	*	*	*			
Ethiopian Cabbage.....	*	*	-	-			
Tomatoes.....	5,325.00	168.84	*	*			
Green peppers.....	5,689.00	62.58	*	*			
Red peppers.....	4,809.00	*	*	*			
Swiss chard.....	*	*	-	-			
Root Crops.....	17,322.00	83.15	5,523.04				
Beetroot.....	-	-	-	-			
Carrot.....	*	*	-	-			
Onion.....	8,887.00	26.01	2,951.99	113.49			
Potatoes.....	3,918.00	*	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	9,669.00	20.01	2,571.04	128.49			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	-	-	-	-			
Fruit Crops.....	11,266.00	*	977.47				
Avocados.....	*	*	-	-			
Bananas.....	*	*	-	-			
Guavas.....	10,133.00	*	*	*			
Lemons.....	*	*	*	*			
Mangoes.....	*	*	-	-			
Oranges.....	1,964.00	*	*	*			
Papayas.....	*	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	-	-	-	-			
Coffee.....	*	*	-	-			
Hops.....	41,164.00	301.74	10,775.26	35.71			
Sugar Cane.....	-	-	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 4.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

South Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	210,724.00	209,836.24	3,455,231.61	
Cereals.....	208,266.00	189,361.30	3,190,849.65	
Teff.....	116,892.00	52,572.33	683,269.35	13.00
Barley.....	146,468.00	46,651.85	830,504.75	17.80
Wheat.....	135,427.00	49,934.86	1,009,084.11	20.21
Maize.....	88,549.00	9,619.67	118,295.10	12.30
Sorghum.....	55,431.00	28,996.85	538,173.08	18.56
Finger millet.....	*	*	6,221.09	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	89,999.00	17,690.28	240,372.87	
Faba beans.....	37,014.00	3,742.84	59,185.40	15.81
Field peas.....	19,895.00	3,033.54	41,280.40	13.61
Haricot beans white...	*	*	*	*
Haricot beans red....	-	-	-	-
Chick-peas.....	12,804.00	1,977.89	25,241.69	12.76
Lentils.....	25,920.00	4,997.18	64,500.01	12.91
Grass peas.....	15,409.00	3,160.36	46,663.61	14.77
Soya beans.....	-	-	-	-
Fenugreek.....	7,931.00	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	27,720.00	2,784.67	24,009.09	
Neug.....	2,592.00	*	*	*
Linseed.....	22,315.00	2,106.30	21,229.63	10.08
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	1,425.00	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	18,517.00	411.38	-	
Lettuce.....	1,904.00	*	-	-
Head Cabbage.....	3,194.00	41.86	-	-
Ethiopian Cabbage.....	1,209.00	*	-	-
Tomatoes.....	4,951.00	*	-	-
Green peppers.....	7,148.00	101.83	-	-
Red peppers.....	4,248.00	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	36,902.00	754.65	-	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	5,899.00	*	-	-
Potatoes.....	8,226.00	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	24,816.00	217.39	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	13,051.00	156.50	-	
Avocados.....	-	-	-	-
Bananas.....	2,701.00	*	-	-
Guavas.....	6,332.00	64.86	-	-
Lemons.....	3,219.00	14.50	-	-
Mangoes.....	*	*	-	-
Oranges.....	3,355.00	*	-	-
Papayas.....	3,729.00	*	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	5,970.00	49.01	-	-
Hops.....	32,383.00	344.60	-	-
Sugar Cane.....	*	*	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 4.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Western Tigray

Stem Agency							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	109,777.00	179,279.74	3,436,570.62				
Cereals.....	106,283.00	105,105.55	2,906,020.89				
Teff.....	18,307.00	6,021.24	85,271.62	14.16			
Barley.....	8,708.00	*	*	*			
Wheat.....	6,073.00	1,461.64	*	*			
Maize.....	84,803.00	5,600.30	169,208.11	30.21			
Sorghum.....	89,170.00	80,494.09	2,345,193.16	29.13			
Finger millet.....	33,684.00	9,820.56	227,061.09	23.12			
Oats/'Aja'.....	-	-	-	-			
Rice.....	*	*	*	*			
Masho.....	-	-	-	-			
Pulses.....	16,907.00	1,500.66	19,590.31				
Faba beans.....	13,330.00	865.74	13,127.44	15.16			
Field peas.....	788.00	*	*	*			
Haricot beans white...	1,356.00	*	*	*			
Haricot beans red....	-	-	-	-			
Chick-peas.....	*	*	*	*			
Lentils.....	*	*	*	*			
Grass peas.....	-	-	-	-			
Soya beans.....	-	-	-	-			
Fenugreek.....	-	-	-	-			
Gibto.....	*	*	-	-			
Oilseeds.....	80,477.00	72,673.53	510,959.42				
Neug.....	10,870.00	1,919.38	28,439.38	14.82			
Linseed.....	2,058.00	114.24	2,168.97	18.99			
Groundnuts.....	-	-	-	-			
Safflower.....	-	-	-	-			
Sesame.....	74,361.00	70,630.54	480,351.07	6.80			
Rape seed.....	*	*	-	-			
Vegetables.....	29,041.00	572.74	10,598.86				
Lettuce.....	-	-	-	-			
Head Cabbage.....	*	*	*	*			
Ethiopian Cabbage....	-	-	-	-			
Tomatoes.....	*	*	-	-			
Green peppers.....	*	*	*	*			
Red peppers.....	26,707.00	396.07	9,848.27	24.86			
Swiss chard.....	*	*	-	-			
Root Crops.....	13,084.00	86.63	8,916.12				
Beetroot.....	-	-	-	-			
Carrot.....	-	-	-	-			
Onion.....	*	*	-	-			
Potatoes.....	*	*	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	12,406.00	67.21	8,916.12	132.66			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	*	*	-	-			
Fruit Crops.....	7,567.00	*	*				
Avocados.....	-	-	-	-			
Bananas.....	1,370.00	*	*	*			
Guavas.....	1,056.00	*	*	*			
Lemons.....	4,690.00	*	*	*			
Mangoes.....	886.00	*	*	*			
Oranges.....	*	*	*	*			
Papayas.....	1,872.00	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	-	-	-	-			
Coffee.....	1,646.00	*	-	-			
Hops.....	15,940.00	147.31	11,920.72	80.92			
Sugar Cane.....	*	*	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Afar Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	11,333.00	6,673.55	188,269.63	
Cereals.....	11,153.00	6,644.33	187,983.93	
Teff.....	*	*	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	7,729.00	4,723.91	172,233.47	36.46
Sorghum.....	2,540.00	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	227.00	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	227.00	*	*	*
Haricot beans red....	-	-	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1,502.00	40.75	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	-	-	-	-
Tomatoes.....	592.00	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	704.00	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	805.00	*	-	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	522.00	*	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Zone 1							
Crop	Number of holders	Area in hectare	Production in quintal		yield (qt / ha)		
Grain Crops.	4,690.00	*	*	*			
Cereals.....	4,509.00	*	*	*			
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	4,310.00	*	*	*	*	*	*
Sorghum.....	*	*	*	*	*	*	*
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Masho.....	-	-	-	-	-	-	-
Pulses.....	227.00	*	*	*			
Faba beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white...	227.00	*	*	*	*	*	*
Haricot beans red....	-	-	-	-	-	-	-
Chick-peas.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Grass peas.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	*	*	*	*			
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	*	*	*	*	*	*	*
Rape seed.....	-	-	-	-	-	-	-
Vegetables.....	1,502.00	40.75	-	-			
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage....	-	-	-	-	-	-	-
Tomatoes.....	592.00	*	-	-	-	-	-
Green peppers.....	*	*	-	-	-	-	-
Red peppers.....	704.00	*	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	*	*	-	-			
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	*	*	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam/'Boye'.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	*	*	-	-	-	-	-
Fruit Crops.....	771.00	*	-	-			
Avocados.....	-	-	-	-	-	-	-
Bananas.....	*	*	-	-	-	-	-
Guavas.....	*	*	-	-	-	-	-
Lemons.....	*	*	-	-	-	-	-
Mangoes.....	522.00	*	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	*	*	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops.....	-	-	-	-	-	-	-
Sugar Cane.....	-	-	-	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Zone 3							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	6,643.00	3,857.92	*				
Cereals.....	6,643.00	3,857.92	*				
Teff.....	*	*	-	-			
Barley.....	-	-	-	-			
Wheat.....	-	-	-	-			
Maize.....	3,419.00	*	*	*			
Sorghum.....	*	*	*	*			
Finger millet.....	-	-	-	-			
Oats/'Aja'.....	-	-	-	-			
Rice.....	-	-	-	-			
Masho.....	*	*	-	-			
Pulses.....	-	-	-				
Faba beans.....	-	-	-	-			
Field peas.....	-	-	-	-			
Haricot beans white...	-	-	-	-			
Haricot beans red....	-	-	-	-			
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.....	-	-	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	-	-	-	-			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	-	-	-	-			
Fruit Crops.....	*	*	-				
Avocados.....	-	-	-	-			
Bananas.....	*	*	-	-			
Guavas.....	-	-	-	-			
Lemons.....	-	-	-	-			
Mangoes.....	-	-	-	-			
Oranges.....	-	-	-	-			
Papayas.....	*	*	-	-			
Pineapples.....	-	-	-	-			
Chat.....	-	-	-	-			
Coffee.....	-	-	-	-			
Hops.....	-	-	-	-			
Sugar Cane.....	-	-	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Amhara Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	4,207,674.00	4,404,711.72	81,557,674.94	
Cereals.....	4,165,248.00	3,359,849.43	67,092,637.22	
Teff.....	2,578,669.00	1,146,730.12	17,137,973.22	14.95
Barley.....	1,626,705.00	373,016.41	5,887,666.45	15.78
Wheat.....	1,741,886.00	529,648.64	11,199,913.22	21.15
Maize.....	2,580,636.00	474,254.25	15,984,749.87	33.71
Sorghum.....	1,256,145.00	558,827.95	11,350,114.08	20.31
Finger millet.....	721,241.00	236,680.54	4,618,394.93	19.51
Oats/'Aja'.....	66,387.00	4,662.35	60,964.57	13.08
Rice.....	79,275.00	26,220.94	772,220.77	29.45
Masho.....	52,802.00	9,808.22	80,640.10	8.22
Pulses.....	2,701,959.00	753,499.08	12,144,734.67	
Faba beans.....	1,700,850.00	226,572.45	4,024,360.89	17.76
Field peas.....	820,550.00	99,789.35	1,345,504.81	13.48
Haricot beans white...	334,734.00	46,504.29	654,871.76	14.08
Haricot beans red....	289,766.00	47,437.33	601,301.82	12.68
Chick-peas.....	578,099.00	124,773.47	2,208,373.07	17.70
Lentils.....	465,298.00	68,078.35	798,119.83	11.72
Grass peas.....	511,590.00	102,680.67	1,899,065.21	18.49
Soya beans.....	15,743.00	3,499.19	*	*
Fenugreek.....	248,003.00	12,216.09	329,577.65	26.98
Gibto.....	120,193.00	21,947.88	230,455.38	10.50
Oilseeds.....	1,697,391.00	291,363.21	2,320,303.05	
Neug.....	472,999.00	81,095.14	617,965.20	7.62
Linseed.....	462,061.00	32,462.44	220,023.26	6.78
Groundnuts.....	29,617.00	2,380.15	26,762.46	11.24
Safflower.....	194,468.00	9,518.41	68,003.17	7.14
Sesame.....	314,882.00	138,848.29	1,005,906.17	7.24
Rape seed.....	661,781.00	27,058.78	381,642.79	14.10
Vegetables.....	1,467,445.00	40,854.84	924,711.94	
Lettuce.....	11,157.00	32.71	-	-
Head Cabbage.....	90,734.00	427.11	37,934.64	88.82
Ethiopian Cabbage....	273,313.00	902.80	86,162.78	95.44
Tomatoes.....	60,749.00	682.63	*	*
Green peppers.....	216,962.00	1,302.05	95,159.09	73.08
Red peppers.....	951,174.00	37,458.57	687,508.26	18.35
Swiss chard.....	29,772.00	48.96	533.87	10.90
Root Crops.....	1,922,379.00	42,377.08	5,635,387.43	
Beetroot.....	54,841.00	111.46	7,403.56	66.42
Carrot.....	32,294.00	*	*	*
Onion.....	268,690.00	9,818.62	1,141,499.11	116.26
Potatoes.....	601,422.00	23,084.63	3,529,615.86	152.90
Yam/'Boye'.....	*	*	-	-
Garlic.....	1,456,112.00	8,813.44	891,846.43	101.19
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	27,560.00	311.50	*	*
Fruit Crops.....	317,626.00	3,867.30	189,201.35	
Avocados.....	21,762.00	108.34	-	-
Bananas.....	104,339.00	1,036.78	21,880.65	21.10
Guavas.....	56,363.00	390.62	2,716.37	6.95
Lemons.....	52,973.00	413.22	23,093.09	55.89
Mangoes.....	73,610.00	800.63	28,263.17	35.30
Oranges.....	98,456.00	894.74	104,179.84	116.44
Papayas.....	68,972.00	222.97	9,068.22	40.67
Pineapples.....	*	-	-	-
Chat.....	231,801.00	7,668.41	46,174.57	6.02
Coffee.....	387,156.00	7,630.60	25,155.27	3.30
Hops.....	1,318,924.00	17,230.53	165,581.81	9.61
Sugar Cane.....	95,237.00	2,875.61	1,126,133.23	391.62

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

North Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	687,883.00	868,008.91	15,852,902.58	
Cereals.....	681,801.00	626,673.99	12,965,752.46	
Teff.....	334,580.00	143,445.79	2,265,053.84	15.79
Barley.....	240,546.00	56,406.13	1,076,444.91	19.08
Wheat.....	202,444.00	69,971.13	1,679,307.00	24.00
Maize.....	496,224.00	77,761.48	2,177,321.59	28.00
Sorghum.....	397,476.00	203,848.83	4,049,542.72	19.87
Finger millet.....	229,331.00	70,639.53	1,649,470.36	23.35
Oats/'Aja'.....	7,123.00	*	5,120.51	*
Rice.....	*	*	*	*
Masho.....	-	-	-	-
Pulses.....	355,556.00	110,055.37	1,972,734.31	
Faba beans.....	244,221.00	32,778.77	524,684.41	16.01
Field peas.....	100,079.00	12,474.86	204,584.63	16.40
Haricot beans white...	26,638.00	*	*	*
Haricot beans red....	*	*	-	-
Chick-peas.....	117,820.00	38,809.43	774,356.82	19.95
Lentils.....	39,029.00	7,089.97	112,632.24	15.89
Grass peas.....	41,388.00	8,521.07	131,126.70	15.39
Soya beans.....	*	*	-	-
Fenugreek.....	29,717.00	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	318,651.00	131,279.55	914,415.81	
Neug.....	73,652.00	15,850.52	132,260.60	8.34
Linseed.....	91,940.00	8,260.07	67,973.63	8.23
Groundnuts.....	*	*	-	-
Safflower.....	41,253.00	2,259.75	-	-
Sesame.....	132,749.00	103,629.43	*	*
Rape seed.....	54,739.00	1,267.23	-	-
Vegetables.....	273,923.00	6,681.67	145,499.97	
Lettuce.....	*	*	-	-
Head Cabbage.....	4,380.00	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	8,468.00	*	-	-
Green peppers.....	31,938.00	*	*	*
Red peppers.....	220,014.00	6,034.28	96,523.42	16.00
Swiss chard.....	*	*	-	-
Root Crops.....	275,920.00	9,666.42	1,151,117.55	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	146,445.00	4,006.41	572,916.25	143.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	209,841.00	2,394.56	259,142.79	108.22
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	25,714.00	363.23	7,945.56	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	13,558.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	28,248.00	*	*	*
Hops.....	107,879.00	3,056.09	*	*
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

South Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	491,023.00	525,300.88	8,346,081.30	
Cereals.....	486,889.00	385,358.89	6,581,208.10	
Teff.....	362,838.00	156,255.60	2,316,550.42	14.83
Barley.....	209,805.00	39,940.25	549,665.58	13.76
Wheat.....	270,043.00	79,530.61	1,395,031.88	17.54
Maize.....	276,154.00	36,567.42	885,673.95	24.22
Sorghum.....	71,001.00	22,391.41	368,356.22	16.45
Finger millet.....	111,036.00	30,153.81	389,619.19	12.92
Oats/'Aja'.....	3,347.00	*	*	*
Rice.....	47,343.00	*	674,497.17	*
Masho.....	*	*	-	-
Pulses.....	370,883.00	111,697.25	1,523,338.58	
Faba beans.....	222,578.00	26,610.24	385,732.08	14.50
Field peas.....	111,162.00	15,478.52	176,152.41	11.38
Haricot beans white...	28,049.00	*	*	*
Haricot beans red....	29,635.00	*	*	*
Chick-peas.....	81,782.00	15,021.66	160,369.87	10.68
Lentils.....	52,975.00	6,444.51	42,864.03	6.65
Grass peas.....	124,243.00	32,695.50	552,963.39	16.91
Soya beans.....	-	-	-	-
Fenugreek.....	13,583.00	264.16	2,325.70	8.80
Gibto.....	34,532.00	*	*	*
Oilseeds.....	247,476.00	28,244.74	241,534.62	
Neug.....	83,188.00	12,226.81	105,946.55	8.67
Linseed.....	90,066.00	7,877.82	52,126.47	6.62
Groundnuts.....	-	-	-	-
Safflower.....	24,763.00	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	125,199.00	6,166.60	80,255.11	13.01
Vegetables.....	106,944.00	1,686.33	46,596.10	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	*	*	*	*
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	*	*
Red peppers.....	74,902.00	1,541.62	41,294.91	26.79
Swiss chard.....	*	*	*	*
Root Crops.....	298,018.00	8,595.81	1,166,497.87	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	3,448.00	*	-	-
Potatoes.....	130,259.00	7,473.51	1,068,712.02	143.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	239,176.00	1,003.42	97,620.71	97.29
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	10,063.00	30.25	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	10,571.00	156.19	*	*
Coffee.....	7,462.00	*	*	*
Hops.....	190,213.00	1,454.31	12,222.74	8.40
Sugar Cane.....	3,815.00	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

North Wolo							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	336,031.00	272,230.37	3,927,001.61				
Cereals.....	333,736.00	204,769.91	3,130,038.19				
Teff.....	190,251.00	64,663.65	863,691.68	13.36			
Barley.....	208,353.00	57,989.78	799,436.11	13.79			
Wheat.....	154,383.00	35,947.62	652,066.51	18.14			
Maize.....	136,329.00	6,682.12	120,927.76	18.10			
Sorghum.....	131,310.00	37,645.25	667,538.58	17.73			
Finger millet.....	14,821.00	757.11	11,675.94	15.42			
Oats/'Aja'.....	13,768.00	1,069.00	14,701.62	13.75			
Rice.....	-	-	-	-			
Masho.....	*	*	-	-			
Pulses.....	218,626.00	61,021.44	753,862.56				
Faba beans.....	117,086.00	19,571.70	262,470.08	13.41			
Field peas.....	104,110.00	12,105.30	166,555.10	13.76			
Haricot beans white...	32,705.00	6,606.54	*	*			
Haricot beans red....	11,047.00	*	*	*			
Chick-peas.....	52,752.00	7,991.89	107,627.54	13.47			
Lentils.....	72,943.00	9,375.41	75,105.67	8.01			
Grass peas.....	20,098.00	2,069.69	30,165.37	14.57			
Soya beans.....	*	*	-	-			
Fenugreek.....	30,998.00	*	*	*			
Gibto.....	-	-	-	-			
Oilseeds.....	111,832.00	6,439.02	43,100.86				
Neug.....	28,204.00	1,078.24	6,928.76	6.43			
Linseed.....	70,599.00	3,573.66	22,245.68	6.22			
Groundnuts.....	-	-	-	-			
Safflower.....	22,197.00	876.18	6,817.25	7.78			
Sesame.....	12,986.00	*	*	*			
Rape seed.....	*	*	*	*			
Vegetables.....	116,076.00	1,288.61	51,143.16				
Lettuce.....	*	*	-	-			
Head Cabbage.....	5,811.00	23.79	1,413.89	59.43			
Ethiopian Cabbage....	61,617.00	217.07	18,566.67	85.53			
Tomatoes.....	6,316.00	*	*	*			
Green peppers.....	6,880.00	26.34	*	*			
Red peppers.....	43,052.00	867.75	14,168.92	16.33			
Swiss chard.....	6,493.00	13.28	-	-			
Root Crops.....	130,168.00	1,753.30	248,184.41				
Beetroot.....	*	*	-	-			
Carrot.....	4,203.00	*	*	*			
Onion.....	21,497.00	463.97	59,382.06	127.99			
Potatoes.....	42,504.00	557.58	111,516.34	200.00			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	98,729.00	592.46	50,506.74	85.25			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	3,222.00	*	*	*			
Fruit Crops.....	35,176.00	*	15,323.35				
Avocados.....	*	*	-	-			
Bananas.....	14,663.00	*	*	*			
Guavas.....	8,786.00	*	*	*			
Lemons.....	*	*	*	*			
Mangoes.....	*	*	*	*			
Oranges.....	9,683.00	*	*	*			
Papayas.....	*	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	9,473.00	53.68	*	*			
Coffee.....	37,694.00	424.75	2,304.47	5.43			
Hops.....	80,056.00	634.17	6,384.71	10.07			
Sugar Cane.....	*	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

South Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	606,759.00	442,100.76	7,406,303.37	
Cereals.....	599,285.00	330,939.32	5,696,163.70	
Teff.....	354,782.00	128,965.47	1,768,154.32	13.71
Barley.....	283,042.00	47,065.05	708,283.26	15.05
Wheat.....	326,035.00	98,161.84	1,905,899.48	19.42
Maize.....	223,408.00	11,257.26	250,650.56	22.27
Sorghum.....	167,768.00	43,260.60	1,019,454.73	23.57
Finger millet.....	21,628.00	1,087.72	25,790.36	23.71
Oats/'Aja'.....	28,294.00	1,116.44	17,823.77	15.96
Rice.....	-	-	-	-
Masho.....	*	*	*	*
Pulses.....	449,337.00	103,355.72	1,644,383.18	
Faba beans.....	258,865.00	23,118.70	375,457.63	16.24
Field peas.....	127,722.00	14,431.25	244,635.95	16.95
Haricot beans white...	112,778.00	12,098.82	201,352.64	16.64
Haricot beans red.....	35,583.00	*	*	*
Chick-peas.....	111,077.00	16,506.52	251,067.17	15.21
Lentils.....	133,218.00	14,338.35	173,137.86	12.08
Grass peas.....	113,161.00	16,257.61	308,378.37	18.97
Soya beans.....	*	*	-	-
Fenugreek.....	58,923.00	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	153,781.00	7,805.72	65,756.49	
Neug.....	74,480.00	3,472.29	34,898.22	10.05
Linseed.....	66,970.00	1,965.33	9,190.45	4.68
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	16,929.00	232.90	*	*
Vegetables.....	167,173.00	2,138.64	53,025.04	
Lettuce.....	*	*	-	-
Head Cabbage.....	4,874.00	*	*	*
Ethiopian Cabbage.....	56,897.00	101.75	10,108.00	99.34
Tomatoes.....	19,416.00	*	*	*
Green peppers.....	15,806.00	106.74	5,403.91	50.63
Red peppers.....	82,859.00	1,589.89	35,294.70	22.20
Swiss chard.....	8,114.00	10.78	*	*
Root Crops.....	245,796.00	1,862.09	218,454.01	
Beetroot.....	3,738.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	15,169.00	53.56	*	*
Potatoes.....	35,130.00	418.07	83,613.97	200.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	210,473.00	1,294.91	121,355.80	93.72
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	51,191.00	877.05	*	
Avocados.....	*	*	-	-
Bananas.....	8,954.00	97.86	925.14	9.45
Guavas.....	16,750.00	*	*	*
Lemons.....	3,524.00	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	32,039.00	*	*	*
Papayas.....	13,212.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	93,633.00	3,671.28	28,642.69	7.80
Coffee.....	78,081.00	1,446.92	8,728.83	6.03
Hops.....	95,585.00	504.48	6,145.69	12.18
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	534,380.00	562,050.13	10,872,099.83	
Cereals.....	524,154.00	438,420.88	8,637,126.95	
Teff.....	323,032.00	137,360.62	2,078,041.72	15.13
Barley.....	223,288.00	66,462.10	1,200,911.59	18.07
Wheat.....	224,419.00	78,888.07	1,841,947.51	23.35
Maize.....	212,467.00	10,339.09	311,286.17	30.11
Sorghum.....	242,860.00	137,037.07	3,134,701.32	22.87
Finger millet.....	2,294.00	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	2,790.00	*	-	-
Masho.....	38,237.00	7,618.44	65,757.06	8.63
Pulses.....	350,237.00	113,564.05	2,141,645.62	
Faba beans.....	219,877.00	41,747.00	877,852.75	21.03
Field peas.....	97,720.00	12,035.03	143,039.57	11.89
Haricot beans white...	19,443.00	1,372.68	17,367.98	12.65
Haricot beans red....	41,165.00	1,829.17	29,182.09	15.95
Chick-peas.....	93,785.00	21,927.90	543,601.56	24.79
Lentils.....	122,249.00	25,870.79	340,611.38	13.17
Grass peas.....	37,892.00	5,543.33	150,703.71	27.19
Soya beans.....	*	*	-	-
Fenugreek.....	69,478.00	2,998.80	39,286.59	13.10
Gibto.....	-	-	-	-
Oilseeds.....	137,513.00	10,065.19	93,327.25	
Neug.....	27,577.00	1,335.05	9,108.63	6.82
Linseed.....	59,677.00	4,383.13	35,524.24	8.10
Groundnuts.....	*	*	-	-
Safflower.....	32,104.00	1,137.17	14,063.88	12.37
Sesame.....	46,831.00	2,917.79	31,623.33	10.84
Rape seed.....	*	*	*	*
Vegetables.....	196,559.00	1,388.16	80,100.66	
Lettuce.....	2,127.00	*	-	-
Head Cabbage.....	8,187.00	*	*	*
Ethiopian Cabbage.....	100,505.00	351.24	35,641.98	101.47
Tomatoes.....	10,707.00	*	*	*
Green peppers.....	35,260.00	*	*	*
Red peppers.....	72,938.00	586.10	14,552.61	24.83
Swiss chard.....	8,383.00	12.74	-	-
Root Crops.....	289,376.00	6,739.66	894,481.13	
Beetroot.....	5,813.00	*	*	*
Carrot.....	5,869.00	10.39	238.74	22.98
Onion.....	131,516.00	5,080.82	700,124.13	137.80
Potatoes.....	45,150.00	250.18	50,035.69	200.00
Yam/'Boye'.....	*	*	-	-
Garlic.....	210,127.00	1,327.76	136,631.58	102.90
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	52,894.00	895.74	26,509.88	
Avocados.....	*	*	-	-
Bananas.....	17,082.00	242.04	*	*
Guavas.....	*	*	-	-
Lemons.....	13,482.00	*	*	*
Mangoes.....	10,132.00	*	*	*
Oranges.....	16,588.00	75.08	9,201.06	122.55
Papayas.....	12,885.00	17.00	724.58	42.62
Pineapples.....	*	-	-	-
Chat.....	23,069.00	*	*	*
Coffee.....	49,869.00	514.18	1,152.27	2.24
Hops.....	131,243.00	1,728.92	8,953.18	5.18
Sugar Cane.....	14,458.00	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

East Gojjam

East Gopjam							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	566,026.00	650,280.83	12,484,366.93				
Cereals.....	559,281.00	501,676.86	10,009,414.79				
Teff.....	404,121.00	248,460.61	4,259,469.72	17.14			
Barley.....	211,356.00	49,907.18	766,553.65	15.36			
Wheat.....	323,976.00	111,581.18	2,527,984.93	22.66			
Maize.....	355,648.00	56,688.22	1,731,087.69	30.54			
Sorghum.....	72,632.00	33,496.73	710,130.72	21.20			
Finger millet.....	*	*	-	-			
Oats/'Aja'.....	*	*	*	-			
Rice.....	-	-	-	-			
Masho.....	-	-	-	-			
Pulses.....	420,020.00	118,365.18	2,202,386.96				
Faba beans.....	315,746.00	42,803.56	992,898.02	23.20			
Field peas.....	134,490.00	17,269.88	272,363.94	15.77			
Haricot beans white...	46,003.00	8,960.45	184,585.22	20.60			
Haricot beans red.....	70,372.00	11,918.33	177,596.30	14.90			
Chick-peas.....	42,327.00	7,931.48	94,136.64	11.87			
Lentils.....	22,246.00	2,465.16	34,734.21	14.09			
Grass peas.....	106,992.00	23,161.46	397,813.73	17.18			
Soya beans.....	*	*	-	-			
Fenugreek.....	17,924.00	503.19	4,981.63	9.90			
Gibto.....	16,210.00	*	*	*			
Oilseeds.....	236,639.00	30,238.80	272,565.18				
Neug.....	74,940.00	14,079.66	147,827.63	10.50			
Linseed.....	23,409.00	3,167.47	15,330.66	4.84			
Groundnuts.....	*	*	*	*			
Safflower.....	*	*	*	*			
Sesame.....	21,625.00	*	*	*			
Rape seed.....	144,521.00	4,337.48	43,809.20	10.10			
Vegetables.....	161,271.00	1,571.75	74,759.26				
Lettuce.....	*	*	-	-			
Head Cabbage.....	34,933.00	137.94	15,201.24	110.20			
Ethiopian Cabbage.....	2,315.00	*	*	*			
Tomatoes.....	6,303.00	*	*	*			
Green peppers.....	75,027.00	249.13	18,235.13	73.20			
Red peppers.....	69,952.00	1,153.59	40,538.34	35.14			
Swiss chard.....	*	*	-	-			
Root Crops.....	297,208.00	7,096.06	942,305.89				
Beetroot.....	30,022.00	65.88	4,939.72	74.98			
Carrot.....	*	*	*	*			
Onion.....	47,105.00	403.36	30,620.51	75.91			
Potatoes.....	92,318.00	5,463.92	781,340.04	143.00			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	196,939.00	1,044.70	120,247.09	115.10			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	-	-	-	-			
Fruit Crops.....	17,970.00	139.98	934.33				
Avocados.....	2,560.00	*	-	-			
Bananas.....	6,044.00	*	*	*			
Guavas.....	*	*	-	-			
Lemons.....	*	*	*	*			
Mangoes.....	*	*	-	-			
Oranges.....	9,481.00	41.36	*	*			
Papayas.....	*	*	-	-			
Pineapples.....	-	-	-	-			
Chat.....	16,020.00	*	*	*			
Coffee.....	34,261.00	437.94	1,011.38	2.31			
Hops.....	290,926.00	4,714.23	53,196.87	11.28			
Sugar Cane.....	15,292.00	316.09	90,544.47	286.45			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

West Gojjam

West Gojjam							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	546,863.00	612,297.16	14,014,402.20				
Cereals.....	545,681.00	491,448.12	12,309,585.65				
Teff.....	352,118.00	148,700.64	2,018,742.47	13.58			
Barley.....	119,730.00	25,555.44	391,265.95	15.31			
Wheat.....	145,231.00	32,289.88	750,151.31	23.23			
Maize.....	529,111.00	198,086.51	7,807,659.51	39.42			
Sorghum.....	*	*	*	*			
Finger millet.....	224,929.00	78,726.48	1,233,521.26	15.67			
Oats/'Aja'.....	*	*	-	-			
Rice.....	*	*	*	*			
Masho.....	-	-	-	-			
Pulses.....	326,240.00	85,612.60	1,351,075.86				
Faba beans.....	231,206.00	25,226.86	403,628.91	16.00			
Field peas.....	80,553.00	8,031.29	65,826.65	8.20			
Haricot beans white...	23,984.00	*	*	*			
Haricot beans red.....	67,132.00	18,263.48	225,145.06	12.33			
Chick-peas.....	63,797.00	13,164.19	234,657.21	17.83			
Lentils.....	*	*	*	*			
Grass peas.....	67,115.00	14,389.07	327,051.57	22.73			
Soya beans.....	*	*	*	*			
Fenugreek.....	10,189.00	*	*	*			
Gibto.....	36,345.00	3,393.69	41,068.96	12.10			
Oilseeds.....	259,782.00	35,236.43	353,740.69				
Neug.....	66,346.00	16,118.97	107,690.16	6.68			
Linseed.....	21,293.00	1,357.56	5,613.92	4.14			
Groundnuts.....	*	*	*	*			
Safflower.....	4,411.00	*	*	*			
Sesame.....	*	*	*	*			
Rape seed.....	198,053.00	9,736.84	167,333.58	17.19			
Vegetables.....	329,017.00	18,154.27	334,025.79				
Lettuce.....	-	-	-	-			
Head Cabbage.....	23,345.00	*	*	*			
Ethiopian Cabbage.....	6,941.00	*	*	*			
Tomatoes.....	*	*	-	-			
Green peppers.....	19,894.00	*	*	*			
Red peppers.....	300,507.00	17,959.44	318,239.25	17.72			
Swiss chard.....	-	-	-	-			
Root Crops.....	235,607.00	3,142.38	419,503.41				
Beetroot.....	9,855.00	*	*	*			
Carrot.....	*	*	-	-			
Onion.....	15,342.00	193.98	22,444.54	115.71			
Potatoes.....	44,255.00	2,306.79	329,871.00	143.00			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	190,611.00	628.47	66,196.29	105.33			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	*	*	*	*			
Fruit Crops.....	57,390.00	451.55	21,311.47				
Avocados.....	4,857.00	*	-	-			
Bananas.....	25,958.00	138.71	*	*			
Guavas.....	8,865.00	*	*	*			
Lemons.....	8,807.00	11.45	779.72	68.10			
Mangoes.....	21,310.00	155.31	16,547.48	106.54			
Oranges.....	9,009.00	44.39	-	-			
Papayas.....	8,550.00	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	45,193.00	1,287.78	*	*			
Coffee.....	68,971.00	*	*	*			
Hops.....	312,106.00	4,429.42	60,195.07	13.59			
Sugar Cane.....	20,429.00	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Waghemra

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	110,417.00	120,154.11	1,375,572.45	
Cereals.....	108,510.00	86,146.95	1,061,351.85	
Teff.....	72,566.00	23,077.00	288,755.70	12.51
Barley.....	59,686.00	14,850.96	198,195.45	13.35
Wheat.....	35,308.00	6,889.10	95,694.04	13.89
Maize.....	73,301.00	3,290.01	47,527.93	14.45
Sorghum.....	71,114.00	37,764.52	429,560.05	11.37
Finger millet.....	1,758.00	167.60	1,618.68	9.66
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	79,392.00	21,145.75	204,255.46	
Faba beans.....	43,361.00	8,298.61	100,318.07	12.09
Field peas.....	27,301.00	3,894.61	32,993.56	8.47
Haricot beans white...	27,364.00	5,653.37	42,474.92	7.51
Haricot beans red....	*	*	*	*
Chick-peas.....	5,259.00	465.80	5,038.23	10.82
Lentils.....	18,685.00	2,400.11	18,435.44	7.68
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	5,551.00	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	59,486.00	12,861.41	109,965.14	
Neug.....	6,412.00	411.24	2,658.93	6.47
Linseed.....	24,124.00	1,207.91	8,648.15	7.16
Groundnuts.....	-	-	-	-
Safflower.....	22,597.00	1,306.47	9,563.77	7.32
Sesame.....	26,123.00	*	89,094.30	*
Rape seed.....	*	*	-	-
Vegetables.....	4,505.00	12.71	480.62	
Lettuce.....	*	*	-	-
Head Cabbage.....	1,275.00	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	967.00	*	-	-
Green peppers.....	2,698.00	*	180.05	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	23,261.00	181.82	28,283.33	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	-	-
Potatoes.....	12,101.00	109.41	21,881.75	200.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	17,286.00	68.60	6,374.81	92.93
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	1,560.00	15.46	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	1,102.00	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Aw				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	225,244.00	289,533.58	6,013,541.16	
Cereals.....	223,902.00	238,248.52	5,512,616.15	
Teff.....	142,683.00	81,949.02	1,090,834.50	13.31
Barley.....	65,363.00	14,576.63	192,523.42	13.21
Wheat.....	57,999.00	16,190.36	345,561.59	21.34
Maize.....	207,098.00	66,723.38	2,503,664.71	37.52
Sorghum.....	*	*	*	*
Finger millet.....	111,244.00	54,598.72	1,306,623.54	23.93
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Masho.....	-	-	-	-
Pulses.....	98,329.00	25,850.77	313,528.62	
Faba beans.....	46,704.00	6,295.09	99,093.24	15.74
Field peas.....	33,550.00	3,587.03	34,745.55	9.69
Haricot beans white...	5,348.00	*	*	*
Haricot beans red....	*	*	*	*
Chick-peas.....	4,415.00	2,289.26	22,283.69	9.73
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	9,826.00	*	200.48	*
Gibto.....	32,206.00	9,948.87	94,712.16	9.52
Oilseeds.....	127,211.00	25,434.30	187,396.40	
Neug.....	35,918.00	16,445.44	69,844.58	4.25
Linseed.....	6,187.00	500.34	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	6,430.00	*	*	*
Rape seed.....	101,320.00	5,121.15	84,352.78	16.47
Vegetables.....	89,759.00	7,525.36	129,919.16	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	6,838.00	22.79	1,865.61	81.86
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	*	*
Red peppers.....	73,112.00	7,420.38	122,226.88	16.47
Swiss chard.....	*	*	-	-
Root Crops.....	121,509.00	3,277.57	562,921.52	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	53,090.00	2,493.79	508,733.80	204.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	79,017.00	454.55	33,590.83	73.90
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	9,843.00	*	*	*
Fruit Crops.....	36,655.00	239.30	10,965.06	
Avocados.....	4,584.00	*	-	-
Bananas.....	16,643.00	56.39	1,357.60	24.08
Guavas.....	*	*	*	*
Lemons.....	5,068.00	14.85	2,005.82	135.07
Mangoes.....	12,204.00	*	*	*
Oranges.....	8,001.00	37.87	*	*
Papayas.....	2,455.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	64,318.00	1,388.89	2,795.95	2.01
Hops.....	108,577.00	689.33	2,303.82	3.34
Sugar Cane.....	11,436.00	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Oromia Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	96,475.00	56,703.33	1,144,777.97	
Cereals.....	95,463.00	51,227.35	1,082,041.76	
Teff.....	39,735.00	13,377.16	183,138.39	13.69
Barley.....	5,151.00	238.16	3,955.49	16.61
Wheat.....	*	*	*	*
Maize.....	66,030.00	6,148.12	133,415.71	21.70
Sorghum.....	72,303.00	29,578.08	742,901.32	25.12
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Masho.....	10,671.00	1,633.94	10,884.21	6.66
Pulses.....	29,819.00	2,422.67	31,648.78	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans white...	9,879.00	*	*	*
Haricot beans red....	11,638.00	*	*	*
Chick-peas.....	5,028.00	648.48	15,095.93	23.28
Lentils.....	1,903.00	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	5.12	-	-
Gibto.....	*	*	-	-
Oilseeds.....	41,096.00	3,053.31	31,087.43	
Neug.....	1,877.00	*	*	*
Linseed.....	6,929.00	154.22	1,277.32	8.28
Groundnuts.....	8,659.00	691.98	6,831.73	9.87
Safflower.....	20,049.00	716.85	10,444.29	14.57
Sesame.....	19,409.00	1,407.02	11,674.33	8.30
Rape seed.....	*	*	*	*
Vegetables.....	20,550.00	390.87	8,651.26	
Lettuce.....	*	*	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	2,567.00	17.78	1,001.12	56.31
Tomatoes.....	5,205.00	*	1,365.90	*
Green peppers.....	*	*	*	*
Red peppers.....	11,867.00	286.24	4,364.28	15.25
Swiss chard.....	-	-	-	-
Root Crops.....	5,045.00	*	3,563.18	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	3,510.00	3.68	143.33	38.95
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	28,423.00	462.18	18,737.13	
Avocados.....	*	*	-	-
Bananas.....	6,442.00	*	*	*
Guavas.....	6,335.00	32.18	370.87	11.52
Lemons.....	4,275.00	*	*	*
Mangoes.....	10,396.00	136.16	4,587.36	33.69
Oranges.....	11,454.00	115.13	*	*
Papayas.....	7,644.00	28.47	1,761.73	61.88
Pineapples.....	-	-	-	-
Chat.....	25,720.00	1,993.90	7,118.98	3.57
Coffee.....	17,071.00	513.54	2,104.14	4.10
Hops.....	*	*	-	-
Sugar Cane.....	2,247.00	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 6.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Argoba Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6,573.00	6,051.64	120,625.54	
Cereals.....	6,547.00	4,938.63	107,337.62	
Teff.....	1,962.00	474.56	5,540.45	11.67
Barley.....	385.00	24.73	431.04	17.43
Wheat.....	220.00	18.32	294.26	16.06
Maize.....	4,865.00	710.65	15,534.29	21.86
Sorghum.....	6,288.00	3,274.51	80,609.95	24.62
Finger millet.....	310.00	8.21	75.60	9.21
Oats/'Aja'.....	296.00	53.10	960.40	18.09
Rice.....	*	*	-	-
Masho.....	1,906.00	372.02	3,891.63	10.46
Pulses.....	3,521.00	408.29	5,874.74	
Faba beans.....	*	*	*	*
Field peas.....	557.00	70.23	1,023.56	14.57
Haricot beans white...	2,542.00	214.84	3,990.64	18.57
Haricot beans red....	593.00	52.64	540.93	10.28
Chick-peas.....	56.00	16.86	138.40	8.21
Lentils.....	615.00	31.73	163.43	5.15
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	433.00	2.14	8.18	3.82
Gibto.....	*	*	-	-
Oilseeds.....	3,923.00	704.73	7,413.18	
Neug.....	406.00	21.59	185.97	8.61
Linseed.....	869.00	14.94	68.88	4.61
Groundnuts.....	*	*	*	*
Safflower.....	2,174.00	90.52	1,877.76	20.74
Sesame.....	2,225.00	568.69	5,182.52	9.11
Rape seed.....	89.00	*	*	*
Vegetables.....	1,668.00	16.47	510.92	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	99.00	0.30	33.51	111.70
Tomatoes.....	115.00	0.26	-	-
Green peppers.....	533.00	3.64	291.03	79.95
Red peppers.....	1,031.00	12.28	186.38	15.18
Swiss chard.....	-	-	-	-
Root Crops.....	471.00	0.58	75.13	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	405.00	0.33	36.48	110.55
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	590.00	5.47	183.16	
Avocados.....	*	*	-	-
Bananas.....	138.00	0.40	44.69	111.73
Guavas.....	195.00	0.65	14.45	22.23
Lemons.....	140.00	*	*	*
Mangoes.....	347.00	1.36	49.17	36.15
Oranges.....	122.00	0.39	-	-
Papayas.....	137.00	0.54	21.38	39.59
Pineapples.....	-	-	-	-
Chat.....	323.00	5.19	56.77	10.94
Coffee.....	342.00	5.15	20.52	3.98
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Oromia Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	5,446,779.00	5,652,623.88	125,380,837.17	
Cereals.....	5,327,440.00	4,592,182.13	109,486,908.30	
Teff.....	2,489,393.00	1,397,797.42	21,040,842.17	15.05
Barley.....	1,656,581.00	471,134.15	10,239,091.87	21.73
Wheat.....	1,948,739.00	837,000.48	23,028,513.78	27.51
Maize.....	3,840,128.00	1,083,332.83	35,954,090.42	33.19
Sorghum.....	2,097,467.00	669,575.97	16,739,208.69	25.00
Finger millet.....	473,372.00	99,867.65	1,826,899.21	18.29
Oats/'Aja'.....	200,689.00	29,979.50	545,047.07	18.18
Rice.....	27,667.00	3,336.85	113,215.09	33.93
Masho.....	3,158.00	*	-	-
Pulses.....	3,054,279.00	693,531.38	12,495,966.35	
Faba beans.....	1,488,608.00	222,434.09	4,591,220.94	20.64
Field peas.....	607,839.00	108,295.07	1,612,519.44	14.89
Haricot beans white...	707,347.00	77,182.87	1,210,597.06	15.68
Haricot beans red....	712,652.00	66,329.85	1,038,448.14	15.66
Chick-peas.....	292,670.00	88,716.90	1,797,008.25	20.26
Lentils.....	294,005.00	47,917.21	689,424.81	14.39
Grass peas.....	265,445.00	57,602.29	1,127,142.34	19.57
Soya beans.....	59,700.00	13,858.08	310,073.67	22.37
Fenugreek.....	336,788.00	11,031.04	119,527.52	10.84
Gibto.....	3,576.00	*	*	*
Oilseeds.....	1,497,483.00	366,910.37	3,397,962.51	
Neug.....	449,525.00	192,222.28	1,488,831.47	7.75
Linseed.....	429,446.00	55,640.38	593,460.21	10.67
Groundnuts.....	231,745.00	52,921.26	682,939.31	12.90
Safflower.....	36,041.00	1,499.23	14,547.95	9.70
Sesame.....	168,679.00	48,182.44	379,240.81	7.87
Rape seed.....	484,862.00	16,444.77	238,942.77	14.53
Vegetables.....	2,355,934.00	73,989.23	3,242,740.17	
Lettuce.....	21,030.00	159.14	*	*
Head Cabbage.....	253,658.00	2,592.49	170,148.46	65.63
Ethiopian Cabbage.....	1,379,330.00	12,907.53	1,338,924.27	103.73
Tomatoes.....	96,647.00	3,656.99	295,774.61	80.88
Green peppers.....	639,362.00	2,990.85	201,374.31	67.33
Red peppers.....	621,212.00	51,469.56	1,229,800.55	23.89
Swiss chard.....	39,954.00	212.66	*	*
Root Crops.....	2,339,017.00	81,942.21	16,402,536.76	
Beetroot.....	246,922.00	1,244.86	107,588.98	86.43
Carrot.....	63,222.00	928.56	50,554.81	54.44
Onion.....	349,462.00	12,171.66	866,782.50	71.21
Potatoes.....	504,487.00	35,720.46	2,996,332.72	83.88
Yam/'Boye'.....	14,181.00	59.45	-	-
Garlic.....	970,825.00	5,748.78	525,970.53	91.49
Taro/'Godere'.....	403,672.00	4,954.97	1,239,598.37	250.17
Sweet potatoes.....	614,483.00	21,113.47	10,615,708.86	502.79
Fruit Crops.....	1,228,863.00	23,935.33	1,454,360.53	
Avocados.....	305,219.00	3,025.52	*	*
Bananas.....	803,456.00	12,744.01	887,013.24	69.60
Guavas.....	105,457.00	865.06	2,340.79	2.71
Lemons.....	40,587.00	179.54	2,188.26	12.19
Mangoes.....	410,229.00	4,734.50	327,120.75	69.09
Oranges.....	160,327.00	1,331.61	106,437.45	79.93
Papayas.....	186,935.00	1,028.89	123,898.30	120.42
Pineapples.....	11,091.00	26.19	*	*
Chat.....	1,524,560.00	145,983.37	1,581,226.19	10.83
Coffee.....	1,677,500.00	359,727.99	2,518,237.63	7.00
Hops.....	431,818.00	3,672.14	64,789.32	17.64
Sugar Cane.....	335,347.00	7,942.54	3,296,460.86	415.04

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	34,461,351.00	7,061,725.87	8,303,792.24	320,991.67	0.20	0.24	0.01

**Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

West Welega

West Wallega							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	302,971.00	262,818.84	5,875,206.55				
Cereals.....	298,273.00	211,914.70	5,458,554.23				
Teff.....	120,196.00	38,617.50	416,148.55	10.78			
Barley.....	40,596.00	1,521.98	15,683.15	10.30			
Wheat.....	46,321.00	2,963.93	54,621.54	18.43			
Maize.....	283,852.00	70,501.72	2,742,253.78	38.90			
Sorghum.....	211,605.00	55,215.95	1,554,659.77	28.16			
Finger millet.....	156,794.00	42,441.39	653,797.07	15.40			
Oats/'Aja'.....	*	*	*	*			
Rice.....	*	*	*	*			
Masho.....	-	-	-	-			
Pulses.....	150,941.00	13,315.93	125,864.79				
Faba beans.....	53,356.00	3,146.55	31,628.70	10.05			
Field peas.....	23,555.00	1,050.04	7,726.26	7.36			
Haricot beans white...	59,397.00	3,972.41	39,598.79	9.97			
Haricot beans red.....	57,118.00	3,366.80	30,143.37	8.95			
Chick-peas.....	6,454.00	262.99	1,710.47	6.50			
Lentils.....	*	*	*	*			
Grass peas.....	6,442.00	110.74	574.72	5.19			
Soya beans.....	12,251.00	*	*	*			
Fenugreek.....	13,530.00	*	*	*			
Gibto.....	-	-	-	-			
Oilseeds.....	184,185.00	37,588.21	290,787.53				
Neug.....	97,254.00	27,383.35	186,364.04	6.81			
Linseed.....	20,821.00	602.89	2,586.58	4.29			
Groundnuts.....	10,728.00	632.10	*	*			
Safflower.....	*	*	*	*			
Sesame.....	25,000.00	*	*	*			
Rape seed.....	83,286.00	2,307.56	45,163.72	19.57			
Vegetables.....	155,301.00	2,741.23	129,363.68				
Lettuce.....	-	-	-	-			
Head Cabbage.....	10,058.00	30.58	*	*			
Ethiopian Cabbage....	36,693.00	452.43	*	*			
Tomatoes.....	*	*	-	-			
Green peppers.....	34,676.00	235.88	19,277.98	81.73			
Red peppers.....	95,783.00	2,004.48	49,029.32	24.46			
Swiss chard.....	-	-	-	-			
Root Crops.....	153,167.00	3,553.47	65,790.53				
Beetroot.....	8,238.00	19.95	*	*			
Carrot.....	4,348.00	14.20	-	-			
Onion.....	9,476.00	63.68	*	*			
Potatoes.....	*	*	*	*			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	31,715.00	94.87	5,768.26	60.80			
Taro/'Godere'.....	29,805.00	180.95	53,019.57	293.01			
Sweet potatoes.....	120,771.00	3,157.48	-	-			
Fruit Crops.....	169,352.00	4,147.52	258,628.97				
Avocados.....	45,184.00	395.26	-	-			
Bananas.....	117,169.00	1,945.36	132,756.05	68.24			
Guavas.....	*	*	-	-			
Lemons.....	3,878.00	15.50	*	*			
Mangoes.....	73,202.00	1,352.17	100,052.04	73.99			
Oranges.....	40,363.00	356.02	22,542.63	63.32			
Papayas.....	16,505.00	76.48	3,277.22	42.85			
Pineapples.....	-	-	-	-			
Chat.....	64,268.00	2,111.77	6,786.36	3.21			
Coffee.....	222,280.00	70,538.44	445,920.65	6.32			
Hops.....	30,718.00	231.01	-	-			
Sugar Cane.....	20,858.00	652.93	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	6,538.00	-	-	-	-	-	-

**Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

East Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	231,813.00	358,338.50	8,820,554.45	
Cereals.....	230,112.00	283,315.21	8,100,049.24	
Teff.....	138,696.00	86,862.90	1,370,515.08	15.78
Barley.....	42,839.00	6,680.73	112,729.98	16.87
Wheat.....	57,690.00	9,807.38	179,320.59	18.28
Maize.....	220,080.00	124,707.64	4,992,277.83	40.03
Sorghum.....	101,761.00	36,071.65	984,733.86	27.30
Finger millet.....	66,271.00	18,592.42	443,650.26	23.86
Oats/'Aja'.....	3,906.00	*	*	*
Rice.....	1,891.00	*	*	*
Masho.....	*	-	-	-
Pulses.....	103,629.00	14,442.26	202,122.50	
Faba beans.....	57,572.00	6,319.17	85,661.25	13.56
Field peas.....	22,827.00	3,153.85	28,674.03	9.09
Haricot beans white...	14,078.00	*	*	*
Haricot beans red.....	24,897.00	1,690.80	*	*
Chick-peas.....	7,318.00	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	4,471.00	*	*	*
Fenugreek.....	14,266.00	155.78	*	*
Gibto.....	-	-	-	-
Oilseeds.....	147,574.00	60,581.03	518,382.70	
Neug.....	84,949.00	44,255.99	355,596.50	8.03
Linseed.....	2,925.00	135.66	766.81	5.65
Groundnuts.....	29,817.00	9,112.57	*	*
Safflower.....	5,254.00	*	*	*
Sesame.....	22,973.00	4,022.26	29,884.35	7.43
Rape seed.....	56,892.00	2,786.46	52,951.75	19.00
Vegetables.....	114,366.00	3,013.96	76,677.68	
Lettuce.....	-	-	-	-
Head Cabbage.....	6,641.00	*	*	*
Ethiopian Cabbage.....	9,340.00	77.24	3,839.94	49.71
Tomatoes.....	*	*	-	-
Green peppers.....	36,270.00	209.96	13,999.93	66.68
Red peppers.....	78,752.00	2,671.72	58,731.06	21.98
Swiss chard.....	*	*	-	-
Root Crops.....	88,996.00	1,566.77	107,675.68	
Beetroot.....	12,021.00	*	*	*
Carrot.....	1,539.00	1.97	-	-
Onion.....	16,411.00	99.16	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	*	*	-	-
Garlic.....	51,825.00	213.41	23,839.18	111.71
Taro/'Godere'.....	12,499.00	*	*	*
Sweet potatoes.....	26,596.00	897.60	-	-
Fruit Crops.....	75,967.00	1,052.17	67,690.54	
Avocados.....	2,897.00	*	-	-
Bananas.....	41,613.00	461.93	16,561.46	35.85
Guavas.....	*	*	-	-
Lemons.....	2,879.00	*	-	-
Mangoes.....	43,153.00	479.62	36,934.87	77.01
Oranges.....	*	*	*	*
Papayas.....	11,908.00	*	*	*
Pineapples.....	*	*	-	-
Chat.....	32,397.00	1,407.49	10,292.96	7.31
Coffee.....	77,419.00	9,446.42	66,566.81	7.05
Hops.....	39,646.00	359.79	2,699.91	7.50
Sugar Cane.....	8,792.00	474.37	212,214.29	447.36

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	*	-	-	-	-	-	-

**Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Illubabor

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	297,649.00	276,710.53	6,196,913.11				
Cereals.....	295,060.00	238,216.16	5,655,639.27				
Teff.....	156,121.00	80,682.20	1,005,950.30	12.47			
Barley.....	51,780.00	8,949.38	103,136.68	11.52			
Wheat.....	67,261.00	10,076.21	196,689.09	19.52			
Maize.....	276,109.00	94,465.00	3,189,683.88	33.77			
Sorghum.....	154,888.00	35,321.56	960,170.01	27.18			
Finger millet.....	52,987.00	6,666.23	120,410.61	18.06			
Oats/'Aja'.....	1,628.00	55.23	*	*			
Rice.....	*	*	*	*			
Masho.....	-	-	-	-			
Pulses.....	177,475.00	25,991.32	421,398.83				
Faba beans.....	63,270.00	5,914.11	69,362.93	11.73			
Field peas.....	36,069.00	6,457.90	53,774.38	8.33			
Haricot beans white...	69,047.00	2,180.65	24,401.98	11.19			
Haricot beans red.....	55,487.00	1,879.65	25,957.82	13.81			
Chick-peas.....	*	*	*	*			
Lentils.....	*	*	-	-			
Grass peas.....	*	*	*	*			
Soya beans.....	28,050.00	*	*	*			
Fenugreek.....	14,761.00	167.95	1,069.42	6.37			
Gibto.....	*	*	-	-			
Oilseeds.....	83,986.00	12,503.05	119,875.01				
Neug.....	31,308.00	6,204.69	48,064.52	7.75			
Linseed.....	13,621.00	1,655.32	13,256.09	8.01			
Groundnuts.....	12,913.00	*	*	*			
Safflower.....	1,039.00	*	*	*			
Sesame.....	7,896.00	*	*	*			
Rape seed.....	34,643.00	1,030.79	7,982.70	7.74			
Vegetables.....	175,536.00	6,994.45	406,538.31				
Lettuce.....	*	*	-	-			
Head Cabbage.....	47,659.00	160.50	14,749.47	91.90			
Ethiopian Cabbage.....	80,437.00	705.76	65,107.89	92.25			
Tomatoes.....	2,640.00	*	-	-			
Green peppers.....	68,741.00	263.53	17,601.49	66.79			
Red peppers.....	65,552.00	5,838.43	309,079.46	52.94			
Swiss chard.....	*	*	-	-			
Root Crops.....	151,235.00	1,794.79	337,349.18				
Beetroot.....	40,415.00	68.51	4,851.96	70.82			
Carrot.....	3,705.00	5.69	*	*			
Onion.....	23,370.00	116.97	*	*			
Potatoes.....	4,614.00	*	*	*			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	50,832.00	111.89	6,101.46	54.53			
Taro/'Godere'.....	68,817.00	541.83	135,456.71	250.00			
Sweet potatoes.....	39,057.00	855.77	171,154.79	200.00			
Fruit Crops.....	125,164.00	1,947.24	109,367.82				
Avocados.....	22,084.00	190.65	-	-			
Bananas.....	81,615.00	1,032.59	45,992.44	44.54			
Guavas.....	5,500.00	*	-	-			
Lemons.....	3,373.00	6.57	*	*			
Mangoes.....	48,243.00	477.49	26,206.59	54.88			
Oranges.....	11,245.00	62.23	2,790.61	44.84			
Papayas.....	28,243.00	125.31	34,354.22	274.15			
Pineapples.....	*	*	-	-			
Chat.....	108,839.00	4,504.42	35,940.07	7.98			
Coffee.....	184,632.00	66,436.44	386,388.31	5.82			
Hops.....	12,779.00	*	*	*			
Sugar Cane.....	23,352.00	304.78	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	*	-	-	-	-	-	

**Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Jimma							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	572,160.00	513,058.07	10,005,594.01				
Cereals.....	563,074.00	449,910.23	9,315,922.36				
Teff.....	410,810.00	168,947.77	2,206,504.62	13.06			
Barley.....	159,546.00	20,049.91	266,058.29	13.27			
Wheat.....	172,142.00	39,145.68	666,506.90	17.03			
Maize.....	410,256.00	149,821.71	4,906,463.00	32.75			
Sorghum.....	266,821.00	67,413.52	1,193,227.67	17.70			
Finger millet.....	16,826.00	2,319.39	*	*			
Oats/'Aja'.....	30,625.00	*	32,681.90	*			
Rice.....	*	*	-	-			
Masho.....	-	-	-	-			
Pulses.....	305,712.00	39,444.18	471,663.90				
Faba beans.....	170,361.00	22,097.91	303,734.74	13.74			
Field peas.....	64,607.00	13,619.47	127,108.31	9.33			
Haricot beans white...	109,539.00	2,037.38	*	*			
Haricot beans red.....	32,208.00	*	8,349.72	*			
Chick-peas.....	6,343.00	*	*	*			
Lentils.....	28,125.00	499.66	3,702.83	7.41			
Grass peas.....	*	*	-	-			
Soya beans.....	*	*	*	*			
Fenugreek.....	*	*	*	*			
Gibto.....	*	*	*	*			
Oilseeds.....	162,989.00	23,703.66	218,007.75				
Neug.....	41,520.00	12,704.17	*	*			
Linseed.....	97,175.00	4,641.75	29,036.08	6.26			
Groundnuts.....	*	*	*	*			
Safflower.....	*	*	-	-			
Sesame.....	*	*	*	*			
Rape seed.....	39,834.00	855.21	-	-			
Vegetables.....	449,100.00	4,460.38	263,928.97				
Lettuce.....	*	*	-	-			
Head Cabbage.....	50,992.00	*	*	*			
Ethiopian Cabbage.....	378,036.00	1,869.30	175,318.36	93.79			
Tomatoes.....	17,798.00	*	-	-			
Green peppers.....	161,900.00	394.37	23,419.34	59.38			
Red peppers.....	64,834.00	1,731.54	43,611.24	25.19			
Swiss chard.....	*	*	-	-			
Root Crops.....	334,877.00	5,053.99	1,171,979.37				
Beetroot.....	36,263.00	31.53	2,806.13	89.00			
Carrot.....	5,718.00	*	*	*			
Onion.....	22,223.00	19.66	*	*			
Potatoes.....	15,042.00	480.69	91,332.02	190.00			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	91,214.00	286.97	29,231.15	101.86			
Taro/'Godere'.....	248,588.00	3,824.89	963,871.25	252.00			
Sweet potatoes.....	35,551.00	396.94	84,548.44	213.00			
Fruit Crops.....	335,721.00	5,896.28	382,003.66				
Avocados.....	171,070.00	1,515.18	*	*			
Bananas.....	228,786.00	2,655.82	251,787.85	94.81			
Guavas.....	47,699.00	205.90	*	*			
Lemons.....	8,248.00	42.86	*	*			
Mangoes.....	125,093.00	922.77	96,931.82	105.04			
Oranges.....	59,360.00	392.07	22,286.18	56.84			
Papayas.....	60,088.00	140.07	8,805.99	62.87			
Pineapples.....	7,956.00	*	*	*			
Chat.....	364,885.00	14,865.88	83,136.49	5.59			
Coffee.....	426,823.00	89,764.73	738,506.96	8.23			
Hops.....	22,895.00	273.14	*	*			
Sugar Cane.....	148,874.00	1,243.95	482,244.86	387.67			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	3,440,966.00	199,094.32	860,723.33	17,032.78	0.06	0.25	*

**Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	457,250.00	601,079.64	13,163,139.89	
Cereals.....	453,104.00	496,603.77	11,520,066.16	
Teff.....	279,267.00	196,910.63	3,297,148.00	16.74
Barley.....	168,027.00	66,406.75	1,457,796.72	21.95
Wheat.....	182,992.00	57,118.08	1,381,096.14	24.18
Maize.....	298,609.00	99,547.03	3,156,292.39	31.71
Sorghum.....	162,999.00	75,217.04	2,201,790.52	29.27
Finger millet.....	*	*	*	*
Oats/'Aja'.....	9,696.00	556.75	10,687.51	19.20
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	230,763.00	58,889.08	1,184,410.04	
Faba beans.....	169,028.00	23,106.46	508,720.63	22.02
Field peas.....	70,216.00	12,176.12	200,127.44	16.44
Haricot beans white...	11,919.00	249.38	*	*
Haricot beans red.....	6,061.00	*	*	*
Chick-peas.....	27,242.00	7,005.62	*	*
Lentils.....	19,563.00	1,667.25	22,201.16	13.32
Grass peas.....	47,065.00	13,938.22	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	16,717.00	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	117,145.00	45,586.79	*	
Neug.....	60,946.00	*	*	*
Linseed.....	20,215.00	5,721.54	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	48,087.00	1,689.90	14,026.42	8.30
Vegetables.....	210,556.00	*	208,797.55	
Lettuce.....	4,852.00	*	-	-
Head Cabbage.....	23,447.00	91.59	8,127.03	88.73
Ethiopian Cabbage.....	103,090.00	609.42	64,716.28	106.19
Tomatoes.....	7,424.00	*	-	-
Green peppers.....	61,245.00	287.07	*	*
Red peppers.....	69,054.00	*	*	*
Swiss chard.....	7,131.00	*	-	-
Root Crops.....	264,923.00	12,910.12	2,079,611.16	
Beetroot.....	41,312.00	147.60	14,304.26	96.91
Carrot.....	7,249.00	*	*	*
Onion.....	79,894.00	588.13	49,601.35	84.34
Potatoes.....	109,773.00	10,887.77	1,894,472.30	174.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	190,017.00	891.38	72,022.21	80.80
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	9,838.00	*	*	*
Fruit Crops.....	43,303.00	560.01	12,447.28	
Avocados.....	6,314.00	*	-	-
Bananas.....	21,544.00	125.82	5,227.75	41.55
Guavas.....	1,954.00	*	-	-
Lemons.....	4,762.00	*	-	-
Mangoes.....	16,913.00	*	*	*
Oranges.....	*	*	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	11,960.00	*	*	*
Coffee.....	20,479.00	*	*	*
Hops.....	86,071.00	455.63	6,808.49	14.94
Sugar Cane.....	19,363.00	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,169,348.00	308,579.34	441,452.40	16,721.68	0.26	0.38	0.01

**Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	314,105.00	426,267.94	8,016,738.92	
Cereals.....	304,309.00	330,004.37	6,161,416.52	
Teff.....	209,147.00	138,245.37	1,955,983.94	14.15
Barley.....	122,031.00	75,939.28	1,536,685.53	20.24
Wheat.....	153,410.00	63,850.95	1,499,543.52	23.49
Maize.....	101,984.00	4,941.96	*	*
Sorghum.....	67,963.00	45,646.33	1,054,869.33	23.11
Finger millet.....	*	*	-	-
Oats/'Aja'.....	13,934.00	1,221.35	15,855.34	12.98
Rice.....	*	*	-	-
Masho.....	*	*	-	-
Pulses.....	227,082.00	88,919.01	1,799,955.45	
Faba beans.....	201,965.00	46,643.85	1,138,817.20	24.42
Field peas.....	40,548.00	4,852.68	74,538.28	15.36
Haricot beans white...	*	*	*	*
Haricot beans red....	*	*	-	-
Chick-peas.....	35,159.00	10,676.68	140,956.36	13.20
Lentils.....	39,034.00	7,403.78	102,303.98	13.82
Grass peas.....	65,363.00	17,788.83	328,747.49	18.48
Soya beans.....	-	-	-	-
Fenugreek.....	3,359.00	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	73,814.00	7,344.55	55,366.94	
Neug.....	27,289.00	4,025.72	33,217.29	8.25
Linseed.....	15,253.00	2,468.48	18,428.82	7.47
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	*	*	-	-
Rape seed.....	33,913.00	379.67	3,720.83	9.80
Vegetables.....	104,594.00	457.60	38,687.37	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	83,208.00	356.54	34,978.33	98.10
Tomatoes.....	*	*	*	*
Green peppers.....	12,780.00	*	*	*
Red peppers.....	5,223.00	17.38	448.21	25.79
Swiss chard.....	4,125.00	*	*	*
Root Crops.....	158,706.00	*	*	
Beetroot.....	9,164.00	9.17	562.41	61.33
Carrot.....	*	*	*	*
Onion.....	15,963.00	36.90	*	*
Potatoes.....	17,666.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	149,175.00	516.46	6,852.59	13.27
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	6,552.00	*	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	-	-
Pineapples.....	*	*	-	-
Chat.....	*	*	*	*
Coffee.....	6,080.00	*	-	-
Hops.....	58,452.00	323.02	14,903.27	46.14
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

East Shewa				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.....	300,248.00	465,323.75	10,275,130.74	
Cereals.....	292,484.00	375,436.12	8,467,711.86	
Teff.....	231,039.00	207,134.97	3,414,893.59	16.49
Barley.....	56,993.00	9,424.26	180,145.23	19.12
Wheat.....	142,343.00	64,618.06	1,983,994.99	30.70
Maize.....	195,313.00	79,687.78	2,527,460.25	31.72
Sorghum.....	53,433.00	13,758.19	350,653.24	25.49
Finger millet.....	*	*	*	*
Oats/'Aja'.....	4,772.00	291.64	7,450.69	25.55
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	190,855.00	89,130.69	1,803,463.82	
Faba beans.....	89,864.00	14,710.10	330,857.38	22.49
Field peas.....	40,202.00	6,216.71	108,464.22	17.45
Haricot beans white...	59,234.00	20,289.93	318,085.99	15.68
Haricot beans red....	47,882.00	5,913.56	99,381.36	16.81
Chick-peas.....	42,951.00	19,378.12	545,121.98	28.13
Lentils.....	58,546.00	18,208.34	332,832.00	18.28
Grass peas.....	24,231.00	3,315.49	57,526.37	17.35
Soya beans.....	*	*	-	-
Fenugreek.....	13,119.00	902.99	11,194.52	12.40
Gibto.....	-	-	-	-
Oilseeds.....	17,784.00	756.94	3,955.05	
Neug.....	*	*	-	-
Linseed.....	5,834.00	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	1,597.00	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	10,959.00	*	*	*
Vegetables.....	45,055.00	2,234.00	170,259.17	
Lettuce.....	*	*	*	*
Head Cabbage.....	1,752.00	*	*	*
Ethiopian Cabbage....	33,246.00	511.16	62,214.53	121.71
Tomatoes.....	5,889.00	*	*	*
Green peppers.....	9,925.00	81.94	*	*
Red peppers.....	5,403.00	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	48,270.00	3,297.29	284,205.96	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	18,310.00	*	265,784.68	*
Potatoes.....	4,653.00	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	32,914.00	156.87	16,648.02	106.13
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	7,534.00	44.71	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	1,637.00	*	*	*
Oranges.....	*	*	*	*
Papayas.....	3,049.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	3,712.00	*	*	*
Hops.....	19,667.00	413.89	19,427.43	46.94
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Arsi							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	525,282.00	596,995.46	14,477,828.61				
Cereals.....	513,660.00	504,053.84	12,733,590.64				
Teff.....	222,227.00	114,578.57	1,723,016.47	15.04			
Barley.....	239,119.00	91,616.90	2,440,862.00	26.64			
Wheat.....	314,239.00	192,232.38	5,823,929.72	30.30			
Maize.....	309,569.00	69,916.08	1,814,061.50	25.95			
Sorghum.....	121,452.00	34,308.19	903,760.87	26.34			
Finger millet.....	-	-	-	-			
Oats/'Aja'.....	27,397.00	1,401.71	27,960.07	19.95			
Rice.....	-	-	-	-			
Masho.....	-	-	-	-			
Pulses.....	322,672.00	77,667.28	1,547,032.86				
Faba beans.....	214,225.00	38,150.21	859,191.12	22.52			
Field peas.....	93,356.00	18,474.16	393,175.45	21.28			
Haricot beans white...	52,654.00	7,852.51	123,751.94	15.76			
Haricot beans red....	46,628.00	2,716.87	45,729.95	16.83			
Chick-peas.....	6,069.00	*	8,635.67	*			
Lentils.....	33,757.00	*	*	*			
Grass peas.....	23,624.00	2,857.72	50,751.57	17.76			
Soya beans.....	-	-	-	-			
Fenugreek.....	26,806.00	1,442.91	15,111.02	10.47			
Gibto.....	-	-	-	-			
Oilseeds.....	83,013.00	15,274.34	197,205.12				
Neug.....	9,184.00	*	6,706.88	*			
Linseed.....	47,130.00	13,127.36	177,151.52	13.49			
Groundnuts.....	*	*	*	*			
Safflower.....	*	*	*	*			
Sesame.....	*	*	*	*			
Rape seed.....	27,114.00	587.82	7,750.26	13.18			
Vegetables.....	146,071.00	3,821.71	251,741.40				
Lettuce.....	*	*	-	-			
Head Cabbage.....	28,262.00	353.75	14,506.32	41.01			
Ethiopian Cabbage....	82,123.00	1,211.87	118,721.83	97.97			
Tomatoes.....	8,711.00	*	*	*			
Green peppers.....	32,229.00	192.06	*	*			
Red peppers.....	22,978.00	*	*	*			
Swiss chard.....	2,854.00	*	-	-			
Root Crops.....	168,231.00	10,051.79	533,491.36				
Beetroot.....	20,283.00	177.29	14,184.22	80.01			
Carrot.....	16,468.00	*	*	*			
Onion.....	49,449.00	*	308,071.42	*			
Potatoes.....	33,989.00	2,263.63	-	-			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	80,914.00	1,290.14	147,263.55	114.15			
Taro/'Godere'.....	*	*	*	*			
Sweet potatoes.....	7,015.00	*	*	*			
Fruit Crops.....	35,083.00	451.04	20,614.84				
Avocados.....	1,902.00	*	-	-			
Bananas.....	22,539.00	275.08	9,575.09	34.81			
Guavas.....	*	*	-	-			
Lemons.....	*	*	-	-			
Mangoes.....	*	*	*	*			
Oranges.....	8,125.00	*	*	*			
Papayas.....	*	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	50,782.00	3,761.72	*	*			
Coffee.....	57,209.00	6,870.73	55,111.44	8.02			
Hops.....	38,775.00	345.09	2,102.25	6.09			
Sugar Cane.....	5,928.00	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset		*	-	-	-	-	-

**Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

West Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	330,097.00	238,319.88	5,325,320.73	
Cereals.....	327,767.00	196,744.07	4,747,090.01	
Teff.....	44,665.00	7,010.48	90,306.50	12.88
Barley.....	99,938.00	13,028.60	*	*
Wheat.....	47,453.00	4,258.41	82,049.52	19.27
Maize.....	276,814.00	47,029.83	1,207,906.17	25.68
Sorghum.....	279,680.00	123,897.29	3,100,364.96	25.02
Finger millet.....	19,987.00	*	27,675.22	*
Oats/'Aja'.....	4,339.00	135.95	1,526.40	11.23
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	208,589.00	34,012.02	482,179.23	
Faba beans.....	19,532.00	964.12	14,535.80	15.08
Field peas.....	3,048.00	253.91	*	*
Haricot beans white...	146,568.00	21,422.24	339,341.90	15.84
Haricot beans red....	38,526.00	2,088.61	19,796.86	9.48
Chick-peas.....	24,341.00	2,081.36	*	*
Lentils.....	26,302.00	*	*	*
Grass peas.....	2,998.00	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	35,883.00	723.16	5,624.50	7.78
Gibto.....	*	*	-	-
Oilseeds.....	103,825.00	7,563.78	96,051.49	
Neug.....	*	*	-	-
Linseed.....	48,739.00	1,121.16	7,791.23	6.95
Groundnuts.....	28,664.00	1,941.46	58,268.16	30.01
Safflower.....	2,281.00	19.93	91.67	4.60
Sesame.....	35,893.00	4,471.45	29,900.42	6.69
Rape seed.....	*	*	-	-
Vegetables.....	107,158.00	8,793.72	308,752.70	
Lettuce.....	*	*	*	*
Head Cabbage.....	5,277.00	*	*	*
Ethiopian Cabbage....	5,687.00	*	*	*
Tomatoes.....	30,297.00	*	*	*
Green peppers.....	18,344.00	97.65	8,222.06	84.20
Red peppers.....	60,486.00	7,653.62	232,760.67	30.41
Swiss chard.....	*	*	-	-
Root Crops.....	120,341.00	6,836.15	1,231,664.63	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	33,623.00	1,835.49	168,930.34	92.04
Potatoes.....	10,221.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	10,528.00	60.99	3,945.97	64.70
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	86,917.00	4,467.55	991,797.18	222.00
Fruit Crops.....	65,458.00	2,111.63	*	
Avocados.....	*	*	-	-
Bananas.....	43,077.00	*	*	*
Guavas.....	17,066.00	162.96	603.96	3.71
Lemons.....	5,457.00	10.65	*	*
Mangoes.....	11,405.00	*	*	*
Oranges.....	*	16.98	*	*
Papayas.....	8,174.00	76.58	*	*
Pineapples.....	-	-	-	-
Chat.....	224,762.00	30,156.23	246,770.65	8.18
Coffee.....	125,660.00	14,169.87	116,003.51	8.19
Hops.....	1,370.00	*	-	-
Sugar Cane.....	19,331.00	638.01	296,085.99	464.08

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

East Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	520,257.00	252,561.08	5,079,110.84	
Cereals.....	518,418.00	202,717.60	4,471,742.23	
Teff.....	63,346.00	6,431.46	62,860.13	9.77
Barley.....	101,994.00	5,222.67	105,983.02	20.29
Wheat.....	147,671.00	19,935.77	363,495.07	18.23
Maize.....	424,811.00	55,383.62	1,332,519.54	24.06
Sorghum.....	394,107.00	114,028.52	2,576,525.50	22.60
Finger millet.....	*	*	*	*
Oats/'Aja'.....	21,158.00	*	*	*
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	287,639.00	17,240.22	246,193.89	
Faba beans.....	49,109.00	3,629.32	78,340.04	21.59
Field peas.....	10,004.00	392.47	*	*
Haricot beans white...	61,072.00	3,448.32	47,909.61	13.89
Haricot beans red.....	146,511.00	5,857.61	68,169.54	11.64
Chick-peas.....	7,720.00	136.90	1,964.40	14.35
Lentils.....	21,470.00	701.11	6,513.84	9.29
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	116,267.00	3,013.72	35,581.70	11.81
Gibto.....	-	-	-	-
Oilseeds.....	199,585.00	32,603.26	361,174.72	
Neug.....	-	-	-	-
Linseed.....	83,130.00	2,876.76	27,509.94	9.56
Groundnuts.....	115,922.00	28,909.44	326,788.03	11.30
Safflower.....	-	-	-	-
Sesame.....	13,777.00	*	6,876.75	*
Rape seed.....	*	*	-	-
Vegetables.....	47,147.00	*	*	
Lettuce.....	*	*	-	-
Head Cabbage.....	6,741.00	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	8,497.00	*	*	*
Green peppers.....	17,019.00	*	*	*
Red peppers.....	15,334.00	55.15	1,655.55	30.02
Swiss chard.....	*	*	-	-
Root Crops.....	258,756.00	10,466.90	9,416,763.58	
Beetroot.....	3,171.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	15,854.00	151.95	*	*
Potatoes.....	52,710.00	2,507.12	483,873.33	193.00
Yam/'Boye'.....	-	-	-	-
Garlic.....	28,047.00	303.79	43,408.01	142.89
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	210,883.00	7,395.30	8,852,173.85	1,197.00
Fruit Crops.....	89,685.00	962.56	61,646.74	
Avocados.....	*	*	-	-
Bananas.....	53,577.00	606.17	39,163.39	64.61
Guavas.....	18,504.00	51.64	420.26	8.14
Lemons.....	*	*	*	*
Mangoes.....	30,502.00	173.80	7,966.12	45.83
Oranges.....	*	*	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	476,914.00	70,626.67	917,693.69	12.99
Coffee.....	136,421.00	6,389.58	33,016.39	5.17
Hops.....	-	-	-	-
Sugar Cane.....	17,310.00	441.29	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Bale

Date							
Crop		Number of holders	Area in hectare	Production in quintal	yield (qt / ha)		
Grain Crops.		316,394.00	375,933.52	8,293,357.44			
Cereals.....		307,000.00	306,220.64	7,326,634.51			
Teff.....		120,636.00	51,171.21	637,323.98	12.45		
Barley.....		111,523.00	43,975.45	854,393.03	19.43		
Wheat.....		167,649.00	150,296.60	4,393,841.18	29.23		
Maize.....		133,085.00	32,166.95	867,388.36	26.97		
Sorghum.....		37,197.00	7,820.11	189,550.10	24.24		
Finger millet.....		-	-	-	-		
Oats/'Aja'.....		70,274.00	20,790.32	384,137.86	18.48		
Rice.....		-	-	-	-		
Masho.....		-	-	-	-		
Pulses.....		120,629.00	33,875.45	642,155.04			
Faba beans.....		57,793.00	17,565.34	394,780.18	22.47		
Field peas.....		34,130.00	9,839.28	182,383.02	18.54		
Haricot beans white...		37,568.00	4,044.17	44,102.74	10.91		
Haricot beans red....		*	*	*	*		
Chick-peas.....		*	*	*	*		
Lentils.....		11,105.00	752.60	5,176.33	6.88		
Grass peas.....		*	*	*	*		
Soya beans.....		-	-	-	-		
Fenugreek.....		3,157.00	102.56	773.76	7.54		
Gibto.....		-	-	-	-		
Oilseeds.....		68,693.00	35,837.43	324,567.88			
Neug.....		1,526.00	*	*	*		
Linseed.....		30,364.00	14,220.63	145,924.37	10.26		
Groundnuts.....		*	*	-	-		
Safflower.....		*	*	-	-		
Sesame.....		36,165.00	21,062.29	*	*		
Rape seed.....		*	*	-	-		
Vegetables.....		55,901.00	*	*			
Lettuce.....		*	*	-	-		
Head Cabbage.....		5,324.00	*	*	*		
Ethiopian Cabbage.....		34,840.00	488.69	50,127.09	102.57		
Tomatoes.....		-	-	-	-		
Green peppers.....		5,382.00	33.48	2,779.72	83.03		
Red peppers.....		21,528.00	*	*	*		
Swiss chard.....		-	-	-	-		
Root Crops.....		40,528.00	2,524.02	*			
Beetroot.....		4,772.00	*	*	*		
Carrot.....		*	*	*	*		
Onion.....		13,125.00	317.31	24,894.59	78.46		
Potatoes.....		6,316.00	*	*	*		
Yam/'Boye'.....		-	-	-	-		
Garlic.....		6,804.00	113.18	8,303.26	73.36		
Taro/'Godere'.....		-	-	-	-		
Sweet potatoes.....		11,171.00	*	*	*		
Fruit Crops.....		35,019.00	1,776.60	141,765.20			
Avocados.....		*	*	-	-		
Bananas.....		18,892.00	643.93	59,466.01	92.35		
Guavas.....		*	*	-	-		
Lemons.....		-	-	-	-		
Mangoes.....		14,981.00	602.46	*	*		
Oranges.....		*	*	*	*		
Papayas.....		3,775.00	*	*	*		
Pineapples.....		-	-	-	-		
Chat.....		49,974.00	10,299.84	92,826.46	9.01		
Coffee.....		49,298.00	14,322.61	98,402.77	6.87		
Hops.....		10,950.00	208.20	8,125.13	39.03		
Sugar Cane.....		*	*	*	*		
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	*	-	-	-	-	-	-

**Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Borena				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	63,638.00	24,227.27	435,100.03	
Cereals.....	51,303.00	15,653.06	314,956.62	
Teff.....	17,713.00	3,761.65	41,899.11	11.14
Barley.....	3,692.00	338.52	4,382.33	12.95
Wheat.....	5,672.00	854.22	17,505.53	20.49
Maize.....	39,142.00	8,342.16	218,446.62	26.19
Sorghum.....	8,059.00	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	48,131.00	8,562.82	119,772.69	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans white...	9,370.00	1,112.42	24,857.10	22.35
Haricot beans red.....	38,877.00	6,942.93	88,009.80	12.68
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	35,379.00	631.20	48,988.83	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	32,631.00	526.03	43,478.28	82.65
Tomatoes.....	*	*	-	-
Green peppers.....	9,579.00	103.26	5,510.55	53.37
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	18,298.00	528.14	53,262.65	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Yam/'Boye'.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	5,754.00	*	*	*
Sweet potatoes.....	11,968.00	414.15	42,243.20	102.00
Fruit Crops.....	23,157.00	902.41	29,260.11	
Avocados.....	8,059.00	153.20	-	-
Bananas.....	16,195.00	743.97	29,128.00	39.15
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	13,216.00	1,441.33	13,279.77	9.21
Coffee.....	47,035.00	9,999.05	99,830.18	9.98
Hops.....	*	*	-	-
Sugar Cane.....	5,830.00	196.81	59,625.80	302.96

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,495,355.00	434,274.98	477,149.79	7,536.59	0.29	0.32	0.01

**Table 7.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

South West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	298,514.00	379,417.80	7,456,818.85				
Cereals.....	289,688.00	274,885.75	5,577,339.60				
Teff.....	197,703.00	149,984.72	2,487,521.75	16.59			
Barley.....	113,491.00	27,296.33	526,161.75	19.28			
Wheat.....	175,958.00	68,825.94	1,816,243.08	26.39			
Maize.....	182,421.00	22,132.34	606,998.25	27.43			
Sorghum.....	37,827.00	6,175.30	133,314.10	21.59			
Finger millet.....	*	*	*	*			
Oats/'Aja'.....	*	*	*	*			
Rice.....	*	*	-	-			
Masho.....	-	-	-	-			
Pulses.....	224,131.00	93,928.83	1,777,895.49				
Faba beans.....	145,954.00	15,750.80	331,411.78	21.04			
Field peas.....	67,116.00	13,639.40	182,865.04	13.41			
Haricot beans white...	20,803.00	590.43	9,233.49	15.64			
Haricot beans red.....	9,996.00	*	*	*			
Chick-peas.....	98,661.00	41,163.39	849,261.76	20.63			
Lentils.....	47,332.00	6,019.07	81,967.60	13.62			
Grass peas.....	83,168.00	15,141.25	306,142.70	20.22			
Soya beans.....	*	*	*	*			
Fenugreek.....	9,458.00	*	*	*			
Gibto.....	-	-	-	-			
Oilseeds.....	68,324.00	10,603.22	101,583.76				
Neug.....	15,316.00	3,539.08	24,053.39	6.80			
Linseed.....	20,210.00	6,084.84	65,710.76	10.80			
Groundnuts.....	*	*	-	-			
Safflower.....	6,876.00	*	*	*			
Sesame.....	-	-	-	-			
Rape seed.....	38,921.00	784.07	8,835.45	11.27			
Vegetables.....	175,530.00	*	106,319.88				
Lettuce.....	3,116.00	*	-	-			
Head Cabbage.....	12,060.00	22.41	*	*			
Ethiopian Cabbage....	129,975.00	477.22	63,015.77	132.05			
Tomatoes.....	2,162.00	*	-	-			
Green peppers.....	75,491.00	227.11	*	*			
Red peppers.....	*	*	*	*			
Swiss chard.....	17,362.00	*	*	*			
Root Crops.....	171,805.00	3,341.49	54,072.80				
Beetroot.....	18,258.00	49.74	4,247.66	85.40			
Carrot.....	3,728.00	*	*	*			
Onion.....	18,383.00	*	*	*			
Potatoes.....	89,312.00	2,803.80	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	110,194.00	376.72	36,660.54	97.32			
Taro/'Godere'.....	*	*	*	*			
Sweet potatoes.....	*	*	*	*			
Fruit Crops.....	41,009.00	263.85	11,191.12				
Avocados.....	14,042.00	*	-	-			
Bananas.....	26,777.00	141.45	7,668.96	54.22			
Guavas.....	*	*	-	-			
Lemons.....	2,614.00	*	*	*			
Mangoes.....	3,418.00	*	*	*			
Oranges.....	*	*	*	*			
Papayas.....	9,472.00	16.04	*	*			
Pineapples.....	-	-	-	-			
Chat.....	50,685.00	1,805.77	16,260.82	9.00			
Coffee.....	35,651.00	284.93	-	-			
Hops.....	61,804.00	392.87	*	*			
Sugar Cane.....	14,345.00	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,929,028.00	403,080.32	422,380.05	48,804.42	0.21	0.22	0.03

**Table 7.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Guji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.....	198,817.00	116,072.50	2,665,506.18	
Cereals.....	178,916.00	85,964.74	2,028,714.51	
Teff.....	42,969.00	13,815.97	180,178.47	13.04
Barley.....	65,878.00	20,140.39	328,435.81	16.31
Wheat.....	16,116.00	3,623.17	90,871.73	25.08
Maize.....	138,510.00	48,372.05	1,429,228.50	29.55
Sorghum.....	*	*	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	119,360.00	30,094.42	636,749.75	
Faba beans.....	48,583.00	6,452.82	130,632.13	20.24
Field peas.....	20,041.00	3,241.95	49,187.70	15.17
Haricot beans white....	24,325.00	*	*	*
Haricot beans red.....	47,545.00	11,834.77	247,838.83	20.94
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1,359.00	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	112,865.00	2,856.60	253,878.16	
Lettuce.....	-	-	-	-
Head Cabbage.....	4,997.00	*	*	*
Ethiopian Cabbage.....	109,411.00	2,511.94	236,277.82	94.06
Tomatoes.....	*	*	-	-
Green peppers.....	11,393.00	152.46	7,801.63	51.17
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	35,462.00	1,124.16	116,125.98	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	*	*	-	-
Potatoes.....	16,522.00	426.63	60,155.37	141.00
Yam/'Boye'.....	*	*	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	11,270.00	381.95	47,744.24	125.00
Fruit Crops.....	30,581.00	1,344.37	80,851.90	
Avocados.....	10,279.00	*	*	*
Bananas.....	21,781.00	801.02	74,123.32	92.54
Guavas.....	*	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	9,362.00	*	*	*
Coffee.....	95,532.00	22,481.34	227,072.33	10.10
Hops.....	-	-	-	-
Sugar Cane.....	12,113.00	697.66	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	7,605,333.00	1,796,440.42	1,918,004.10	72,600.50	0.24	0.25	0.01

**Table 7.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Kelem Wellega							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	175,141.00	164,310.24	4,434,802.35				
Cereals.....	173,739.00	141,953.10	4,152,619.42				
Teff.....	64,586.00	21,912.27	298,546.98	13.62			
Barley.....	35,255.00	3,582.00	54,933.70	15.34			
Wheat.....	39,780.00	7,262.23	145,918.51	20.09			
Maize.....	166,492.00	56,101.19	2,227,019.42	39.70			
Sorghum.....	128,284.00	33,709.48	1,058,939.82	31.41			
Finger millet.....	100,856.00	18,979.47	361,040.19	19.02			
Oats/'Aja'.....	1,933.00	*	*	*			
Rice.....	*	*	*	*			
Masho.....	924.00	*	-	-			
Pulses.....	105,348.00	16,342.96	206,830.27				
Faba beans.....	45,405.00	5,277.50	71,180.23	13.49			
Field peas.....	26,061.00	3,286.01	34,431.76	10.48			
Haricot beans white...	21,101.00	960.48	11,721.80	12.20			
Haricot beans red....	48,880.00	4,408.99	66,330.87	15.04			
Chick-peas.....	10,556.00	1,262.68	13,325.62	10.55			
Lentils.....	1,126.00	*	*	*			
Grass peas.....	*	*	*	*			
Soya beans.....	5,996.00	*	4,976.40	*			
Fenugreek.....	25,682.00	624.69	3,543.72	5.67			
Gibto.....	*	*	-	-			
Oilseeds.....	66,123.00	6,014.18	75,352.66				
Neug.....	16,473.00	*	*	*			
Linseed.....	7,504.00	200.04	*	*			
Groundnuts.....	5,585.00	132.27	*	*			
Safflower.....	*	*	*	*			
Sesame.....	4,736.00	751.83	*	*			
Rape seed.....	40,533.00	1,777.88	38,567.44	21.69			
Vegetables.....	113,975.00	8,595.33	186,897.52				
Lettuce.....	-	-	-	-			
Head Cabbage.....	16,166.00	130.54	5,537.82	42.42			
Ethiopian Cabbage.....	14,355.00	135.88	9,202.17	67.72			
Tomatoes.....	*	*	-	-			
Green peppers.....	22,137.00	168.95	10,156.57	60.12			
Red peppers.....	84,491.00	8,154.78	162,000.96	19.87			
Swiss chard.....	-	-	-	-			
Root Crops.....	68,259.00	1,860.35	50,499.54				
Beetroot.....	8,795.00	27.51	*	*			
Carrot.....	2,450.00	2.33	-	-			
Onion.....	9,760.00	328.54	*	*			
Potatoes.....	*	*	-	-			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	16,774.00	187.48	*	*			
Taro/'Godere'.....	23,573.00	139.17	25,190.36	181.00			
Sweet potatoes.....	28,807.00	*	-	-			
Fruit Crops.....	88,669.00	1,768.38	105,476.23				
Avocados.....	5,376.00	26.40	-	-			
Bananas.....	66,140.00	1,191.62	80,374.02	67.45			
Guavas.....	1,020.00	*	-	-			
Lemons.....	*	*	*	*			
Mangoes.....	32,495.00	298.66	21,132.58	70.76			
Oranges.....	6,338.00	27.50	1,477.39	53.72			
Papayas.....	15,640.00	*	*	*			
Pineapples.....	*	*	-	-			
Chat.....	37,802.00	*	*	*			
Coffee.....	136,899.00	39,772.28	195,725.18	4.92			
Hops.....	10,559.00	99.78	*	*			
Sugar Cane.....	8,834.00	541.87	182,501.56	336.80			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	*	-	-	-	-	-	-

**Table 7.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Horoguduru

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	122,327.00	282,647.18	5,335,560.69				
Cereals.....	121,517.00	191,648.25	4,412,621.54				
Teff.....	92,646.00	88,699.82	1,515,019.95	17.08			
Barley.....	54,424.00	15,336.35	230,071.37	15.00			
Wheat.....	59,598.00	27,290.44	527,653.05	19.33			
Maize.....	108,151.00	50,131.36	1,895,668.13	37.81			
Sorghum.....	15,083.00	9,497.05	233,840.79	24.62			
Finger millet.....	*	*	*	*			
Oats/'Aja'.....	4,273.00	246.48	2,883.62	11.70			
Rice.....	*	*	*	*			
Masho.....	*	*	-	-			
Pulses.....	81,127.00	22,420.02	371,243.47				
Faba beans.....	57,263.00	9,181.47	159,872.51	17.41			
Field peas.....	43,549.00	8,324.56	112,169.06	13.47			
Haricot beans white...	1,860.00	*	*	*			
Haricot beans red....	*	*	*	*			
Chick-peas.....	2,043.00	243.37	*	*			
Lentils.....	-	-	-	-			
Grass peas.....	-	-	-	-			
Soya beans.....	*	*	*	*			
Fenugreek.....	23,789.00	136.98	1,112.16	8.12			
Gibto.....	*	*	-	-			
Oilseeds.....	96,018.00	68,578.91	551,695.68				
Neug.....	61,932.00	52,213.68	359,492.60	6.89			
Linseed.....	4,379.00	503.40	2,353.35	4.67			
Groundnuts.....	10,081.00	*	*	*			
Safflower.....	2,342.00	218.37	*	*			
Sesame.....	13,072.00	*	*	*			
Rape seed.....	49,820.00	3,017.86	54,599.11	18.09			
Vegetables.....	54,852.00	415.87	17,103.75				
Lettuce.....	*	*	-	-			
Head Cabbage.....	12,864.00	19.09	891.30	46.69			
Ethiopian Cabbage.....	4,981.00	21.68	591.39	27.28			
Tomatoes.....	*	*	-	-			
Green peppers.....	34,165.00	188.54	12,548.32	66.56			
Red peppers.....	14,853.00	184.77	3,072.74	16.63			
Swiss chard.....	*	*	-	-			
Root Crops.....	83,551.00	814.94	103,233.63				
Beetroot.....	13,295.00	21.44	1,756.17	81.91			
Carrot.....	2,487.00	3.44	*	*			
Onion.....	19,044.00	68.76	7,401.67	107.64			
Potatoes.....	8,078.00	364.57	52,133.99	143.00			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	75,975.00	347.11	40,526.01	116.75			
Taro/'Godere'.....	*	*	-	-			
Sweet potatoes.....	2,486.00	9.47	1,212.19	128.00			
Fruit Crops.....	13,932.00	178.06	*				
Avocados.....	*	*	-	-			
Bananas.....	7,814.00	59.25	1,912.05	32.27			
Guavas.....	-	-	-	-			
Lemons.....	*	*	*	*			
Mangoes.....	*	*	*	*			
Oranges.....	*	*	-	-			
Papayas.....	*	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	9,840.00	83.51	509.27	6.10			
Coffee.....	9,606.00	*	*	*			
Hops.....	36,289.00	394.72	6,037.26	15.30			
Sugar Cane.....	4,668.00	268.13	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 7.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

West Arsi

WEST ARSI							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	420,115.00	318,541.69	9,524,153.80				
Cereals.....	409,015.00	286,940.51	9,042,239.59				
Teff.....	77,625.00	23,029.93	337,024.73	14.63			
Barley.....	189,454.00	61,624.64	1,784,372.07	28.96			
Wheat.....	152,442.00	114,841.02	3,805,233.61	33.13			
Maize.....	274,932.00	70,084.39	2,741,943.96	39.12			
Sorghum.....	55,695.00	9,126.13	210,085.09	23.02			
Finger millet.....	46,451.00	*	149,996.19	*			
Oats/'Aja'.....	*	*	*	*			
Rice.....	*	*	-	-			
Masho.....	-	-	-	-			
Pulses.....	150,196.00	29,254.87	457,034.32				
Faba beans.....	43,125.00	3,461.03	81,532.96	23.56			
Field peas.....	11,503.00	*	*	*			
Haricot beans white...	*	*	*	*			
Haricot beans red....	94,151.00	15,382.63	228,170.37	14.83			
Chick-peas.....	*	*	*	*			
Lentils.....	*	*	*	*			
Grass peas.....	*	*	*	*			
Soya beans.....	-	-	-	-			
Fenugreek.....	*	*	*	*			
Gibto.....	-	-	-	-			
Oilseeds.....	22,713.00	2,346.31	24,879.88				
Neug.....	*	*	-	-			
Linseed.....	11,399.00	1,902.92	20,825.37	10.94			
Groundnuts.....	*	*	-	-			
Safflower.....	-	-	-	-			
Sesame.....	-	-	-	-			
Rape seed.....	11,095.00	*	*	*			
Vegetables.....	252,549.00	4,662.62	490,019.74				
Lettuce.....	*	*	-	-			
Head Cabbage.....	17,957.00	*	*	*			
Ethiopian Cabbage....	240,687.00	2,890.86	349,336.66	120.84			
Tomatoes.....	*	*	*	*			
Green peppers.....	28,088.00	54.70	*	*			
Red peppers.....	*	*	*	*			
Swiss chard.....	*	*	-	-			
Root Crops.....	173,613.00	14,397.59	101,086.40				
Beetroot.....	22,169.00	342.56	39,630.43	115.69			
Carrot.....	7,710.00	*	*	*			
Onion.....	*	*	-	-			
Potatoes.....	128,317.00	13,451.36	-	-			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	39,309.00	*	*	*			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	*	*	-	-			
Fruit Crops.....	42,675.00	*	*				
Avocados.....	10,107.00	40.40	*	*			
Bananas.....	31,833.00	*	*	*			
Guavas.....	*	*	-	-			
Lemons.....	-	-	-	-			
Mangoes.....	*	*	-	-			
Oranges.....	*	*	-	-			
Papayas.....	4,122.00	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	13,166.00	*	*	*			
Coffee.....	*	*	*	*			
Hops.....	*	*	-	-			
Sugar Cane.....	9,917.00	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	17,294,385.00	3,920,256.49	4,184,082.56	158,295.69	0.23	0.24	0.01

**Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Somali Region

Somali Region							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	120,580.00	72,713.30	1,933,298.89				
Cereals.....	115,775.00	67,665.69	1,851,273.48				
Teff.....	*	*	-	-			
Barley.....	4,542.00	*	*	*			
Wheat.....	11,822.00	*	*	*			
Maize.....	92,560.00	30,095.76	837,168.24	27.82			
Sorghum.....	68,216.00	30,627.74	879,944.64	28.73			
Finger millet.....	-	-	-	-			
Oats/'Aja'.....	*	*	-	-			
Rice.....	*	*	-	-			
Masho.....	-	-	-	-			
Pulses.....	22,329.00	2,877.87	26,365.16				
Faba beans.....	-	-	-	-			
Field peas.....	*	*	-	-			
Haricot beans white...	9,947.00	*	*	*			
Haricot beans red....	11,078.00	1,797.79	19,064.64	10.60			
Chick-peas.....	*	*	-	-			
Lentils.....	-	-	-	-			
Grass peas.....	-	-	-	-			
Soya beans.....	-	-	-	-			
Fenugreek.....	*	*	*	*			
Gibto.....	*	*	-	-			
Oilseeds.....	*	*	*				
Neug.....	-	-	-	-			
Linseed.....	*	*	*	*			
Groundnuts.....	*	*	*	*			
Safflower.....	-	-	-	-			
Sesame.....	*	*	*	*			
Rape seed.....	-	-	-	-			
Vegetables.....	6,522.00	*	*				
Lettuce.....	-	-	-	-			
Head Cabbage.....	-	-	-	-			
Ethiopian Cabbage....	*	*	-	-			
Tomatoes.....	5,823.00	*	*	*			
Green peppers.....	*	*	*	*			
Red peppers.....	*	*	-	-			
Swiss chard.....	-	-	-	-			
Root Crops.....	8,537.00	1,148.56	116,135.49				
Beetroot.....	-	-	-	-			
Carrot.....	*	*	-	-			
Onion.....	6,836.00	1,044.71	114,506.31	109.61			
Potatoes.....	*	*	-	-			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	*	*	*	*			
Taro/'Godere'.....	-	-	-	-			
Sweet potatoes.....	909.00	*	-	-			
Fruit Crops.....	6,212.00	390.38	41,408.88				
Avocados.....	-	-	-	-			
Bananas.....	1,356.00	*	*	*			
Guavas.....	*	*	*	*			
Lemons.....	1,548.00	30.14	1,532.22	50.84			
Mangoes.....	2,273.00	34.26	*	*			
Oranges.....	2,092.00	147.29	25,754.27	174.85			
Papayas.....	1,360.00	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	23,440.00	6,265.29	106,209.68	16.95			
Coffee.....	*	*	-	-			
Hops.....	-	-	-	-			
Sugar Cane.....	-	-	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Shinele				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6,219.00	2,054.20	58,712.11	
Cereals.....	6,219.00	2,051.27	58,696.90	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	2,458.00	242.85	6,756.44	27.82
Sorghum.....	5,646.00	1,808.42	51,940.47	28.72
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	*	*	-	
Faba beans.....	-	-	-	-
Field peas.....	*	*	-	-
Haricot beans white...	-	-	-	-
Haricot beans red....	-	-	-	-
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.....	837.00	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	2,627.00	234.19	33,650.76	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	1,313.00	29.03	1,267.04	43.65
Mangoes.....	960.00	*	*	*
Oranges.....	2,092.00	147.29	25,754.27	174.85
Papayas.....	321.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	2,470.00	*	3,680.27	*
Coffee.....	*	*	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Jijiga

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	81,936.00	61,708.06	1,669,589.75	
Cereals.....	81,729.00	59,037.95	1,609,464.18	
Teff.....	*	*	-	-
Barley.....	4,542.00	*	*	*
Wheat.....	11,822.00	*	*	*
Maize.....	62,275.00	23,438.70	651,958.54	27.82
Sorghum.....	59,980.00	28,657.06	823,345.03	28.73
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	*	*	*	*
Haricot beans red....	-	-	-	-
Chick-peas.....	*	*	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	5,176.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	-	-	-	-
Tomatoes.....	4,588.00	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	6,906.00	1,107.99	115,697.83	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	6,043.00	1,023.67	114,068.64	111.43
Potatoes.....	*	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	20,970.00	5,939.17	102,529.41	17.26
Coffee.....	*	*	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Liben

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	32,426.00	8,951.04	204,997.04	
Cereals.....	27,827.00	6,576.47	183,112.40	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	27,827.00	6,414.21	178,453.26	27.82
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	14,077.00	2,310.52	21,884.63	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	*	*	*	*
Haricot beans red....	11,078.00	1,797.79	19,064.64	10.60
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.....	-	-	-	-
Yam/'Boye'.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	2,694.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Benishangul-Gumuz Region

Demissanangur-Gumuz Region							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	226,403.00	244,577.66	4,448,424.95				
Cereals.....	223,617.00	172,821.79	3,540,138.82				
Teff.....	48,783.00	26,021.15	267,028.47	10.26			
Barley.....	6,668.00	656.38	8,283.46	12.62			
Wheat.....	6,110.00	2,016.18	40,684.53	20.18			
Maize.....	202,964.00	46,098.00	1,465,778.36	31.80			
Sorghum.....	142,138.00	64,664.97	1,295,403.80	20.03			
Finger millet.....	63,771.00	31,800.01	437,008.17	13.74			
Oats/'Aja'.....	1,065.00	*	*	*			
Rice.....	3,228.00	*	*	*			
Masho.....	*	*	-	-			
Pulses.....	94,606.00	20,920.14	363,011.38				
Faba beans.....	7,332.00	524.37	7,251.38	13.83			
Field peas.....	4,833.00	517.97	4,851.43	9.37			
Haricot beans white...	24,932.00	2,206.82	40,289.82	18.26			
Haricot beans red....	40,532.00	4,116.33	60,639.85	14.73			
Chick-peas.....	7,418.00	603.05	4,542.89	7.53			
Lentils.....	1,205.00	47.44	*	*			
Grass peas.....	-	-	-	-			
Soya beans.....	28,088.00	12,774.86	245,170.62	19.19			
Fenugreek.....	839.00	5.64	*	*			
Gibto.....	*	*	-	-			
Oilseeds.....	129,638.00	50,835.73	545,274.75				
Neug.....	31,333.00	7,112.74	41,515.47	5.84			
Linseed.....	12,388.00	481.88	1,951.86	4.05			
Groundnuts.....	56,671.00	18,592.72	307,097.97	16.52			
Safflower.....	1,315.00	*	*	*			
Sesame.....	66,962.00	24,355.70	192,791.38	7.92			
Rape seed.....	4,978.00	106.27	1,598.32	15.04			
Vegetables.....	61,850.00	1,970.51	*				
Lettuce.....	1,046.00	*	-	-			
Head Cabbage.....	4,250.00	10.95	68.22	6.23			
Ethiopian Cabbage.....	8,414.00	*	1,269.35	*			
Tomatoes.....	4,307.00	25.23	*	*			
Green peppers.....	5,654.00	44.20	565.93	12.80			
Red peppers.....	45,282.00	1,777.21	*	*			
Swiss chard.....	*	*	-	-			
Root Crops.....	53,039.00	1,116.64	135,779.21				
Beetroot.....	1,954.00	*	*	*			
Carrot.....	*	*	*	*			
Onion.....	7,666.00	110.13	7,542.04	68.48			
Potatoes.....	2,660.00	*	*	*			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	13,268.00	123.90	325.64	2.63			
Taro/'Godere'.....	3,090.00	20.48	6,219.73	303.70			
Sweet potatoes.....	34,729.00	760.58	103,167.51	135.64			
Fruit Crops.....	70,053.00	1,487.73	84,048.80				
Avocados.....	1,132.00	*	-	-			
Bananas.....	21,999.00	435.40	23,187.29	53.26			
Guavas.....	7,253.00	68.76	*	*			
Lemons.....	5,477.00	37.22	973.57	26.16			
Mangoes.....	52,772.00	798.14	54,026.14	67.69			
Oranges.....	10,688.00	94.58	*	*			
Papayas.....	13,686.00	44.57	1,636.43	36.72			
Pineapples.....	*	*	-	-			
Chat.....	15,794.00	871.91	12,390.45	14.21			
Coffee.....	25,115.00	1,069.26	2,807.42	2.63			
Hops.....	9,560.00	48.85	-	-			
Sugar Cane.....	5,833.00	173.88	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Metekel

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	94,617.00	148,841.80	2,550,577.88	
Cereals.....	92,991.00	104,233.38	1,894,545.97	
Teff.....	27,388.00	20,993.31	219,312.83	10.45
Barley.....	4,719.00	*	*	*
Wheat.....	4,721.00	*	*	*
Maize.....	78,138.00	20,035.43	619,071.91	30.90
Sorghum.....	44,801.00	31,600.73	593,834.07	18.79
Finger millet.....	39,183.00	27,672.31	392,880.56	14.20
Oats/'Aja'.....	*	*	*	*
Rice.....	2,847.00	*	*	*
Masho.....	-	-	-	-
Pulses.....	43,048.00	12,082.27	244,321.54	
Faba beans.....	6,459.00	489.01	6,791.25	13.89
Field peas.....	4,226.00	493.68	4,826.05	9.78
Haricot beans white...	14,544.00	1,719.56	34,888.04	20.29
Haricot beans red....	15,004.00	1,853.53	29,721.26	16.03
Chick-peas.....	*	*	*	*
Lentils.....	880.00	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	10,572.00	7,273.77	166,422.05	22.88
Fenugreek.....	*	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	57,926.00	32,526.15	411,710.37	
Neug.....	4,057.00	1,722.36	7,911.82	4.59
Linseed.....	848.00	*	*	*
Groundnuts.....	34,650.00	17,083.53	288,178.42	16.87
Safflower.....	974.00	*	*	*
Sesame.....	32,189.00	13,387.83	113,580.65	8.48
Rape seed.....	3,981.00	85.66	*	*
Vegetables.....	24,600.00	460.27	-	
Lettuce.....	*	*	-	-
Head Cabbage.....	1,713.00	6.92	-	-
Ethiopian Cabbage....	1,837.00	*	-	-
Tomatoes.....	743.00	*	-	-
Green peppers.....	3,063.00	*	-	-
Red peppers.....	18,811.00	392.88	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	17,519.00	439.60	54,596.42	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	3,256.00	*	-	-
Potatoes.....	2,103.00	*	*	*
Yam/'Boye'.....	*	*	-	-
Garlic.....	9,459.00	74.10	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	5,634.00	*	*	*
Fruit Crops.....	17,651.00	*	-	
Avocados.....	*	*	-	-
Bananas.....	4,061.00	*	-	-
Guavas.....	1,727.00	*	-	-
Lemons.....	1,697.00	*	-	-
Mangoes.....	12,690.00	*	-	-
Oranges.....	1,407.00	*	-	-
Papayas.....	7,914.00	32.06	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	3,877.00	*	-	-
Hops.....	4,672.00	*	-	-
Sugar Cane.....	*	71.30	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Asosa							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	98,098.00	54,841.72	938,094.17				
Cereals.....	97,596.00	41,659.76	824,598.12				
Teff.....	16,423.00	3,507.81	38,624.90	11.01			
Barley.....	*	*	*	*			
Wheat.....	-	-	-	-			
Maize.....	92,803.00	13,305.85	372,390.88	27.99			
Sorghum.....	72,472.00	21,617.02	381,335.85	17.64			
Finger millet.....	18,539.00	3,204.48	32,218.06	10.05			
Oats/'Aja'.....	*	*	-	-			
Rice.....	*	*	*	*			
Masho.....	-	-	-	-			
Pulses.....	36,240.00	4,819.88	57,787.94				
Faba beans.....	*	*	-	-			
Field peas.....	*	*	-	-			
Haricot beans white...	7,502.00	247.53	2,832.03	11.44			
Haricot beans red....	14,911.00	*	*	*			
Chick-peas.....	6,442.00	486.85	2,992.93	6.15			
Lentils.....	*	*	-	-			
Grass peas.....	-	-	-	-			
Soya beans.....	14,619.00	3,152.26	38,899.25	12.34			
Fenugreek.....	-	-	-	-			
Gibto.....	-	-	-	-			
Oilseeds.....	48,808.00	8,362.08	55,708.10				
Neug.....	21,654.00	4,532.19	26,431.44	5.83			
Linseed.....	6,861.00	283.98	*	*			
Groundnuts.....	16,895.00	957.35	11,463.72	11.97			
Safflower.....	*	*	-	-			
Sesame.....	18,986.00	2,587.74	17,080.02	6.60			
Rape seed.....	-	-	-	-			
Vegetables.....	26,847.00	*	*				
Lettuce.....	731.00	*	-	-			
Head Cabbage.....	2,174.00	3.45	-	-			
Ethiopian Cabbage.....	*	*	*	*			
Tomatoes.....	1,995.00	*	*	*			
Green peppers.....	*	*	-	-			
Red peppers.....	20,130.00	*	*	*			
Swiss chard.....	*	*	-	-			
Root Crops.....	21,891.00	362.51	38,114.24				
Beetroot.....	1,218.00	*	*	*			
Carrot.....	*	*	-	-			
Onion.....	2,303.00	*	*	*			
Potatoes.....	*	*	*	*			
Yam/'Boye'.....	-	-	-	-			
Garlic.....	2,629.00	*	-	-			
Taro/'Godere'.....	*	*	*	*			
Sweet potatoes.....	18,699.00	285.97	36,603.79	128.00			
Fruit Crops.....	42,548.00	834.45	72,052.17				
Avocados.....	*	*	-	-			
Bananas.....	13,159.00	172.49	15,778.44	91.47			
Guavas.....	5,318.00	*	*	*			
Lemons.....	3,297.00	17.88	915.06	51.18			
Mangoes.....	34,822.00	507.21	50,732.53	100.02			
Oranges.....	6,498.00	*	*	*			
Papayas.....	4,454.00	7.94	958.86	120.76			
Pineapples.....	-	-	-	-			
Chat.....	8,699.00	*	*	*			
Coffee.....	16,783.00	234.88	1,385.30	5.90			
Hops.....	4,856.00	13.25	-	-			
Sugar Cane.....	*	*	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Kemashi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	19,129.00	31,745.77	779,678.73	
Cereals.....	18,582.00	19,576.44	655,948.36	
Teff.....	2,074.00	1,140.30	6,041.50	5.30
Barley.....	196.00	*	-	-
Wheat.....	*	*	*	*
Maize.....	17,932.00	9,517.61	388,364.66	40.80
Sorghum.....	14,375.00	8,627.99	258,415.00	29.95
Finger millet.....	1,266.00	*	3,124.27	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	8,997.00	3,570.17	55,879.67	
Faba beans.....	*	*	-	-
Field peas.....	*	*	-	-
Haricot beans white...	1,906.00	176.72	1,993.79	11.28
Haricot beans red....	6,255.00	1,065.21	14,329.48	13.45
Chick-peas.....	*	*	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	1,991.00	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	13,880.00	8,599.16	67,850.70	
Neug.....	1,539.00	222.72	*	*
Linseed.....	*	*	-	-
Groundnuts.....	2,596.00	*	*	*
Safflower.....	*	*	-	-
Sesame.....	12,848.00	7,901.80	59,376.46	7.51
Rape seed.....	-	-	-	-
Vegetables.....	5,685.00	252.33	4,778.80	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	303.00	*	*	*
Tomatoes.....	368.00	*	-	-
Green peppers.....	664.00	3.23	243.40	75.36
Red peppers.....	4,692.00	246.08	4,425.73	17.98
Swiss chard.....	*	*	-	-
Root Crops.....	5,390.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	715.00	1.07	145.42	135.91
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	3,958.00	*	*	*
Fruit Crops.....	3,729.00	43.61	*	
Avocados.....	-	-	-	-
Bananas.....	1,382.00	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	2,638.00	21.18	258.90	12.22
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	-	-	-	-
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Mao Komo				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	14,558.00	9,148.36	180,074.18	
Cereals.....	14,448.00	7,352.21	165,046.37	
Teff.....	2,898.00	379.73	3,049.24	8.03
Barley.....	1,388.00	80.50	677.47	8.42
Wheat.....	1,345.00	186.55	4,750.48	25.46
Maize.....	14,091.00	3,239.10	85,950.90	26.54
Sorghum.....	10,491.00	2,819.23	61,818.88	21.93
Finger millet.....	4,783.00	639.96	8,785.29	13.73
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Masho.....	*	*	-	-
Pulses.....	6,322.00	447.83	5,022.23	
Faba beans.....	556.00	32.11	460.13	14.33
Field peas.....	*	*	*	*
Haricot beans white...	980.00	*	*	*
Haricot beans red....	4,362.00	301.43	3,525.38	11.70
Chick-peas.....	532.00	17.28	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	906.00	27.12	294.60	10.86
Fenugreek.....	481.00	3.56	*	*
Gibto.....	-	-	-	-
Oilseeds.....	9,024.00	1,348.33	10,005.58	
Neug.....	4,082.00	635.47	5,440.78	8.56
Linseed.....	4,633.00	128.04	667.90	5.22
Groundnuts.....	2,530.00	85.88	713.03	8.30
Safflower.....	*	*	-	-
Sesame.....	2,939.00	478.32	2,754.26	5.76
Rape seed.....	997.00	*	*	*
Vegetables.....	4,718.00	49.50	1,705.60	
Lettuce.....	-	-	-	-
Head Cabbage.....	307.00	0.52	68.22	131.19
Ethiopian Cabbage....	1,631.00	*	*	*
Tomatoes.....	1,201.00	5.80	174.29	30.05
Green peppers.....	1,189.00	5.10	322.53	63.24
Red peppers.....	1,649.00	12.53	264.00	21.07
Swiss chard.....	-	-	-	-
Root Crops.....	8,239.00	137.18	19,691.35	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	1,029.00	35.75	4,591.68	128.44
Potatoes.....	166.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	465.00	1.40	180.22	128.73
Taro/'Godere'.....	1,860.00	12.02	3,678.57	306.04
Sweet potatoes.....	6,439.00	87.09	11,147.78	128.00
Fruit Crops.....	6,124.00	139.01	9,684.02	
Avocados.....	142.00	*	-	-
Bananas.....	3,397.00	70.07	5,725.97	81.72
Guavas.....	-	-	-	-
Lemons.....	424.00	1.00	34.89	34.89
Mangoes.....	2,622.00	37.57	3,034.71	80.77
Oranges.....	2,516.00	27.93	551.45	19.74
Papayas.....	789.00	2.00	337.00	168.50
Pineapples.....	*	*	-	-
Chat.....	5,808.00	635.41	10,719.76	16.87
Coffee.....	4,330.00	489.69	1,422.12	2.90
Hops.....	*	*	-	-
Sugar Cane.....	448.00	11.84	3,693.10	311.92

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

S.N.N.P. Region				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	3052452	1092417.36	21470954.72	
Cereals.....	2559786	864456.03	18535263.78	
Teff.....	996955	259507.5	3275060.15	12.62
Barley.....	718866	76763.65	1323560.26	17.24
Wheat.....	635958	118349.23	2816856.26	23.8
Maize.....	1428818	284723.54	8877523.94	31.18
Sorghum.....	747784	118211.88	2194066.99	18.56
Finger millet.....	57303	4184.27	44089.23	10.54
Oats/'Aja'.....	20035	420.28	3295.79	7.84
Rice.....	7127	*	*	*
Masho.....	*	*	-	-
Pulses.....	2047724	221974.34	2902870.53	
Faba beans.....	912291	71762.58	1048147.1	14.61
Field peas.....	513989	60866.5	762205.93	12.52
Haricot beans white...	140946	4954.67	62270.28	12.57
Haricot beans red....	1030534	72873.87	859009.61	11.79
Chick-peas.....	66628	9505.02	149648.58	15.74
Lentils.....	25414	930.62	7596.57	8.16
Grass peas.....	5065	*	*	*
Soya beans.....	8431	*	*	*
Fenugreek.....	23902	247.72	*	*
Gibto.....	*	*	-	-
Oilseeds.....	113406	5986.98	32820.4	
Neug.....	5166	*	*	*
Linseed.....	49960	1229.14	6194.8	5.04
Groundnuts.....	9347	376.33	*	*
Safflower.....	10454	123.03	514.55	4.18
Sesame.....	16449	*	17380.01	*
Rape seed.....	26713	362.67	2297.1	6.33
Vegetables.....	2037556	40877.97	2879906.1	
Lettuce.....	1998	*	-	-
Head Cabbage.....	69302	835.21	54749.74	65.55
Ethiopian Cabbage.....	1885686	20537.38	2173771.88	105.84
Tomatoes.....	43052	*	*	*
Green peppers.....	217463	1400.75	*	*
Red peppers.....	181489	16598.74	553757.86	33.36
Swiss chard.....	11908	27.15	-	-
Root Crops.....	1941400	81317.16	19204857.44	
Beetroot.....	70285	282.15	25568.45	90.62
Carrot.....	34314	297.6	6469.54	21.74
Onion.....	113577	813.08	53815.07	66.19
Potatoes.....	311458	7512.66	1304681.46	173.66
Yam/'Boye'.....	233716	3004.33	-	-
Garlic.....	140388	1142.67	131332.42	114.93
Taro/'Godere'.....	1117505	37518.15	10644561.22	283.72
Sweet potatoes.....	839029	30746.52	7038429.29	228.92
Fruit Crops.....	1881283	39542.28	3204512.46	
Avocados.....	902589	7322.91	176739.55	24.14
Bananas.....	1347929	26483.96	2458437.8	92.83
Guavas.....	75514	336.37	1546.23	4.6
Lemons.....	56542	259.22	*	*
Mangoes.....	425277	3311.39	307979.61	93.01
Oranges.....	134476	636.09	70091.83	110.19
Papayas.....	238825	898.83	170511.91	189.7
Pineapples.....	25629	*	*	*
Chat.....	909981	53665.03	578946.29	10.79
Coffee.....	2418136	162766.92	1373468.02	8.44
Hops.....	199529	1570.07	527.2	0.34
Sugar Cane.....	700416	17757.3	9588294.35	539.96

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	96,023,384.00	24,079,056.78	26,410,479.01	904,896.31	0.25	0.28	0.01

**Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Gurage							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	229942	109700.08	2561353.67				
Cereals.....	225667	97568.42	2323544.62				
Teff.....	85354	36627.2	511983.59	13.98			
Barley.....	84048	8992.43	238479.35	26.52			
Wheat.....	86314	14778.01	*	*			
Maize.....	111438	30854.83	1098717.61	35.61			
Sorghum.....	32313	6239.91	*	*			
Finger millet.....	-	-	-	-			
Oats/'Aja'.....	6106	76.04	991.7	13.04			
Rice.....	-	-	-	-			
Masho.....	-	-	-	-			
Pulses.....	113679	11555.05	234832.18				
Faba beans.....	92294	4445.46	106676.43	24			
Field peas.....	26510	1319.91	21550.66	16.33			
Haricot beans white...	13998	*	*	*			
Haricot beans red....	*	*	-	-			
Chick-peas.....	*	*	*	*			
Lentils.....	*	*	*	*			
Grass peas.....	*	*	*	*			
Soya beans.....	-	-	-	-			
Fenugreek.....	*	*	-	-			
Gibto.....	-	-	-	-			
Oilseeds.....	7927	*	*				
Neug.....	*	*	*	*			
Linseed.....	*	*	*	*			
Groundnuts.....	-	-	-	-			
Safflower.....	*	*	-	-			
Sesame.....	-	-	-	-			
Rape seed.....	*	*	*	*			
Vegetables.....	162608	5309.32	207625.5				
Lettuce.....	*	*	-	-			
Head Cabbage.....	20406	118.16	*	*			
Ethiopian Cabbage....	144058	1600.8	137267.92	85.75			
Tomatoes.....	*	*	-	-			
Green peppers.....	5598	23.39	*	*			
Red peppers.....	18508	*	*	*			
Swiss chard.....	6520	16.86	-	-			
Root Crops.....	94457	1380.66	268753.18				
Beetroot.....	5808	*	*	*			
Carrot.....	9690	11.02	*	*			
Onion.....	17152	*	-	-			
Potatoes.....	22093	369.37	81999.51	222			
Yam/'Boye'.....	*	*	-	-			
Garlic.....	35058	*	*	*			
Taro/'Godere'.....	34046	510.66	149622.15	293			
Sweet potatoes.....	1868	*	-	-			
Fruit Crops.....	105835	1216.73	96912.4				
Avocados.....	69222	466.13	13635.38	29.25			
Bananas.....	29985	242.54	34007.03	140.21			
Guavas.....	7220	*	-	-			
Lemons.....	6273	*	*	*			
Mangoes.....	12143	58.59	5648.83	96.41			
Oranges.....	32809	240.19	24640.84	102.59			
Papayas.....	*	*	*	*			
Pineapples.....	-	-	-	-			
Chat.....	88455	4896.75	56610.82	11.56			
Coffee.....	115433	4179.81	15895.42	3.8			
Hops.....	40005	*	-	-			
Sugar Cane.....	16754	*	-	-			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	3,760,845.00	1,259,582.34	1,215,354.80	51,448.37	0.33	0.32	0.01

**Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Hadiya

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	247721	120626.33	2531241.58	
Cereals.....	239790	107071.28	2260277.45	
Teff.....	134266	39514.53	497513.97	12.59
Barley.....	67989	5911.51	127869.37	21.63
Wheat.....	128557	31888.58	792861.32	24.86
Maize.....	132240	21337.06	672777.7	31.53
Sorghum.....	98854	8055.57	166292.03	20.64
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	136473	13282.13	268618.22	
Faba beans.....	87285	7587.6	170030	22.41
Field peas.....	34060	3353.78	72216.9	21.53
Haricot beans white...	13591	*	*	*
Haricot beans red....	37198	*	19578.28	*
Chick-peas.....	*	*	*	*
Lentils.....	3767	*	*	*
Grass peas.....	*	*	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	3543	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	15533	272.92	2345.91	
Neug.....	*	*	-	-
Linseed.....	5835	112.74	657	5.83
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	9339	147.49	1688.91	11.45
Vegetables.....	226456	5277.67	298898.4	
Lettuce.....	-	-	-	-
Head Cabbage.....	8978	*	*	*
Ethiopian Cabbage....	220532	2514.13	269589.23	107.23
Tomatoes.....	13830	*	-	-
Green peppers.....	24451	*	-	-
Red peppers.....	23036	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	108207	2810.92	743267.42	
Beetroot.....	30327	46.66	5242.26	112.35
Carrot.....	3593	*	192.04	*
Onion.....	*	*	-	-
Potatoes.....	28910	512.43	104534.73	204
Yam/'Boye'.....	*	*	-	-
Garlic.....	5739	9.67	*	*
Taro/'Godere'.....	48755	2108.84	632652.31	300
Sweet potatoes.....	10967	87.61	-	-
Fruit Crops.....	138612	2071.28	165837.77	
Avocados.....	80259	554.18	-	-
Bananas.....	96201	1325.17	160140.86	120.85
Guavas.....	2860	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	20729	*	*	*
Oranges.....	3680	*	*	*
Papayas.....	13519	17.99	1012.07	56.26
Pineapples.....	-	-	-	-
Chat.....	44717	1277.58	9527.71	7.46
Coffee.....	132351	6786.43	38157.97	5.62
Hops.....	21734	86.54	-	-
Sugar Cane.....	54081	1472.99	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	2,830,620.00	666,016.47	721,680.93	51,758.20	0.24	0.25	0.02

**Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Kembata - Tembaro							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	120555	35737.94	692072.03				
Cereals.....	110353	28318.29	578333.56				
Teff.....	52853	9531.51	126111.64	13.23			
Barley.....	22780	1019.83	17804.22	17.46			
Wheat.....	62203	11106.27	289461.2	26.06			
Maize.....	28546	2721.93	63832.93	23.45			
Sorghum.....	45585	3766.96	79246.34	21.04			
Finger millet.....	4690	125.76	1707.29	13.58			
Oats/'Aja'.....	*	13.17	169.94	12.9			
Rice.....	*	*	-	-			
Masho.....	*	*	-	-			
Pulses.....	82542	7262.51	113600.06				
Faba beans.....	68624	4332.26	75880.95	17.52			
Field peas.....	38534	1888.55	27811.56	14.73			
Haricot beans white...	2146	*	-	-			
Haricot beans red.....	25670	985.35	9843.26	9.99			
Chick-peas.....	-	-	-	-			
Lentils.....	*	*	*	*			
Grass peas.....	*	*	-	-			
Soya beans.....	*	*	-	-			
Fenugreek.....	*	*	-	-			
Gibto.....	-	-	-	-			
Oilseeds.....	6602	*	*				
Neug.....	-	-	-	-			
Linseed.....	1227	*	*	*			
Groundnuts.....	*	*	-	-			
Safflower.....	*	*	-	-			
Sesame.....	-	-	-	-			
Rape seed.....	*	*	-	-			
Vegetables.....	101675	1862.59	124972.48				
Lettuce.....	*	*	-	-			
Head Cabbage.....	8616	*	*	*			
Ethiopian Cabbage.....	97426	1035.62	103040.75	99.5			
Tomatoes.....	*	*	*	*			
Green peppers.....	4975	14.41	-	-			
Red peppers.....	*	*	*	*			
Swiss chard.....	1003	*	-	-			
Root Crops.....	83133	3385.69	692268.25				
Beetroot.....	6594	*	*	*			
Carrot.....	3852	*	*	*			
Onion.....	1619	*	*	*			
Potatoes.....	44589	1730.71	301143.51	174			
Yam/'Boye'.....	1104	2.55	-	-			
Garlic.....	3470	12.92	1727.2	133.68			
Taro/'Godere'.....	43724	1337.28	357053.15	267			
Sweet potatoes.....	16141	161.84	23305.53	144			
Fruit Crops.....	77215	1980.41	143939.46				
Avocados.....	49237	380.01	-	-			
Bananas.....	62029	1397.52	125137.62	89.54			
Guavas.....	*	*	-	-			
Lemons.....	3235	*	193.99	*			
Mangoes.....	25524	145.75	17793.5	122.08			
Oranges.....	4097	23.63	*	*			
Papayas.....	3688	9.89	-	-			
Pineapples.....	*	*	-	-			
Chat.....	8681	*	*	*			
Coffee.....	73909	2724.35	11772.91	4.32			
Hops.....	8585	34.03	-	-			
Sugar Cane.....	27523	531.52	*	*			
Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,211,004.00	13,377.93	19,089.83	751.70	0.01	0.02	*

**Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Sidama				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	762494	76982.19	1564566.74	
Cereals.....	503078	50812.2	1245527.3	
Teff.....	62222	*	*	*
Barley.....	123189	11796.11	187305.88	15.88
Wheat.....	*	*	*	*
Maize.....	363000	27215.5	894161.29	32.85
Sorghum.....	35117	1155.93	17063.9	14.76
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	544830	26168.71	319039.44	
Faba beans.....	177927	6983.01	87401.7	12.52
Field peas.....	33289	1223.77	15309.8	12.51
Haricot beans white...	13764	420.41	7193.18	17.11
Haricot beans red....	343573	17399.93	208970.21	12.01
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	581335	7009.47	636373.15	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	532885	5748.34	552801.84	96.17
Tomatoes.....	*	*	-	-
Green peppers.....	71183	*	*	*
Red peppers.....	21073	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	420566	11241.87	1370143.87	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	-	-	-	-
Potatoes.....	62589	958.11	135093.85	141
Yam/'Boye'.....	59549	620.99	-	-
Garlic.....	15114	55.26	7970.3	144.23
Taro/'Godere'.....	74286	971.59	109031.29	112.22
Sweet potatoes.....	267050	8512.79	1118048.43	131.34
Fruit Crops.....	535722	9112.73	699025.44	
Avocados.....	234492	1948.93	65779.97	33.75
Bananas.....	420341	6537.84	602916.65	92.22
Guavas.....	36249	157.81	1500.12	9.51
Lemons.....	*	*	-	-
Mangoes.....	30207	169.75	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	523824	40540.07	422668.23	10.43
Coffee.....	907210	65656.91	633838.82	9.65
Hops.....	25137	*	-	-
Sugar Cane.....	261716	10365.43	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	56,320,910.00	14,387,626.96	15,355,332.97	583,822.71	0.26	0.27	0.01

**Table 10.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Gedio

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	65001	11737.9	238581.4	
Cereals.....	51122	9733.58	205372.3	
Teff.....	*	*	*	*
Barley.....	18149	2378.54	28607.74	12.03
Wheat.....	5438	*	*	*
Maize.....	38180	6139.75	164429.62	26.78
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	28806	1997.47	33176.08	
Faba beans.....	18917	1531.73	28519.77	18.62
Field peas.....	3201	*	*	*
Haricot beans white...	*	*	-	-
Haricot beans red....	8195	215.16	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	-	-
Rape seed.....	-	-	-	-
Vegetables.....	98919	1124.91	112168.04	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage....	95512	1067.58	109028.7	102.13
Tomatoes.....	-	-	-	-
Green peppers.....	12185	55.12	3101.95	56.28
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	68840	1118.73	124089.42	
Beetroot.....	4072	*	*	*
Carrot.....	*	*	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	-	-
Yam/'Boye'.....	21222	138.84	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	47914	611.85	88106.72	144
Sweet potatoes.....	16591	341.78	34861.9	102
Fruit Crops.....	73991	1724.17	62626.94	
Avocados.....	52568	638.8	-	-
Bananas.....	41870	940.45	50413.21	53.61
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	-	-
Pineapples.....	*	*	-	-
Chat.....	*	*	*	*
Coffee.....	155530	20331.11	168884.59	8.31
Hops.....	5155	35.91	-	-
Sugar Cane.....	12360	351.22	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	12,798,316.00	5,255,500.38	5,773,064.27	92,147.87	0.41	0.45	0.01

**Table 10.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Wolayita

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	305028	72307.39	1013383.14	
Cereals.....	202928	42120.81	643134.37	
Teff.....	133012	28177.15	341267.26	12.11
Barley.....	9515	303.56	3237.57	10.67
Wheat.....	29003	1865.71	27073.24	14.51
Maize.....	65447	9811.98	247631.03	25.24
Sorghum.....	45573	1914.2	23580.02	12.32
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	272435	30164.04	370248.78	
Faba beans.....	50589	1482.19	13297.88	8.97
Field peas.....	79474	5471.38	60073.53	10.98
Haricot beans white...	4090	77.91	1579.56	20.27
Haricot beans red.....	226605	20658.79	267792.79	12.96
Chick-peas.....	28233	2398.12	27505.01	11.47
Lentils.....	*	*	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	4957	22.55	-	
Neug.....	-	-	-	-
Linseed.....	2525	*	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	128000	1405.33	118873.11	
Lettuce.....	-	-	-	-
Head Cabbage.....	9736	*	*	*
Ethiopian Cabbage.....	111979	713.23	90920.56	127.48
Tomatoes.....	*	*	-	-
Green peppers.....	22010	*	984.95	*
Red peppers.....	14406	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	307133	21446.8	6977420.66	
Beetroot.....	5818	*	*	*
Carrot.....	*	*	-	-
Onion.....	6431	*	-	-
Potatoes.....	51698	1082.74	216547.81	200
Yam/'Boye'.....	46360	609.56	-	-
Garlic.....	2046	*	*	*
Taro/'Godere'.....	262808	10907.24	3566667.86	327
Sweet potatoes.....	230469	8757.63	3192477.94	364.54
Fruit Crops.....	281822	5686.95	443643.65	
Avocados.....	199537	1736.73	58352.86	33.6
Bananas.....	215953	2534.34	241639.85	95.35
Guavas.....	10388	19.44	*	*
Lemons.....	12970	*	*	*
Mangoes.....	145548	1221.33	130049.24	106.48
Oranges.....	24769	94.83	8812.84	92.93
Papayas.....	25982	46.4	2832.4	61.04
Pineapples.....	*	*	-	-
Chat.....	12306	*	-	-
Coffee.....	289310	7820.21	67985.36	8.69
Hops.....	11201	57.32	-	-
Sugar Cane.....	91874	1388.57	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,276,301.00	292,466.92	326,329.79	21,395.90	0.23	0.26	0.02

**Table 10.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

South Omo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.....	124214	59450.66	1133544.2	
Cereals.....	119520	49545.62	1057950.18	
Teff.....	18212	4010.54	52496.21	13.09
Barley.....	19047	3476.57	42174.42	12.13
Wheat.....	12419	*	*	*
Maize.....	85234	23397.04	620795.36	26.53
Sorghum.....	68520	16562.57	299139.23	18.06
Finger millet.....	2776	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	73102	6914.11	61933.56	
Faba beans.....	19351	1399.21	18088.67	12.93
Field peas.....	12968	*	*	*
Haricot beans white....	8693	696.45	3571	5.13
Haricot beans red.....	44923	2722.06	23585.78	8.66
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	16524	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	1605	*	*	*
Safflower.....	4932	86.79	473.03	5.45
Sesame.....	9106	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	37033	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	1186	25.06	*	*
Ethiopian Cabbage.....	31760	*	*	*
Tomatoes.....	*	*	-	-
Green peppers.....	2113	8.94	*	*
Red peppers.....	3015	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	62676	2590.48	484712.17	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	8314	113.89	*	*
Potatoes.....	*	*	-	-
Yam/'Boye'.....	3178	48.97	-	-
Garlic.....	1956	*	*	*
Taro/'Godere'.....	43787	1641.9	369426.89	225
Sweet potatoes.....	21064	750.38	91033.44	121.32
Fruit Crops.....	53726	1263.42	180718.82	
Avocados.....	12816	*	-	-
Bananas.....	40620	989.82	153928.9	155.51
Guavas.....	*	*	-	-
Lemons.....	1009	*	*	*
Mangoes.....	14721	94.96	14453.3	152.2
Oranges.....	*	*	*	*
Papayas.....	11923	39.02	11363.49	291.22
Pineapples.....	*	*	*	*
Chat.....	*	*	*	*
Coffee.....	47022	3238.02	21798.21	6.73
Hops.....	3592	*	-	-
Sugar Cane.....	12455	360.62	122137.54	338.69

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	485,086.00	-	-	-	-	-	-

**Table 10.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Sheka

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	45968	15698.72	316338.82	
Cereals.....	37993	11815.72	271928.52	
Teff.....	6510	937.24	11638.09	12.42
Barley.....	2245	*	*	*
Wheat.....	540	*	*	*
Maize.....	14300	2456.63	74467.25	30.31
Sorghum.....	29207	7800.36	181087.55	23.22
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	21425	3881.02	44410.31	
Faba beans.....	8078	*	*	*
Field peas.....	8997	2266.66	25943.73	11.45
Haricot beans white...	1893	*	*	*
Haricot beans red....	11413	56.82	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	37516	612.56	45291.79	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	32179	260	23699.4	91.15
Tomatoes.....	*	*	*	*
Green peppers.....	10028	45.37	*	*
Red peppers.....	2156	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	38587	847.16	196681.03	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	3325	6.61	*	*
Potatoes.....	665	*	*	*
Yam/'Boye'.....	3697	16.91	-	-
Garlic.....	10325	22.9	2430.53	106.14
Taro/'Godere'.....	31702	693.05	173263.55	250
Sweet potatoes.....	1480	*	*	*
Fruit Crops.....	38583	611.85	80115.34	
Avocados.....	25089	180.42	22360.92	123.94
Bananas.....	18192	177.45	19783.51	111.49
Guavas.....	1474	*	-	-
Lemons.....	1913	4.73	835.68	176.68
Mangoes.....	21759	152.58	12048.11	78.96
Oranges.....	8033	39.38	9096.59	231
Papayas.....	17441	52.49	15990.53	304.64
Pineapples.....	*	*	-	-
Chat.....	5361	126.93	*	*
Coffee.....	47297	15107.16	138440.34	9.16
Hops.....	6961	29.18	-	-
Sugar Cane.....	18907	297.1	*	*

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	593,024.00	77,418.05	278,751.88	8,375.87	0.13	0.47	0.01

**Table 10.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Keffa							
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)			
Grain Crops.	217398	132071.87	2052404.48				
Cereals.....	195609	84948.69	1557681.87				
Teff.....	132912	26670.81	345000.97	12.94			
Barley.....	76291	12459.07	176363.85	14.16			
Wheat.....	44075	9558.53	141442.48	14.8			
Maize.....	64409	20691.03	589424.15	28.49			
Sorghum.....	66419	14546.92	297206.02	20.43			
Finger millet.....	7605	*	7133.37	*			
Oats/'Aja'.....	*	*	*	*			
Rice.....	*	*	-	-			
Masho.....	-	-	-	-			
Pulses.....	181579	46940.92	494080.36				
Faba beans.....	117003	20870.75	219670.77	10.53			
Field peas.....	83561	20126.33	216423.68	10.75			
Haricot beans white...	23780	763.54	9253.73	12.12			
Haricot beans red.....	73843	5170.45	48732.19	9.43			
Chick-peas.....	*	*	-	-			
Lentils.....	*	*	-	-			
Grass peas.....	-	-	-	-			
Soya beans.....	*	*	-	-			
Fenugreek.....	1985	*	-	-			
Gibto.....	-	-	-	-			
Oilseeds.....	8510	182.27	642.24				
Neug.....	*	*	*	*			
Linseed.....	6140	157.17	603.48	3.84			
Groundnuts.....	*	*	-	-			
Safflower.....	*	*	-	-			
Sesame.....	-	-	-	-			
Rape seed.....	1766	*	-	-			
Vegetables.....	168886	1553.4	147287.53				
Lettuce.....	-	-	-	-			
Head Cabbage.....	6704	*	*	*			
Ethiopian Cabbage.....	158936	1166.41	134076.35	114.95			
Tomatoes.....	*	*	-	-			
Green peppers.....	30678	94.74	*	*			
Red peppers.....	13762	*	*	*			
Swiss chard.....	-	-	-	-			
Root Crops.....	172254	4586.47	1056961.94				
Beetroot.....	6513	*	*	*			
Carrot.....	*	*	-	-			
Onion.....	18960	*	*	*			
Potatoes.....	4762	68.43	13002.64	190.01			
Yam/'Boye'.....	20694	111.48	-	-			
Garlic.....	24213	*	*	*			
Taro/'Godere'.....	145749	3929.92	990339.91	252			
Sweet potatoes.....	20686	141.09	30052.12	213			
Fruit Crops.....	112790	1758.75	72638.9				
Avocados.....	40046	320.66	-	-			
Bananas.....	87610	1202.78	60480.32	50.28			
Guavas.....	*	*	-	-			
Lemons.....	3293	*	*	*			
Mangoes.....	13618	*	*	*			
Oranges.....	3710	4.71	*	*			
Papayas.....	16663	76.64	7927.39	103.44			
Pineapples.....	*	*	-	-			
Chat.....	32409	240.97	-	-			
Coffee.....	155153	12871.7	95774.92	7.44			
Hops.....	20107	105.4	-	-			
Sugar Cane.....	59992	573.23	263227.5	459.2			

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	5,381,436.00	*	*	*	*	*	*

**Table 10.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Gamo Gofa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	357229	142550.33	2715376.14	
Cereals.....	339368	120166.86	2474372.12	
Teff.....	142550	41537.3	528974.21	12.73
Barley.....	148547	14314.4	207396.72	14.49
Wheat.....	86452	9210.68	*	*
Maize.....	161394	42810.67	1416160.82	33.08
Sorghum.....	83875	12259.88	166005.35	13.54
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	234151	21547.31	233777.61	
Faba beans.....	86420	3508.88	35887.64	10.23
Field peas.....	68617	5426.61	74429.07	13.72
Haricot beans white...	22872	*	*	*
Haricot beans red....	133897	10944.45	107194.78	9.79
Chick-peas.....	5440	*	*	*
Lentils.....	4833	83.86	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	8170	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	23202	836.16	*	
Neug.....	-	-	-	-
Linseed.....	15950	215.39	854.5	3.97
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	107939	799.9	82381.55	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	104331	733.77	82280.3	112.13
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	302977	18661.98	3806713.06	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	38355	250.01	*	*
Potatoes.....	74015	2231.76	428497.35	192
Yam/'Boye'.....	52248	*	-	-
Garlic.....	22531	*	*	*
Taro/'Godere'.....	159149	4305.23	1007423.35	234
Sweet potatoes.....	200614	10265.69	2278983.25	222
Fruit Crops.....	178612	*	*	
Avocados.....	28550	172.85	*	*
Bananas.....	135407	*	*	*
Guavas.....	*	*	-	-
Lemons.....	11279	17.04	1363.14	80
Mangoes.....	67082	512.7	45315.64	88.39
Oranges.....	11042	25.59	3992.7	156.03
Papayas.....	39008	142.64	34798.16	243.96
Pineapples.....	*	*	-	-
Chat.....	22165	*	*	*
Coffee.....	194801	4559.33	18818.28	4.13
Hops.....	10617	*	-	-
Sugar Cane.....	51967	780.42	258075.72	330.69

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	5,342,992.00	188,233.61	326,456.81	22,226.85	0.04	0.06	*

**Table 10.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Bench - Maji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	90033	43982.32	700302.71	
Cereals.....	79832	35759.44	593877.59	
Teff.....	18213	3750.67	50591.21	13.49
Barley.....	15105	2374.95	28616.88	12.05
Wheat.....	3050	*	*	*
Maize.....	47195	9968.59	188541.92	18.91
Sorghum.....	43022	17089.04	312402.43	18.28
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	51515	8136.55	105578.5	
Faba beans.....	20648	2904.36	40867.57	14.07
Field peas.....	19208	3969.68	40615.63	10.23
Haricot beans white...	5602	*	*	*
Haricot beans red....	30283	1008.94	17705.41	17.55
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	1142	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	-	-
Rape seed.....	*	*	-	-
Vegetables.....	81495	1381.4	110520	
Lettuce.....	-	-	-	-
Head Cabbage.....	2012	22.11	87.71	3.97
Ethiopian Cabbage.....	74321	615.33	73612.89	119.63
Tomatoes.....	3114	*	-	-
Green peppers.....	12130	59.61	*	*
Red peppers.....	6653	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	93614	4222.01	1098549.52	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	1983	*	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	13700	115.49	-	-
Garlic.....	3131	6.13	150.06	24.48
Taro/'Godere'.....	89458	3825.55	1071154.6	280
Sweet potatoes.....	9709	*	*	*
Fruit Crops.....	75190	1918.83	176394.01	
Avocados.....	21836	121.96	-	-
Bananas.....	64454	1436.37	125847.67	87.62
Guavas.....	2262	*	-	-
Lemons.....	1783	*	-	-
Mangoes.....	22915	178.55	20082.59	112.48
Oranges.....	9547	55.33	14040.9	253.77
Papayas.....	20702	97.42	16422.86	168.58
Pineapples.....	2657	*	-	-
Chat.....	28501	648.7	*	*
Coffee.....	94004	13592.22	110639.54	8.14
Hops.....	25207	194.62	-	-
Sugar Cane.....	31904	393.45	177955.7	452.3

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	594,532.00	55,996.14	144,810.17	1,162.45	0.09	0.24	*

**Table 10.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Yem Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	20541	22293.97	315258.03	
Cereals.....	20484	17679.44	271531.76	
Teff.....	15795	6359.72	74552.51	11.72
Barley.....	13670	1719.71	20631.13	12
Wheat.....	15633	5500.22	96596.15	17.56
Maize.....	17781	2578.24	56541.51	21.93
Sorghum.....	9512	1505.78	22884.1	15.2
Finger millet.....	-	-	-	-
Oats/'Aja'.....	498	15.67	*	*
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	17272	4200.23	41302.21	
Faba beans.....	13594	1877.65	20950.12	11.16
Field peas.....	9405	2117.66	18781.17	8.87
Haricot beans white...	6289	69.19	629.62	9.1
Haricot beans red....	342	0.63	-	-
Chick-peas.....	208	*	*	*
Lentils.....	2535	104.37	794.28	7.61
Grass peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	3142	11.61	115.7	9.97
Gibto.....	*	*	-	-
Oilseeds.....	5926	414.29	2424.06	
Neug.....	-	-	-	-
Linseed.....	2958	375.13	2172.28	5.79
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	3255	38.04	251.78	6.62
Vegetables.....	17274	123.84	13763.41	
Lettuce.....	*	*	-	-
Head Cabbage.....	753	2.26	121.49	53.76
Ethiopian Cabbage.....	16630	110.76	13050.09	117.82
Tomatoes.....	1125	*	-	-
Green peppers.....	3591	5.45	563.1	103.32
Red peppers.....	370	0.39	28.73	73.67
Swiss chard.....	*	*	-	-
Root Crops.....	13828	266.76	42030.48	
Beetroot.....	2016	3.9	379.95	97.42
Carrot.....	739	0.75	95.28	127.04
Onion.....	418	0.45	-	-
Potatoes.....	1079	19.11	4165.07	217.95
Yam/'Boye'.....	*	*	-	-
Garlic.....	4619	10.84	1062	97.97
Taro/'Godere'.....	8125	166.04	21751.68	131
Sweet potatoes.....	4850	62.25	14576.49	234.16
Fruit Crops.....	10444	133.58	2941.89	
Avocados.....	6456	49.36	-	-
Bananas.....	5928	60.49	2201.7	36.4
Guavas.....	1147	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	1183	*	*	*
Oranges.....	1464	*	*	*
Papayas.....	332	*	*	*
Pineapples.....	*	*	-	-
Chat.....	10579	281.27	2112.23	7.51
Coffee.....	14230	342.06	1399.08	4.09
Hops.....	3855	14.65	527.2	35.99
Sugar Cane.....	7772	141.74	54403.85	383.83

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	250,681.00	-	156,096.25	4,709.80	-	0.62	0.02

**Table 10.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Dawro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	85889	41619.94	603057.62	
Cereals.....	67006	24781.61	361307.38	
Teff.....	47795	13137.57	134712.69	10.25
Barley.....	8962	1054.54	15118.44	14.34
Wheat.....	15626	3010.73	58025.69	19.27
Maize.....	17030	3552.27	89376.39	25.16
Sorghum.....	22629	3962.59	63664.47	16.07
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	61937	16660.98	240662.33	
Faba beans.....	37716	6468.81	103428.16	15.99
Field peas.....	29904	6992.06	106526.89	15.24
Haricot beans white...	1672	*	*	*
Haricot beans red....	14001	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	4205	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	4751	*	*	
Neug.....	*	*	-	-
Linseed.....	3887	57.83	311.08	5.38
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	43944	341.92	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	41120	310.15	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	3900	12.39	-	-
Red peppers.....	2165	19.39	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	78171	4562.28	1529436.27	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	2153	*	-	-
Garlic.....	3511	*	-	-
Taro/'Godere'.....	73169	3926.77	1460653.63	371.97
Sweet potatoes.....	13174	506.01	64769.3	128
Fruit Crops.....	58987	1047.95	-	
Avocados.....	29603	229.99	-	-
Bananas.....	39145	648.23	-	-
Guavas.....	-	-	-	-
Lemons.....	*	*	-	-
Mangoes.....	12954	86	-	-
Oranges.....	5784	31.79	-	-
Papayas.....	7936	47.25	-	-
Pineapples.....	*	*	-	-
Chat.....	2562	*	-	-
Coffee.....	58385	1756.61	-	-
Hops.....	7742	55.53	-	-
Sugar Cane.....	14831	103.76	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	2,698,396.00	733,863.53	1,069,870.84	-	0.27	0.40	-

**Table 10.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Basketo Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	15573	3578.75	55463.04	
Cereals.....	14557	2992.3	49433.33	
Teff.....	5887	1385.26	18577.25	13.41
Barley.....	1397	235.12	3098.64	13.18
Wheat.....	*	*	*	*
Maize.....	10649	962.79	21646.44	22.48
Sorghum.....	5653	389.32	5823.93	14.96
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	11824	579.93	5986.79	
Faba beans.....	895	24.77	274.94	11.1
Field peas.....	3742	180.17	1989.11	11.04
Haricot beans white...	4462	153.79	1541.83	10.03
Haricot beans red....	6212	213.51	2106.9	9.87
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	648	*	42.92	
Neug.....	-	-	-	-
Linseed.....	292	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	2131	13.27	1564.99	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage....	1539	5.12	475.8	92.93
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	16026	995.14	233466.66	
Beetroot.....	411	2.38	174.01	73.11
Carrot.....	*	*	-	-
Onion.....	531	*	*	*
Potatoes.....	648	4.16	-	-
Yam/'Boye'.....	4332	72.52	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	13769	330.15	95414.29	289
Sweet potatoes.....	10613	566.15	135876.39	240
Fruit Crops.....	14669	295.86	32306.5	
Avocados.....	9097	96.76	8939.68	92.39
Bananas.....	10112	137.4	16106.24	117.22
Guavas.....	*	*	-	-
Lemons.....	533	*	*	*
Mangoes.....	6126	51.28	5877.33	114.61
Oranges.....	210	0.41	-	-
Papayas.....	2191	7.41	1234.45	166.59
Pineapples.....	*	*	*	*
Chat.....	388	1.63	-	-
Coffee.....	14840	660.86	4895.39	7.41
Hops.....	690	7.05	-	-
Sugar Cane.....	6155	71.26	35369.83	496.35

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	144,424.00	-	-	-	-	-	-

**Table 10.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Konta Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	31846	12001.82	169851.44	
Cereals.....	26389	7793.53	109399.78	
Teff.....	19871	4500.1	44918.65	9.98
Barley.....	3951	*	*	*
Wheat.....	4419	*	*	*
Maize.....	5297	851.83	18711.99	21.97
Sorghum.....	7266	1061.61	23765.06	22.39
Finger millet.....	*	*	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Masho.....	-	-	-	-
Pulses.....	19552	4203.58	60451.66	
Faba beans.....	13246	2510.72	39695.76	15.81
Field peas.....	9064	1352.3	16887.43	12.49
Haricot beans white...	1941	84.94	1261.74	14.85
Haricot beans red....	5406	251.69	2602.79	10.34
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	*	*	-	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	13137	74.77	7521.97	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	10785	56.03	6430.19	114.76
Tomatoes.....	-	-	-	-
Green peppers.....	2775	7.89	877.8	111.25
Red peppers.....	2640	10.08	213.98	21.23
Swiss chard.....	*	*	-	-
Root Crops.....	31215	2222.13	568681.67	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	358	*	-	-
Potatoes.....	*	*	-	-
Yam/'Boye'.....	1075	*	-	-
Garlic.....	1875	*	*	*
Taro/'Godere'.....	29678	2090.91	551999.82	264
Sweet potatoes.....	3109	75.83	16152.03	213
Fruit Crops.....	27330	689.3	72528.62	
Avocados.....	14418	141.12	7453.81	52.82
Bananas.....	21733	432.12	38365.01	88.78
Guavas.....	1353	2.93	-	-
Lemons.....	1857	*	*	*
Mangoes.....	5485	28.83	3525.92	122.3
Oranges.....	4679	22.31	2099.6	94.11
Papayas.....	8456	56.14	20013.25	356.49
Pineapples.....	*	*	-	-
Chat.....	4283	*	*	*
Coffee.....	22061	566.47	2362.55	4.17
Hops.....	3882	21.24	-	-
Sugar Cane.....	5667	38.65	19203.95	496.87

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	287,087.00	91,310.81	126,446.78	-	0.32	0.44	-

**Table 10.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Silitie				
Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	191849	102923.45	3165736.22	
Cereals.....	189334	94798.08	3029930.98	
Teff.....	54415	13323.61	166868.16	12.52
Barley.....	79677	7730.35	191625.89	24.79
Wheat.....	91177	20095.44	658801.28	32.78
Maize.....	152046	44679.29	1761202.77	39.42
Sorghum.....	76808	8564.09	245248.72	28.64
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	114493	7952.09	134675.12	
Faba beans.....	88916	3921.71	64807.9	16.53
Field peas.....	45971	2521.57	39890.02	15.82
Haricot beans white...	7565	129.25	4617.79	35.73
Haricot beans red....	2870	*	-	-
Chick-peas.....	10504	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	1823	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	3761	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	8347	173.28	1130.12	
Neug.....	*	*	-	-
Linseed.....	3628	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	3199	39.1	324.52	8.3
Vegetables.....	148772	7494.68	629119.37	
Lettuce.....	*	*	-	-
Head Cabbage.....	3646	30.1	*	*
Ethiopian Cabbage....	139437	2645.1	335752.5	126.93
Tomatoes.....	1246	*	-	-
Green peppers.....	3630	*	*	*
Red peppers.....	38016	4790.35	292339.82	61.03
Swiss chard.....	*	*	-	-
Root Crops.....	19980	214.55	9928.56	
Beetroot.....	2449	*	*	*
Carrot.....	6054	*	*	*
Onion.....	4261	*	-	-
Potatoes.....	5579	50.63	6683.22	132
Yam/'Boye'.....	-	-	-	-
Garlic.....	4915	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	45263	305.01	19739.65	
Avocados.....	14651	60.69	-	-
Bananas.....	20012	79	3860.61	48.87
Guavas.....	5421	16.52	-	-
Lemons.....	3993	7.4	105.54	14.26
Mangoes.....	5967	39.24	1222.43	31.15
Oranges.....	11161	31.86	3558.45	111.69
Papayas.....	19318	70.1	10992.61	156.81
Pineapples.....	*	*	-	-
Chat.....	75953	2278.29	31580.23	13.86
Coffee.....	43994	391.09	2087.33	5.34
Hops.....	*	*	-	-
Sugar Cane.....	8392	33.41	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,224,380.00	755,133.78	545,499.22	37,211.34	0.62	0.45	0.03

**Table 10.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Alaba Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	53788	40799.31	928170.78	
Cereals.....	53652	39943.34	914403.8	
Teff.....	31019	9763.81	117099.33	11.99
Barley.....	3632	296.99	5097.62	17.16
Wheat.....	13135	3778.94	102835.27	27.21
Maize.....	53109	19507.09	596239.91	30.57
Sorghum.....	42430	4452.77	73964.26	16.61
Finger millet.....	24550	2130.16	19167.41	9
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	19088	834.14	13719.82	
Faba beans.....	*	*	*	*
Field peas.....	*	*	-	-
Haricot beans white...	1266	*	-	-
Haricot beans red....	14231	584.72	10143.94	17.35
Chick-peas.....	*	*	-	-
Lentils.....	641	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	1931	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	2793	21.84	*	
Neug.....	-	-	-	-
Linseed.....	1217	12.88	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	979	*	-	-
Vegetables.....	46866	5439.06	216124.26	
Lettuce.....	-	-	-	-
Head Cabbage.....	1776	14	2437.02	174.07
Ethiopian Cabbage.....	40958	995.46	118851.99	119.39
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	27632	4407.11	94835.25	21.52
Swiss chard.....	*	*	-	-
Root Crops.....	4639	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	-	-	-	-
Potatoes.....	3702	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	12509	47.37	2267.7	
Avocados.....	2738	9.2	-	-
Bananas.....	7596	21.39	1557.64	72.82
Guavas.....	1235	2.07	-	-
Lemons.....	*	*	-	-
Mangoes.....	526	*	-	-
Oranges.....	567	*	-	-
Papayas.....	3879	7.92	710.05	89.65
Pineapples.....	-	-	-	-
Chat.....	25587	1247.98	35206.27	28.21
Coffee.....	11835	142.81	-	-
Hops.....	*	*	-	-
Sugar Cane.....	2071	11.71	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	*	-	-	-	-	-	-

**Table 10.18 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Segen Peole's Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	87385	48354.36	714252.67	
Cereals.....	83102	38606.84	587256.88	
Teff.....	33447	11082.78	129188.72	11.66
Barley.....	20672	1716.07	17071.7	9.95
Wheat.....	12184	1730.82	24763.57	14.31
Maize.....	61522	15187.02	302865.26	19.94
Sorghum.....	34543	8880.54	113367.63	12.77
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	*	*	-	-
Pulses.....	63021	9693.56	126777.51	
Faba beans.....	8853	288.32	2734.51	9.48
Field peas.....	6747	456.5	5553.74	12.17
Haricot beans white...	6281	380.1	*	*
Haricot beans red....	49093	7995.9	111274.15	13.92
Chick-peas.....	3225	513.41	4594.43	8.95
Lentils.....	1072	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	3461	53.96	*	
Neug.....	-	-	-	-
Linseed.....	1079	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	33571	347.95	43738.7	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage....	31298	321.72	41418.16	128.74
Tomatoes.....	2756	6.94	*	*
Green peppers.....	3280	14.91	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	25098	506.68	1480.19	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	2049	*	*	*
Potatoes.....	4871	91.23	-	-
Yam/'Boye'.....	*	*	-	-
Garlic.....	1522	*	*	*
Taro/'Godere'.....	11385	*	-	-
Sweet potatoes.....	9492	*	-	-
Fruit Crops.....	39985	1203.29	79666.5	
Avocados.....	11975	105.44	-	-
Bananas.....	30741	731.34	34528.71	47.21
Guavas.....	2464	13.2	*	*
Lemons.....	2455	*	*	*
Mangoes.....	10975	200.3	24850.9	124.07
Oranges.....	1865	7.35	*	*
Papayas.....	10564	*	*	*
Pineapples.....	-	-	-	-
Chat.....	11220	312.08	5067.91	16.24
Coffee.....	40771	2039.75	40717.3	19.96
Hops.....	3403	*	-	-
Sugar Cane.....	15995	645.97	329246.7	509.69

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	811,442.00	277,985.24	245,475.09	7,775.77	0.34	0.30	0.03

**Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Gambela Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	35436	7795.43	173557.48	
Cereals.....	34111	7762.74	173413.56	
Teff.....	*	*	-	-
Barley.....	*	*	-	-
Wheat.....	*	*	-	-
Maize.....	24047	4666.49	101070.13	21.66
Sorghum.....	13931	3050.36	72280.69	23.7
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Masho.....	-	-	-	-
Pulses.....	2752	*	*	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans white...	1560	5.15	17.55	3.41
Haricot beans red....	1150	3.87	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	824	12.69	58.06	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	492	*	42.71	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	-	-
Vegetables.....	10119	133.89	6633.9	
Lettuce.....	-	-	-	-
Head Cabbage.....	247	*	-	-
Ethiopian Cabbage....	7454	40.04	3143.34	78.5
Tomatoes.....	483	*	*	*
Green peppers.....	1901	16.26	781.52	48.06
Red peppers.....	1466	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	13153	298.77	60646.47	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	342	*	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	793	3.32	-	-
Garlic.....	196	*	-	-
Taro/'Godere'.....	9483	159.37	45003.7	282.39
Sweet potatoes.....	4972	128.57	14672.53	114.12
Fruit Crops.....	23458	597.37	-	
Avocados.....	10587	119.86	-	-
Bananas.....	11355	234.61	-	-
Guavas.....	828	2.53	-	-
Lemons.....	1077	2.94	-	-
Mangoes.....	12305	166.99	-	-
Oranges.....	3932	21.07	-	-
Papayas.....	10151	40.87	-	-
Pineapples.....	821	8.51	-	-
Chat.....	3766	393.24	-	-
Coffee.....	15737	6978.18	-	-
Hops.....	3670	*	-	-
Sugar Cane.....	9623	119.19	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	141,458.00	2,349.62	6,084.11	46.68	0.02	0.04	*

**Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Agnuwak

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	4875	1571.2	34367.22	
Cereals.....	4281	1555.57	34291.61	
Teff.....	-	-	-	-
Barley.....	*	*	-	-
Wheat.....	*	*	-	-
Maize.....	3345	1098.31	23790.26	21.66
Sorghum.....	1668	*	*	*
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Masho.....	-	-	-	-
Pulses.....	870	4.53	17.55	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	806	2.44	17.55	7.19
Haricot beans red....	*	*	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	502	11.09	58.06	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	406	*	42.71	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1004	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	143	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	645	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	2785	63.8	9734.73	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	631	10.48	3205.44	305.86
Sweet potatoes.....	2261	51.01	6529.3	128
Fruit Crops.....	4579	53.34	-	
Avocados.....	*	*	-	-
Bananas.....	1120	13.48	-	-
Guavas.....	88	*	-	-
Lemons.....	217	1.5	-	-
Mangoes.....	1578	19.41	-	-
Oranges.....	*	*	-	-
Papayas.....	3268	17.66	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	-	-
Sugar Cane.....	*	*	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Nuware

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	11264	2256.95	48742.55	
Cereals.....	11264	2256.95	48742.55	
Teff.....	*	*	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	11238	2250.76	48742.55	21.66
Sorghum.....	*	*	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	-	-	-	-
Haricot beans red....	-	-	-	-
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.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	*	*	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 11.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Mezhenger

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	14307	2873.35	66879.53	
Cereals.....	13576	2856.39	66811.23	
Teff.....	-	-	-	-
Barley.....	*	*	-	-
Wheat.....	-	-	-	-
Maize.....	4542	303.63	6574.73	21.65
Sorghum.....	12041	2539.32	60173.75	23.7
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Masho.....	-	-	-	-
Pulses.....	1883	*	*	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans white...	754	2.71	-	-
Haricot beans red....	1086	1.78	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	311	1.49	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	*	*	-	-
Rape seed.....	*	*	-	-
Vegetables.....	9009	84.2	4394.54	
Lettuce.....	-	-	-	-
Head Cabbage.....	247	*	-	-
Ethiopian Cabbage.....	7402	39.61	3143.34	79.36
Tomatoes.....	266	*	-	-
Green peppers.....	1619	12.66	736.37	58.17
Red peppers.....	821	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	9674	214.21	48816.99	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	193	*	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	731	3.04	-	-
Garlic.....	196	*	-	-
Taro/'Godere'.....	8582	144.77	40534.39	279.99
Sweet potatoes.....	2174	*	*	*
Fruit Crops.....	16090	421.41	-	-
Avocados.....	10497	119.28	-	-
Bananas.....	8848	166.51	-	-
Guavas.....	663	1.27	-	-
Lemons.....	860	1.44	-	-
Mangoes.....	8591	82.35	-	-
Oranges.....	3859	20.76	-	-
Papayas.....	6347	21.27	-	-
Pineapples.....	821	8.51	-	-
Chat.....	3688	391.58	-	-
Coffee.....	15327	6916.4	-	-
Hops.....	3358	*	-	-
Sugar Cane.....	9034	113.33	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	141,458.00	2,349.62	6,084.11	46.68	0.02	0.04	*

**Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Itang Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	4989	1093.93	23568.18	
Cereals.....	4989	1093.83	23568.18	
Teff.....	*	*	-	-
Barley.....	*	*	-	-
Wheat.....	-	-	-	-
Maize.....	4923	1013.79	21962.59	21.66
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans white...	-	-	-	-
Haricot beans red....	-	-	-	-
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.....	496	10.62	2094.75	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	271	*	*	*
Sweet potatoes.....	339	6.49	830.88	128.02
Fruit Crops.....	2555	119.74	-	
Avocados.....	-	-	-	-
Bananas.....	1387	*	-	-
Guavas.....	*	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	2009	62.58	-	-
Oranges.....	*	*	-	-
Papayas.....	430	1.7	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	72	*	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Harari

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	26442	11240.35	170203.18	
Cereals.....	26393	8227.56	130126.87	
Teff.....	-	-	-	-
Barley.....	1065	*	*	*
Wheat.....	1400	*	1590.22	*
Maize.....	19432	1401.38	30876.11	22.03
Sorghum.....	25172	6656.98	97256.98	14.61
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	1208	*	*	
Faba beans.....	*	*	-	-
Field peas.....	-	-	-	-
Haricot beans white...	*	*	*	*
Haricot beans red....	*	*	-	-
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	12846	2953.98	39458.17	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	12699	2874.09	38652.57	13.45
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1838	*	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	346	*	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	*	*	-	-
Green peppers.....	233	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	5898	215.87	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	740	15.99	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	5282	199.87	-	-
Fruit Crops.....	10262	576.56	8982.06	
Avocados.....	*	*	-	-
Bananas.....	2382	18.91	342.49	18.11
Guavas.....	1125	9.49	-	-
Lemons.....	2630	49.46	-	-
Mangoes.....	7217	414.52	394.77	0.95
Oranges.....	*	*	-	-
Papayas.....	2031	*	*	*
Pineapples.....	-	-	-	-
Chat.....	23625	4844.15	118645.08	24.49
Coffee.....	1930	*	*	*
Hops.....	*	*	-	-
Sugar Cane.....	3757	158.87	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

**Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2013/14 (2006 E.C.)**

Dire Dawa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	25126	11493.27	202587.12	
Cereals.....	25126	10390.24	188018.48	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	8181	316	5919.69	18.73
Sorghum.....	24715	10001.74	181449.39	18.14
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Masho.....	-	-	-	-
Pulses.....	11544	735.88	10657.28	
Faba beans.....	-	-	-	-
Field peas.....	*	*	-	-
Haricot beans white...	5026	311.37	*	*
Haricot beans red....	6935	422.64	6529.58	15.45
Chick-peas.....	*	*	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	5172	367.15	3911.35	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	2216	*	*	*
Safflower.....	-	-	-	-
Sesame.....	2907	106.72	1151.71	10.79
Rape seed.....	*	*	*	*
Vegetables.....	3331	102.79	14298.04	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage....	*	*	-	-
Tomatoes.....	2917	93.53	14298.04	152.87
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	4849	159.4	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	3292	78.46	-	-
Fruit Crops.....	6152	156.53	-	
Avocados.....	-	-	-	-
Bananas.....	828	2.18	-	-
Guavas.....	2323	16.38	-	-
Lemons.....	663	2.3	-	-
Mangoes.....	1959	*	-	-
Oranges.....	*	*	-	-
Papayas.....	2379	42.73	-	-
Pineapples.....	-	-	-	-
Chat.....	12561	1082.24	7036.96	6.5
Coffee.....	4796	136.2	272.67	2
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

Crop	Number of Trees Harvested	Production in Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	-	-	-	-	-	-	-

APPENDIX I

**ESTIMATION PROCEDURES OF TOTAL, RATIO AND
SAMPLING ERRORS**

APPENDIX I

Estimation Procedures of Totals, Ratios and Sampling Errors

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

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

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

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight.

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h^{th} stratum.

M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.

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

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

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

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

2. For estimating Total Production under Specific Crop:

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

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

Where, $\bar{Y}_{hi} = \frac{Y_{hi}}{4C_{hi}}$ is average yield per square meter of a specific crop in the i^{th} EA in the h^{th} stratum.

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

Y_{hi} is sample total quantity of production of a specific crop from defined area of land for crop cutting

of a crop in the i^{th} EA in the h^{th} stratum.

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

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

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

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

4. Sampling Variance of Estimates:

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

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

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

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

Where,

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

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

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

stratum h .

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

stratum.

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

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

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

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

In estimating the sampling variance by the above formula, selection of EAs within a stratum is assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

5. Coefficient of Variation (CV) of Estimates:

Coefficient of Variation (CV) in percentage of estimate of stratum total of area, production and yield for a specific crop are given by:

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

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

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

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

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

APPENDIX II

STANDARD ERRORS AND COEFFICIENTS OF VARIATION OF ESTIMATES

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2013/14 (2006 E.C.)**

Ethiopia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	12,407,473.46	176,755.86	1.42	251,536,623.90	4,459,114.78	1.77
<u>Cereals</u>	9,848,745.96	144,916.31	1.47	215,835,225.61	4,085,543.48	1.89
Teff	3,016,521.90	84,675.14	2.81	44,186,421.95	1,470,887.48	3.33
Barley	1,019,477.93	45,991.86	4.51	19,082,624.11	1,053,145.98	5.52
Wheat	1,605,653.90	65,718.58	4.09	39,251,741.35	2,001,493.64	5.10
Maize	1,994,813.80	60,130.83	3.01	64,915,402.92	2,531,933.75	3.90
Sorghum	1,677,486.33	71,177.73	4.24	38,288,701.03	1,796,441.11	4.69
Finger millet	454,662.33	26,070.09	5.73	8,489,564.26	603,800.08	7.11
Oats / 'Aja'	35,617.76	5,467.88	15.35	616,502.59	108,827.35	17.65
Rice	33,819.65	10,884.83	32.18	923,627.30	341,476.05	36.97
Masho	10,692.38	2,364.91	22.12	80,640.10	25,165.77	31.21
<u>Pulses</u>	1,742,602.19	50,124.16	2.88	28,588,805.90	1,024,621.57	3.58
Faba beans	538,458.21	19,856.94	3.69	9,917,002.83	427,038.30	4.31
Field peas	275,386.33	13,727.88	4.98	3,798,130.84	223,694.32	5.89
W. Haricot beans	133,372.84	13,169.04	9.87	1,987,777.65	258,490.44	13.00
Red Haricot beans	193,093.04	15,193.25	7.87	2,586,338.48	233,874.23	9.04
Chick-peas	229,720.74	18,837.37	8.20	4,238,148.39	437,838.16	10.33
Lentils	125,830.74	13,008.68	10.34	1,591,212.26	221,460.49	13.92
Vetch	169,441.21	16,518.31	9.75	3,173,220.59	362,865.04	11.44
Soya beans	30,517.38	6,722.70	22.03	610,249.16	173,508.23	28.43
Fenugreek	24,426.24	3,621.15	14.82	456,266.15	115,401.98	25.29
Gibto	22,355.46	5,257.69	23.52	230,459.55	52,512.42	22.79
<u>Oilseeds</u>	816,125.31	57,701.22	7.07	7,112,592.38	534,956.96	7.52
Neug	285,303.47	27,700.73	9.71	2,202,111.90	296,984.50	13.49
Linseed	95,582.79	8,287.55	8.67	879,459.08	104,078.35	11.83
Groundnuts	79,947.03	11,877.30	14.86	1,120,887.24	168,862.08	15.07
Safflower	11,526.27	1,823.36	15.82	83,470.97	15,681.95	18.79
Sesame	299,724.41	49,600.03	16.55	2,202,160.53	397,770.08	18.06
Rape seed	44,041.34	3,942.38	8.95	624,502.66	84,893.11	13.59

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2013/14 (2006 E.C.)**

Tigray

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	903,226.95	34,673.84	3.84	16,010,815.83	836,397.03	5.22
<u>Cereals</u>	758,746.02	31,748.09	4.18	14,649,461.16	813,502.13	5.55
Teff	185,337.29	14,200.22	7.66	2,465,517.95	246,163.72	9.98
Barley	96,577.17	7,170.74	7.42	1,602,658.52	148,846.30	9.29
Wheat	112,818.67	10,220.09	9.06	2,050,333.33	196,665.37	9.59
Maize	65,201.64	4,702.26	7.21	1,485,992.68	126,746.12	8.53
Sorghum	215,111.82	21,845.50	10.16	5,463,225.32	632,032.71	11.57
Finger millet	82,129.65	8,425.03	10.26	1,563,172.71	250,435.06	16.02
Oats / ‘Aja’	477.92	268.46	56.17	6,385.30	3,482.17	54.53
Rice	503.78	314.77	62.48	12,175.35	8,324.83	68.37
Masho	588.08	395.03	67.17	-	-	-
<u>Pulses</u>	48,966.86	4,159.59	8.49	644,323.83	64,679.43	10.04
Faba beans	17,157.43	2,009.00	11.71	245,991.82	31,551.10	12.83
Field peas	5,912.50	1,236.72	20.92	73,011.62	19,266.66	26.39
W. Haricot beans	1,143.30	548.70	47.99	7,585.39	2,787.96	36.75
Red Haricot beans	105.60	62.06	58.77	1,344.84	833.73	62.00
Chick-peas	6,060.90	1,128.94	18.63	78,551.56	15,945.76	20.30
Lentils	8,855.15	1,722.35	19.45	95,792.25	23,414.45	24.44
Vetch	8,736.70	1,901.31	21.76	137,108.17	33,311.88	24.30
Soya beans	11.57	11.57	100.05	-	-	-
Fenugreek	918.19	288.22	31.39	4,938.17	2,254.96	45.66
Gibto	65.52	50.54	77.14	-	-	-
<u>Oilseeds</u>	95,514.06	10,492.00	10.98	717,030.84	83,319.12	11.62
Neug	4,300.29	819.19	19.05	50,328.04	12,091.80	24.03
Linseed	5,747.03	912.99	15.89	57,764.07	9,437.59	16.34
Groundnuts	452.20	315.45	69.76	4,090.41	2,914.16	71.24
Safflower	198.61	156.85	78.97	85.55	72.00	84.16
Sesame	84,748.05	10,733.12	12.66	604,746.75	86,072.84	14.23
Rape seed	67.89	45.99	67.74	16.01	11.93	74.53

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Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
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Afar

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	6,673.55	2,326.16	34.86	188,269.63	76,507.39	40.64
<u>Cereals</u>	6,644.33	2,325.22	35.00	187,983.93	76,501.29	40.70
Teff	1,080.64	737.58	68.25	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	4,723.91	2,012.93	42.61	172,233.47	76,180.76	44.23
Sorghum	756.92	466.24	61.60	15,750.46	10,525.68	66.83
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Masho	82.86	75.50	91.11	-	-	-
<u>Pulses</u>	17.80	10.07	56.58	172.70	114.90	66.53
Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
W. Haricot beans	17.80	10.07	56.58	172.70	114.90	66.53
Red Haricot beans	-	-	-	-	-	-
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	11.41	11.75	102.98	113.00	116.37	102.98
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	11.41	11.75	102.98	113.00	116.37	102.98
Rape seed	-	-	-	-	-	-

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Amhara

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	4,404,711.72	107,506.48	2.44	81,557,674.94	2,262,562.07	2.77
<u>Cereals</u>	3,359,849.43	84,897.06	2.53	67,092,637.22	2,070,800.83	3.09
Teff	1,146,730.12	51,268.93	4.47	17,137,973.22	870,932.53	5.08
Barley	373,016.41	28,368.22	7.61	5,887,666.45	490,300.48	8.33
Wheat	529,648.64	37,543.29	7.09	11,199,913.22	864,892.52	7.72
Maize	474,254.25	25,129.14	5.30	15,984,749.87	1,087,607.79	6.80
Sorghum	558,827.95	49,214.61	8.81	11,350,114.08	1,141,514.50	10.06
Finger millet	236,680.54	22,572.20	9.54	4,618,394.93	514,440.97	11.14
Oats / 'Aja'	4,662.35	1,262.92	27.09	60,964.57	16,441.71	26.97
Rice	26,220.94	10,625.69	40.52	772,220.77	336,697.82	43.60
Masho	9,808.22	2,328.78	23.74	80,640.10	25,165.77	31.21
<u>Pulses</u>	753,499.08	36,055.00	4.79	12,144,734.67	691,946.22	5.70
Faba beans	226,572.45	14,308.17	6.32	4,024,360.89	280,398.84	6.97
Field peas	99,789.35	7,378.77	7.39	1,345,504.81	114,959.92	8.54
W. Haricot beans	46,504.29	8,039.31	17.29	654,871.76	133,441.82	20.38
Red Haricot beans	47,437.33	10,316.43	21.75	601,301.82	143,109.73	23.80
Chick-peas	124,773.47	13,274.35	10.64	2,208,373.07	280,613.61	12.71
Lentils	68,078.35	9,139.39	13.42	798,119.83	170,620.14	21.38
Vetch	102,680.67	13,441.97	13.09	1,899,065.21	292,872.57	15.42
Soya beans	3,499.19	1,606.48	45.91	53,104.24	27,660.28	52.09
Fenugreek	12,216.09	2,939.37	24.06	329,577.65	111,402.44	33.80
Gibto	21,947.88	5,254.71	23.94	230,455.38	52,512.42	22.79
<u>Oilseeds</u>	291,363.21	47,450.47	16.29	2,320,303.05	388,358.29	16.74
Neug	81,095.14	10,114.16	12.47	617,965.20	92,667.30	15.00
Linseed	32,462.44	3,563.16	10.98	220,023.26	28,483.23	12.95
Groundnuts	2,380.15	746.98	31.38	26,762.46	9,357.31	34.96
Safflower	9,518.41	1,758.96	18.48	68,003.17	14,736.04	21.67
Sesame	138,848.29	46,825.98	33.72	1,005,906.17	369,863.34	36.77
Rape seed	27,058.78	3,683.66	13.61	381,642.79	81,341.20	21.31

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Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	5,652,623.88	127,965.48	2.26	125,380,837.17	3,578,452.30	2.85
<u>Cereals</u>	4,592,182.13	105,509.07	2.30	109,486,908.30	3,257,177.06	2.97
Teff	1,397,797.42	63,192.90	4.52	21,040,842.17	1,129,195.07	5.37
Barley	471,134.15	34,810.21	7.39	10,239,091.87	910,269.87	8.89
Wheat	837,000.48	51,655.43	6.17	23,028,513.78	1,764,977.66	7.66
Maize	1,083,332.83	49,844.54	4.60	35,954,090.42	2,147,120.68	5.97
Sorghum	669,575.97	44,466.90	6.64	16,739,208.69	1,194,052.78	7.13
Finger millet	99,867.65	8,603.01	8.61	1,826,899.21	176,318.00	9.65
Oats / 'Aja'	29,979.50	5,312.07	17.72	545,047.07	107,515.39	19.73
Rice	3,336.85	1,320.27	39.57	113,215.09	53,877.55	47.59
Masho	157.29	82.75	52.61	-	-	-
<u>Pulses</u>	693,531.38	32,566.16	4.70	12,495,966.35	730,691.08	5.85
Faba beans	222,434.09	12,738.33	5.73	4,591,220.94	311,605.62	6.79
Field peas	108,295.07	9,917.05	9.16	1,612,519.44	175,100.92	10.86
W. Haricot beans	77,182.87	10,349.89	13.41	1,210,597.06	220,633.82	18.23
Red Haricot beans	66,329.85	8,735.06	13.17	1,038,448.14	156,317.37	15.05
Chick-peas	88,716.90	12,809.99	14.44	1,797,008.25	329,693.72	18.35
Lentils	47,917.21	9,092.75	18.98	689,424.81	139,210.79	20.19
Vetch	57,602.29	9,407.06	16.33	1,127,142.34	211,456.36	18.76
Soya beans	13,858.08	5,394.27	38.93	310,073.67	151,676.40	48.92
Fenugreek	11,031.04	2,092.60	18.97	119,527.52	30,012.83	25.11
Gibto	163.98	114.78	69.99	4.18	4.17	99.86
<u>Oilseeds</u>	366,910.37	30,621.62	8.35	3,397,962.51	348,939.04	10.27
Neug	192,222.28	25,727.98	13.38	1,488,831.47	281,718.86	18.92
Linseed	55,640.38	7,422.23	13.34	593,460.21	99,650.48	16.79
Groundnuts	52,921.26	11,213.33	21.19	682,939.31	151,325.88	22.16
Safflower	1,499.23	428.19	28.56	14,547.95	5,353.81	36.80
Sesame	48,182.44	11,780.75	24.45	379,240.81	114,156.17	30.10
Rape seed	16,444.77	1,399.68	8.51	238,942.77	24,280.33	10.16

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Somale

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	72,713.30	7,643.56	10.51	1,933,298.89	247,933.25	12.82
<u>Cereals</u>	67,665.69	7,582.72	11.21	1,851,273.48	244,655.95	13.22
Teff	38.99	39.16	100.43	-	-	-
Barley	1,237.54	640.76	51.78	20,867.97	11,987.14	57.44
Wheat	5,646.40	3,076.46	54.49	113,292.65	58,752.03	51.86
Maize	30,095.76	4,681.10	15.55	837,168.24	157,549.70	18.82
Sorghum	30,627.74	4,751.11	15.51	879,944.64	145,984.49	16.59
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	17.26	14.00	81.13	-	-	-
Rice	2.00	2.01	100.27	-	-	-
Masho	-	-	-	-	-	-
<u>Pulses</u>	2,877.87	885.85	30.78	26,365.16	9,485.46	35.98
Faba beans	-	-	-	-	-	-
Field peas	0.31	0.32	104.75	-	-	-
W. Haricot beans	1,001.60	549.73	54.88	7,276.85	4,410.45	60.61
Red Haricot beans	1,797.79	749.88	41.71	19,064.64	8,689.32	45.58
Chick-peas	56.56	39.43	69.72	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	5.38	4.96	92.16	23.67	21.81	92.16
Gibto	16.24	16.38	100.88	-	-	-
<u>Oilseeds</u>	2,169.74	1,488.72	68.61	55,660.25	43,227.74	77.66
Neug	-	-	-	-	-	-
Linseed	18.57	13.18	71.00	59.41	42.18	71.00
Groundnuts	2,084.50	1,488.23	71.39	55,585.63	43,230.48	77.77
Safflower	-	-	-	-	-	-
Sesame	66.67	63.99	95.98	15.20	14.66	96.41
Rape seed	-	-	-	-	-	-

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Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
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Benishangul -Gumuz

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	244,577.66	17,448.74	7.13	4,448,424.95	349,218.55	7.85
<u>Cereals</u>	172,821.79	13,461.69	7.79	3,540,138.82	301,537.71	8.52
Teff	26,021.15	4,136.38	15.90	267,028.47	54,379.60	20.36
Barley	656.38	308.25	46.96	8,283.46	3,859.88	46.60
Wheat	2,016.18	981.19	48.67	40,684.53	18,569.23	45.64
Maize	46,098.00	4,444.25	9.64	1,465,778.36	160,673.68	10.96
Sorghum	64,664.97	8,843.68	13.68	1,295,403.80	207,060.11	15.98
Finger millet	31,800.01	4,973.32	15.64	437,008.17	77,765.89	17.80
Oats / 'Aja'	57.80	33.88	58.62	809.86	591.60	73.05
Rice	1,502.04	914.55	60.89	25,142.18	16,371.32	65.11
Masho	5.27	3.42	64.86	-	-	-
<u>Pulses</u>	20,920.14	3,755.46	17.95	363,011.38	79,299.32	21.84
Faba beans	524.37	161.52	30.80	7,251.38	2,163.52	29.84
Field peas	517.97	197.86	38.20	4,851.43	2,028.06	41.80
W. Haricot beans	2,206.82	554.91	25.15	40,289.82	13,639.93	33.85
Red Haricot beans	4,116.33	1,061.44	25.79	60,639.85	17,771.03	29.31
Chick-peas	603.05	220.99	36.65	4,542.89	1,600.24	35.23
Lentils	47.44	22.22	46.84	253.50	142.31	56.14
Vetch	-	-	-	-	-	-
Soya beans	12,774.86	3,668.77	28.72	245,170.62	79,565.95	32.45
Fenugreek	5.64	2.41	42.68	11.88	6.67	56.09
Gibto	123.67	121.23	98.03	-	-	-
<u>Oilseeds</u>	50,835.73	4,936.19	9.71	545,274.75	67,763.90	12.43
Neug	7,112.74	1,527.31	21.47	41,515.47	9,884.21	23.81
Linseed	481.88	140.01	29.05	1,951.86	528.25	27.06
Groundnuts	18,592.72	3,456.00	18.59	307,097.97	59,436.76	19.35
Safflower	186.42	146.10	78.37	319.74	262.59	82.13
Sesame	24,355.70	3,262.85	13.40	192,791.38	30,248.97	15.69
Rape seed	106.27	36.14	34.01	1,598.32	631.77	39.53

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(S.N.N.P.R)

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	1092417.36	41666.37	3.81	21470954.72	1033965.36	4.82
<u>Cereals</u>	864456.03	37509.98	4.34	18535263.78	987335.7	5.33
Teff	259507.5	18130.95	6.99	3275060.15	257587.44	7.87
Barley	76763.65	6842.39	8.91	1323560.26	133479.61	10.08
Wheat	118349.23	11236.83	9.49	2816856.26	316728.44	11.24
Maize	284723.54	20778.1	7.3	8877523.94	738274.42	8.32
Sorghum	118211.88	9319.65	7.88	2194066.99	183707.19	8.37
Finger millet	4184.27	646.7	15.46	44089.23	8469.71	19.21
Oats / 'Aja'	420.28	106.12	25.25	3295.79	1013.89	30.76
Rice	2245.04	1701.6	75.79	811.17	594.96	73.35
Masho	50.65	30.71	60.64	-	-	-
<u>Pulses</u>	221974.34	10940.67	4.93	2902870.53	163030.55	5.62
Faba beans	71762.58	4821.5	6.72	1048147.1	75099.87	7.17
Field peas	60866.5	5838.83	9.59	762205.93	76077.04	9.98
W. Haricot beans	4954.67	863.45	17.43	62270.28	10607.8	17.04
Red Haricot beans	72873.87	6811.51	9.35	859009.61	96877.46	11.28
Chick-peas	9505.02	3635.56	38.25	149648.58	63273.03	42.28
Lentils	930.62	228.18	24.52	7596.57	2369.64	31.19
Vetch	421.55	245.55	58.25	9904.86	8556.72	86.39
Soya beans	373.64	236.17	63.21	1900.62	1882.25	99.03
Fenugreek	247.72	103.92	41.95	2186.98	1122.23	51.31
Gibto	38.17	26.08	68.34	-	-	-
<u>Oilseeds</u>	5986.98	1728.64	28.87	32820.4	8555.52	26.07
Neug	573.02	318.14	55.52	3471.71	1771.75	51.03
Linseed	1229.14	211.05	17.17	6194.8	1199.99	19.37
Groundnuts	376.33	132.78	35.28	2962.22	1859.43	62.77
Safflower	123.03	37.32	30.34	514.55	188.25	36.58
Sesame	3322.79	1688.31	50.81	17380.01	8155.63	46.93
Rape seed	362.67	102.09	28.15	2297.1	718.56	31.28

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Gambela

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	7795.43	600.37	7.7	173557.48	14569.27	8.39
<u>Cereals</u>	7762.74	601.41	7.75	173413.56	14581.14	8.41
Teff	8.8	6.32	71.86	-	-	-
Barley	19.85	13.3	67.04	-	-	-
Wheat	8.05	9.82	121.95	-	-	-
Maize	4666.49	417.77	8.95	101070.13	9096.06	9
Sorghum	3050.36	465.33	15.25	72280.69	12014.87	16.62
Finger millet	0.21	0.23	111.83	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	8.99	6.51	72.45	62.74	41.54	66.21
Masho	-	-	-	-	-	-
<u>Pulses</u>	20.01	10.32	51.6	85.86	62.8	73.14
Faba beans	6.82	6.38	93.46	30.7	28.69	93.46
Field peas	4.13	3.94	95.35	37.6	35.85	95.35
W. Haricot beans	5.15	1.38	26.73	17.55	6.43	36.61
Red Haricot beans	3.87	1.89	48.72	-	-	-
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	0.03	0.03	94.36	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	12.69	4.17	32.89	58.06	18.46	31.79
Neug	-	-	-	-	-	-
Linseed	1.92	1.93	100.85	-	-	-
Groundnuts	6.07	3.08	50.74	42.71	15.74	36.86
Safflower	0.56	0.54	96.7	-	-	-
Sesame	3.89	2.62	67.2	15.35	11.65	75.91
Rape seed	0.25	0.21	82.23	-	-	-

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Harari

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	11240.35	1320.48	11.75	170203.18	20842.65	12.25
<u>Cereals</u>	8227.56	775.76	9.43	130126.87	13886.66	10.67
Teff	-	-	-	-	-	-
Barley	57.19	29.17	51.01	403.55	209.55	51.93
Wheat	109.35	55.16	50.45	1590.22	750.98	47.22
Maize	1401.38	173.88	12.41	30876.11	5419.62	17.55
Sorghum	6656.98	713.11	10.71	97256.98	11070.05	11.38
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	2.67	2.61	97.81	-	-	-
Rice	-	-	-	-	-	-
Masho	-	-	-	-	-	-
<u>Pulses</u>	58.82	36.53	62.11	618.14	494.32	79.97
Faba beans	0.47	0.36	77.48	-	-	-
Field peas	-	-	-	-	-	-
W. Haricot beans	44.96	36.44	81.05	568.52	494.9	87.05
Red Haricot beans	5.75	5.64	98.16	-	-	-
Chick-peas	4.24	2.87	67.65	24.03	22.6	94.04
Lentils	1.98	1.97	99.61	25.3	25.2	99.61
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	1.42	1.36	95.63	0.28	0.27	95.63
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	2953.98	726.58	24.6	39458.17	10962.95	27.78
Neug	-	-	-	-	-	-
Linseed	1.44	1.39	96.82	5.47	5.3	96.82
Groundnuts	2874.09	691.49	24.06	38652.57	10560.45	27.32
Safflower	-	-	-	-	-	-
Sesame	78.44	45.81	58.39	800.14	467.22	58.39
Rape seed	-	-	-	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2013/14 (2006 E.C.)**

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2013/14 (2006 E.C.)**

Dire Dawa

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	11493.27	1033.34	8.99	202587.12	25054.92	12.37
<u>Cereals</u>	10390.24	1018.1	9.8	188018.48	24293.49	12.92
Teff	-	-	-	-	-	-
Barley	15.6	9.55	61.23	92.04	56.36	61.23
Wheat	56.89	48.39	85.06	557.36	459.69	82.48
Maize	316	59.13	18.71	5919.69	1832.13	30.95
Sorghum	10001.74	1038.35	10.38	181449.39	24627.43	13.57
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Masho	-	-	-	-	-	-
<u>Pulses</u>	735.88	152.57	20.73	10657.28	3053.7	28.65
Faba beans	-	-	-	-	-	-
Field peas	0.5	0.48	97.09	-	-	-
W. Haricot beans	311.37	121.47	39.01	4127.7	2290.45	55.49
Red Haricot beans	422.64	123.56	29.23	6529.58	2096.02	32.1
Chick-peas	0.61	0.6	98.23	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	0.76	0.43	57.03	-	-	-
Gibto	-	-	-	-	-	-
<u>Oilseeds</u>	367.15	137.31	37.4	3911.35	1506.62	38.52
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	259.72	139.13	53.57	2753.97	1498.67	54.42
Safflower	-	-	-	-	-	-
Sesame	106.72	35.69	33.44	1151.71	480.13	41.69
Rape seed	0.71	0.48	66.84	5.67	5.16	91

APPENDIX III

NUMBER of EAs and HOUSEHOLDS PLANNED AND ACTUALLY COVERED

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	620	620
	Central Tigray	39	39	780	780
	Eastern Tigray	29	29	580	579
	Southern Tigray	38	38	760	760
	Western Tigray	35	35	500	500
	Region Total	172	172	3240	3179
Afar	Zone One	29	28	600	836
	Zone Three	21	20	400	596
	Region Total	49	48	1000	899
Amhara	North Gonder	49	49	980	977
	South Gonder	45	43	900	900
	North Wello	46	45	920	915
	South Wello	49	49	980	979
	North Shewa	47	46	940	919
	East Gojam	47	47	940	939
	West Gojam	46	46	920	900
	Wag Hemira	29	29	580	580
	Awi	32	32	640	640
	Oromia	28	28	560	559
	Argoba special wereda	20	20	400	400
	Region Total	438	432	8760	8634
Oromia	West Wellega	43	43	860	860
	East Wellega	41	41	800	798
	Illubabor	48	48	960	960
	Jimma	47	47	940	940
	West Shewa	44	44	880	875
	North Shewa	39	39	780	778

Appendix III (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Oromia	East Shewa	40	39	800	779
	Arsi	53	52	1060	1,060
	West Harerghe	41	41	820	817
	East Harerghe	48	48	960	959
	Bale	43	43	880	858
	Borena	37	37	740	735
	South West Shewa	38	38	760	758
	Guji	38	38	760	759
	Kelem Wellega	36	36	780	778
	Horoguduru Wellega	36	36	720	719
	West Arsi	39	39	740	718
	Region Total	718	709	14240	14151
Somali	Shinile	20	20	400	393
	Jijiga	28	28	560	556
	Liben	25	22	480	425
	Region Total	73	72	1440	1426
Benishangul-Gumuz	Metekel	31	31	600	600
	Asosa	26	26	520	520
	Kemashi	20	20	400	418
	Mao Komo special wereda	20	20	400	398
	Region Total	97	93	1920	1859
SNNP	Guraghe	40	39	820	777
	Hadiya	33	33	660	659
	Kembata_Tambaro	33	33	660	660
	Sidama	45	45	900	895
	Gedeo	34	33	680	658
	Wolayita	39	39	780	778

Appendix III (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
SNNP	South Omo	36	34	720	688
	Shaka	24	24	480	477
	Keffa	37	37	740	739
	Gamo_Gofa	42	42	840	817
	Bench_Maji	37	37	720	719
	Yem Specia Wereda	20	20	400	400
	Dawro	32	32	640	638
	Basketo Special Wereda.	20	20	400	395
	Konta Special Wereda.	20	20	400	399
	Siltie	30	30	600	600
	Alaba Special Wereda.	20	20	400	400
	Segen Peoples' Zone	40	40	800	797
	Region Total	583	577	11640	11496
Gambela	Agnuak	21	21	480	627
	Nuer	19	19	360	569
	Mejenger	20	20	400	598
	Etang	18	10	360	300
	Region Total	78	67	1600	1599
Harari	Harari	24	24	480	479
Dire Dawa	Dire Dawa	24	24	480	480
Country Total		2306	2236	45600	44871

APPENDIX IV

QUESTIONNAIRE

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

[illegible]

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

- 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

[illegible]

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

[illegible]

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

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Part II – List of Selected Agricultural Households and Holders

[illegible]

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

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CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2013/14 (2006 E.C.)

PART I – IDENTIFICATION PARTICULARS

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

PART II – CROP FIELD / OTHER LAND USE

15	16	17		
SER. NO.	QUESTIONS FOR THE HOLDER	PARCEL NO.	FIELD NO.	
		IS THE FIELD	PURE STAND =1	
		MIXED CROP =2	OTHER LAND USE=3	
		CROP/OTHER NAME	CROP NAME	CROP NAME
		CODE	CODE	CODE
0 1	Ownership Own = 1 Rented in =2 Other =3			
0 2	Is field under Extension Program? Yes =1 No = 2			
0 3	Is Field Irrigated? Yes =1 No =2			
0 4	If Field Irrigated source of water River =1 Lake =2 Pond =3 Harvested water = 4 other =5			
0 5	Is the Field Prevented from Erosion Yes = 1 No = 2			
0 6	If yes in #5, common way of prevention Terracing = 1 Water catchments =2 Afforestation = 3 Plough along the cont. = 4 Other =5			
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 Chemical type used if any Pesticide =1 herbicide =2 Fungicide =3 1&2 = 4 1 & 3 = 5 2 & 3 = 6 All = 7			
2 0	Is Fertilizer Used? Yes =1 No = 2			
2 2	Type of fertilizer used if any? Natural = 1 Chemical = 2 Both = 3			
	If chemical fertilizer used 23.1 Type UREA = 1 DAP = 2 Both = 3			
2 3	23.2 Quantity of chemical fertilizer used	Kilo Gram		
2 4	If natural fertilizer used, type Manure = 1 Compost = 2 Organic = 3 1 & 2 = 4 1&3 = 5 2 & 3 = 6 All = 7 others = 8			
2 5	How often is temporary crop field used in Meher (main) season?			
2 6	If twice in #24 which crop is the 2 nd harvest?	Crop name code Crop name code Crop name code		
2 7	What was the previous state of the field ? Fallow =1 crop field =2 Virgin =3 Rented in cropfield =4 other =5			

PART 3A: RESULTS OF AREA MEASUREMENTS using GPS

18	19	20	21	22	23	24	25
GPS Accuracy during field measurement	Is the field measured? yes =1 No =2						
	Area of measured field		Is the field Flat =1 Partially Sloppy = 2 Sloppy = 3	Code	If the field covered? None , 1 With plant / permanent crop = 2 With house = 3 Partially covered , 4 Others , 5	Code	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			

CENTRAL STATISTICAL AUTHORITY
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PART I – IDENTIFICATION PARTICULARS

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

PART II – MISCELLANEOUS QUESTIONS FOR THE HOLDER

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

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CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2013/14 (2006 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		Sex M = 1 F = 2	Educational Level Highest grade Completed	Household Size	Holding type Crop = 1 Livestock = 2 Both = 3
								Name	Age				

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?			Crop Stand Pure stand = 1 Mixed = 2 code
													Yes = 1 No = 2 Code	If yes Cause of damage Code	Percent of crop damaged	