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CENTRAL STATISTICAL AGENCY

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VOLUME I

REPORT ON

AREA AND PRODUCTION OF MAJOR CROPS

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

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STATISTICAL BULLETIN

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ABBREVIATIONS: CV – COEFFICIENT OF VARIATION

E.C. – ETHIOPIAN CALENDAR

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

PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1. INTRODUCTION

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

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

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

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

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

1.2. OBJECTIVES OF THE SURVEY

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

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

PART II

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

2.1. SCOPE AND COVERAGE OF THE SURVEY

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

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

To be covered by the survey, a total of 2,290 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 17 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,273 EAs (99.25 %) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 47,080 agricultural households, however, 45,575 (98. 9 %) were actually covered by the survey.

2.2 SAMPLING FRAME

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

2.3 SAMPLE DESIGN

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

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

2.4 SELECTION SCHEME

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

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

2.5. ORGANIZATION OF FIELD WORK

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

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

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

2.6. TRAINING OF FIELD STAFF

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

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

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

2.7. METHOD OF DATA COLLECTION

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

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

2.8. DATA PROCESSING

a) Editing, Coding and Verification

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

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

b) Data Entry, Cleaning and Tabulation

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

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

2.9. CONCEPTS AND DEFINITIONS

Data items of agriculture have to be distinctly defined and identified, so that the information about the items becomes useful. The correct way of stating data items and related terms is a prerequisite for making standards and definitions for the collection and compilation of agricultural data. The purpose of using standard concepts and definitions is not only to provide quality data but also to ensure that the right items are enumerated and measured accurately to reflect the agricultural situation.

Standard concepts and definitions used in the survey help to maintain consistent enumeration and measurement of variables of interest. To achieve this, CSA communicates concepts and definitions to the field staff through training and instruction manuals. The concepts and definitions used in the survey included the following.

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

Household: a household may be either:

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

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

Agriculture: - The growing of crops and/or raising of animals for own consumption and /or sale.

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

Holding: - a holding is all the land and /or livestock kept, which is used wholly or partly for agricultural production and is operated as one legal entity by one person alone, or with others with out regard to management, organization, size or location.

Holder: - a holder is a person who exercises management control over the operation of the agricultural holding and makes the major decision regarding the utilization of the available resources. He/she has primary technical and economic responsibility for the holding. He/she may operate the holding directly as an owner or a manager. Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or with out the help of others, operates land and/or raises livestock in his/ her own right, i.e. the person who decides on which, where, when, and how to grow crops or raise livestock or both and has the right to determine the utilization of the products.

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

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

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

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

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

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

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

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

Note:-

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

3.In all tables "-" indicates not reported.

PART III

SUMMARY OF SURVEY RESULTS

3.1 INTRODUCTION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

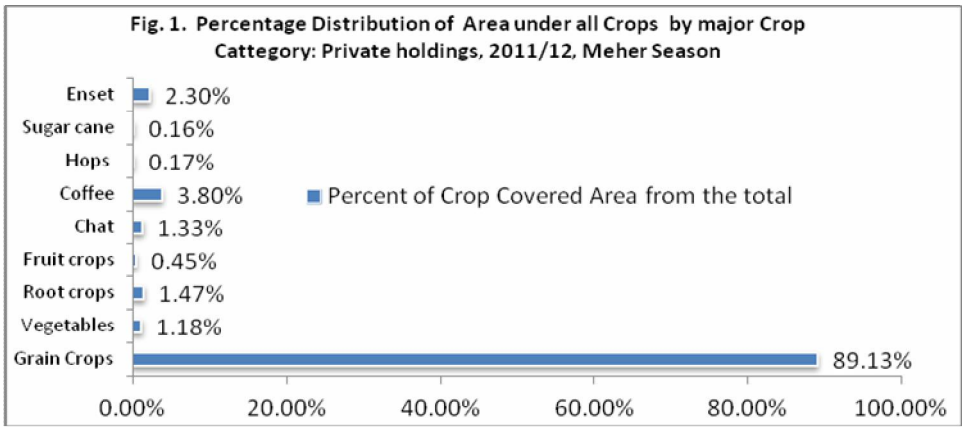
The survey results show that the private peasant holders grow various crops for own consumption and/ or economic benefits. Pulses are also among the various crops produced in all the regions of the country after cereals. Pulses are grown in different volumes across the country as indicated in Table 2.

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

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

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

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



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

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

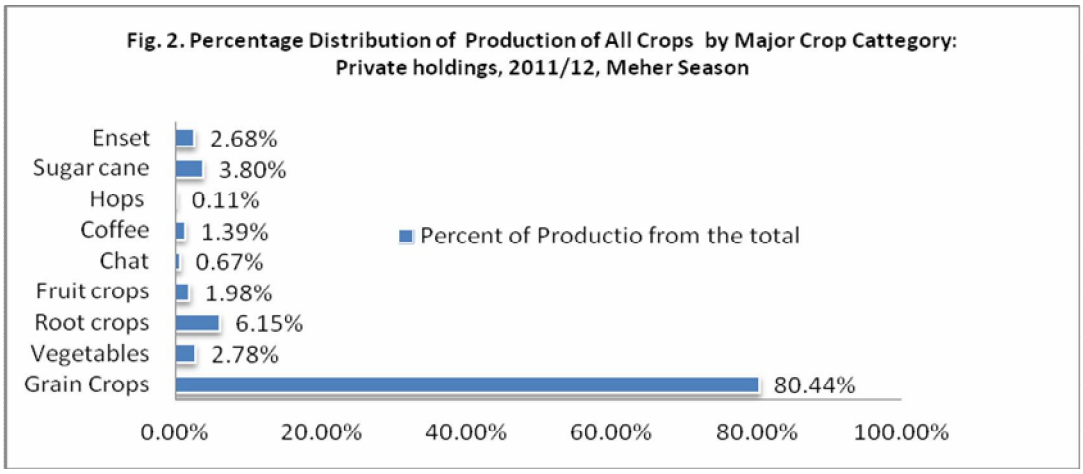
Table 2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2011/12 (2004 E.C.)

Ethiopia

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

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

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



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

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

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

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

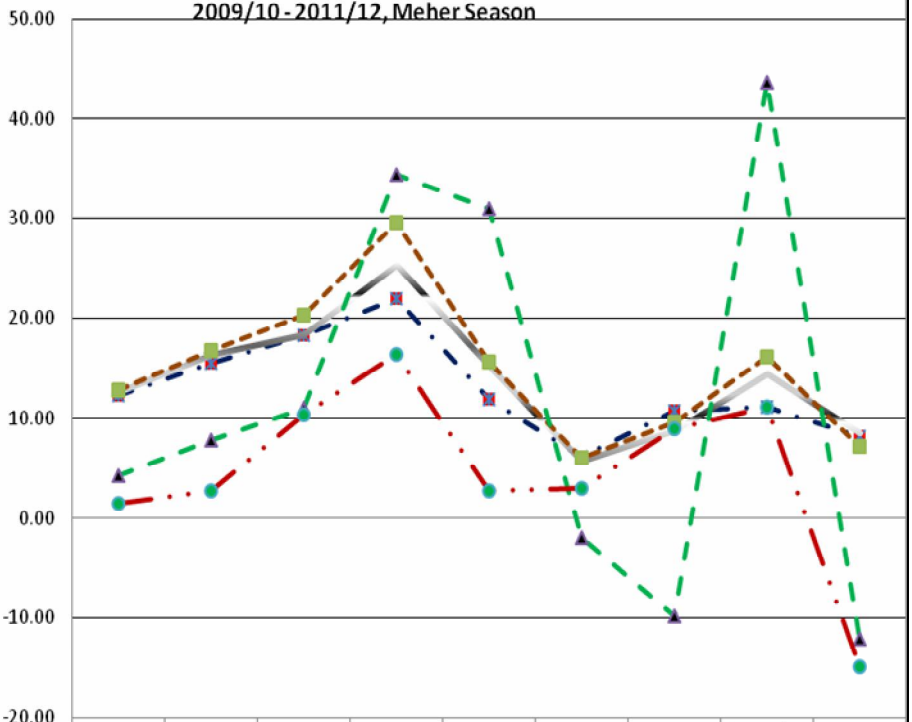
In this section of the report an attempt has been made to compare the post-harvest crop productivity estimates of selected important food crops obtained from the 2011/12 (2004 E.C.) Agricultural Sample Survey with last year i.e. 2009/10 crop yield estimates of the same crops.

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

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

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

Figure 3. Trends of estimated Crop Yield of selected Major Food crops 2009/10 - 2011/12, Meher Season



	Teff	Barley	Wheat	Maize	Faba B.	Neug	Linseed	Groundnut	Sesame
2009/10 Yield Estimates	12.28	15.50	18.27	21.99	11.93	6.15	10.74	11.17	8.25
2010/11 Yield Estimates	12.62	16.28	18.39	25.40	15.20	5.85	8.88	14.44	8.52
2011/12 Yield Estimates	12.81	16.72	20.29	29.54	15.62	6.03	9.68	16.05	7.25
% Ch. Over 2009/10	4.32	7.87	11.06	34.33	30.93	-1.95	-9.87	43.69	-12.12
% Ch. Over 2010/11	1.51	2.70	10.33	16.30	2.76	3.08	9.01	11.15	-14.91

Conversely, with regard to estimated crop yield, crops such as maze, teff, barely and wheat within the category of cereals have shown an increment, that ranges from 34**.33** % and 16.30 % for maize to **4.32**% and 1.51%for teff over the 2009/10 and 2010/11 Post-harvest estimates. Similarly crops such as faba beans, lnseed an ground nuts have shown an increment that ranges from **43.69**% and 11.15 % for ground nuts to 30.93% and 2.76% for faba beans over 2009/10 and 2010/11 estimates, in that order. (See Figure 3).

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

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

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

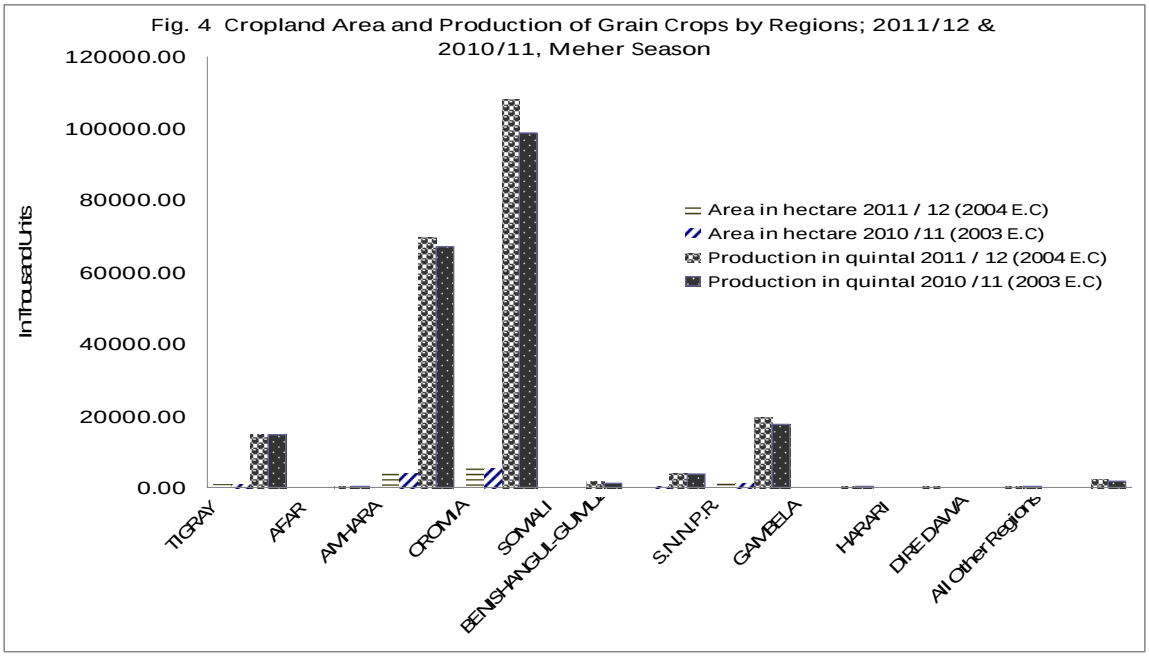


Table 4 - Estimate of Area, Production and Yield of Crops for 2009/10 (2002 E.C) and 2011/12 (2004 E.C.), Meher Season

Ethiopia

Crop	Area in hectare			Production in quintal			Yield (quintal / hectare)		
	2011 / 12 (2004 E.C)	2010 /11 (2003 E.C)	% Change	2011 / 12 (2004 E.C)	2010 /11 (2003 E.C)	% Change	2011 / 12 (2004 E.C)	2010 /11 (2003 E.C)	% Change
Grain crops	**12,086,603.89**	***11,822,786.***	***2.23***	***218,570,429.67***	***203,485,288.33***	***7.41***			
Cereals	**9,588,923.71**	***9,690,733.***	***-1.05***	***188,099,616.95***	***177,613,365.84***	***5.90***			
Teff	2,731,111.67	*2,761,190.*	*-1.09*	*34,976,894.64*	*34,834,826.26*	*0.41*	*12.81*	*12.62*	*1.51*
Barley	948,107.43	*1,046,555.*	*-9.41*	*15,852,869.21*	*17,033,465.36*	*-6.93*	*16.72*	*16.28*	*2.70*
Wheat	1,437,484.73	*1,553,239.*	*-7.45*	*29,163,336.88*	*28,556,817.43*	*2.12*	*20.29*	*18.39*	*10.33*
Maize	2,054,723.69	*1,963,179.*	*4.66*	*60,694,130.14*	*49,861,254.95*	*21.73*	*29.54*	*25.40*	*16.30*
Sorghum	1,923,717.49	*1,897,733.*	*1.37*	*39,512,942.36*	*39,598,973.86*	*-0.22*	*20.54*	*20.87*	*-1.58*
Finger millet	432,561.00	*408,110.*	*5.99*	*6,518,509.00*	*6,348,257.88*	*2.68*	*15.07*	*15.56*	*-3.15*
Oats / 'Aja'	30,568.39	*30,858.*	*-0.94*	*494,749.24*	*475,650.57*	*4.02*	*16.18*	*15.41*	*5.00*
Rice	30,649.30	*29,866.*	*2.62*	*886,185.47*	*904119.53*	*-1.98*	*28.91*	*30.27*	*-4.49*
Pulses	**1,616,809.37**	***1,357,522.***	***19.10***	***23,162,012.43***	***19,531,935.01***	***18.59***			
Faba beans	457,559.94	*459,183.*	*-0.35*	*7,147,960.23*	*6,977,983.87*	*2.44*	*15.62*	*15.20*	*2.76*
Field peas	212,890.15	*203,990.*	*4.36*	*2,632,663.87*	*2,570,314.09*	*2.43*	*12.37*	*12.60*	*-1.83*
Haricot beans	331,708.15	*237,366.*	*39.75*	*3,878,023.01*	*3,402,795.18*	*13.97*	*11.69*	*14.34*	*-18.48*
Chick-peas	231,298.54	*208,388.*	*10.99*	*4,002,077.19*	*3,228,388.27*	*23.97*	*17.3*	*15.49*	*11.68*
Lentils	109,895.27	*77,334.*	*42.10*	*1,280,087.87*	*809,517.33*	*58.13*	*11.65*	*10.47*	*11.27*
Grass peas	179,866.13	*131,043.*	*37.26*	*3,055,753.10*	*2,009,485.58*	*52.07*	*16.99*	*15.33*	*10.83*
Soya beans	19,397.16	*11,261.*	*72.25*	*358,802.94*	*158244.22*	*126.74*	*18.5*	*14.05*	*31.67*
Fenugreek	39,964.58	*14,670.*	*172.42*	*362,939.17*	*179,052.29*	*102.70*	*9.08*	*12.21*	*-25.63*
Gibto	34,229.45	*14,284.*	*139.63*	*443,705.05*	*196,154.18*	*126.20*	*12.96*	*13.73*	*-5.61*
Oilseeds	**880,870.81**	***774,529.***	***13.73***	***7,308,800.29***	***6,339,987.49***	***15.28***			
Neug	309,010.72	*247,611.*	*24.80*	*1,863,205.76*	*1,448,474.82*	*28.63*	*6.03*	*5.85*	*3.08*
Linseed	116,541.40	*73,687.*	*58.16*	*1,127,607.00*	*654,205.76*	*72.36*	*9.68*	*8.88*	*9.01*
Groundnuts	64,476.52	*49,602.*	*29.99*	*1,034,787.88*	*716,068.37*	*44.51*	*16.05*	*14.44*	*11.15*
Safflower	8,168.96	*5,489.*	*48.80*	*88,702.51*	*50,667.88*	*75.07*	*10.86*	*9.23*	*17.66*
Sesame	337,505.41	*384,682.*	*-12.26*	*2,447,833.59*	*3,277,409.22*	*-25.31*	*7.25*	*8.52*	*-14.91*
Rape seed	45,167.81	*13,455.*	*235.69*	*746,663.56*	*193,161.43*	*286.55*	*16.53*	*14.36*	*15.11*
Vegetables	**160,050.33**	***126,675.***	***26.35***	***7,557,282.01***	***6,756,055.79***	***11.86***			
Lettuce	163.54	*48.*	*235.40*	*4,039.85*	*2,029.02*	*99.10*	*24.7*	*41.61*	*-40.64*
Head cabbage	4,802.90	*2,138.*	*124.62*	*434,839.43*	*194,634.78*	*123.41*	*90.54*	*91.02*	*-0.53*
Eth. Cabbage	31,783.56	*29,815.*	*6.60*	*3,231,804.87*	*3,316,365.11*	*-2.55*	*101.68*	*111.23*	*-8.59*
Tomatoes	7,255.93	*5,337.*	*35.93*	*817,380.54*	*556,351.41*	*46.92*	*112.65*	*104.22*	*8.09*
Green peppers	6,970.87	*5,789.*	*20.41*	*657,668.37*	*577,726.84*	*13.84*	*94.35*	*99.80*	*-5.46*
Red peppers	108,805.96	*83,416.*	*30.44*	*2,394,540.56*	*2,098,721.25*	*14.10*	*22.01*	*25.16*	*-12.52*
Swiss chard	267.57	*130.*	*105.57*	*17,008.38*	*10,227.39*	*66.30*	*63.57*	*78.58*	*-19.10*
Root crops	**199,899.80**	***214,346.***	***-6.74***	***16,710,299.57***	***19,155,610.11***	***-12.77***			
Beetroot	2,484.96	*1,429.*	*73.81*	*245,430.49*	*144,293.51*	*70.09*	*98.77*	*100.92*	*-2.13*
Carrot	*	*2,214.*	*	*135,502.63*	*123,457.63*	*9.76*	*	*55.74*	*
Onion	30,478.35	*22,035.*	*38.31*	*3,281,574.18*	*2,369,221.60*	*38.51*	*107.67*	*107.52*	*0.14*
Potatoes	59,508.67	*54,006.*	*10.19*	*4,754,405.46*	*4,473,334.87*	*6.28*	*79.89*	*82.83*	*-3.55*
Garlic	13,278.55	*10,690.*	*24.21*	*1,239,614.63*	*1,284,409.36*	*-3.49*	*93.35*	*120.15*	*-22.31*
Taro / 'Godere'	39,695.59	*42,270.*	*-6.09*	*3,152,420.66*	*3,397,399.42*	*-7.21*	*79.41*	*80.37*	*-1.19*
Sweet potatoes	51,313.22	*81,697.*	*-37.19*	*3,901,351.52*	*7,363,493.72*	*-47.02*	*76.03*	*90.13*	*-15.64*
Fruit crops	**61,472.74**	***54,646.***	***12.49***	***5,393,387.63***	***4,862,760.13***	***10.91***	***87.74***		
Avocados	9,023.91	*7,212.*	*25.12*	*730,968.04*	*572,989.66*	*27.57*	*81*	*79.45*	*1.95*
Bananas	35,869.31	*31,885.*	*12.49*	*2,912,576.89*	*2,705,715.16*	*7.65*	*81.2*	*84.86*	*-4.31*
Guavas	1,357.15	*1,834.*	*-26.03*	*22,149.99*	*30,143.07*	*-26.52*	*16.32*	*16.43*	*-0.67*
Lemons	894.36	*495.*	*80.41*	*81,602.96*	*45,929.27*	*77.67*	*91.24*	*92.65*	*-1.52*
Mangoes	8,058.28	*7,512.*	*7.26*	*727,528.60*	*656,516.76*	*10.82*	*90.28*	*87.39*	*3.31*
Oranges	3,609.67	*3,228.*	*11.79*	*487,504.78*	*439,792.40*	*10.85*	*135.06*	*136.20*	*-0.84*
Papayas	2,496.41	*2,238.*	*11.51*	*425,733.33*	*402,453.64*	*5.78*	*170.54*	*179.77*	*-5.13*
Pineapples	163.66	*237.*	*-31.15*	*5,323.03*	*	*	*32.52*	*	*
Chat	**179,775.63**	***204,648.***	***-12.15***	***1,807,264.64***	***2,030,854.17***	***-11.01***	***10.05***	***9.92***	***1.31***
Coffee	**515,882.46**	***498,617.***	***3.46***	***3,768,231.72***	***3,705,694.44***	***1.69***	***7.3***	***7.43***	***-1.75***
Hops	**22,563.75**	***21,669.***	***4.13***	***289,006.65***	***280,861.18***	***2.90***	***12.81***	***12.96***	***-1.16***
Sugar cane	**22,119.93**	***23,341.***	***-5.23***	***10,335,863.41***	***11,877,738.33***	***-12.98***	***467.26***	***508.87***	***-8.18***
Enset	**312,171.98**	***301,978.***	***3.38***	***7,288,686.96***	***6,948,102.45***	***4.90***	***23.35***	***23.01***	***1.48***

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

Tigray

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

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

North West Tigray

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

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

Central Tigray

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

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

East Tigray ****

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

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

South Tigray

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

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

Western Tigray

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

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

Afar Region

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

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

Zone 1

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

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

Zone 3

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

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

Amhara Region

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

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

North Gondar

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

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

South Gondar

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

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

North Wolo

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

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

South Wolo

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

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

North Shewa

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

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

East Gojjam

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

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

West Gojjam

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

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

Waghemra

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

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

Awi

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

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

Oromia Zone

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

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

Argoba Special

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

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

Oromia Region

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

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

West Welega

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

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

East Welega

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

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

Illubabor

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

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

Jimma

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

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

West Shewa

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

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

North Shewa

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

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

East Shewa

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

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

Arsi

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

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

West Harerge

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

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

East Harerge

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

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

Bale

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

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

Borena

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

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

South West Shewa

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

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

Guji

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

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

Kelem

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

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

Horoguduru

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

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

West Arsi

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

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

Somali Region

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

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

Shinele

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

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

Jijiga

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

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

Liben

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

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

Benishangul-Gumuz Region

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

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

Metekel

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

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

Asosa

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

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

Kemashi

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

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

Mao Komo

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

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

S.N.N.P. Region

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

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

Gurage

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

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

Hadiya

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

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

Kembata - Tembaro

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

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

Sidama

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

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

Gedio

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

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

Wolayita

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

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

South Omo

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

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

Sheka

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

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

Keffa

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

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

Gamo Gofa

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

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

Benchi - Maji

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

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

Yem Special Wereda

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

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

Amaro Special Wereda

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

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

Burji Special Wereda

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

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

Konso Special Wereda

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

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

Derashe Special Wereda

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

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

Dawro

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

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

Basketo Special Wereda

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

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

Konta Special Wereda

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

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

Silitie

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

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

Alaba Special Wereda

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

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

Gambela Region

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

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

Agnuwak

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

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

Nuware

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

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

Mezhenger

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

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

Itang Special

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

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

Harari

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

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

Dire Dawa

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

APPENDIX I

ESTIMATION PROCEDURES OF TOTAL, RATIO AND SAMPLING ERRORS

APPENDIX I Estimation Procedures of Totals, Ratios and Sampling Errors

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

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

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

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

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h[th] stratum.

M_h is the measure of size of the h[th] stratum as obtained from the sampling frame.

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

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

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

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

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

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

2. For estimating Total Production under Specific Crop:

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

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

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

$\hat{\mathrm{P}}_h$ 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.

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

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

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

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.

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

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

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

5. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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

APPENDIX II

STANDARD ERRORS AND COEFFICIENTS OF VARIATION OF ESTIMATES

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

Ethiopia

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

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

Tigray

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

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

Afar

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

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

Amhara

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

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

Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	5,492,725.53	122,333.42	2.23	108,089,194.20	3,085,934.68	2.85
Cereals	4,457,075.63	101,096.41	2.27	95,017,909.86	2,822,294.92	2.97
Teff	1,293,514.25	57,873.46	4.47	16,765,432.75	977,115.26	5.83
Barley	460,544.73	34,244.96	7.44	8,720,510.15	776,777.09	8.91
Wheat	740,810.94	48,766.54	6.58	16,759,339.68	1,328,714.79	7.93
Maize	1,102,256.20	47,762.59	4.33	34,828,992.90	1,887,723.07	5.42
Sorghum	743,379.32	43,409.98	5.84	16,267,374.41	1,169,936.68	7.19
Finger millet	87,061.51	7,766.50	8.92	1,183,627.22	140,228.29	11.85
Oats / 'Aja'	27,343.84	4,242.71	15.52	450,432.86	78,288.59	17.38
Rice	2,164.83	776.97	35.89	42,199.90	18,261.45	43.27
Pulses	636,575.27	31,104.02	4.89	9,753,494.13	567,327.01	5.82
Horse beans	185,910.75	12,163.85	6.54	3,201,412.72	252,232.63	7.88
Field peas	85,958.69	7,660.54	8.91	1,121,530.77	118,306.24	10.55
Haricot beans	153,814.40	15,531.59	10.1	1,948,426.10	208,837.38	10.72
Chick-peas	87,721.26	11,603.33	13.23	1,629,503.93	245,714.67	15.08
Lentils	36,827.56	5,732.68	15.57	481,709.86	89,501.50	18.58
Vetch	58,085.55	10,379.55	17.87	1,013,841.11	202,552.24	19.98
Soya beans	10,679.44	5,156.62	48.29	202,393.85	105,992.87	52.37
Fenugreek	17,347.91	4,196.41	24.19	154,675.79	39,617.41	25.61
Gibto	229.7	224.07	97.55	-	-	-
Oilseeds	399,074.64	25,946.65	6.5	3,317,790.21	272,835.27	8.22
Neug	193,175.26	17,177.60	8.89	1,087,003.21	123,089.46	11.32
Linseed	69,996.56	9,537.08	13.63	818,504.03	152,847.27	18.67
Groundnuts	42,348.13	10,045.07	23.72	633,202.38	152,609.80	24.1
Safflower	853.19	479.7	56.22	4,757.63	1,269.99	26.69
Sesame	78,748.66	14,891.47	18.91	552,783.96	119,237.09	21.57
Rape seed	13,952.84	1,651.08	11.83	221,539.00	35,059.69	15.83

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

Somale

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

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

Benishangul - Gumuz

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

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

S.N.N.P.R.

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	1,100,253.47	43,011.00	3.91	19,434,595.15	1,015,423.76	5.22
Cereals	900,512.38	40,171.27	4.46	17,149,131.51	976,633.44	5.69
Teff	257,794.70	19,104.75	7.41	2,937,669.54	262,488.33	8.94
Barley	82,305.24	8,212.17	9.98	1,136,517.42	133,886.71	11.78
Wheat	125,303.57	11,020.95	8.8	2,581,402.88	278,535.45	10.79
Maize	306,431.17	23,129.95	7.55	8,447,232.48	718,051.99	8.5
Sorghum	122,731.01	9,585.23	7.81	1,967,158.93	161,166.49	8.19
Finger millet	4,097.68	666.71	16.27	51,115.67	8,446.81	16.52
Oats / 'Aja'	450.16	126.04	28	6,670.83	2,542.78	38.12
Rice	1,398.85	1,145.59	81.9	21,363.76	18,506.40	86.63
Pulses	193,322.53	9,148.63	4.73	2,251,203.98	132,284.40	5.88
Horse beans	58,354.57	4,304.47	7.38	779,128.08	64,930.70	8.33
Field peas	41,779.22	4,294.91	10.28	472,959.29	58,798.92	12.43
Haricot beans	88,192.88	6,473.93	7.34	953,295.66	88,081.20	9.24
Chick-peas	3,307.74	985.69	29.8	32,127.71	13,062.95	40.66
Lentils	905.61	197.16	21.77	9,730.80	3,151.29	32.38
Vetch	240.51	109.1	45.36	526.27	374.42	71.15
Soya beans	129.19	62.51	48.39	81.52	65.22	80.01
Fenugreek	339.77	128.07	37.69	3,242.40	1,697.96	52.37
Gibto	73.03	32.04	43.88	112.25	102.78	91.56
Oilseeds	6,418.57	1,124.40	17.52	34,259.67	5,417.70	15.81
Neug	701.31	365.18	52.07	3,210.95	1,854.54	57.76
Linseed	1,416.11	361.14	25.5	6,804.00	1,672.87	24.59
Groundnuts	873.27	367.6	42.09	7,595.28	3,017.55	39.73
Safflower	265.44	85.21	32.1	3,468.70	1,462.12	42.15
Sesame	2,374.35	883.09	37.19	7,889.60	3,351.12	42.48
Rape seed	788.09	335.27	42.54	5,291.14	1,530.40	28.92

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

Gambela

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

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

Harari

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

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

Dire Dawa

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

APPENDIX III

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

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

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

Appendix III(a) (Continued…)

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

Appendix III(a) (Continued…)

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

APPENDIX IV

QUESTIONNAIRE

Ag.S.S. Form **2004**/0

Central Statistical Agency
National Integrated Household Survey
Agricultural Sample Survey, 2011/12 (2004 E.C.)

Part I - Identification Particulars

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

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

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

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

1.Total Number of Agricultural Households_____
2. Random Interval _____
3. Random Start _____

_____ page(s) out of _____ pages

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

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

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

1.Total Number of Agricultural Households_____

2. Random Interval _____

3. Random Start _____

_____ Page(s) out of _____ pages

Ag.S.S, Form 2004/1

Central Statistical Agency
National Integrated Household Survey
Agricultural Sample Survey, 2011/12 (2004 E.C.)

Part I - Identification Particulars

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

Part II – List of Selected Agricultural Households and Holders

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

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

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Part II – List of Selected Agricultural Households and Holders

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

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

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Form AgSS 2004/2A

CENTRAL STATISTICAL AUTHORITY

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

PART I – IDENTIFICATION PARTICULARS

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

PART II – CROP FIELD / OTHER LAND USE

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

PART 3A: RESULTS OF AREA MEASUREMENTS using GPS

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

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

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

For fields selected	Selected corner number		Shortest side length		Random number	
For crop cutting	Shortest side Bearing		Longest side length		Random number	

	Name	**Signature**	**Date**
Data collector			
Field Supervisor			

Form AgSS2004/2B

CENTRAL STATISTICAL AUTHORITY

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

PART I – IDENTIFICATION PARTICULARS

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

PART II – MISCELLANEOUS QUESTIONS FOR THE HOLDER

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

Form AgSS. 2004/4

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

Part I – Identification Particular

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

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

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

Form AgSS. 2004/5

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

Part I – Identification Particular

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

Part II – Temporary Crop Cutting Results

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