THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY
2008 / 2009 (2001 E.C.)

(September – December 2008)

VOLUME I

REPORT ON

AREA AND PRODUCTION OF CROPS

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

ADDIS ABABA
MAY, 2009

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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 2008/09 (2001 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, 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 2008/09 (2001 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 2008/9 (2001 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. Accordingly the survey took in to account of all parts of Harari, Dire Dawa, and **68** Zones / Special weredas (that are treated as zones) of other 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 48 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2242 EAs (97 %) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 45,800 agricultural households, however, 44,922 (98 %) were actually covered by the survey.

2.2 SAMPLING FRAME

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

2.3 SAMPLE DESIGN

In order to select the sample a stratified two-stage cluster sample design was implemented. Enumeration areas (EAs) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households.

The sample size for the 2008/09 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.

Except Harari, and Dire Dawa, where each region as a whole was taken to be the domain of estimation; each zone of a region / special wereda was adopted as a stratum 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 1999 E.C cartographic 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 Department of Regional Offices and Field Operations 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 2384 enumerators, 529

field supervisors, 46 coordinators and 62 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 Head Quarters of CSA 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 12 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 and interviewing methods.

2.7. METHOD OF DATA COLLECTION

The agricultural data for the year 2008/09(2001 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 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.

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 54 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 21 days.

b) Data Entry, Cleaning and Tabulation

Before data entry, the Natural Resources and Agricultural Statistics Department 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 90 data encoders, 10 data encoder supervisors, 13 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 Natural Resources and Agricultural Statistics Department. 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 Data processing Department.

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.

PART III

SUMMARY OF SURVEY RESULTS

3.1 AREA & PRODUCTION

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.

3.1.1 Cereals: - these are the major food crops both in terms of the area they are planted to 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 1 well underpin this finding of the survey.

Out of the total grain crop area, 78.23% (8.8 million hectares) was under cereals. Teff, maize, wheat and sorghum took up 22.13% (about 2.5 million hectares), 15.77% (about 1.8 million hectares), 12.97% (1.5 million hectares) and 14.41% (1.6 million hectares) of the grain crop area, respectively. As to production, the tables paint similar picture as that of the area. Cereals contributed 84.69% (about 144.96 million quintals) of the grain production. Maize, wheat, Teff and sorghum made up 22.97% (39.32million quintals), 14.83% (25.37 million quintals), 17.69% (30.28 million quintals) and 16.38% (28.04 million quintals) of the grain production, in the same order.

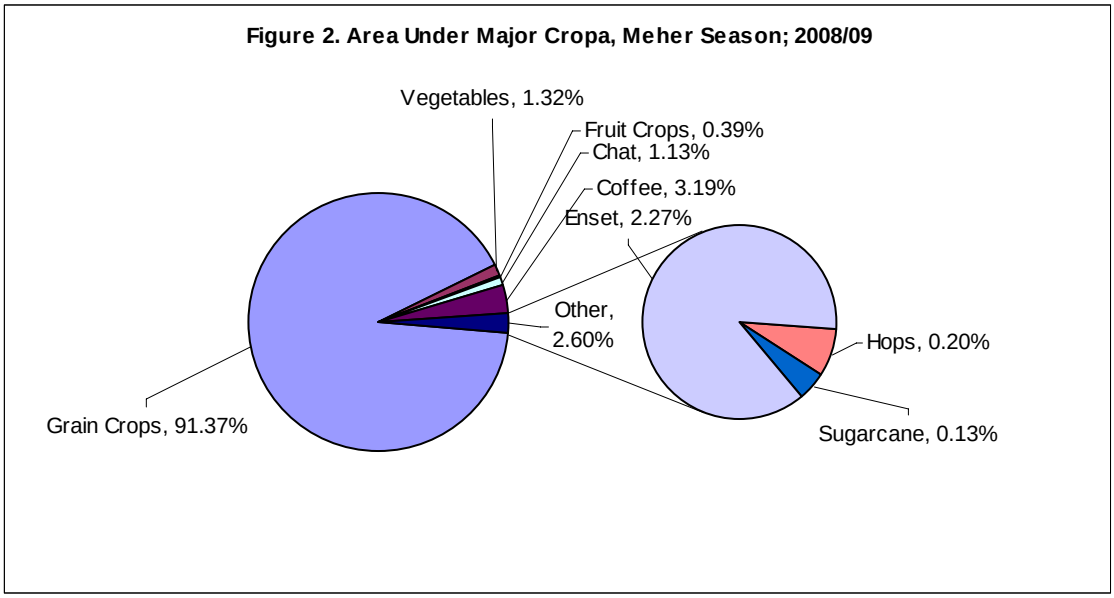
Note:-

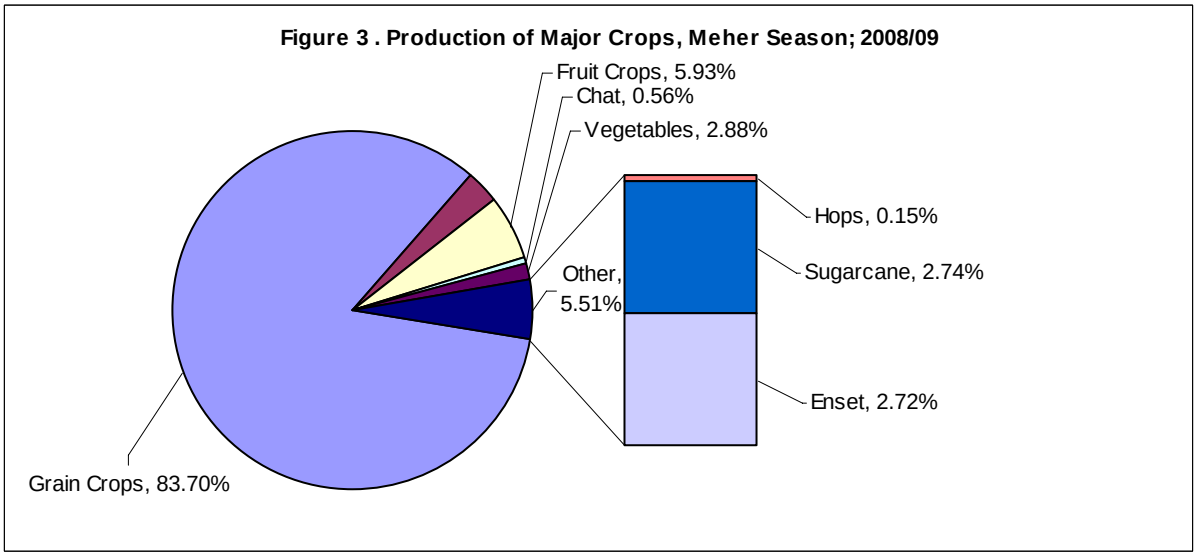
1. If in some tables figures do not add up to total it is due to rounding
2. Those area and production designated by "*" in all tables could not be reported because of high coefficient of variation (i.e. they are less reliable). However, they are consolidated in the total estimates.
3. In all tables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

Table 1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Ethiopia

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	12230803	11210501	171167405	
Cereals.....	11920882	8770118	144964059	
Teff.....	5805045	2481333	30280181	12.2
Barley.....	3986092	977756.7	15194042	15.54
Wheat.....	4205702	1453817	25376398	17.46
Maize.....	7950376	1768122	39325217	22.24
Sorghum.....	4455224	1615297	28043510	17.36
Finger millet.....	1456605	408098.5	5603044.7	13.73
Oats/'Aja'.....	264541	30604.84	427729.25	13.98
Rice.....	80500	35088.28	713937.35	20.35
Pulses.....	7090955	1585236	19646301	
Faba beans..... .	3841587	538820.5	6959836.9	12.92
Field peas.....	1658355	230749.2	2670932.5	11.58
Haricot beans.....	2457059	267069.5	3297753.2	12.35
Chick-peas.....	1025690	233440.4	3120800.3	13.37
Lentils.....	700213	94945.5	947734.03	9.98
Vetch.....	774051	159731.5	2021255.5	12.65
Soya beans.....	61751	6236.04	78988.92	12.67
Fenugreek.....	621894	33773.59	376588.64	11.15
Gibto.....	113453	20469.4	172411.38	8.42
Oilseeds.....	3286866	855147.5	6557044.2	
Neug.....	1141552	313445.1	1907522.5	6.09
Linseed.....	1173480	180872.7	1560792.8	8.63
Groundnuts.....	225596	41761.12	468871.63	11.23
Sunflower.....	152080	7853.14	65813.74	8.38
Sesame.....	612206	277992.3	2167406.9	7.8
Rapeseed.....	655335	33223.05	386636.6	11.64
Vegetables.....	6103078	162125	5988570.5	
Lettuce.....	59136	*	*	*
Head Cabbage.....	527947	3399.52	241334.6	70.99
Ethiopian Cabbage.....	3367191	33901.19	2815668.2	83.06
Tomatoes.....	214601	5341.58	418149.53	78.28
Green peppers.....	1202261	8580.69	658725.19	76.77
Red peppers.....	2311931	110405.9	1834026.5	16.61
Swiss chard.....	112621	243.12	6809.47	28.01
Root Crops.....	5147520	145741.9	12136043	
Beetroot.....	505570	2119.11	200927.41	94.82
Carrot.....	205637	*	134666.07	*
Onion.....	769150	15628.44	1488548.9	95.25
Potatoes.....	1090809	48113.37	3840456.9	79.82
Garlic.....	2027377	14137.37	1560476.8	110.38
Taro/'Godere'.....	1196233	30251.07	2282427.8	75.45
Sweet potatoes.....	1116141	33070.18	2628538.7	79.48
Fruit Crops.....	2817776	47990.34	3512593.2	
Avocados.....	744568	5067.49	324519.07	64.04
Bananas.....	1730673	29064.03	1943331	66.86
Guavas.....	275984	1319.58	19473.94	14.76
Lemons.....	173014	753.79	48713.27	64.62
Mangoes.....	716447	6051.22	441582.14	72.97
Oranges.....	404242	2439.67	293409.71	120.27
Papayas.....	625593	3254.31	440034.99	135.22
Pineapples.....	13079	40.24	*	*
Chat.....	2074537	138145.1	1149211.4	8.32
Coffee.....	3223355	391295.9	2602392	6.65
Hops.....	1779609	24408.89	302812.64	12.41
Sugar Cane.....	768978	15601.73	5594040.8	358.55
Enset.....	3717725	278667.5	5565898.5	19.97





3.1.2 **Pulses**: - 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 1.

Pulses grown in 2008 / 09 (2001 E.C) covered 14.14% (1.58 million hectares) of the grain crop area and 11.48% (more than 19.6 million quintals) of the grain production was drawn from the same crops. Faba beans, haricot beans, and field peas were planted to 4.81% (more than 538 thousand hectares), 2.38% (more than 267 thousand hectares) and 2.06% (about 230 thousand hectares) of the grain crop area. The production obtained from faba beans,

chick-peas, and haricot beans was 4.07% (about 6.9 million), 1.82% (about 3.1 million) and 1.93% (3.29 million) quintals of the grain production, in that order.

3.1.3 **Oilseeds:** - these are crops 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 1 underscores this point in detail.

Oilseeds added 7.63% (about 855 thousand hectares) of the grain crop area and 3.83% (about 6.6 million quintals) of the production to the national grain total. Neug, sesame and linseed covered 2.80% (about 313 thousand hectares), 2.48% (more than 277 thousand hectares) and 1.61% (more than 180 thousand hectares) of the grain crop area and 1.11% (about 1.9 million quintals), 1.27% (about 2.17 million quintals) and 0.91% (about 1.56 million quintals) of the grain production, respectively.

3.1.**4 Vegetables**- holders living near to urban centres largely practice vegetable farming. Most vegetables are not commonly practiced by the rural private peasant holders, hence the small volume of production recorded as well evidenced by the survey results. Statistical Table 1 underlines this more in the report.

Vegetables took up about 1% of the area under all crops at national level. Of all the area under vegetables 68.10% and 20.91% was under red peppers and Ethiopian Cabbage, respectively. As to production of vegetables, 30.63% and 47.02% was that of the same crops, in that order.

3.1.5 Root Crops - Some root crops like onion and garlic are indispensable to improve the taste and scent of the food we eat. Others like potatoes, sweet potatoes and taro/ Godere are among the list of major food crops that are consumed across the country. These and other economic importances prompt the peasant holders to grow many of the root crops as shown in the survey results. Table 1 substantiates this point in more details.

Root crops covered more than 1.54% of the area under all crops in the country. Potatoes, sweet potatoes and taro (‘Godere’) added 33.01%, 22.69% and 20.76% of the area to the root crop total. The same crops and onion contributed 31.65%, 21.66%, 18.81% and 12.27% to the root crop production total in the same order.

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

More than 47 thousand hectares of land is under fruit crops in Ethiopia. Bananas contributed about 60.56% of the fruit crop area followed by mangoes that contributed 12.61% of the area. More than 3.5 million quintals of fruits was produced in the country. Bananas, Papayas, mangoes and oranges took up 55.32%, 12.53%, 12.57% and 8.35% of the fruit production, respectively, as shown in Table 1.

3.1.7 Stimulant crops – Farmers engaged in growing and producing stimulant crops such as coffee and Chat are greater in number than those growing fruits. The area and production of these crops are also larger than that of fruits since they earn a considerable amount of cash for the holders. Table 1 show Chat and coffee shared 1.11% and 3.15% of the area under all crops in the country and 1.14 and 2.60 million quintals of produce was obtained from these crops in the same agricultural year respectively.

3.1.8 Sugar Cane- is grown in small areas in some parts of the country within the private peasant holdings. More than 15 thousand hectares of land was under sugar cane in the country, yielding more than 5.59 million 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.

Table 2 - Estimate of Area and Production of Grain Crops for 2007/2008 (2000 E.C) and 2008/2009 (2001 E.C), Meher Season

Region	Area in hectare			Production in quintal		
	2008 / 09 (2001 E.C)	2007 / 08 (2000 E.C)	% Change	2008 / 09 (2001 E.C)	2007 /08 (2000 E.C)	% Change
TIGRAY	885,835	878,322	0.86	12,349,722	11,789,353	4.75
AFAR	17,423	18,096	-3.72	425,491	404,805	5.11
AMHARA	3,973,611	3,862,233	2.88	56,721,904	*53610457*	5.80
OROMIA	5,073,271	4,951,938	2.45	82,384,641	78,001,206	5.62
SOMALI	75,142	78,140	-3.84	1,676,584	732,324	*
BENISHANGUL-GUMUZ	192,422	191,990	0.23	2,764,377	2,628,891	5.15
S.N.N.P.R.	964,379	945,958	1.95	14,336,202	12,821,292	11.82
GAMBELA	10,342	10,532	-1.80	244,398	195,886	24.77
HARARI	10,166	9,556	6.39	159,035	113,811	39.74
DIRE DAWA	7,909	7,957	-0.61	105,051	106,117	-1.00
ALL	**11,210,501**	**10,954,722**	**2.33**	**171,167,405**	**160,404,142**	**6.71**

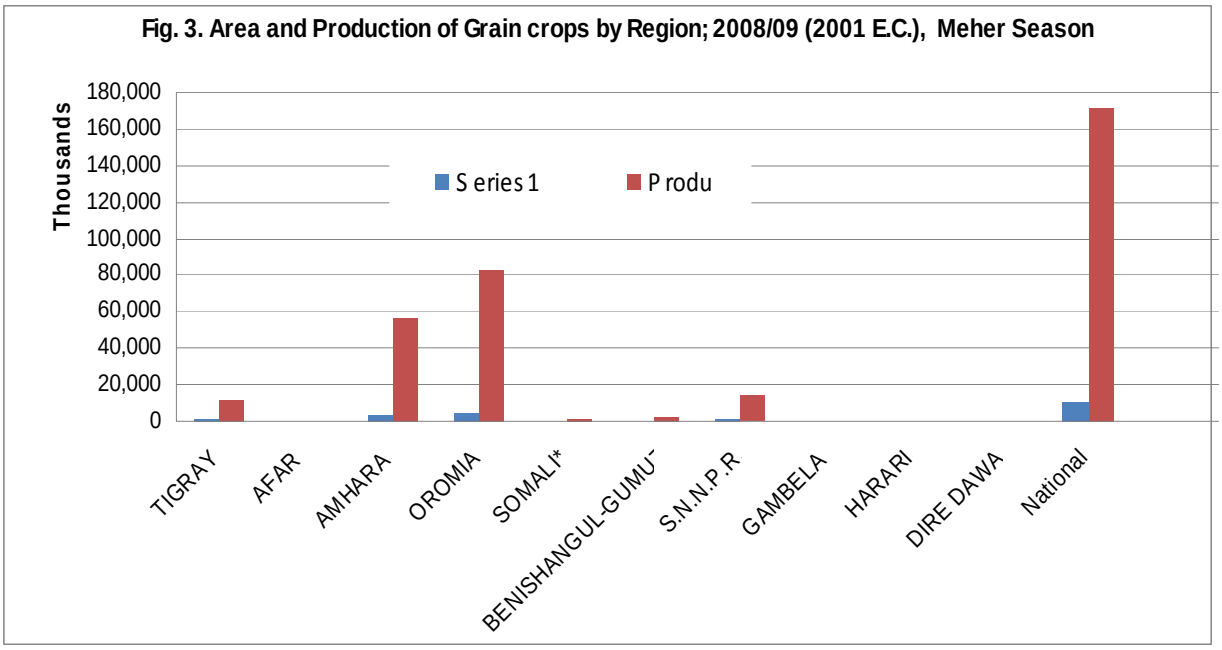


Fig. 3. Area and Production of Grain crops by Region; 2008/09 (2001 E.C.), Meher Season
Thousands
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
Series 1
Produ
TIGRAY
AFAR
AMHARA
OROMIA
SOMALI*
BENISHANGUL-GUMU
S.N.N.P.R
GAMBELA
HARARI
DIRE DAWA
National

Table 3 - Estimate of Area, Production and Yield of Crops for 2007/2008 (2000 E.C) and 2008/2009 (2001 E.C), Meher Season

Ethiopia

Crop	Area in hectare			Production in quintal			Yield (quintal / hectare)		
	2008 / 09 (2001 E.C)	2007 / 08 (2000 E.C)	% Change	2008 / 09 (2001 E.C)	2007 / 08 (2000 E.C)	% Change	2008 / 09 (2001 E.C)	2007/ 08 (2000E.C)	% Change
Grain crops	*11210501*	*10954723*	*2.33*	171167405	*160404143.50*	*6.71*			
Cereals	*8770118*	*8730001*	*0.46*	144964059	*137169906.64*	*5.68*			
Teff	*2481333*	*2565155*	*-3.27*	30280181	*29929234.99*	*1.17*	*12.20*	*11.67*	*4.54*
Barley	*977757*	*984943*	*-0.73*	15194042	*13548070.55*	*12.15*	*15.54*	*13.76*	*12.94*
Wheat	*1453817*	*1424719*	*2.04*	25376398	*23144885.23*	*9.64*	*17.46*	*16.25*	*7.45*
Maize	*1768122*	*1767389*	*0.04*	39325217	*37497490.62*	*4.87*	*22.24*	*21.22*	*4.81*
Sorghum	*1615297*	*1533537*	*5.33*	28043510	*26591292.20*	*5.46*	*17.36*	*17.34*	*0.12*
Finger millet	*408099*	*399268*	*2.21*	5603045	*5379914.64*	*4.15*	*13.73*	*13.47*	*1.93*
Oats / 'Aja'	*30605*	*30556*	*0.16*	427729	*365857.75*	*16.91*	*13.98*	*11.97*	*16.79*
Rice	*35088*	*24434*	*43.60*	713937	*713160.65*	*0.11*	*20.35*	*29.19*	*-30.28*
Pulses	*1585236*	*1517662*	*4.45*	19646301	*17827387.94*	*10.20*			
Faba beans	*538820*	*520520*	*3.52*	6959837	*6886670.09*	*1.06*	*12.92*	*13.23*	*-2.34*
Field peas	*230749*	*211798*	*8.95*	2670933	*2319343.10*	*15.16*	*11.58*	*10.95*	*5.75*
Haricot beans	*267069*	*231443*	*15.39*	3297753	*2414176.41*	*36.60*	*12.35*	*10.43*	*18.41*
Chick-peas	*233440*	*226785*	*2.93*	3120800	*2868202.41*	*8.81*	*13.37*	*12.65*	*5.69*
Lentils	*94946*	*107428*	*-11.62*	947734	*941027.30*	*0.71*	*9.98*	*8.76*	*13.93*
Grass peas	*159731*	*147172*	*8.53*	2021255	*1854900.23*	*8.97*	*12.65*	*12.6*	*0.40*
Soya beans	*6236*	*7807*	*-20.13*	78989	*84006.39*	*-5.97*	*12.67*	*10.76*	*17.75*
Fenugreek	*33774*	*38310*	*-11.84*	376589	*293520.42*	*28.30*	*11.15*	*7.66*	*45.56*
Gibto	*20469*	*26399*	*-22.46*	172411	*165541.58*	*4.15*	*8.42*	*6.27*	*34.29*
Oilseeds	*855147*	*707059*	*20.94*	6557044	*5406848.93*	*21.27*			
Neug	*313445*	*285237*	*9.89*	1907523	*1598197.41*	*19.35*	*6.09*	*5.6*	*8.75*
Linseed	*180873*	*152129*	*18.89*	1560793	*1403268.46*	*11.23*	*8.63*	*9.22*	*-6.40*
Groundnuts	*41761*	*40198*	*3.89*	468872	*446850.29*	*4.93*	*11.23*	*11.12*	*0.99*
Safflower	*7853*	*8999*	*-12.74*	65814	*80744.67*	*-18.49*	*8.38*	*8.97*	*-6.58*
Sesame	*277992*	*185912*	*49.53*	2167407	*1400578.54*	*54.75*	*7.8*	*7.53*	*3.59*
Rape seed	*33223*	*34584*	*-3.93*	386637	*477209.55*	*-18.98*	*11.64*	*13.8*	*-15.65*
Vegetables	*162125*	*119091*	*36.13*	5988571	*4719664.46*	*26.89*			
Lettuce	*	*	*	*	*	*	*	*	*
Head cabbage	*3400*	*1989*	*70.93*	241335	*117650.12*	*105.13*	*70.99*	*59.16*	*20.00*
Eth. Cabbage	*33901*	*28471*	*19.07*	2815668	*2383602.95*	*18.13*	*83.06*	*83.72*	*-0.79*
Tomatoes	*5342*	*4800*	*11.28*	418150	*338380.91*	*23.57*	*78.28*	*70.49*	*11.05*
Green peppers	*8581*	*7952*	*7.90*	658725	*623209.04*	*5.70*	*76.77*	*78.37*	*-2.04*
Red peppers	*110406*	*75341*	*46.54*	1834026	*1223996.86*	*49.84*	*16.61*	*16.25*	*2.22*
Swiss chard	*243*	*208*	*17.06*	6809	*4272.88*	*59.36*	*28.01*	*20.57*	*36.17*
Root crops	*145742*	*184329*	*-20.93*	12136043	*15309489.12*	*-20.73*			
Beetroot	*2119*	*1840*	*15.14*	200927	*169479.87*	*18.56*	*94.82*	*92.09*	*2.96*
Carrot	*	*	*	134666	*	*	*	*	*
Onion	*15628*	*18013*	*-13.24*	1488549	*1751061.71*	*-14.99*	*95.25*	*97.21*	*-2.02*
Potatoes	*48113*	*50488*	*-4.70*	3840457	*4025080.08*	*-4.59*	*79.82*	*79.72*	*0.13*
Garlic	*14137*	*9317*	*51.74*	1560477	*1035416.76*	*50.71*	*110.38*	*111.13*	*-0.67*
Taro / 'Godere'	*30251*	*38286*	*-20.99*	2282428	*2882637.27*	*-20.82*	*75.45*	*75.29*	*0.21*
Sweet potatoes	*33070*	*62358*	*-46.97*	2628539	*5264870.43*	*-50.07*	*79.48*	*84.43*	*-5.86*
Fruit crops	*47990*	*62731*	*-23.50*	3512593	*4621475.23*	*-23.99*			
Avocados	*5067*	*6473*	*-21.72*	324519	*428492.20*	*-24.26*	*64.04*	*66.19*	*-3.25*
Bananas	*29064*	*39426*	*-26.28*	1943331	*2610592.27*	*-25.56*	*66.86*	*66.22*	*0.97*
Guavas	*1320*	*1792*	*-26.37*	19474	*27023.70*	*-27.94*	*14.76*	*15.08*	*-2.12*
Lemons	*754*	*823*	*-8.36*	48713	*69739.66*	*-30.15*	*64.62*	*84.79*	*-23.79*
Mangoes	*6051*	*6731*	*-10.10*	441582	*484360.97*	*-8.83*	*72.97*	*71.96*	*1.40*
Oranges	*2440*	*3397*	*-28.18*	293410	*428072.76*	*-31.46*	*120.27*	*126.02*	*-4.56*
Papayas	*3254*	*4003*	*-18.71*	440035	*572744.73*	*-23.17*	*135.22*	*143.07*	*-5.49*
Pineapples	*40*	*87*	*-53.61*	*	*448.95*	*	*	*5.18*	*
Chat	*138145*	*163227*	*-15.37*	1149211	*1368027.29*	*-15.99*	*8.32*	*8.38*	*-0.72*
Coffee	*391296*	*407147*	*-3.89*	2602392	*2734001.33*	*-4.81*	*6.65*	*6.72*	*-1.04*
Hops	*24409*	*25214*	*-3.19*	302813	*323612.91*	*-6.43*	*12.41*	*12.83*	*-3.27*
Sugar cane	*15602*	*21482*	*-27.37*	5594041	*7817336.53*	*-28.44*	*358.55*	*363.9*	*-1.47*
Enset	*278668*	-	-	5565899	-	-	*19.97*	-	-

Table 4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	888411	885835.1	12349722	
Cereals.....	881872	707376.4	10415273	
Teff.....	524590	183376.2	2327607.8	12.69
Barley.....	408795	97460.26	1477752.7	15.16
Wheat.....	375270	101092.5	1387192.8	13.72
Maize.....	551683	64275.12	1116071.7	17.36
Sorghum.....	416053	180027.8	3055666.6	16.97
Finger millet.....	306097	79789.41	1041990.9	13.06
Oats/'Aja'.....	*	*	*	*
Rice.....	3734	564.61	5461.22	9.67
Pulses.....	468096	71708.16	836220.23	
Faba beans..... .	277726	22870.56	286246.16	12.52
Field peas.....	86753	9457.24	132335	13.99
Haricot beans.....	56647	4619.3	48258.62	10.45
Chick-peas.....	78745	13660.39	160936.76	11.78
Lentils.....	66431	8019.48	81695.17	10.19
Grass Peas.....	50335	10519.4	110161.69	10.47
Soya beans.....	5217	561.58	7242	12.9
Fenugreek.....	51420	1358	9344.83	6.88
Gibto.....	*	*	-	-
Oilseeds.....	275110	106750.5	1098228.5	
Neug.....	55158	7451.29	57416.84	7.71
Linseed.....	134869	15303.49	188045.39	12.29
Groundnuts.....	*	*	*	*
Safflower.....	4769	*	*	*
Sesame.....	114621	83658.09	849057.45	10.15
Rape seed.....	2107	*	*	*
Vegetables.....	292237	3535.64	161862.99	
Lettuce.....	2443	*	*	*
Head Cabbage.....	8894	*	*	*
Ethiopian Cabbage.....	2283	*	*	*
Tomatoes.....	26910	433.52	34607.35	79.83
Green peppers.....	88342	916.87	96233.27	104.96
Red peppers.....	190740	2089.13	25431.47	12.17
Swiss chard.....	7474	15.66	1192.65	76.16
Root Crops.....	134557	1639.94	188741.08	
Beetroot.....	*	*	-	-
Carrot.....	1640	*	*	*
Onion.....	39072	361.33	46202.44	127.87
Potatoes.....	32678	564.77	47306	83.76
Garlic.....	89567	677.56	92609.7	136.68
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	2450	*	*	*
Fruit Crops.....	51479	686.95	11209.99	
Avocados.....	2018	*	-	-
Bananas.....	7785	64.47	*	*
Guavas.....	17878	163.41	*	*
Lemons.....	18765	92.48	3139.3	33.95
Mangoes.....	4155	*	*	*
Oranges.....	9047	28.57	*	*
Papayas.....	21119	267.88	5041.25	18.82
Pineapples.....	*	*	-	-
Chat.....	*	*	-	-
Coffee.....	11225	*	-	-
Hops.....	127044	1292.57	37689.77	29.16
Sugar Cane.....	*	*	-	-
Enset.....	*	-	-	-

Table 4.1. - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

North West Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	164440	195691.4	3090497.5	
Cereals.....	164440	166443.1	2806079.7	
Teff.....	99529	40300.19	673711.48	16.72
Barley.....	9717	275.74	2164.54	7.85
Wheat.....	*	*	*	*
Maize.....	148849	25718.66	520874.08	20.25
Sorghum.....	113838	54236.67	1004331.8	18.52
Finger millet.....	122494	45594.7	602332.91	13.21
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	63065	6895.72	84240.44	
Faba beans..... .	31838	1659.72	19301.69	11.63
Field peas.....	5221	*	*	*
Haricot beans.....	14542	537.13	7977.52	14.85
Chick-peas.....	26674	3735.81	45950.38	12.3
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	-	-
Gibto.....	-	-	-	-
Oilseeds.....	76622	22352.58	200177.37	
Neug.....	23058	3636.13	23149.97	6.37
Linseed.....	18996	1984.64	15876.94	8
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	47283	16691.94	161074.71	9.65
Rape seed.....	-	-	-	-
Vegetables.....	103641	1272.19	49912.29	
Lettuce.....	*	*	*	*
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	46.75	4820.6	103.11
Green peppers.....	12242	174.36	34867.6	199.97
Red peppers.....	91356	1040.3	10215.79	9.82
Swiss chard.....	-	-	-	-
Root Crops.....	6860	*	2403.92	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	2889	9.41	937.67	99.65
Potatoes.....	*	*	*	*
Garlic.....	3716	9.16	1205.05	131.56
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	9223	106.69	4751.07	
Avocados.....	*	*	-	-
Bananas.....	*	*	-	-
Guavas.....	1825	*	-	-
Lemons.....	3651	14.62	449.76	30.76
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	5330	40.03	3984.17	99.53
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	10941	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 4.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Central Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	283329	216851.4	2903668.7	
Cereals.....	281099	191190.2	2580673.4	
Teff.....	233337	63220.16	738021.9	11.67
Barley.....	125029	17339.21	234494.94	13.52
Wheat.....	113430	19450.66	319776.84	16.44
Maize.....	207324	21535.85	322304.9	14.97
Sorghum.....	164714	48552.46	739125.59	15.22
Finger millet.....	127204	20860.46	226349.69	10.85
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	161562	17688.21	203096.83	
Faba beans..... .	126481	9637	122465.5	12.71
Field peas.....	17967	1407.7	22677.21	16.11
Haricot beans.....	26769	1272.57	11661.96	9.16
Chick-peas.....	15045	1701.08	15907.48	9.35
Lentils.....	21010	2132.81	15176.92	7.12
Grass Peas.....	10362	1099.22	12161.79	11.06
Soya beans.....	-	-	-	-
Fenugreek.....	14192	437.84	3045.98	6.96
Gibto.....	-	-	-	-
Oilseeds.....	62207	7972.95	119898.44	
Neug.....	16797	1005.7	6547.17	6.51
Linseed.....	35934	3741.38	58742.06	15.7
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	14518	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	89471	670.75	39610.56	
Lettuce.....	*	*	*	*
Head Cabbage.....	1728	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	2168	*	*	*
Green peppers.....	36978	312.3	29740.21	95.23
Red peppers.....	51750	288.83	3858.8	13.36
Swiss chard.....	*	*	*	*
Root Crops.....	46478	449.39	58401.97	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	12527	136.88	17958.25	131.2
Potatoes.....	6900	42.71	5041.87	118.05
Garlic.....	38078	262.63	34709.65	132.16
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	10164	*	-	
Avocados.....	-	-	-	-
Bananas.....	1453	*	-	-
Guavas.....	5524	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	5607	*	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	31161	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 4.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

East Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	151182	94695.52	1246781.8	
Cereals.....	150325	77430.7	1035014.9	
Teff.....	45213	8607.76	138675.87	16.11
Barley.....	125960	29021.38	423051.05	14.58
Wheat.....	122379	29701.81	312354.56	10.52
Maize.....	49302	3472.09	50994.17	14.69
Sorghum.....	21640	4030.37	*	*
Finger millet.....	18692	2597.28	34861.85	13.42
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	95217	14363.12	172572.72	
Faba beans..... .	54593	3172.63	39047.31	12.31
Field peas.....	39904	4714.71	68832.89	14.6
Haricot beans.....	*	*	*	*
Chick-peas.....	8220	1448.6	16827.64	11.62
Lentils.....	12143	965.15	9919.32	10.28
Grass Peas.....	17998	3754.12	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	15872	222.04	1230.21	5.54
Gibto.....	-	-	-	-
Oilseeds.....	31288	2901.7	39194.13	
Neug.....	*	*	*	*
Linseed.....	29567	2884.04	39026.25	13.53
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	36733	335.07	30083.93	
Lettuce.....	*	*	*	*
Head Cabbage.....	4964	*	*	*
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	10321	96.87	9508.54	98.16
Green peppers.....	21444	151.28	11737.68	77.59
Red peppers.....	*	*	*	*
Swiss chard.....	3900	8.26	1056.38	127.89
Root Crops.....	30231	362.63	42669.12	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	14143	54.61	6183.52	113.23
Potatoes.....	10501	*	*	*
Garlic.....	14070	47.21	6669.62	141.28
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	5313	8	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	-	-
Guavas.....	2876	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	*	*
Oranges.....	2467	3.89	-	-
Papayas.....	*	*	-	-
Pineapples.....	*	*	-	-
Chat.....	*	*	-	-
Coffee.....	1362	*	-	-
Hops.....	36538	106.69	3607.13	33.81
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 4.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

South Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	222755	247153.2	3357625.5	
Cereals.....	220474	209597.1	2921063.4	
Teff.....	135914	68949.1	750512	10.89
Barley.....	142344	49694.85	806580.74	16.23
Wheat.....	136353	51583.11	750560.28	14.55
Maize.....	96224	10060.08	157731.7	15.68
Sorghum.....	56954	27401.95	439781.2	16.05
Finger millet.....	9125	1160.87	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	128901	29929.06	353132.17	
Faba beans..... .	54098	7539.13	94250.1	12.5
Field peas.....	21881	2849.15	37062.73	13.01
Haricot beans.....	*	*	*	*
Chick-peas.....	26720	6497.66	79467.73	12.23
Lentils.....	28020	4280.23	50726.51	11.85
Grass Peas.....	18342	5253.33	56788.19	10.81
Soya beans.....	*	*	*	*
Fenugreek.....	21108	697.56	5068.65	7.27
Gibto.....	-	-	-	-
Oilseeds.....	48469	7626.99	83429.87	
Neug.....	*	*	*	*
Linseed.....	46270	6450.88	72667.85	11.26
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	35255	697.34	30278.62	
Lettuce.....	*	*	-	-
Head Cabbage.....	2202	*	*	*
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	7915	*	*	*
Green peppers.....	15420	259.65	16030.77	61.74
Red peppers.....	14111	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	42974	741.26	78365.55	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	9121	*	*	*
Potatoes.....	14246	*	*	*
Garlic.....	26924	313.91	44151.07	140.65
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	18129	293.08	*	
Avocados.....	*	*	-	-
Bananas.....	3968	*	*	*
Guavas.....	6286	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	1796	*	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	8472	*	-	-
Hops.....	34331	494.94	14600.74	29.5
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 4.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Western Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	66705	131443.7	1751148.1	
Cereals.....	65534	62715.31	1072441.3	
Teff.....	10598	2299	26686.5	11.61
Barley.....	5745	1129.08	11461.43	10.15
Wheat.....	2575	354.94	4474.82	12.61
Maize.....	49985	3488.42	64166.85	18.39
Sorghum.....	58907	45806.36	797350.57	17.41
Finger millet.....	28582	9576.1	167687.08	17.51
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	19350	2832.04	23178.08	
Faba beans..... .	10717	862.08	11181.55	12.97
Field peas.....	*	*	*	*
Haricot beans.....	2174	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	56524	65896.32	655528.71	
Neug.....	14114	2786.72	27590.99	9.9
Linseed.....	4102	242.55	1732.29	7.14
Groundnuts.....	*	*	-	-
Safflower.....	*	*	-	-
Sesame.....	49743	62845.99	626205.43	9.96
Rape seed.....	-	-	-	-
Vegetables.....	27137	560.29	11977.59	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	655	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	24718	510.75	5015.6	9.82
Swiss chard.....	*	*	-	-
Root Crops.....	8014	55.98	6900.52	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	6780	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	8650	*	1991.71	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	-	-
Lemons.....	6283	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	3077	10.62	1057.08	99.54
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	-	-
Hops.....	14073	102.69	3319.92	32.33
Sugar Cane.....	-	-	-	-
Enset.....	*	-	-	-

Table 5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Afar Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	18459	17423.26	425490.63	
Cereals.....	18306	16714.64	418269.7	
Teff.....	2451	*	*	*
Barley.....	*	*	-	-
Wheat.....	*	*	*	*
Maize.....	17253	13166.81	373514.25	28.37
Sorghum.....	3613	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	729	*	*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	492	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	2593	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	2334	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	2646	73.77	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	-	-
Red peppers.....	1465	26.68	1792.61	67.19
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	1563	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	170	0.46	-	-
Lemons.....	*	*	*	*
Mangoes.....	212	*	-	-
Oranges.....	-	-	-	-
Papayas.....	495	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	*	*
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Zone 1

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	11963	12124.51	344456.76	
Cereals.....	11865	12080.49	343768.54	
Teff.....	*	*	*	*
Barley.....	*	*	-	-
Wheat.....	-	-	-	-
Maize.....	11718	11848.55	340736.33	28.76
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	193	2.54	46.57	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	*	*
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	322	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1457	*	-	
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.....	364	*	-	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Zone 3

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6496	5298.75	81033.86	
Cereals.....	6441	4634.15	74501.16	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	5535	1318.26	32777.93	24.86
Sorghum.....	3159	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	2271	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	2050	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1188	32.95	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	-	-	-	-
Red peppers.....	1011	17.8	1792.61	100.71
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	370	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	*	*	-	-
Hops.....	*	*	*	*
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Amhara Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	3552553	3973611	56721904	
Cereals.....	3515906	2959084	45450311	
Teff.....	2226340	1003948	12383474	12.33
Barley.....	1400223	347719.9	4861498	13.98
Wheat.....	1464589	434386.4	6545021.1	15.07
Maize.....	2165297	396715.7	9259644	23.34
Sorghum.....	1090925	547152.6	9131198.2	16.69
Finger millet.....	590731	195002.7	2617773.3	13.42
Oats/'Aja'.....	92855	7382.67	82202.11	11.13
Rice.....	46413	*	*	*
Pulses.....	2295184	716586.2	9139092.7	
Faba beans..... .	1490763	247782.8	3344003.9	13.5
Field peas.....	687403	96490.26	1134384.6	11.76
Haricot beans.....	331977	49574.02	669217.29	13.5
Chick-peas.....	574091	136794.5	1931496.4	14.12
Lentils.....	384261	54156.52	554173.74	10.23
Grass Peas.....	429776	87080.19	1054035.9	12.1
Soya beans.....	7396	*	*	*
Fenugreek.....	289450	22706.5	244055.47	10.75
Gibto.....	110949	19616.63	171554.65	8.75
Oilseeds.....	1293552	297940.6	2132500.7	
Neug.....	514042	108121.1	751696.21	6.95
Linseed.....	388237	31724.77	179340.55	5.65
Groundnuts.....	15670	2663.58	*	*
Safflower.....	103446	5828.14	54832.71	9.41
Sesame.....	246742	135838.2	928698.27	6.84
Rape seed.....	324141	13764.84	182318.02	13.25
Vegetables.....	1453723	44228.29	793541.49	
Lettuce.....	15037	*	-	-
Head Cabbage.....	91879	448.54	40977.53	91.36
Ethiopian Cabbage.....	264907	805.49	63220.74	78.49
Tomatoes.....	57425	504.1	41789.36	82.9
Green peppers.....	170772	1312.19	115732.01	88.2
Red peppers.....	998597	41069.42	530466.1	12.92
Swiss chard.....	34252	67.03	1355.74	20.23
Root Crops.....	1511525	34126.14	3098648.6	
Beetroot.....	63467	184.23	14727.75	79.94
Carrot.....	38082	*	*	*
Onion.....	257263	3683.67	408483.81	110.89
Potatoes.....	466646	22775.25	1930744	84.77
Garlic.....	1097651	6694.59	719457.89	107.47
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	34133	460.45	3768.79	8.19
Fruit Crops.....	203137	2106.37	157594.7	
Avocados.....	13733	28.05	245.69	8.76
Bananas.....	64284	504.84	11754.08	23.28
Guavas.....	28879	149.73	2862.17	19.12
Lemons.....	47293	214.19	23410.01	109.3
Mangoes.....	29878	326.61	*	*
Oranges.....	56955	486.1	63330.21	130.28
Papayas.....	61074	396.77	36286.17	91.45
Pineapples.....	*	*	-	-
Chat.....	167125	5815.07	44254.36	7.61
Coffee.....	237078	6099.27	21506.85	3.53
Hops.....	846775	14697.56	95951.35	6.53
Sugar Cane.....	60930	1550.36	*	*
Enset.....	*	*	-	-

Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

North Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	501915	727311.3	10341728	
Cereals.....	496206	503252.9	8297472.8	
Teff.....	264090	125743.9	1536084.3	12.22
Barley.....	151483	54386.93	786896.26	14.47
Wheat.....	111031	33512.06	499335.47	14.9
Maize.....	315488	43965.59	991351.47	22.55
Sorghum.....	308205	203499.7	3789997.6	18.62
Finger millet.....	129554	40670.95	679921.62	16.72
Oats/'Aja'.....	8035	*	*	*
Rice.....	*	*	*	*
Pulses.....	223363	91324.89	1208613.3	
Faba beans..... .	146810	30489.48	407175	13.35
Field peas.....	55884	10430.58	110058.73	10.55
Haricot beans.....	*	*	*	*
Chick-peas.....	92342	30865.24	432815.2	14.02
Lentils.....	27558	6286.78	86264.86	13.72
Grass Peas.....	41021	6866.66	88432.27	12.88
Soya beans.....	-	-	-	-
Fenugreek.....	34264	5188.83	60447.44	11.65
Gibto.....	-	-	-	-
Oilseeds.....	239923	132733.5	835642.19	
Neug.....	83730	22412.21	177415.69	7.92
Linseed.....	51653	4597.58	31416.97	6.83
Groundnuts.....	*	*	*	*
Safflower.....	14081	1147.11	8387.06	7.31
Sesame.....	122114	104114.2	614735.17	5.9
Rape seed.....	10944	256.22	2589.95	10.11
Vegetables.....	186571	7337.53	127620.47	
Lettuce.....	*	*	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	-	-	-	-
Green peppers.....	21024	*	*	*
Red peppers.....	150932	6971.85	96839.02	13.89
Swiss chard.....	-	-	-	-
Root Crops.....	160035	3963.81	404269.99	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	12701	*	*	*
Potatoes.....	64555	2725.71	248285.27	91.09
Garlic.....	104691	993.29	124419.21	125.26
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	20211	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	8884	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	-	-
Papayas.....	10664	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	26413	*	*	*
Hops.....	74081	3077.62	18281.05	5.94
Sugar Cane.....	*	*	-	-
Enset.....	-	-	-	-

Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

South Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	471524	521231.5	6228764.1	
Cereals.....	467686	390437.5	5022646.5	
Teff.....	314908	118589.2	1249437.9	10.54
Barley.....	209013	40382.1	461596.72	11.43
Wheat.....	213631	70674.6	883264.09	12.5
Maize.....	313866	42294.44	716131.3	16.93
Sorghum.....	159550	43422.25	560229.69	12.9
Finger millet.....	160878	48929.49	588996.6	12.04
Oats/'Aja'.....	*	*	*	*
Rice.....	41777	*	*	*
Pulses.....	322661	97640.96	1031058.5	
Faba beans..... .	215965	36837.96	466908	12.67
Field peas.....	76526	10736.62	102238.72	9.52
Haricot beans.....	49917	*	81149.82	*
Chick-peas.....	86420	18459.39	185279.07	10.04
Lentils.....	31133	3547.27	30437.25	8.58
Grass Peas.....	54577	11755.84	132920.03	11.31
Soya beans.....	-	-	-	-
Fenugreek.....	12253	220.68	*	*
Gibto.....	34532	*	30298.16	*
Oilseeds.....	199371	33153.07	175059.1	
Neug.....	82820	19416.62	103980.72	5.36
Linseed.....	77991	9900.22	41138.06	4.16
Groundnuts.....	*	*	-	-
Safflower.....	13762	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	69993	2335.24	16882.03	7.23
Vegetables.....	141491	3537.8	43544.49	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	*	*	-	-
Green peppers.....	17063	96.73	7235.58	74.8
Red peppers.....	111513	3324.99	36308.91	10.92
Swiss chard.....	*	*	-	-
Root Crops.....	237033	9960.86	766202.3	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	10024	*	*	*
Potatoes.....	115229	8951.66	672269.66	75.1
Garlic.....	171650	756.84	84107.52	111.13
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	15472	*	*	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	139980	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

North Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	306504	255812.1	3698082.1	
Cereals.....	302327	199708.9	3065821	
Teff.....	171339	65309.29	908413.88	13.91
Barley.....	172592	48466.97	800266.28	16.51
Wheat.....	139298	33443.28	502316.04	15.02
Maize.....	92780	5722.49	100914.18	17.63
Sorghum.....	101063	43833.6	721901.9	16.47
Finger millet.....	12087	1123.88	12514.64	11.14
Oats/'Aja'.....	20653	1809.38	19494.09	10.77
Rice.....	-	-	-	-
Pulses.....	199209	51191.64	599782.3	
Faba beans..... .	112712	13276	177132.64	13.34
Field peas.....	91893	11780.86	153583.84	13.04
Haricot beans.....	14375	*	*	*
Chick-peas.....	45779	6801.91	66398.06	9.76
Lentils.....	68842	9699.12	91137.92	9.4
Grass Peas.....	35337	4437.2	57641.23	12.99
Soya beans.....	*	*	*	*
Fenugreek.....	39118	2918.5	33991.96	11.65
Gibto.....	-	-	-	-
Oilseeds.....	67725	4911.61	32478.8	
Neug.....	11579	881.1	4854.2	5.51
Linseed.....	55798	3476.14	22855.53	6.57
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	101100	759.7	31804.38	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	59399	159.16	14899.1	93.61
Tomatoes.....	*	*	-	-
Green peppers.....	7805	114.09	9653.23	84.61
Red peppers.....	32549	456.1	7252.04	15.9
Swiss chard.....	7388	*	-	-
Root Crops.....	136786	1522.73	140367.19	
Beetroot.....	*	*	-	-
Carrot.....	3076	*	-	-
Onion.....	8867	88.98	11376.91	127.86
Potatoes.....	46660	627.39	51477.27	82.05
Garlic.....	119048	795.58	77513.01	97.43
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	7433	*	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	15766	*	*	*
Coffee.....	18334	310.09	1488.44	4.8
Hops.....	35648	425.36	4211.06	9.9
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

South Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	573589	427903.7	5627709.4	
Cereals.....	565805	299931.1	3988814.5	
Teff.....	344657	115343	1315047	11.4
Barley.....	278252	43389.27	540591.83	12.46
Wheat.....	360131	89360.16	1424791	15.94
Maize.....	210649	14363.97	216709.66	15.09
Sorghum.....	103584	32974.17	435845.15	13.22
Finger millet.....	19206	964.25	12473.76	12.94
Oats/'Aja'.....	46915	3536.25	43356.11	12.26
Rice.....	-	-	-	-
Pulses.....	458133	121221	1590436.6	
Faba beans..... .	316270	41873.08	571101.93	13.64
Field peas.....	168834	21439.41	291205.31	13.58
Haricot beans.....	78949	7049.78	90766.67	12.88
Chick-peas.....	88833	13445.11	201580.98	14.99
Lentils.....	115766	12405.34	112689.98	9.08
Grass Peas.....	94132	13890.26	202087.28	14.55
Soya beans.....	*	*	*	*
Fenugreek.....	105558	11068.56	120283.04	10.87
Gibto.....	-	-	-	-
Oilseeds.....	117218	6751.7	48458.32	
Neug.....	55492	4473.73	30172.85	6.74
Linseed.....	56568	1705.22	13132.74	7.7
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	162638	1239.48	36284.4	
Lettuce.....	6279	*	-	-
Head Cabbage.....	8485	*	-	-
Ethiopian Cabbage.....	66014	216.94	19181.51	88.42
Tomatoes.....	13096	*	*	*
Green peppers.....	15844	72.97	6922.81	94.87
Red peppers.....	66750	836.87	8602.99	10.28
Swiss chard.....	10779	*	-	-
Root Crops.....	201838	1690.67	170768.74	
Beetroot.....	7132	*	*	*
Carrot.....	15654	*	*	*
Onion.....	36355	*	*	*
Potatoes.....	33885	247.63	25736.04	103.93
Garlic.....	150640	738.92	74823.1	101.26
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	25167	*	*	
Avocados.....	*	*	-	-
Bananas.....	3754	15.65	229.42	14.66
Guavas.....	7436	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	71195	3176.64	30781.64	9.69
Coffee.....	42884	979.03	4454.6	4.55
Hops.....	74235	685.11	8420.05	12.29
Sugar Cane.....	7438	*	*	*
Enset.....	*	*	-	-

Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	436319	517191.8	7108359.1	
Cereals.....	429493	393932	5559599.2	
Teff.....	289839	136098.3	1670009.6	12.27
Barley.....	209599	58637.92	999600.29	17.05
Wheat.....	228097	78579.03	948084.04	12.07
Maize.....	187728	10026.19	186006.04	18.55
Sorghum.....	179621	110076.1	1751464.5	15.91
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	310338	111869.1	1463281.9	
Faba beans..... .	211278	42030.08	567390.93	13.5
Field peas.....	79937	9104.36	108238.1	11.89
Haricot beans.....	61664	7985.33	103105.61	12.91
Chick-peas.....	98601	25723.82	384385.03	14.94
Lentils.....	108231	18828.2	202702.43	10.77
Grass Peas.....	29042	5781.81	76030.71	13.15
Soya beans.....	-	-	-	-
Fenugreek.....	55450	2415.49	21429.08	8.87
Gibto.....	-	-	-	-
Oilseeds.....	139214	11390.72	85478	
Neug.....	39512	1710.07	7122.11	4.16
Linseed.....	62017	4773.86	32145.65	6.73
Groundnuts.....	-	-	-	-
Safflower.....	34960	2311.49	20890.48	9.04
Sesame.....	39284	2527.59	24920.8	9.86
Rape seed.....	12347	67.71	398.96	5.89
Vegetables.....	218658	2176.63	89661.1	
Lettuce.....	5445	2.61	-	-
Head Cabbage.....	16485	28.2	-	-
Ethiopian Cabbage.....	83219	135.99	12156.37	89.39
Tomatoes.....	22400	*	*	*
Green peppers.....	39274	*	*	*
Red peppers.....	112272	1516.38	37484.92	24.72
Swiss chard.....	12910	11.3	1355.74	119.98
Root Crops.....	239392	3257.54	374559.26	
Beetroot.....	11829	*	*	*
Carrot.....	10832	14.44	787.35	54.53
Onion.....	127524	1797.94	231754.68	128.9
Potatoes.....	26084	*	*	*
Garlic.....	173579	1306.24	128546.68	98.41
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	5988	16	1592.15	99.51
Fruit Crops.....	39566	229.99	17995.2	
Avocados.....	*	*	-	-
Bananas.....	11015	*	*	*
Guavas.....	5802	*	-	-
Lemons.....	10989	*	*	*
Mangoes.....	5506	*	*	*
Oranges.....	12030	*	*	*
Papayas.....	13660	*	*	*
Pineapples.....	*	*	-	-
Chat.....	17258	138.28	206.04	1.49
Coffee.....	50152	534.78	1149.78	2.15
Hops.....	142686	2730.24	18538.32	6.79
Sugar Cane.....	14676	*	*	*
Enset.....	-	-	-	-

Table 6.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

East Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	448035	573241.3	9097746	
Cereals.....	443842	434252.5	7122345.2	
Teff.....	334713	210523.1	2631539.6	12.5
Barley.....	145767	47324.31	647742.92	13.69
Wheat.....	239280	89509.83	1704648.4	19.04
Maize.....	333584	55373.18	1552916.9	28.04
Sorghum.....	75000	28257.21	543306.09	19.23
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	313271	111314.2	1698548.9	
Faba beans..... .	224804	36805.82	550691.5	14.96
Field peas.....	88869	17874.9	218345.64	12.22
Haricot beans.....	39747	*	*	*
Chick-peas.....	76677	21355.42	331905.03	15.54
Lentils.....	12270	1101.99	7671.47	6.96
Grass Peas.....	93862	21070.12	314113.91	14.91
Soya beans.....	*	*	*	*
Fenugreek.....	11587	288.84	*	*
Gibto.....	17120	*	*	*
Oilseeds.....	161512	27674.68	276851.82	
Neug.....	95785	20195.59	203243.2	10.06
Linseed.....	19578	3102.03	20086.09	6.48
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	63188	2478.83	32480.24	13.1
Vegetables.....	175739	2585.73	120373.02	
Lettuce.....	*	*	-	-
Head Cabbage.....	41323	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	4332	*	-	-
Green peppers.....	41794	219.03	20043.21	91.51
Red peppers.....	101270	2015.81	64385.03	31.94
Swiss chard.....	*	*	-	-
Root Crops.....	185179	4302.98	462880.15	
Beetroot.....	34476	85.7	7250.63	84.6
Carrot.....	3950	*	*	*
Onion.....	39119	540.21	60898.03	112.73
Potatoes.....	44803	*	*	*
Garlic.....	120281	818.79	104141.51	127.19
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	18230	*	*	
Avocados.....	*	*	-	-
Bananas.....	8988	*	*	*
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	9192	50.36	348	6.91
Papayas.....	*	*	-	-
Pineapples.....	-	-	-	-
Chat.....	6791	*	-	-
Coffee.....	16983	181.52	263.21	1.45
Hops.....	148880	1968.05	14032.21	7.13
Sugar Cane.....	8263	*	*	*
Enset.....	-	-	-	-

Table 6.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

West Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	446073	541777.1	9214515.9	
Cereals.....	443786	411990.4	7809408.5	
Teff.....	300124	141356.1	2071748.5	14.66
Barley.....	110203	25205.79	285638.18	11.33
Wheat.....	92307	21409.66	366431.89	17.12
Maize.....	429170	164606.2	4285726	26.04
Sorghum.....	*	*	*	*
Finger millet.....	170772	56812.56	756210.9	13.31
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	289284	93667.92	1119331	
Faba beans..... .	181279	30685.23	435236.38	14.18
Field peas.....	79249	9519.33	83842.28	8.81
Haricot beans.....	23396	*	*	*
Chick-peas.....	66571	17341.06	299564.32	17.27
Lentils.....	*	*	*	*
Grass Peas.....	80180	23203.87	181613.53	7.83
Soya beans.....	*	*	*	*
Fenugreek.....	13998	*	*	*
Gibto.....	35452	7559.49	66051.14	8.74
Oilseeds.....	209564	36118.82	285776.41	
Neug.....	93836	21786.89	137114.24	6.29
Linseed.....	32107	2572.27	9999.39	3.89
Groundnuts.....	*	*	*	*
Safflower.....	5729	188.53	3065.84	16.26
Sesame.....	19475	*	*	*
Rape seed.....	113180	6165.23	97301.25	15.78
Vegetables.....	333121	20436.53	239754.72	
Lettuce.....	*	*	-	-
Head Cabbage.....	12391	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	10512	*	*	*
Red peppers.....	320904	20172.73	214234.4	10.62
Swiss chard.....	*	*	-	-
Root Crops.....	238463	5292.54	538947.26	
Beetroot.....	8032	*	*	*
Carrot.....	*	*	*	*
Onion.....	15023	75.25	8886.59	118.09
Potatoes.....	78419	4219.31	445306.33	105.54
Garlic.....	192534	861.02	82244.31	95.52
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	41961	*	43384.97	
Avocados.....	6236	11.27	-	-
Bananas.....	19993	*	*	*
Guavas.....	5111	*	*	*
Lemons.....	11746	31.92	6326.29	198.19
Mangoes.....	12159	*	*	*
Oranges.....	3574	*	*	*
Papayas.....	13343	*	*	*
Pineapples.....	-	-	-	-
Chat.....	32619	*	*	*
Coffee.....	38202	*	*	*
Hops.....	162281	2140.6	15711.99	7.34
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Waghemra

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	89535	103473.8	1188346.3	
Cereals.....	88465	78135.3	943766.14	
Teff.....	59385	23286.81	261575.54	11.23
Barley.....	55056	15745.24	153261.66	9.73
Wheat.....	32879	7006.06	71784.12	10.25
Maize.....	47238	2362.87	30738.05	13.01
Sorghum.....	56519	29488	424836.56	14.41
Finger millet.....	2524	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	70913	20779.75	203227.83	
Faba beans..... .	44949	10562.66	100094.14	9.48
Field peas.....	21485	3629.98	43390.91	11.95
Haricot beans.....	20443	3172.53	27229.49	8.58
Chick-peas.....	6563	1332.1	11491.17	8.63
Lentils.....	16447	2039.17	20601.2	10.1
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	5424	29.88	126.6	4.24
Gibto.....	-	-	-	-
Oilseeds.....	37838	4558.7	41352.31	
Neug.....	5753	238.39	1393.75	5.85
Linseed.....	19603	1263.72	6719.71	5.32
Groundnuts.....	-	-	-	-
Safflower.....	6059	268.69	*	*
Sesame.....	14034	2775.61	30115.71	10.85
Rape seed.....	*	*	*	*
Vegetables.....	5846	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	841	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	2018	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	17238	138.4	8003.5	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	7354	63.52	-	-
Garlic.....	15390	66.04	7142.59	108.16
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	3453	*	*	*
Sugar Cane.....	-	-	-	-
Enset.....	-	-	-	-

Table 6.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Awi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	188841	245249.7	3377272.2	
Cereals.....	188542	192220.6	2855734.5	
Teff.....	112849	56940.56	634408.81	11.14
Barley.....	58622	13288.01	172747.75	13
Wheat.....	43609	10571.38	139344.93	13.18
Maize.....	169569	51373.52	1068687.2	20.8
Sorghum.....	19038	*	*	*
Finger millet.....	82308	42989.78	522960.52	12.16
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	75707	14894.98	192455.58	
Faba beans..... .	32670	4865.47	64306.12	13.22
Field peas.....	20431	1619.85	17251.12	10.65
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	23845	4439.65	57128.57	12.87
Oilseeds.....	90120	38134.09	329082.14	
Neug.....	43844	16942.14	85986.65	5.08
Linseed.....	7733	212.23	989.03	4.66
Groundnuts.....	8610	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	30716	2216.46	30285.29	13.66
Vegetables.....	101654	5340.51	66442.64	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	13834	63.09	5623.45	89.13
Tomatoes.....	*	*	*	*
Green peppers.....	7476	16.4	1340.59	81.74
Red peppers.....	85425	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	86836	3724.39	218027.36	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	49490	3021.73	189220.6	62.62
Garlic.....	42914	237.41	25865.41	108.95
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	12449	165.07	1122.45	6.8
Fruit Crops.....	18104	*	*	
Avocados.....	2093	*	*	*
Bananas.....	6089	27.61	737.27	26.7
Guavas.....	*	*	-	-
Lemons.....	3901	8.95	1832.22	204.72
Mangoes.....	*	*	-	-
Oranges.....	3282	10.83	343.26	31.7
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	-	-
Coffee.....	12301	82.56	168.41	2.04
Hops.....	64439	409.29	1596.25	3.9
Sugar Cane.....	7465	49.96	43876.53	878.23
Enset.....	-	-	-	-

Table 6.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Oromia Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	84211	55833.01	782898.86	
Cereals.....	83746	51023.46	731910.68	
Teff.....	31787	9951.64	99804.87	10.03
Barley.....	9016	833.33	12516.64	15.02
Wheat.....	4038	*	*	*
Maize.....	61496	6143.66	104537.74	17.02
Sorghum.....	69580	33439.85	505014.42	15.1
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	30379	2523.66	30709.92	
Faba beans..... .	4025	*	*	*
Field peas.....	4013	338.7	*	*
Haricot beans.....	20606	1288.38	15448.28	11.99
Chick-peas.....	3336	227.14	1870.98	8.24
Lentils.....	2775	*	*	*
Grass Peas.....	967	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	3868	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	28645	2285.89	20278.27	
Neug.....	1563	*	404.6	*
Linseed.....	4608	104.42	793.68	7.6
Groundnuts.....	3883	*	*	*
Safflower.....	14677	525.85	4314.48	8.2
Sesame.....	12406	1305.92	11927.46	9.13
Rape seed.....	2135	28.65	*	*
Vegetables.....	25605	684.98	29598.66	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	2713	*	*	*
Tomatoes.....	5358	*	*	*
Green peppers.....	7248	*	*	*
Red peppers.....	13993	469.45	7807.01	16.63
Swiss chard.....	*	*	-	-
Root Crops.....	8432	267.47	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	3099	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	6711	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	15256	173.41	5134.45	
Avocados.....	*	-	-	-
Bananas.....	2175	*	*	*
Guavas.....	4809	36.05	671.65	18.63
Lemons.....	1693	*	*	*
Mangoes.....	2966	28.3	-	-
Oranges.....	4003	*	*	*
Papayas.....	7448	25.71	1337.47	52.02
Pineapples.....	-	-	-	-
Chat.....	16494	1204.76	4023.9	3.34
Coffee.....	11275	295.5	1051.97	3.56
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 6.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Argoba Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	6009	4585.21	56481.92	
Cereals.....	6009	4199.27	52791.69	
Teff.....	2651	805.89	5403.72	6.71
Barley.....	620	60	639.47	10.66
Wheat.....	288	25.86	219.84	8.5
Maize.....	3731	483.62	5925.49	12.25
Sorghum.....	5396	2791.28	40378.02	14.47
Finger millet.....	456	10.76	99.41	9.24
Oats/'Aja'.....	188	21.85	125.74	5.75
Rice.....	-	-	-	-
Pulses.....	1927	158.11	1646.92	
Faba beans..... .	-	-	-	-
Field peas.....	282	15.67	150.63	9.61
Haricot beans.....	1286	87.66	1112.01	12.69
Chick-peas.....	322	37.6	291.36	7.75
Lentils.....	243	16.15	89.1	5.52
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	181	1.03	3.83	3.72
Gibto.....	-	-	-	-
Oilseeds.....	2423	227.83	2043.31	
Neug.....	127	*	*	*
Linseed.....	582	17.09	63.69	3.73
Groundnuts.....	*	*	-	-
Safflower.....	919	41.4	484.49	11.7
Sesame.....	1556	166.49	1484.54	8.92
Rape seed.....	*	*	*	*
Vegetables.....	1299	20.47	537.56	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	262	3.64	344.99	94.78
Red peppers.....	971	16.52	169.86	10.28
Swiss chard.....	-	-	-	-
Root Crops.....	292	*	*	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	81	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	212	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	294	*	184.43	
Avocados.....	-	-	-	-
Bananas.....	99	*	*	*
Guavas.....	115	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	133	*	*	*
Pineapples.....	-	-	-	-
Chat.....	180	1.54	14.94	9.7
Coffee.....	292	3.93	17.87	4.55
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	-	-	-	-

Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Oromia Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	4996693	5073271	82384641	
Cereals.....	4893275	4064069	71789403	
Teff.....	2228171	1081501	13292652	12.29
Barley.....	1494011	451955.5	7242938.5	16.03
Wheat.....	1717299	794835.8	15152663	19.06
Maize.....	3465051	933712.5	21783317	23.33
Sorghum.....	2070440	677092.3	12508413	18.47
Finger millet.....	436483	98040.65	1381454.9	14.09
Oats/'Aja'.....	155115	21899.1	336968.32	15.39
Rice.....	19012	*	*	*
Pulses.....	2705287	616034.7	7745260.8	
Faba beans..... .	1334593	207597.1	2607452.6	12.56
Field peas.....	505224	83646.84	995733.95	11.9
Haricot beans.....	1165054	146451.9	1913844	13.07
Chick-peas.....	310011	74068.8	934137.4	12.61
Lentils.....	222983	31713.13	305452.35	9.63
Grass Peas.....	286164	61469.07	848165.08	13.8
Soya beans.....	30879	1688	19483.57	11.54
Fenugreek.....	255060	9388.71	120991.83	12.89
Gibto.....	*	*	-	-
Oilseeds.....	1445807	393167.2	2849976.7	
Neug.....	520219	180630.3	991707.53	5.49
Linseed.....	565175	130900.4	1172323.8	8.96
Groundnuts.....	141819	27075.4	267506.79	9.88
Safflower.....	32286	1727.81	9363.63	5.42
Sesame.....	170592	34022.59	208579.38	6.13
Rape seed.....	292710	18810.8	200495.55	10.66
Vegetables.....	2432985	61838.86	2249013.1	
Lettuce.....	24374	*	*	*
Head Cabbage.....	265671	2188.94	156019.01	71.28
Ethiopian Cabbage.....	1397309	13402.65	907287.46	67.69
Tomatoes.....	77784	3407.89	270865.27	79.48
Green peppers.....	717893	4891.2	319003.8	65.22
Red peppers.....	813149	37644.15	581356.24	15.44
Swiss chard.....	29452	108.57	*	*
Root Crops.....	2125420	66174.89	5179575.6	
Beetroot.....	295886	1549.18	151861.82	98.03
Carrot.....	97811	*	102156.45	*
Onion.....	330757	10242.52	885816.82	86.48
Potatoes.....	321551	16965.1	1250207.2	73.69
Garlic.....	723942	6259.68	723328.34	115.55
Taro/'Godere'.....	460334	7734.5	487083.53	62.98
Sweet potatoes.....	627227	21538.28	1579121.5	73.32
Fruit Crops.....	1235000	18321.49	1286799	
Avocados.....	177942	1584.08	94394.07	59.59
Bananas.....	781466	10074.98	594110.25	58.97
Guavas.....	169795	740.06	12608.94	17.04
Lemons.....	52751	134.63	5036.89	37.41
Mangoes.....	398114	3248.78	244925.21	75.39
Oranges.....	183483	1174.78	133472.59	113.61
Papayas.....	279724	1354.95	201999.06	149.08
Pineapples.....	3632	*	*	*
Chat.....	1228098	96325.6	783269.88	8.13
Coffee.....	1425075	284629.8	1964221.1	6.9
Hops.....	558808	6771.15	139114.48	20.55
Sugar Cane.....	289137	7145.93	2129915.7	298.06
Enset.....	1386753	82216.1	1519578.7	18.48

Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

West Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	268617	213857.5	3105849	
Cereals.....	265318	171182.7	2837137.2	
Teff.....	95003	33714.11	345893.91	10.26
Barley.....	53189	2522.59	23835.52	9.45
Wheat.....	35446	2295.57	39918.82	17.39
Maize.....	230139	58188.56	1352622.7	23.25
Sorghum.....	204654	43109.1	732117.73	16.98
Finger millet.....	115897	31168.53	340250.98	10.92
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	176428	15353.32	149086.06	
Faba beans..... .	68067	3695.87	36980.78	10.01
Field peas.....	53989	2830.78	25857.26	9.13
Haricot beans.....	115099	6614.92	69281.5	10.47
Chick-peas.....	11342	676.24	*	*
Lentils.....	*	*	*	*
Grass Peas.....	21842	623.47	5457.4	8.75
Soya beans.....	12590	*	*	*
Fenugreek.....	15041	268.04	*	*
Gibto.....	-	-	-	-
Oilseeds.....	114044	27321.41	119625.74	
Neug.....	83645	18814.06	88068.61	4.68
Linseed.....	9887	274	1040.83	3.8
Groundnuts.....	4089	*	*	*
Safflower.....	*	*	*	*
Sesame.....	27294	7759.04	25838.48	3.33
Rape seed.....	11411	292.94	*	*
Vegetables.....	158026	3804.3	56888.83	
Lettuce.....	*	*	-	-
Head Cabbage.....	5462	21.21	1261.82	59.49
Ethiopian Cabbage.....	45843	211.7	13295.05	62.8
Tomatoes.....	1249	*	*	*
Green peppers.....	10524	70.69	2970.96	42.03
Red peppers.....	123214	3494.18	39344.46	11.26
Swiss chard.....	*	*	-	-
Root Crops.....	186067	6212.65	508461.23	
Beetroot.....	3989	10.28	1302.7	126.72
Carrot.....	4597	*	*	*
Onion.....	7982	*	*	*
Potatoes.....	6956	296.21	21374.4	72.16
Garlic.....	18194	84.31	7380	87.53
Taro/'Godere'.....	58282	490.42	40548.07	82.68
Sweet potatoes.....	157515	5253.27	431293.72	82.1
Fruit Crops.....	177492	3370.47	254929.17	
Avocados.....	35491	362.11	23856.07	65.88
Bananas.....	132140	1706.73	118976.05	69.71
Guavas.....	*	*	*	*
Lemons.....	2729	*	*	*
Mangoes.....	71441	816.48	67433.1	82.59
Oranges.....	43352	401.86	31099.71	77.39
Papayas.....	19466	75.99	13330.62	175.43
Pineapples.....	-	-	-	-
Chat.....	47835	1268.4	12468.38	9.83
Coffee.....	217547	65578.35	403962.65	6.16
Hops.....	39120	357.4	3749.16	10.49
Sugar Cane.....	11380	231.7	70202.9	302.99
Enset.....	19642	154.01	1172.14	7.61

Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

East Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	231213	319153.8	5022506.1	
Cereals.....	229862	249935.2	4492683	
Teff.....	139043	76882.68	1006407.6	13.09
Barley.....	55912	7718.61	97983.05	12.69
Wheat.....	51953	9895.77	*	*
Maize.....	212521	77460.41	1825406.2	23.57
Sorghum.....	140357	55901.76	1035782.3	18.53
Finger millet.....	56861	21721.09	360826.81	16.61
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	125983	18043.24	236335.1	
Faba beans..... .	89528	11343.39	164110.52	14.47
Field peas.....	19164	3116.46	35111.59	11.27
Haricot beans.....	32446	2007.4	23587.6	11.75
Chick-peas.....	10316	1010.47	9334.7	9.24
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	3084	290.31	*	*
Fenugreek.....	15242	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	127631	51175.34	293488	
Neug.....	92497	39304	233608.56	5.94
Linseed.....	4982	208.39	1111.67	5.33
Groundnuts.....	13043	*	*	*
Safflower.....	*	*	*	*
Sesame.....	29482	8141.72	35226.5	4.33
Rape seed.....	16325	546.93	4558.28	8.33
Vegetables.....	147790	3202.79	69860.14	
Lettuce.....	*	*	-	-
Head Cabbage.....	5860	18.34	-	-
Ethiopian Cabbage.....	20926	263.84	20785.27	78.78
Tomatoes.....	*	*	-	-
Green peppers.....	41179	269.23	19936.2	74.05
Red peppers.....	104481	2648.97	29138.66	11
Swiss chard.....	*	*	-	-
Root Crops.....	106759	2214.81	198125.95	
Beetroot.....	16846	*	*	*
Carrot.....	4782	*	*	*
Onion.....	19600	132.88	11205.87	84.33
Potatoes.....	*	*	*	*
Garlic.....	48399	203.74	25832.56	126.79
Taro/'Godere'.....	13078	*	*	*
Sweet potatoes.....	47177	1280.33	119083.18	93.01
Fruit Crops.....	62535	1091.19	69469.03	
Avocados.....	2080	*	-	-
Bananas.....	40730	512.1	17093.79	33.38
Guavas.....	-	-	-	-
Lemons.....	1979	*	*	*
Mangoes.....	31320	*	*	*
Oranges.....	*	*	*	*
Papayas.....	8288	*	*	*
Pineapples.....	-	-	-	-
Chat.....	28125	*	*	*
Coffee.....	59054	7069.2	48918.89	6.92
Hops.....	50961	455.11	8255.68	18.14
Sugar Cane.....	4849	140.28	6803.61	48.5
Enset.....	*	*	*	*

Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Illubabor

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	271384	242631.8	4031665.5	
Cereals.....	267398	208516.9	3728272.5	
Teff.....	170611	69895.23	842592.99	12.06
Barley.....	49489	4448.73	56140.78	12.62
Wheat.....	30529	4298.4	70662.55	16.44
Maize.....	229420	77179.78	1752512.1	22.71
Sorghum.....	164799	45685.66	918086.95	20.1
Finger millet.....	48880	6836.26	85724.01	12.54
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	169166	21172.83	220748.75	
Faba beans..... .	63985	7785.75	81109.86	10.42
Field peas.....	40101	6578.91	70025.99	10.64
Haricot beans.....	120655	4910.8	53449.28	10.88
Chick-peas.....	7590	*	7551.21	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	5793	*	*	*
Fenugreek.....	17070	232.82	1864.53	8.01
Gibto.....	-	-	-	-
Oilseeds.....	73582	12942.01	82644.24	
Neug.....	34215	6399.41	40487.68	6.33
Linseed.....	10720	446.14	*	*
Groundnuts.....	5248	40.06	238.43	5.95
Safflower.....	2911	*	*	*
Sesame.....	21934	5381.46	32005.46	5.95
Rape seed.....	15462	650.54	5582.34	8.58
Vegetables.....	191584	3621.07	114608.66	
Lettuce.....	*	*	*	*
Head Cabbage.....	32486	57.04	5684.04	99.65
Ethiopian Cabbage.....	93862	411.16	31511.61	76.64
Tomatoes.....	6112	*	*	*
Green peppers.....	75376	449.79	27446	61.02
Red peppers.....	89909	2679.01	49266.91	18.39
Swiss chard.....	*	*	-	-
Root Crops.....	153757	2444.46	208806.07	
Beetroot.....	29651	35.1	3581.13	102.03
Carrot.....	3664	2.97	252.32	84.96
Onion.....	16377	69.63	6537.82	93.89
Potatoes.....	5563	95.29	4123.99	43.28
Garlic.....	25441	38.85	3665.19	94.34
Taro/'Godere'.....	93723	1043.64	87216.73	83.57
Sweet potatoes.....	42941	1159	103428.89	89.24
Fruit Crops.....	111402	1487.13	96259.59	
Avocados.....	10527	50.63	1389.26	27.44
Bananas.....	81209	941.09	43948.76	46.7
Guavas.....	4788	*	*	*
Lemons.....	4169	12.27	994.01	81.01
Mangoes.....	36970	266.38	18625.49	69.92
Oranges.....	16490	113.77	10040.01	88.25
Papayas.....	28972	83.12	20926.97	251.77
Pineapples.....	*	*	-	-
Chat.....	74317	2207.96	21836.74	9.89
Coffee.....	151983	49552.11	312673.82	6.31
Hops.....	21422	158.97	2034.79	12.8
Sugar Cane.....	25496	547.71	169839.79	310.09
Enset.....	140783	3005.74	25302.31	8.42

Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Jimma

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**554,471**	**444,126.75**	**6,775,963.20**	
Cereals.....	**543,273**	**384,251.94**	**6,299,969.95**	
Teff.....	389,205	133,817.91	1,409,498.13	10.53
Barley.....	152,117	20,672.63	228,735.65	11.06
Wheat.....	124,948	29,885.86	433,635.63	14.51
Maize.....	401,546	116,626.28	2,894,740.04	24.82
Sorghum.....	309,581	72,486.32	1,149,758.08	15.86
Finger millet.....	35,328	6,104.66	92,127.80	15.09
Oats/'Aja'.....	12,497	697.66	6,000.85	8.6
Rice.....	*	*	*	*
Pulses.....	**294,976**	**39,831.95**	**386,797.57**	
Faba beans..... .	141,322	24,100.72	251,598.82	10.44
Field peas.....	57,703	10,911.61	99,288.71	9.1
Haricot beans.....	152,503	2,822.43	23,695.95	8.4
Chick-peas.....	8,429	1,104.30	8,003.37	7.25
Lentils.....	23,354	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	4,202	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**180,629**	**20,042.86**	**89,195.68**	
Neug.....	55,459	13,334.81	50,631.50	3.8
Linseed.....	98,935	4,315.63	19,679.27	4.56
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	34,749	426.37	1,347.61	3.16
Vegetables.....	**470,897**	**13,832.35**	**536,842.85**	
Lettuce.....	*	*	-	-
Head Cabbage.....	74,928	340.44	37,897.69	111.32
Ethiopian Cabbage.....	380,260	2,630.60	226,047.09	85.93
Tomatoes.....	17,414	58.24	582.38	10
Green peppers.....	187,879	802.57	52,086.49	64.9
Red peppers.....	143,817	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**344,832**	**7,773.61**	**441,533.42**	
Beetroot.....	53,683	*	*	*
Carrot.....	9,741	*	*	*
Onion.....	17,722	45.92	4,327.80	94.25
Potatoes.....	25,249	*	*	*
Garlic.....	67,103	374.58	37,832.22	101
Taro/'Godere'.....	244,426	5,696.40	323,498.38	56.79
Sweet potatoes.....	29,612	*	-	-
Fruit Crops.....	**285,747**	**3,729.18**	**335,556.95**	
Avocados.....	73,045	602.71	45,624.91	75.7
Bananas.....	193,989	1,717.46	135,370.23	78.82
Guavas.....	44,713	184.36	3,373.87	18.3
Lemons.....	4,858	*	*	*
Mangoes.....	116,251	602.57	54,249.50	90.03
Oranges.....	52,034	353.89	55,971.29	158.16
Papayas.....	83,585	244.83	40,582.83	165.76
Pineapples.....	2,504	*	*	*
Chat.....	**295,045**	**14,070.06**	**131,555.10**	**9.35**
Coffee.....	**339,029**	**72,253.64**	**551,295.29**	**7.63**
Hops.....	**23,973**	**219.12**	**3,873.98**	**17.68**
Sugar Cane.....	**106,951**	**863.06**	**318,177.41**	**368.66**
Enset.....	**426,638**	**16,007.94**	**330,211.75**	**20.63**

Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**456,183**	**558,800.54**	**8,902,316.07**	
Cereals.....	**447,713**	**436,384.92**	**7,190,728.23**	
Teff.....	241,148	141,379.51	1,689,723.95	11.95
Barley.....	193,801	69,741.24	1,174,384.12	16.84
Wheat.....	237,318	95,076.81	1,693,357.99	17.81
Maize.....	273,855	66,435.44	1,594,929.02	24.01
Sorghum.....	147,716	61,114.62	1,010,675.13	16.54
Finger millet.....	*	*	*	*
Oats/'Aja'.....	15,341	882.06	10,165.22	11.52
Rice.....	*	*	-	-
Pulses.....	**258,207**	**71,556.49**	**1,362,696.94**	
Faba beans..... .	195,574	35,621.52	844,001.74	23.69
Field peas.....	73,050	14,312.95	170,633.16	11.92
Haricot beans.....	13,262	200.75	3,009.59	14.99
Chick-peas.....	35,950	9,270.04	155,082.57	16.73
Lentils.....	26,097	2,429.37	18,061.09	7.43
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	18,696	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**161,987**	**50,859.13**	**348,890.90**	
Neug.....	59,506	24,506.96	143,811.85	5.87
Linseed.....	80,008	23,407.38	186,322.31	7.96
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	42,005	2,650.71	16,585.49	6.26
Vegetables.....	**282,055**	**6,033.57**	**178,793.35**	
Lettuce.....	*	*	-	-
Head Cabbage.....	55,343	395.27	40,123.48	101.51
Ethiopian Cabbage.....	167,720	1,230.96	81,920.24	66.55
Tomatoes.....	5,646	*	*	*
Green peppers.....	86,696	574.51	39,175.96	68.19
Red peppers.....	68,242	3,574.42	-	-
Swiss chard.....	*	*	*	*
Root Crops.....	**253,707**	**5,874.56**	**450,246.52**	
Beetroot.....	61,345	145.37	14,565.71	100.2
Carrot.....	21,157	*	*	*
Onion.....	65,386	295.14	25,801.01	87.42
Potatoes.....	69,696	3,617.23	257,221.28	71.11
Garlic.....	182,730	1,224.43	131,258.38	107.2
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	13,713	*	-	-
Fruit Crops.....	**42,163**	**324.22**	**15,040.97**	
Avocados.....	2,570	*	-	-
Bananas.....	18,821	96.75	5,315.20	54.94
Guavas.....	*	*	-	-
Lemons.....	4,546	*	*	*
Mangoes.....	17,206	98.67	5,374.63	54.47
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**27,784**	**183.45**	**1,506.10**	**8.21**
Coffee.....	**22,641**	*****	*****	*****
Hops.....	**133,271**	**1,127.20**	**26,365.20**	**23.39**
Sugar Cane.....	**21,304**	**670.77**	**57,994.77**	**86.46**
Enset.....	**212,182**	**6,358.76**	**53,445.38**	**8.41**

Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**289,390**	**388,107.74**	**5,273,872.27**	
Cereals.....	**285,185**	**294,362.03**	**4,053,534.72**	
Teff.....	197,052	111,980.53	1,294,968.81	11.56
Barley.....	138,061	91,881.15	1,295,760.75	14.1
Wheat.....	135,839	55,689.58	846,037.61	15.19
Maize.....	98,562	4,935.28	86,961.11	17.62
Sorghum.....	62,161	28,229.56	508,436.60	18.01
Finger millet.....	*	*	*	*
Oats/'Aja'.....	8,804	*	*	*
Rice.....	*	*	*	*
Pulses.....	**199,819**	**80,751.56**	**1,133,803.59**	
Faba beans..... .	161,315	42,285.19	634,421.93	15
Field peas.....	36,647	5,793.28	73,368.01	12.66
Haricot beans.....	11,204	*	*	*
Chick-peas.....	23,068	5,084.64	71,390.87	14.04
Lentils.....	43,366	7,840.16	66,551.51	8.49
Grass Peas.....	66,673	17,606.51	265,321.19	15.07
Soya beans.....	-	-	-	-
Fenugreek.....	6,013	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**68,061**	**12,994.15**	**86,533.96**	
Neug.....	31,474	6,478.11	39,657.36	6.12
Linseed.....	32,471	6,071.24	43,836.12	7.22
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	-	-	-
Rape seed.....	10,697	*	*	*
Vegetables.....	**117,061**	**567.22**	**34,813.19**	
Lettuce.....	1,524	*	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	78,981	259	24,713.54	95.42
Tomatoes.....	4,710	*	-	-
Green peppers.....	21,417	73.8	4,789.68	64.9
Red peppers.....	20,856	*	*	*
Swiss chard.....	4,413	*	-	-
Root Crops.....	**125,282**	**897.34**	**98,749.73**	
Beetroot.....	13,550	*	*	*
Carrot.....	3,433	*	-	-
Onion.....	10,358	14.86	1,601.98	107.8
Potatoes.....	12,696	*	*	*
Garlic.....	111,635	531.2	59,871.37	112.71
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	**17,165**	*****	**6,162.69**	
Avocados.....	*	*	-	-
Bananas.....	7,290	*	*	*
Guavas.....	*	*	-	-
Lemons.....	4,766	6.69	353.89	52.9
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*****	*****	*****	*****
Coffee.....	**4,138**	*****	*****	*****
Hops.....	**68,503**	**532.04**	**9,550.12**	**17.95**
Sugar Cane.....	**4,743**	*****	*****	*****
Enset.....	**9,477**	**21.58**	**-**	**-**

Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

East Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**275,012**	**431,154.15**	**7,507,892.84**	
Cereals.....	**271,326**	**335,282.22**	**5,994,491.86**	
Teff.....	186,501	137,357.45	1,593,110.52	11.6
Barley.....	54,861	11,065.31	141,412.89	12.78
Wheat.....	143,509	94,407.85	1,823,582.82	19.32
Maize.....	186,962	86,431.94	2,345,685.33	27.14
Sorghum.....	26,345	5,625.22	84,296.33	14.99
Finger millet.....	-	-	-	-
Oats/'Aja'.....	3,514	*	*	*
Rice.....	-	-	-	-
Pulses.....	**174,199**	**95,405.47**	**1,509,169.84**	
Faba beans..... .	69,786	9,068.38	140,065.74	15.45
Field peas.....	20,285	3,969.51	49,198.91	12.39
Haricot beans.....	95,031	37,117.25	494,605.69	13.33
Chick-peas.....	51,209	22,310.66	463,072.46	20.76
Lentils.....	40,649	14,151.24	220,537.22	15.58
Grass Peas.....	44,129	8,001.44	130,129.16	16.26
Soya beans.....	-	-	-	-
Fenugreek.....	9,966	786.99	11,560.65	14.69
Gibto.....	-	-	-	-
Oilseeds.....	**19,410**	**466.47**	**4,231.15**	
Neug.....	*	*	*	*
Linseed.....	5,755	195.21	1,476.02	7.56
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	11,045	142.73	1,309.80	9.18
Vegetables.....	**68,519**	**3,842.69**	**353,194.96**	
Lettuce.....	*	*	-	-
Head Cabbage.....	3,765	*	*	*
Ethiopian Cabbage.....	42,673	1,366.37	132,182.53	96.74
Tomatoes.....	12,348	*	*	*
Green peppers.....	23,894	262.26	24,865.26	94.81
Red peppers.....	8,081	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**42,229**	**2,022.14**	**196,229.16**	
Beetroot.....	4,461	19.18	2,492.77	129.97
Carrot.....	2,111	2.28	277.64	121.77
Onion.....	14,742	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	28,861	359.69	42,555.26	118.31
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	**5,592**	*****	*****	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	1,260	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	-	-
Chat.....	*****	*****	*****	*****
Coffee.....	*****	*****	*****	*****
Hops.....	**33,880**	**1,879.74**	**44,906.99**	**23.89**
Sugar Cane.....	*****	*****	*****	*****
Enset.....	**1,314**	*****	*****	*****

Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**463,949**	**559,893.09**	**9,770,287.89**	
Cereals.....	**450,294**	**424,066.37**	**8,025,829.96**	
Teff.....	197,260	79,188.35	818,286.90	10.33
Barley.....	214,193	94,403.01	1,692,629.85	17.93
Wheat.....	265,607	145,291.32	3,070,950.79	21.14
Maize.....	261,829	66,532.19	1,503,014.96	22.59
Sorghum.....	112,545	33,800.61	871,016.73	25.77
Finger millet.....	*	*	-	-
Oats/'Aja'.....	32,586	3,953.53	69,930.73	17.69
Rice.....	*	*	-	-
Pulses.....	**270,117**	**69,651.06**	**1,077,114.13**	
Faba beans..... .	156,213	27,985.39	466,067.54	16.65
Field peas.....	62,757	12,164.31	154,430.99	12.7
Haricot beans.....	95,845	23,420.63	382,378.22	16.33
Chick-peas.....	7,351	658.9	9,718.12	14.75
Lentils.....	13,087	669.05	8,519.38	12.73
Grass Peas.....	25,176	3,750.16	45,759.33	12.2
Soya beans.....	-	-	-	-
Fenugreek.....	20,203	1,002.61	10,240.55	10.21
Gibto.....	-	-	-	-
Oilseeds.....	**172,216**	**66,175.67**	**667,343.80**	
Neug.....	30,575	8,036.27	54,957.38	6.84
Linseed.....	123,862	48,805.18	494,805.59	10.14
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	45,081	9,159.77	115,923.58	12.66
Vegetables.....	**129,618**	**3,447.84**	**130,555.24**	
Lettuce.....	-	-	-	-
Head Cabbage.....	16,180	*	-	-
Ethiopian Cabbage.....	79,386	878.44	24,587.45	27.99
Tomatoes.....	5,372	*	*	*
Green peppers.....	30,073	415.88	24,490.90	58.89
Red peppers.....	20,450	*	*	*
Swiss chard.....	2,770	*	-	-
Root Crops.....	**126,824**	**8,432.35**	**593,091.69**	
Beetroot.....	28,264	341.76	32,262.09	94.4
Carrot.....	15,181	*	*	*
Onion.....	33,860	*	*	*
Potatoes.....	22,243	*	*	*
Garlic.....	58,949	1,277.63	169,695.04	132.82
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	9,276	*	*	*
Fruit Crops.....	**31,178**	**723.11**	**42,692.70**	
Avocados.....	*	*	-	-
Bananas.....	21,846	614.7	28,792.36	46.84
Guavas.....	*	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	3,593	6.48	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**32,135**	**2,560.79**	**16,721.96**	**6.53**
Coffee.....	**41,043**	**3,410.01**	**26,359.34**	**7.73**
Hops.....	**44,908**	**551.08**	**10,663.32**	**19.35**
Sugar Cane.....	**12,062**	*****	*****	*****
Enset.....	**37,111**	**235.49**	**6,139.93**	**26.07**

Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

West Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**336,027**	**227,944.88**	**3,520,577.47**	
Cereals.....	**333,994**	**197,789.22**	**3,109,568.77**	
Teff.....	49,697	4,719.40	45,422.15	9.62
Barley.....	86,799	7,406.34	*	*
Wheat.....	34,893	2,977.52	46,361.79	15.57
Maize.....	282,499	63,508.93	1,110,698.11	17.49
Sorghum.....	267,397	117,513.43	1,769,866.04	15.06
Finger millet.....	17,839	1,500.23	*	*
Oats/'Aja'.....	4,511	163.36	1,419.26	8.69
Rice.....	-	-	-	-
Pulses.....	**187,837**	**25,230.75**	**361,539.91**	
Faba beans..... .	28,904	2,456.31	31,243.11	12.72
Field peas.....	7,826	*	3,556.45	*
Haricot beans.....	149,079	19,146.65	290,882.52	15.19
Chick-peas.....	21,680	1,525.01	19,741.98	12.95
Lentils.....	12,659	480.51	2,837.73	5.91
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	37,692	1,050.67	13,027.52	12.4
Gibto.....	*	*	-	-
Oilseeds.....	**66,118**	**4,924.91**	**49,468.78**	
Neug.....	*	*	*	*
Linseed.....	31,450	818.06	3,911.97	4.78
Groundnuts.....	13,390	*	*	*
Safflower.....	*	*	-	-
Sesame.....	23,243	*	*	*
Rape seed.....	3,257	*	*	*
Vegetables.....	**107,219**	**4,123.27**	**102,651.43**	
Lettuce.....	*	*	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	4,862	35.05	-	-
Green peppers.....	24,345	130.01	8,653.64	66.56
Red peppers.....	76,221	3,850.50	83,170.79	21.6
Swiss chard.....	*	*	-	-
Root Crops.....	**121,339**	**6,055.80**	**472,990.01**	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	53,712	2,687.48	284,013.05	105.68
Potatoes.....	14,083	279.27	18,794.75	67.3
Garlic.....	7,120	66.04	7,398.81	112.04
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	67,862	2,952.69	161,393.97	54.66
Fruit Crops.....	**126,741**	**1,396.08**	**84,556.61**	
Avocados.....	*	*	*	*
Bananas.....	51,383	627.11	36,592.11	58.35
Guavas.....	65,220	301.34	5,131.79	17.03
Lemons.....	16,539	33.87	1,075.08	31.74
Mangoes.....	33,953	182.11	13,419.91	73.69
Oranges.....	26,884	122.49	8,880.82	72.5
Papayas.....	35,667	119.64	19,209.74	160.56
Pineapples.....	-	-	-	-
Chat.....	**229,474**	**30,103.43**	**178,513.34**	**5.93**
Coffee.....	**140,022**	**15,575.04**	**79,744.22**	**5.12**
Hops.....	**8,695**	**21.29**	**186.52**	**8.76**
Sugar Cane.....	**22,091**	**802.64**	**327,461.28**	**407.98**
Enset.....	*****	*****	**-**	**-**

Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

East Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**465,346**	**253,910.31**	**3,841,069.93**	
Cereals.....	**464,307**	**222,444.29**	**3,510,192.37**	
Teff.....	30,912	3,529.62	30,277.95	8.58
Barley.....	59,783	*	52,325.60	*
Wheat.....	71,004	*	*	*
Maize.....	382,416	63,696.17	1,390,228.00	21.83
Sorghum.....	345,977	137,163.26	1,865,226.15	13.6
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	**138,050**	**7,143.58**	**97,848.67**	
Faba beans..... .	31,137	1,428.65	17,308.71	12.12
Field peas.....	*	*	*	*
Haricot beans.....	84,529	3,863.44	60,036.77	15.54
Chick-peas.....	13,495	570.38	*	*
Lentils.....	12,042	358.91	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	40,980	735.05	8,625.88	11.74
Gibto.....	-	-	-	-
Oilseeds.....	**137,220**	**24,322.45**	**233,028.89**	
Neug.....	-	-	-	-
Linseed.....	51,101	1,751.78	14,106.97	8.05
Groundnuts.....	78,450	21,004.22	202,263.98	9.63
Safflower.....	-	-	-	-
Sesame.....	21,585	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	**45,272**	**765.73**	*****	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	2,881	*	*	*
Green peppers.....	28,762	*	*	*
Red peppers.....	10,608	124.58	939.35	7.54
Swiss chard.....	-	-	-	-
Root Crops.....	**207,859**	**9,262.90**	**829,988.40**	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	20,994	*	*	*
Potatoes.....	22,866	*	*	*
Garlic.....	17,579	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	176,840	6,754.10	566,804.28	83.92
Fruit Crops.....	**136,824**	**1,214.48**	**75,284.13**	
Avocados.....	*	*	-	-
Bananas.....	62,050	526.49	31,126.36	59.12
Guavas.....	42,137	158.92	2,501.40	15.74
Lemons.....	3,872	*	*	*
Mangoes.....	35,827	301.4	16,869.35	55.97
Oranges.....	*	*	*	*
Papayas.....	43,353	196.1	22,384.42	114.15
Pineapples.....	-	-	-	-
Chat.....	**345,373**	**36,452.16**	**350,669.74**	**9.62**
Coffee.....	**119,756**	**4,995.21**	**35,815.65**	**7.17**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	**30,726**	**864.09**	**350,233.40**	**405.32**
Enset.....	*****	*****	**-**	**-**

Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Bale

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**283,675**	**301,823.52**	**5,952,394.88**	
Cereals.....	**280,545**	**269,117.06**	**5,490,459.70**	
Teff.....	108,674	49,039.89	533,052.60	10.87
Barley.....	94,943	27,701.45	521,640.62	18.83
Wheat.....	155,615	122,173.97	2,914,236.08	23.85
Maize.....	160,262	33,566.70	905,477.44	26.98
Sorghum.....	64,864	24,011.38	416,176.26	17.33
Finger millet.....	*	*	*	*
Oats/'Aja'.....	55,963	12,620.59	199,865.35	15.84
Rice.....	-	-	-	-
Pulses.....	**94,648**	**17,411.40**	**304,223.36**	
Faba beans..... .	25,420	5,591.95	108,047.06	19.32
Field peas.....	20,033	5,566.52	*	*
Haricot beans.....	36,151	2,383.29	26,955.24	11.31
Chick-peas.....	12,060	1,231.20	15,042.38	12.22
Lentils.....	8,205	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	-	-
Fenugreek.....	12,380	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**40,367**	**15,295.07**	**157,711.82**	
Neug.....	12,044	*	*	*
Linseed.....	21,841	10,161.03	117,020.66	11.52
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	7,388	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	**47,658**	**2,378.42**	**58,127.67**	
Lettuce.....	*	*	-	-
Head Cabbage.....	3,370	*	*	*
Ethiopian Cabbage.....	17,528	192.26	14,706.28	76.49
Tomatoes.....	2,447	*	*	*
Green peppers.....	16,910	274.87	16,986.88	61.8
Red peppers.....	18,276	1,650.50	7,542.76	4.57
Swiss chard.....	-	-	-	-
Root Crops.....	**45,781**	**2,901.07**	**175,662.33**	
Beetroot.....	1,853	*	*	*
Carrot.....	*	*	*	*
Onion.....	26,191	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	9,310	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	**34,748**	**902.7**	**68,353.93**	
Avocados.....	1,926	*	-	-
Bananas.....	19,697	543.1	37,381.55	68.83
Guavas.....	5,216	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	10,180	139.95	3,690.44	26.37
Oranges.....	*	*	*	*
Papayas.....	12,011	148.63	21,692.94	145.95
Pineapples.....	-	-	-	-
Chat.....	**30,520**	**4,099.32**	**25,620.73**	**6.25**
Coffee.....	**38,412**	**11,139.47**	**76,305.39**	**6.85**
Hops.....	**5,195**	*****	*****	*****
Sugar Cane.....	**4,650**	**168.45**	**60,785.53**	**360.85**
Enset.....	*****	*****	*****	*****

Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Borena

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**97,536**	**38,709.94**	**573,840.27**	
Cereals.....	**80,320**	**24,295.47**	**398,996.27**	
Teff.....	34,230	7,831.83	92,420.87	11.8
Barley.....	13,490	1,232.87	17,013.65	13.8
Wheat.....	13,020	2,048.74	30,301.58	14.79
Maize.....	58,123	11,074.35	227,252.02	20.52
Sorghum.....	*	*	*	*
Finger millet.....	*	*	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**69,614**	**14,196.80**	**172,636.55**	
Faba beans..... .	5,798	270.9	4,810.93	17.76
Field peas.....	2,314	56.19	*	*
Haricot beans.....	64,961	13,232.34	158,629.51	11.99
Chick-peas.....	3,656	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**1,706**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	**46,309**	**632.57**	**51,945.08**	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	39,809	506.5	43,032.44	84.96
Tomatoes.....	*	*	*	*
Green peppers.....	13,562	122.62	8,850.62	72.18
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**19,565**	**650.2**	**60,647.48**	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	834	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	13,734	480.17	47,056.64	98
Fruit Crops.....	**32,463**	**823.68**	**36,471.37**	
Avocados.....	12,671	*	*	*
Bananas.....	25,643	642.17	26,020.67	40.52
Guavas.....	*	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	2,131	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**14,760**	**1,358.91**	**7,202.23**	**5.3**
Coffee.....	**55,385**	**10,841.83**	**106,466.79**	**9.82**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	**10,174**	**546.49**	**212,607.09**	**389.04**
Enset.....	**63,567**	**8,198.44**	**172,569.04**	**21.05**

Table 7.13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

South West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	242465	305806.1	3989812.2	
Cereals.....	237551	221126	2928968.3	
Teff.....	171127	123394.4	1447795.8	11.73
Barley.....	65788	15916.85	198885.1	12.5
Wheat.....	151615	62156.95	933226.28	15.01
Maize.....	145123	14434.51	254622.4	17.64
Sorghum.....	28856	5060.04	92497.72	18.28
Finger millet.....	-	-	-	-
Oats/'Aja'.....	2069	*	*	*
Rice.....	*	*	*	*
Pulses.....	171703	68029.44	955373.48	
Faba beans..... .	96451	10966.57	140797.81	12.84
Field peas.....	26121	4406.6	47010.44	10.67
Haricot beans.....	16933	*	*	*
Chick-peas.....	77857	25227.94	379317.5	15.04
Lentils.....	34334	4217.53	37120.7	8.8
Grass Peas.....	86068	20525.08	315642.61	15.38
Soya beans.....	*	*	*	*
Fenugreek.....	18381	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	80121	16650.6	105470.45	
Neug.....	35058	8730.69	52407.91	6
Linseed.....	29696	7460.46	47915.27	6.42
Groundnuts.....	*	*	*	*
Safflower.....	1722	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	31034	415.66	4651.12	11.19
Vegetables.....	151949	2901.17	130390.82	
Lettuce.....	3938	*	-	-
Head Cabbage.....	19703	60.25	6115.81	101.51
Ethiopian Cabbage.....	127200	684.95	45583.22	66.55
Tomatoes.....	*	*	*	*
Green peppers.....	64156	260.22	17744.18	68.19
Red peppers.....	*	*	-	-
Swiss chard.....	4288	16.25	305.31	18.79
Root Crops.....	98479	*	*	
Beetroot.....	30194	107.6	10781.91	100.2
Carrot.....	10979	18.16	2451.51	135
Onion.....	18315	*	*	*
Potatoes.....	32316	659.82	46919.84	71.11
Garlic.....	48038	189.6	20324.74	107.2
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	21789	111.55	6750.7	
Avocados.....	*	*	-	-
Bananas.....	12961	50.96	2799.68	54.94
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	2262	*	*	*
Papayas.....	7412	*	*	*
Pineapples.....	-	-	-	-
Chat.....	48275	1625.48	13345.16	8.21
Coffee.....	31840	333.38	1873.59	5.62
Hops.....	65722	745.51	17437.46	23.39
Sugar Cane.....	10779	*	*	*
Enset.....	128087	10890.1	82884.54	7.61

Table 7.14 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Guji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	166576	100304.3	1717104.3	
Cereals.....	153717	84286.99	1518383.5	
Teff.....	39003	14140.07	137367.95	9.71
Barley.....	56826	18182.62	297928.18	16.39
Wheat.....	33134	19930.23	*	*
Maize.....	116393	31896.34	723073.28	22.67
Sorghum.....	1621	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	93905	15942.2	198396.72	
Faba beans..... .	57503	6401.14	91742.87	14.33
Field peas.....	18273	2420.06	35114.94	14.51
Haricot beans.....	39350	6352.05	69168.91	10.89
Chick-peas.....	2349	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	5314	75.11	324.1	
Neug.....	*	*	-	-
Linseed.....	*	9.5	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	3537	*	*	*
Vegetables.....	91458	2131.18	177097.81	
Lettuce.....	-	-	-	-
Head Cabbage.....	1323	*	-	-
Ethiopian Cabbage.....	85649	1936.56	164530.27	84.96
Tomatoes.....	*	*	*	*
Green peppers.....	18287	173.04	12490.16	72.18
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	27477	644.92	55788.54	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	*	*	*	*
Potatoes.....	13408	356.76	27748.74	77.78
Garlic.....	3608	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	7698	*	*	*
Fruit Crops.....	38468	1291.16	60486.84	
Avocados.....	20657	201.99	12614.24	62.45
Bananas.....	25050	981.62	39775.34	40.52
Guavas.....	*	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	2805	*	*	*
Pineapples.....	-	-	-	-
Chat.....	6935	162.7	862.33	5.3
Coffee.....	62280	12859.44	126279.73	9.82
Hops.....	3001	12.05	117.89	9.78
Sugar Cane.....	9446	583	226810.69	389.04
Enset.....	132643	22996.13	484045.63	21.05

Table 7.15 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Kelem

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	158686	141156	2611183	
Cereals.....	156718	118185.7	2386510.1	
Teff.....	47527	13331.22	155172.16	11.64
Barley.....	34314	2788.52	30735.04	11.02
Wheat.....	37585	5568.61	90900.17	16.32
Maize.....	134955	41648.84	1025394	24.62
Sorghum.....	127917	31939.07	733993.27	22.98
Finger millet.....	105547	22867.11	349780.34	15.3
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	106286	16194.92	176871.81	
Faba beans..... .	54500	5540.05	65018.84	11.74
Field peas.....	20148	1688.67	16975.12	10.05
Haricot beans.....	70850	5675.78	65675.73	11.57
Chick-peas.....	22552	2723.99	25842.94	9.49
Lentils.....	2256	36.31	363.37	10.01
Grass Peas.....	4427	*	766.67	*
Soya beans.....	1678	*	*	*
Fenugreek.....	18398	369.04	1927.66	5.22
Gibto.....	-	-	-	-
Oilseeds.....	47391	6775.39	47801.11	
Neug.....	15308	*	15280.4	*
Linseed.....	9505	381.22	3900.53	10.23
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	17598	*	*	*
Rape seed.....	10815	499.28	*	*
Vegetables.....	102823	6015.07	74775.36	
Lettuce.....	*	*	-	-
Head Cabbage.....	5386	32.28	1920.14	59.48
Ethiopian Cabbage.....	15239	79.61	4999.38	62.8
Tomatoes.....	1264	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	88795	5840.52	65764.25	11.26
Swiss chard.....	-	-	-	-
Root Crops.....	82135	1866.49	156021.97	
Beetroot.....	5315	*	*	*
Carrot.....	1829	*	*	*
Onion.....	6602	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	8633	*	*	*
Taro/'Godere'.....	38033	288.67	23866.88	82.68
Sweet potatoes.....	47845	1124.14	92292.28	82.1
Fruit Crops.....	84566	1256.69	101855.56	
Avocados.....	2089	*	*	*
Bananas.....	71860	862.2	60103.62	69.71
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	29432	274.35	22658.66	82.59
Oranges.....	1260	*	*	*
Papayas.....	16140	102.37	17957.41	175.42
Pineapples.....	*	*	-	-
Chat.....	35257	960.88	9445.48	9.83
Coffee.....	112927	27998.89	172473.17	6.16
Hops.....	13739	106.68	1119.02	10.49
Sugar Cane.....	8718	306.44	92848.18	302.99
Enset.....	54661	391.04	2976.23	7.61

Table 7.16 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Horoguduru

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	115365	235262.8	3729150.1	
Cereals.....	114258	162112.8	3210762	
Teff.....	84762	67868.85	1094493.5	16.13
Barley.....	35831	7357.7	93040.32	12.65
Wheat.....	69323	34293.09	529651.89	15.44
Maize.....	107191	42644.03	1317500.5	30.9
Sorghum.....	14840	8570.84	162580.79	18.97
Finger millet.....	4207	*	*	*
Oats/'Aja'.....	1386	41.54	429.03	10.33
Rice.....	*	*	*	*
Pulses.....	74799	17016.44	197017.68	
Faba beans..... .	62894	9879.79	119858.19	12.13
Field peas.....	36147	6715.2	72054.98	10.73
Haricot beans.....	2476	98.55	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	18373	108.3	*	*
Gibto.....	-	-	-	-
Oilseeds.....	90481	56133.55	321370.37	
Neug.....	68509	49096.09	255159.36	5.2
Linseed.....	6967	1224.76	7119.1	5.81
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	6888	1167.38	6374.36	5.46
Rape seed.....	39348	2447.87	26274.59	10.73
Vegetables.....	61330	718.22	16957.02	
Lettuce.....	-	-	-	-
Head Cabbage.....	6074	11.91	-	-
Ethiopian Cabbage.....	3870	27.86	2195.09	78.79
Tomatoes.....	*	*	-	-
Green peppers.....	34459	116.37	8617.5	74.05
Red peppers.....	24293	558.58	6144.43	11
Swiss chard.....	*	*	-	-
Root Crops.....	69147	740.91	71237.7	
Beetroot.....	15078	31.01	2502.08	80.69
Carrot.....	5475	*	*	*
Onion.....	11321	53.22	4487.9	84.33
Potatoes.....	3103	*	*	*
Garlic.....	61077	288.5	36579.09	126.79
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	14602	126.34	*	
Avocados.....	-	-	-	-
Bananas.....	8363	55.95	1867.69	33.38
Guavas.....	-	-	-	-
Lemons.....	1244	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	2953	*	*	*
Pineapples.....	-	-	-	-
Chat.....	5956	86.5	932.5	10.78
Coffee.....	9621	*	*	*
Hops.....	40040	467.01	8471.49	18.14
Sugar Cane.....	3738	90.63	4395.59	48.5
Enset.....	*	*	*	*

Table 7.17 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

West Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	320798	310627.8	5798735.1	
Cereals.....	311496	260729.1	5209368.6	
Teff.....	46417	13429.65	142873.01	10.64
Barley.....	134613	63976.67	1209023.9	18.9
Wheat.....	125960	95956.55	1942716.5	20.25
Maize.....	183254	77452.76	1719621.6	22.2
Sorghum.....	42406	4651.43	98157.58	21.1
Finger millet.....	44003	4479.6	86068.55	19.21
Oats/'Aja'.....	4813	*	*	*
Rice.....	-	-	-	-
Pulses.....	99549	23103.25	348726.25	
Faba beans..... .	26198	3175.59	43541.16	13.71
Field peas.....	6839	*	*	*
Haricot beans.....	64681	16110.54	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	59529	26795.46	240640.24	
Neug.....	*	*	-	-
Linseed.....	46479	25370.39	225813.77	8.9
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	4668	*	*	*
Rape seed.....	12238	1022.9	12028.83	11.76
Vegetables.....	213418	3821.4	109479.95	
Lettuce.....	*	*	-	-
Head Cabbage.....	18358	*	-	-
Ethiopian Cabbage.....	196057	2693.13	75380.59	27.99
Tomatoes.....	*	*	*	*
Green peppers.....	33221	537.32	31642.84	58.89
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	114182	6180.62	492399.33	
Beetroot.....	22778	107.18	10117.8	94.4
Carrot.....	6688	*	*	*
Onion.....	5489	*	*	*
Potatoes.....	73120	5274.26	387024.9	73.38
Garlic.....	27264	670.48	89052.54	132.82
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	11526	*	*	
Avocados.....	*	*	-	-
Bananas.....	*	*	*	*
Guavas.....	-	-	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	-	-	-	-
Papayas.....	2131	*	*	*
Pineapples.....	-	-	-	-
Chat.....	3596	*	*	*
Coffee.....	*	*	*	*
Hops.....	2032	*	*	*
Sugar Cane.....	*	*	*	*
Enset.....	143652	13761.49	358803.29	26.07

Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Somali Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**92,105**	**75,142.24**	**1,676,584.22**	
Cereals.....	**91,553**	**72,451.94**	**1,635,501.98**	
Teff.....	*	*	-	-
Barley.....	7,680	*	*	*
Wheat.....	12,060	7,370.25	79,765.04	10.82
Maize.....	76,542	39,751.64	653,886.36	16.45
Sorghum.....	47,478	21,970.22	354,944.67	16.16
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	**6,264**	**773.67**	**8,602.62**	
Faba beans..... .	-	-	-	-
Field peas.....	*	*	*	*
Haricot beans.....	5,461	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	*	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**5,497**	*****	*****	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	2,491	*	*	*
Green peppers.....	1,143	9.83	*	*
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**4,177**	*****	*****	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	740	*	*	*
Fruit Crops.....	**3,193**	**178.41**	**15,323.72**	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	1,494	44.48	1,262.38	28.38
Mangoes.....	1,182	20.74	2,286.22	110.23
Oranges.....	1,349	*	*	*
Papayas.....	838	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**20,706**	**6,149.36**	**55,688.20**	**9.06**
Coffee.....	*****	*****	*****	*****
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	*****	*****	*****	*****
Enset.....	**-**	**-**	**-**	**-**

Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Shinele

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**6,193**	**2,430.05**	**35,686.48**	
Cereals.....	**6,193**	**2,429.61**	**35,686.03**	
Teff.....	*	*	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	2,137	*	4,207.68	*
Sorghum.....	5,855	2,114.87	31,478.35	14.88
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	-	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	*	*	-	-
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	1,923	123.52	14,037.84	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	-	-
Lemons.....	1,422	44.46	1,258.10	28.3
Mangoes.....	825	15.56	1,674.93	107.64
Oranges.....	1,278	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**1,783**	*****	*****	*****
Coffee.....	*****	*****	*****	*****
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	*****	*****	*****	*****
Enset.....	**-**	**-**	**-**	**-**

Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Jijiga

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**72,904**	**67,673.47**	**1,539,309.39**	
Cereals.....	**72,904**	**65,162.80**	**1,501,102.47**	
Teff.....	-	-	-	-
Barley.....	7,680	*	*	*
Wheat.....	11,989	7,369.55	79,765.04	10.82
Maize.....	62,091	34,635.96	551,706.03	15.93
Sorghum.....	41,267	19,800.52	322,725.48	16.3
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans..... .	-	-	-	-
Field peas.....	*	*	*	*
Haricot beans.....	*	*	*	*
Chick-peas.....	*	*	*	*
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	*	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	**5,030**	*****	-	
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.....	**18,923**	**5,948.99**	**53,600.42**	**9.01**
Coffee.....	*****	*****	**-**	**-**
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	**-**	**-**	**-**	**-**
Enset.....	**-**	**-**	**-**	**-**

Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Liben

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	13,009	5,038.72	101,588.36	
Cereals.....	12,456	4,859.53	98,713.49	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	12,314	4,804.01	97,972.65	20.39
Sorghum.....	356	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**2,674**	**166.57**	*	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	2,674	166.57	*	*
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.....	**889**	*****	*****	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	-	-
Papayas.....	604	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**-**	**-**	**-**	**-**
Coffee.....	**-**	**-**	**-**	**-**
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	**-**	**-**	**-**	**-**
Enset.....	**-**	**-**	**-**	**-**

Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Benishangul-Gumuz Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**153,261**	**192,422.46**	**2,895,378.05**	
Cereals.....	**152,236**	**139,633.03**	**2,419,145.07**	
Teff.....	37,235	16,276.07	162,796.27	10
Barley.....	5,799	733.69	9,871.55	13.45
Wheat.....	6,364	2,168.38	37,000.26	17.06
Maize.....	131,969	32,009.85	773,368.61	24.16
Sorghum.....	106,890	58,905.26	947,501.64	16.09
Finger millet.....	52,086	29,164.66	482,372.43	16.54
Oats/'Aja'.....	*	*	*	*
Rice.....	2,172	342.77	5,726.79	16.71
Pulses.....	**63,747**	**7,975.47**	**101,926.88**	
Faba beans..... .	8,618	824.57	12,635.82	15.32
Field peas.....	4,028	545.47	8,465.78	15.52
Haricot beans.....	39,797	4,491.32	62,078.65	13.82
Chick-peas.....	8,413	539.06	2,916.54	5.41
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	10,461	1,396.52	14,526.07	10.4
Fenugreek.....	358	4.31	58.75	13.63
Gibto.....	*	*	*	*
Oilseeds.....	**108,181**	**44,813.96**	**374,306.11**	
Neug.....	46,034	15,932.52	94,921.18	5.96
Linseed.....	9,558	496.77	2,500.98	5.03
Groundnuts.....	35,184	6,762.70	113,803.38	16.83
Safflower.....	980	24.7	*	*
Sesame.....	67,044	21,563.18	162,847.47	7.55
Rape seed.....	1,747	34.1	205.24	6.02
Vegetables.....	**54,780**	**1,103.57**	**28,965.53**	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,237	3.12	*	*
Ethiopian Cabbage.....	2,996	23.58	1,093.93	46.39
Tomatoes.....	*	11.45	*	*
Green peppers.....	7,197	*	*	*
Red peppers.....	44,566	959.94	18,925.41	19.72
Swiss chard.....	*	*	-	-
Root Crops.....	**44,620**	**846.13**	**77,203.19**	
Beetroot.....	378	*	*	*
Carrot.....	477	*	*	*
Onion.....	6,768	40.25	3,596.61	89.36
Potatoes.....	5,149	*	*	*
Garlic.....	8,458	55.01	6,295.74	114.45
Taro/'Godere'.....	4,381	22.29	943.23	42.32
Sweet potatoes.....	30,118	415.19	33,511.28	80.71
Fruit Crops.....	**63,004**	**943.19**	**72,293.69**	
Avocados.....	1,204	2	22.26	11.13
Bananas.....	23,637	340.47	19,460.34	57.16
Guavas.....	5,859	12.41	30.42	2.45
Lemons.....	7,471	20.92	918.64	43.91
Mangoes.....	43,169	468.06	37,469.54	80.05
Oranges.....	9,993	32.8	1,462.44	44.59
Papayas.....	15,583	66.34	12,930.05	194.91
Pineapples.....	*	*	-	-
Chat.....	**11,307**	**207.33**	*****	*****
Coffee.....	**21,557**	**1,031.91**	**3,983.25**	**3.86**
Hops.....	**13,325**	**62.91**	**1,416.95**	**22.52**
Sugar Cane.....	*****	*****	**10,167.63**	*****
Enset.....	**1,273**	**9.07**	**-**	**-**

Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Metekel

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**54,074**	**97,300.74**	**1,622,263.02**	
Cereals.....	**53,647**	**71,245.11**	**1,337,020.33**	
Teff.....	18,701	11,893.08	122,717.47	10.32
Barley.....	4,893	679.9	9,426.36	13.86
Wheat.....	5,459	2,066.12	36,244.52	17.54
Maize.....	43,613	14,678.40	431,194.89	29.38
Sorghum.....	24,406	17,846.88	315,470.19	17.68
Finger millet.....	29,900	24,028.45	420,983.10	17.52
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	**28,848**	**4,420.86**	**64,800.11**	
Faba beans..... .	7,916	779.42	12,164.43	15.61
Field peas.....	3,814	539.57	8,411.20	15.59
Haricot beans.....	19,305	2,889.66	42,457.93	14.69
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	*	*
Oilseeds.....	**36,872**	**21,634.78**	**220,442.58**	
Neug.....	12,706	6,458.88	55,065.21	8.53
Linseed.....	*	*	1,190.55	*
Groundnuts.....	14,617	4,246.85	80,541.70	18.97
Safflower.....	*	*	*	*
Sesame.....	22,422	10,689.23	83,481.65	7.81
Rape seed.....	1,380	17.7	*	*
Vegetables.....	**26,509**	**482.01**	**14,469.85**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	594	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	3,370	*	*	*
Red peppers.....	22,350	442.08	11,171.26	25.27
Swiss chard.....	*	*	-	-
Root Crops.....	**14,102**	*****	*****	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	4,298	19.51	2,421.03	124.09
Potatoes.....	4,834	*	*	*
Garlic.....	7,070	49.28	5,718.78	116.05
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	3,520	42.81	4,596.99	107.38
Fruit Crops.....	**10,073**	**96.72**	**11,210.32**	
Avocados.....	*	*	-	-
Bananas.....	3,288	37.83	2,305.05	60.93
Guavas.....	-	-	-	-
Lemons.....	2,019	6.07	421.18	69.39
Mangoes.....	5,886	25.46	2,694.53	105.83
Oranges.....	*	*	*	*
Papayas.....	2,571	24.33	5,401.37	222
Pineapples.....	-	-	-	-
Chat.....	*****	*****	*****	*****
Coffee.....	*****	*****	*****	*****
Hops.....	**7,110**	**34.4**	**644.41**	**18.73**
Sugar Cane.....	*****	*****	*****	*****
Enset.....	**-**	**-**	**-**	**-**

Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Asosa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**61,367**	**53,681.15**	**670,597.49**	
Cereals.....	**61,279**	**39,274.89**	**593,931.64**	
Teff.....	13,933	3,169.42	30,934.56	9.76
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	55,262	9,736.70	193,841.66	19.91
Sorghum.....	51,851	24,317.68	350,029.17	14.39
Finger millet.....	12,768	2,005.63	18,338.51	9.14
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	**18,857**	**1,969.36**	**16,169.08**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	6,198	422.08	4,036.56	9.56
Chick-peas.....	7,787	466.35	2,324.58	4.98
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	9,088	1,080.83	9,807.82	9.07
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**41,653**	**12,436.91**	**60,496.77**	
Neug.....	24,784	8,122.23	32,026.43	3.94
Linseed.....	4,901	171.06	558.8	3.27
Groundnuts.....	12,731	660	4,722.06	7.15
Safflower.....	*	*	-	-
Sesame.....	19,965	3,465.55	23,189.49	6.69
Rape seed.....	*	*	-	-
Vegetables.....	**18,720**	**422.09**	**7,082.01**	
Lettuce.....	-	-	-	-
Head Cabbage.....	958	*	*	*
Ethiopian Cabbage.....	1,153	*	*	*
Tomatoes.....	*	*	-	-
Green peppers.....	*	*	*	*
Red peppers.....	16,619	404.68	5,746.41	14.2
Swiss chard.....	-	-	-	-
Root Crops.....	**15,069**	**142.8**	**14,147.47**	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	1,801	*	*	*
Potatoes.....	*	*	-	-
Garlic.....	894	*	*	*
Taro/'Godere'.....	1,539	*	*	*
Sweet potatoes.....	12,572	125.86	12,326.32	97.94
Fruit Crops.....	**39,133**	**600.18**	**53,189.76**	
Avocados.....	767	1.59	22.26	14
Bananas.....	13,666	202.61	15,878.87	78.37
Guavas.....	5,306	10.82	-	-
Lemons.....	4,650	12.38	436.64	35.27
Mangoes.....	29,696	344.36	32,982.47	95.78
Oranges.....	6,954	12.66	995.01	78.59
Papayas.....	9,403	15.76	2,874.50	182.39
Pineapples.....	-	-	-	-
Chat.....	**7,705**	**81.1**	**-**	**-**
Coffee.....	**14,285**	**198.23**	**1,486.74**	**7.5**
Hops.....	**6,170**	**28.2**	**768.96**	**27.27**
Sugar Cane.....	*****	*****	*****	*****
Enset.....	**-**	**-**	**-**	**-**

Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Kemashi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**23,326**	**25,488.29**	**371,854.70**	
Cereals.....	**23,032**	**18,948.84**	**317,187.15**	
Teff.....	2,343	*	5,044.21	*
Barley.....	*	*	*	*
Wheat.....	-	-	-	-
Maize.....	19,448	4,536.71	84,396.98	18.6
Sorghum.....	20,649	13,227.54	224,011.02	16.94
Finger millet.....	1,493	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	**11,371**	**903.95**	**13,245.12**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	11,371	903.95	13,245.12	14.65
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**18,565**	**5,635.51**	**41,422.43**	
Neug.....	3,760	360.22	1,655.58	4.6
Linseed.....	*	*	*	*
Groundnuts.....	2,594	40.77	514.42	12.62
Safflower.....	*	*	*	*
Sesame.....	17,603	5,219.59	39,115.03	7.49
Rape seed.....	-	-	-	-
Vegetables.....	**3,993**	**105.91**	*****	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	493	*	-	-
Green peppers.....	*	*	*	*
Red peppers.....	2,297	43.21	769.65	17.81
Swiss chard.....	-	-	-	-
Root Crops.....	**8,717**	**139.14**	**13,965.75**	
Beetroot.....	-	-	-	-
Carrot.....	*	*	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Garlic.....	446	*	*	*
Taro/'Godere'.....	911	6.02	481.76	80.03
Sweet potatoes.....	8,411	128.95	13,019.02	100.96
Fruit Crops.....	**6,597**	**106.71**	**4,956.89**	
Avocados.....	*	*	-	-
Bananas.....	3,589	32.57	1,023.32	31.42
Guavas.....	*	*	*	*
Lemons.....	346	*	*	*
Mangoes.....	3,564	*	*	*
Oranges.....	*	*	*	*
Papayas.....	1,144	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**-**	**-**	**-**	**-**
Coffee.....	*****	*****	*****	*****
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	*****	**-**	**-**	**-**
Enset.....	**-**	**-**	**-**	**-**

Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Pawe special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**5,531**	**7,667.55**	**118,178.18**	
Cereals.....	**5,402**	**3,995.28**	**73,791.17**	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	5,213	816.17	21,641.74	26.52
Sorghum.....	2,226	1,051.57	20,149.61	19.16
Finger millet.....	3,138	1,850.45	27,570.63	14.9
Oats/'Aja'.....	*	*	*	*
Rice.....	656	264.03	4,311.46	16.33
Pulses.....	**1,073**	**298.68**	**4,465.17**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	91	*	*	*
Chick-peas.....	121	*	110.89	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	900	284.88	4,326.28	15.19
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**4,608**	**3,373.58**	**39,921.84**	
Neug.....	611	149.79	983.4	6.57
Linseed.....	*	*	*	*
Groundnuts.....	4,108	1,769.37	27,736.11	15.68
Safflower.....	196	*	-	-
Sesame.....	3,306	1,441.44	11,201.83	7.77
Rape seed.....	*	*	-	-
Vegetables.....	**2,453**	**53.75**	**1,635.07**	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	293	2.1	101.52	48.34
Tomatoes.....	*	*	*	*
Green peppers.....	221	2.56	285.34	111.46
Red peppers.....	1,993	48.99	1,238.10	25.27
Swiss chard.....	*	*	-	-
Root Crops.....	**1,269**	**35.06**	**3,577.62**	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	202	1.74	-	-
Sweet potatoes.....	1,158	33.24	3,568.95	107.37
Fruit Crops.....	**2,801**	**23.22**	**2,936.72**	
Avocados.....	-	-	-	-
Bananas.....	311	4.15	253.1	60.99
Guavas.....	467	1.56	30.16	19.33
Lemons.....	182	0.32	22.35	69.84
Mangoes.....	1,816	9.79	1,036.09	105.83
Oranges.....	68	*	*	*
Papayas.....	1,815	6.87	1,525.89	222.11
Pineapples.....	*	*	-	-
Chat.....	*****	*****	*****	*****
Coffee.....	**94**	**0.24**	**1.17**	**4.88**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	**214**	*****	*****	*****
Enset.....	**-**	**-**	**-**	**-**

Table 9.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Mao Komo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**8,963**	**8,284.73**	**112,484.66**	
Cereals.....	**8,875**	**6,168.93**	**97,214.78**	
Teff.....	2,211	374.59	3,992.53	10.66
Barley.....	819	51.26	440.63	8.6
Wheat.....	769	99.42	745.66	7.5
Maize.....	8,433	2,241.87	42,293.33	18.87
Sorghum.....	7,759	2,461.59	37,841.65	15.37
Finger millet.....	4,787	936.36	11,858.31	12.66
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	**3,598**	**382.62**	**3,247.39**	
Faba beans..... .	702	45.15	471.39	10.44
Field peas.....	214	5.9	*	*
Haricot beans.....	2,832	271.64	2,311.03	8.51
Chick-peas.....	387	*	251.47	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	149	10.35	100.29	9.69
Fenugreek.....	250	4.22	58.63	13.89
Gibto.....	-	-	-	-
Oilseeds.....	**6,483**	**1,733.18**	**12,022.48**	
Neug.....	4,174	841.4	5,190.56	6.17
Linseed.....	2,584	93.85	620.67	6.61
Groundnuts.....	1,135	45.71	289.1	6.32
Safflower.....	*	*	*	*
Sesame.....	3,749	747.37	5,859.47	7.84
Rape seed.....	206	4.83	62.24	12.89
Vegetables.....	**3,105**	**39.81**	**-**	
Lettuce.....	-	-	-	-
Head Cabbage.....	78	*	-	-
Ethiopian Cabbage.....	774	8.99	-	-
Tomatoes.....	*	*	-	-
Green peppers.....	1,265	8.45	-	-
Red peppers.....	1,307	20.98	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**5,463**	**110.2**	**-**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	656	12.07	-	-
Potatoes.....	194	*	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	1,728	8.78	-	-
Sweet potatoes.....	4,457	84.33	-	-
Fruit Crops.....	**4,399**	**116.36**	**-**	
Avocados.....	*	*	-	-
Bananas.....	2,783	63.3	-	-
Guavas.....	-	-	-	-
Lemons.....	274	*	-	-
Mangoes.....	2,207	34.88	-	-
Oranges.....	1,722	15.39	-	-
Papayas.....	650	1.81	-	-
Pineapples.....	*	*	-	-
Chat.....	**2,606**	**123.58**	**-**	**-**
Coffee.....	**3,025**	**333.64**	**-**	**-**
Hops.....	*****	*****	**-**	**-**
Sugar Cane.....	**137**	*****	**-**	**-**
Enset.....	**1,273**	**9.07**	**-**	**-**

Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

S.N.N.P. Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**2462561**	**964379.2**	**14336202**	
Cereals.....	**2301728**	**785304.4**	**12462667**	
Teff.....	785900	194962.3	2100600.3	10.77
Barley.....	668676	76437.71	1054873.9	13.8
Wheat.....	627198	113660.3	2170032.8	19.09
Maize.....	1498650	280446	5286700.8	18.85
Sorghum.....	672405	111055.1	1727976.8	15.56
Finger millet.....	70851	6047.57	78967.45	13.06
Oats/'Aja'.....	12289	485.59	4186.15	8.62
Rice.....	8481	*	*	*
Pulses.....	**1538445**	**171584**	**1821726.8**	
Faba beans..... .	729517	59706.69	710905.11	11.91
Field peas.....	374572	40570.06	401056.15	9.89
Haricot beans.....	844924	61000.21	601770.38	9.87
Chick-peas.....	53736	8052.19	89407.37	11.1
Lentils.....	24831	996.2	6007.43	6.03
Grass Peas.....	7745	662.81	8892.79	13.42
Soya beans.....	7625	203.71	1540.2	7.56
Fenugreek.....	25402	312.64	2130.54	6.81
Gibto.....	*	*	*	*
Oilseeds.....	**140539**	**7490.76**	**51807.59**	
Neug.....	5929	1309.94	11780.79	8.99
Linseed.....	74458	2427.38	18502.18	7.62
Groundnuts.....	13052	770.24	6114.46	7.94
Safflower.....	9606	166.31	1071.61	6.44
Sesame.....	9455	2232.33	10943.79	4.9
Rape seed.....	34289	584.57	3394.78	5.81
Vegetables.....	**1850595**	**50636.6**	**2741576.2**	
Lettuce.....	17282	20.84	-	-
Head Cabbage.....	159331	668.82	40029.63	59.85
Ethiopian Cabbage.....	1695158	19645.79	1842323.3	93.78
Tomatoes.....	42026	560.98	65393.82	116.57
Green peppers.....	213270	1314.81	116448.03	88.57
Red peppers.....	259905	28382.25	674117.96	23.75
Swiss chard.....	41116	43.1	3263.52	75.72
Root Crops.....	**1308004**	**42015.91**	**3509634.6**	
Beetroot.....	145484	379.76	34170.14	89.98
Carrot.....	67596	187.33	9463.72	50.52
Onion.....	129444	762.79	85726.03	112.38
Potatoes.....	263897	7490.74	579530.4	77.37
Garlic.....	107168	449.34	18704.28	41.63
Taro/'Godere'.....	724338	22387.2	1785834.1	79.77
Sweet potatoes.....	410398	10358.75	996205.92	96.17
Fruit Crops.....	**1228068**	**24898.12**	**1962517**	
Avocados.....	544982	3418.14	229857.06	67.25
Bananas.....	842139	17803.55	1308341.7	73.49
Guavas.....	47618	216.62	3942.03	18.2
Lemons.....	41765	216.85	*	*
Mangoes.....	220755	1557.22	137194.78	88.1
Oranges.....	140470	601.74	84222.72	139.97
Papayas.....	233903	1056.68	182739.04	172.94
Pineapples.....	7630	27.32	*	*
Chat.....	**608700**	**25089.6**	**265970.04**	**10.6**
Coffee.....	**1514869**	**97185.46**	**612679.87**	**6.3**
Hops.....	**230846**	**1554.65**	**28636.51**	**18.42**
Sugar Cane.....	**403002**	**6574.42**	**2430471.1**	**369.69**
Enset.....	**2320808**	**196066.1**	**4040012.6**	**20.61**

Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Gurage

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**274,963**	**95,726.17**	**1,616,464.68**	
Cereals.....	**270,423**	**84,056.84**	**1,469,281.91**	
Teff.....	55,938	19,128.86	187,156.86	9.78
Barley.....	127,367	13,870.99	249,404.82	17.98
Wheat.....	122,037	16,594.07	357,101.95	21.52
Maize.....	145,764	28,384.98	580,522.19	20.45
Sorghum.....	41,690	5,928.75	93,605.98	15.79
Finger millet.....	-	-	-	-
Oats/'Aja'.....	3,217	*	*	*
Rice.....	*	*	-	-
Pulses.....	**137,589**	**10,265.47**	**134,398.25**	
Faba beans..... .	98,193	3,759.06	55,142.34	14.67
Field peas.....	25,871	1,005.33	16,440.63	16.35
Haricot beans.....	42,364	*	*	*
Chick-peas.....	11,666	*	*	*
Lentils.....	2,621	*	*	*
Grass Peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**21,776**	**1,403.85**	**12,784.52**	
Neug.....	5,176	1,242.00	11,406.63	9.18
Linseed.....	5,813	71.63	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	-	-
Rape seed.....	10,244	*	*	*
Vegetables.....	**261,042**	**7,826.82**	**397,457.80**	
Lettuce.....	*	*	-	-
Head Cabbage.....	52,318	129.45	11,953.41	92.34
Ethiopian Cabbage.....	237,945	2,060.98	176,234.65	85.51
Tomatoes.....	*	*	*	*
Green peppers.....	19,755	31.49	1,482.87	47.09
Red peppers.....	44,280	5,571.12	204,627.16	36.73
Swiss chard.....	30,539	24.48	2,725.05	111.32
Root Crops.....	**138,154**	**2,123.04**	**156,371.65**	
Beetroot.....	18,103	11.6	1,170.49	100.9
Carrot.....	27,761	33.36	3,937.56	118.03
Onion.....	15,674	10.62	103.86	9.78
Potatoes.....	50,906	983.08	96,066.20	97.72
Garlic.....	38,534	*	-	-
Taro/'Godere'.....	50,324	801.48	55,093.53	68.74
Sweet potatoes.....	4,018	*	-	-
Fruit Crops.....	**98,980**	**844.88**	**63,774.42**	
Avocados.....	47,751	184.49	8,307.51	45.03
Bananas.....	35,648	215.63	8,403.05	38.97
Guavas.....	7,931	*	*	*
Lemons.....	6,897	*	*	*
Mangoes.....	9,912	25.71	979.51	38.1
Oranges.....	43,956	248.58	26,679.96	107.33
Papayas.....	36,752	93.57	17,919.18	191.51
Pineapples.....	*	*	-	-
Chat.....	**104,871**	**3,950.79**	**40,693.18**	**10.3**
Coffee.....	**112,331**	**3,561.00**	**11,217.16**	**3.15**
Hops.....	**56,634**	*****	*****	*****
Sugar Cane.....	**19,394**	**69.19**	**38,059.99**	**550.08**
Enset.....	**257,981**	**28,971.69**	**105,688.71**	**3.65**

Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Hadiya

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**229,391**	**112,964.56**	**1,885,946.77**	
Cereals.....	**226,221**	**102,063.60**	**1,744,403.70**	
Teff.....	120,142	29,388.60	313,418.13	10.66
Barley.....	57,245	4,680.50	73,150.56	15.63
Wheat.....	125,485	34,339.10	757,696.73	22.07
Maize.....	160,901	23,931.34	451,835.93	18.88
Sorghum.....	87,247	9,097.22	142,512.79	15.67
Finger millet.....	11,889	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	**116,807**	**9,767.80**	**131,694.98**	
Faba beans..... .	61,156	5,027.40	74,236.64	14.77
Field peas.....	22,663	2,088.61	25,807.29	12.36
Haricot beans.....	58,207	2,281.40	26,170.88	11.47
Chick-peas.....	4,457	*	*	*
Lentils.....	5,740	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**16,990**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	11,393	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	**217,597**	**4,627.19**	**317,505.95**	
Lettuce.....	3,575	3.03	-	-
Head Cabbage.....	26,934	68.66	5,612.58	81.74
Ethiopian Cabbage.....	214,363	2,659.85	271,783.61	102.18
Tomatoes.....	18,062	119.01	16,650.03	139.9
Green peppers.....	10,875	45.14	3,293.05	72.95
Red peppers.....	19,735	*	*	*
Swiss chard.....	2,728	*	*	*
Root Crops.....	**108,217**	**1,062.11**	**88,849.25**	
Beetroot.....	56,237	119.73	14,196.47	118.57
Carrot.....	7,687	9.07	1,096.98	120.95
Onion.....	9,149	10.64	1,287.24	120.98
Potatoes.....	28,851	535.48	39,465.10	73.7
Garlic.....	5,765	*	*	*
Taro/'Godere'.....	33,099	314.72	24,299.30	77.21
Sweet potatoes.....	13,688	58.42	6,430.64	110.08
Fruit Crops.....	**132,766**	**1,717.88**	**118,627.70**	
Avocados.....	80,603	516.91	36,132.33	69.9
Bananas.....	92,646	1,083.49	76,039.23	70.18
Guavas.....	3,477	*	*	*
Lemons.....	3,878	*	*	*
Mangoes.....	13,629	32.73	1,729.97	52.86
Oranges.....	6,924	20.03	1,771.52	88.44
Papayas.....	13,951	31.4	2,416.21	76.95
Pineapples.....	-	-	-	-
Chat.....	**58,861**	**1,427.30**	**13,273.87**	**9.3**
Coffee.....	**99,972**	**4,112.05**	**23,027.50**	**5.6**
Hops.....	**30,984**	**100.14**	**1,075.47**	**10.74**
Sugar Cane.....	**30,176**	**645.71**	**286,525.65**	**443.74**
Enset.....	**205,939**	**14,494.14**	**200,265.50**	**13.82**

Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Kembata - Tembaro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**100,153**	**32,885.96**	**509,546.34**	
Cereals.....	**95,316**	**27,685.87**	**447,757.12**	
Teff.....	51,586	8,412.97	98,191.62	11.67
Barley.....	16,549	900.68	10,807.56	12
Wheat.....	43,396	9,280.96	162,617.73	17.52
Maize.....	53,403	5,697.05	117,007.22	20.54
Sorghum.....	36,432	3,140.13	54,687.78	17.42
Finger millet.....	6,203	243.66	4,404.77	18.08
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	**59,755**	**4,846.10**	**60,505.28**	
Faba beans..... .	44,957	3,029.18	42,491.48	14.03
Field peas.....	18,592	862.78	9,520.58	11.03
Haricot beans.....	24,899	837.52	7,649.28	9.13
Chick-peas.....	1,566	32.9	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	632	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**4,274**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	3,354	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	920	*	*	*
Vegetables.....	**84,931**	**1,326.01**	**100,710.53**	
Lettuce.....	-	-	-	-
Head Cabbage.....	11,675	58.22	5,090.88	87.44
Ethiopian Cabbage.....	82,104	860.93	76,803.52	89.21
Tomatoes.....	5,974	*	*	*
Green peppers.....	4,451	*	*	*
Red peppers.....	7,090	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	**73,289**	**2,904.56**	**258,837.38**	
Beetroot.....	13,965	53.4	5,499.03	102.98
Carrot.....	5,982	*	-	-
Onion.....	3,010	*	*	*
Potatoes.....	22,315	552.38	46,521.03	84.22
Garlic.....	*	*	*	*
Taro/'Godere'.....	41,900	1,837.55	166,078.22	90.38
Sweet potatoes.....	25,328	376.89	37,654.92	99.91
Fruit Crops.....	**82,452**	**1,623.27**	**119,106.22**	
Avocados.....	61,328	399.59	24,302.90	60.82
Bananas.....	62,439	1,054.47	79,749.73	75.63
Guavas.....	2,247	5.35	135.75	25.37
Lemons.....	*	*	*	*
Mangoes.....	21,365	91.25	8,398.29	92.04
Oranges.....	8,535	35.59	1,558.69	43.8
Papayas.....	5,566	26.28	4,665.21	177.52
Pineapples.....	-	-	-	-
Chat.....	**12,513**	**501.84**	**5,234.16**	**10.43**
Coffee.....	**70,929**	**2,734.10**	**14,490.73**	**5.3**
Hops.....	**16,286**	**65.41**	**930.79**	**14.23**
Sugar Cane.....	**25,272**	**377.62**	**120,340.47**	**318.68**
Enset.....	**100,384**	**5,783.69**	**66,072.85**	**11.42**

Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Sidama

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**460,944**	**74,821.94**	**1,386,248.70**	
Cereals.....	**408,410**	**61,989.53**	**1,230,325.31**	
Teff.....	21,331	*	42,151.19	*
Barley.....	72,753	8,621.63	128,222.23	14.87
Wheat.....	44,191	4,972.09	91,229.27	18.35
Maize.....	340,957	44,770.67	958,199.74	21.4
Sorghum.....	20,462	*	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	**251,458**	**12,779.49**	**155,546.01**	
Faba beans..... .	102,891	4,176.45	58,964.08	14.12
Field peas.....	18,171	665.75	7,667.49	11.52
Haricot beans.....	141,901	7,859.63	88,906.05	11.31
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	*	*
Gibto.....	*	*	-	-
Oilseeds.....	**5,185**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	**415,813**	**9,681.34**	**539,437.11**	
Lettuce.....	-	-	-	-
Head Cabbage.....	6,830	33.75	-	-
Ethiopian Cabbage.....	383,603	5,225.15	489,074.20	93.6
Tomatoes.....	*	*	*	*
Green peppers.....	65,021	450.8	45,337.20	100.57
Red peppers.....	40,376	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**131,295**	**2,769.03**	**149,836.92**	
Beetroot.....	7,473	21.24	2,757.36	129.82
Carrot.....	3,873	*	*	*
Onion.....	*	*	*	*
Potatoes.....	27,654	*	-	-
Garlic.....	*	12.86	1,895.45	147.39
Taro/'Godere'.....	43,161	451.14	37,480.51	83.08
Sweet potatoes.....	54,142	834.24	82,381.06	98.75
Fruit Crops.....	**229,526**	**3,664.69**	**290,447.94**	
Avocados.....	107,162	650.5	46,894.89	72.09
Bananas.....	180,189	2,860.27	227,820.74	79.65
Guavas.....	13,623	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	7,101	13.42	1,544.33	115.08
Papayas.....	12,676	*	*	*
Pineapples.....	*	*	*	*
Chat.....	**251,928**	**14,801.48**	**159,411.93**	**10.77**
Coffee.....	**427,632**	**29,687.89**	**176,049.18**	**5.93**
Hops.....	**32,094**	**300.6**	**4,241.46**	**14.11**
Sugar Cane.....	**104,616**	**2,574.44**	**1,088,908.99**	**422.97**
Enset.....	**604,889**	**65,912.07**	**2,169,627.47**	**32.92**

Table 10.5 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Gedio

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**80,390**	**11,512.21**	**158,115.23**	
Cereals.....	**70,297**	**8,196.88**	**113,755.78**	
Teff.....	*	*	*	*
Barley.....	23,649	4,253.32	52,593.20	12.37
Wheat.....	3,445	*	*	*
Maize.....	50,371	2,379.14	43,010.00	18.08
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	**43,789**	**3,268.71**	**44,053.14**	
Faba beans..... .	24,441	2,312.47	35,610.66	15.4
Field peas.....	5,377	*	*	*
Haricot beans.....	21,634	523.42	4,259.62	8.14
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**1,955**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	**103,610**	**1,347.79**	**120,304.11**	
Lettuce.....	*	*	-	-
Head Cabbage.....	856	*	-	-
Ethiopian Cabbage.....	99,185	1,243.90	111,379.20	89.54
Tomatoes.....	*	*	*	*
Green peppers.....	15,848	88.03	7,875.93	89.47
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	**30,151**	**427.23**	**43,386.67**	
Beetroot.....	1,719	*	-	-
Carrot.....	1,105	*	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Garlic.....	1,293	*	-	-
Taro/'Godere'.....	20,183	175.64	18,829.89	107.21
Sweet potatoes.....	7,652	166.9	16,511.67	98.93
Fruit Crops.....	**50,442**	**709.99**	**44,706.41**	
Avocados.....	39,505	384.94	29,105.59	75.61
Bananas.....	18,371	322.73	15,006.86	46.5
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**3,779**	*****	*****	*****
Coffee.....	**125,894**	**19,305.80**	**128,190.54**	**6.64**
Hops.....	**5,611**	**73.68**	**803.89**	**10.91**
Sugar Cane.....	**11,614**	**400.76**	**144,128.24**	**359.64**
Enset.....	**143,061**	**14,622.11**	**243,662.89**	**16.66**

Table 10.6 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Wolayita

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**188084**	**61207.19**	**778693.11**	
Cereals.....	**163125**	**40783.32**	**597450.93**	
Teff.....	70610	14473.54	149487.69	10.33
Barley.....	16071	795.38	7033.86	8.84
Wheat.....	32261	2867.06	38407.66	13.4
Maize.....	115160	20791.26	378230.75	18.19
Sorghum.....	31984	1701.68	22314.31	13.11
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	**165660**	**20349.37**	**180936.71**	
Faba beans..... .	39900	1440.3	12725.33	8.84
Field peas.....	50561	2181.03	19100.62	8.76
Haricot beans.....	137645	13987.05	125298.07	8.96
Chick-peas.....	9092	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	1792	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	*	*	-	-
Oilseeds.....	**2521**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**109823**	**2187.35**	**95794.08**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	93397	909.21	66454.34	73.09
Tomatoes.....	*	*	-	-
Green peppers.....	20584	136.29	12467.73	91.48
Red peppers.....	18277	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**156605**	**6546.58**	**603797.74**	
Beetroot.....	4244	*	-	-
Carrot.....	2871	*	*	*
Onion.....	4788	*	*	*
Potatoes.....	24076	576.38	50404.03	87.45
Garlic.....	*	*	-	-
Taro/'Godere'.....	96846	2925.55	245277.99	83.84
Sweet potatoes.....	116838	2962.83	304904.56	102.91
Fruit Crops.....	**149797**	**2355.37**	**210237.64**	
Avocados.....	106371	800.86	61145.93	76.35
Bananas.....	93002	1031.83	85157.13	82.53
Guavas.....	7002	17.91	437.09	24.4
Lemons.....	6762	15.77	940.47	59.64
Mangoes.....	52210	341.67	33254.82	97.33
Oranges.....	22751	62.78	9151.99	145.78
Papayas.....	22565	78.68	19924.98	253.24
Pineapples.....	*	*	*	*
Chat.....	**3723**	*****	*****	*****
Coffee.....	**150629**	**4511.17**	**32390.22**	**7.18**
Hops.....	**11039**	**32.56**	**626.79**	**19.25**
Sugar Cane.....	**41241**	**379.8**	**191603.54**	**504.49**
Enset.....	**176597**	**6568.16**	**75034.62**	**11.42**

Table 10.7 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

South Omo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**74,302**	**41,365.40**	**600,339.03**	
Cereals.....	**72,626**	**33,165.73**	**506,186.28**	
Teff.....	12,585	4,235.86	45,995.51	10.86
Barley.....	11,195	2,144.42	26,052.40	12.15
Wheat.....	4,936	697.65	9,502.21	13.62
Maize.....	58,818	16,530.64	272,603.27	16.49
Sorghum.....	36,223	9,446.74	151,324.65	16.02
Finger millet.....	1,487	73.37	549	7.48
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	**47,770**	**6,906.78**	**86,873.16**	
Faba beans..... .	11,579	1,676.21	*	*
Field peas.....	7,580	*	*	*
Haricot beans.....	37,516	3,522.96	40,583.09	11.52
Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**9,223**	*****	**7,279.59**	
Neug.....	-	-	-	-
Linseed.....	1,700	*	*	*
Groundnuts.....	3,247	*	*	*
Safflower.....	2,702	63.26	575.16	9.09
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**20,634**	**224.49**	**16,884.21**	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,595	24.22	-	-
Ethiopian Cabbage.....	16,537	169.06	15,790.33	93.4
Tomatoes.....	2,181	*	-	-
Green peppers.....	2,488	13.96	1,060.44	75.96
Red peppers.....	606	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	**32,867**	**1,191.20**	**102,699.63**	
Beetroot.....	2,102	*	-	-
Carrot.....	423	*	-	-
Onion.....	5,711	80.19	10,028.88	125.06
Potatoes.....	*	*	*	*
Garlic.....	1,403	5.4	801.69	148.46
Taro/'Godere'.....	19,863	660.6	48,197.62	72.96
Sweet potatoes.....	13,041	330.52	37,054.49	112.11
Fruit Crops.....	**27,309**	**578.95**	**46,631.48**	
Avocados.....	1,814	9.52	-	-
Bananas.....	22,934	458.04	31,343.35	68.43
Guavas.....	*	*	-	-
Lemons.....	*	*	*	*
Mangoes.....	8,448	61	4,550.29	74.59
Oranges.....	*	*	*	*
Papayas.....	8,738	43.63	9,837.98	225.49
Pineapples.....	*	*	*	*
Chat.....	**1,045**	*****	*****	*****
Coffee.....	**28,338**	**2,349.57**	**11,418.91**	**4.86**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	**3,258**	**51.79**	**11,382.08**	**219.77**
Enset.....	**33,616**	**2,120.11**	**29,543.75**	**13.94**

Table 10.8 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Sheka

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**36,003**	**13,840.46**	**217,989.45**	
Cereals.....	**31,399**	**9,965.71**	**188,830.39**	
Teff.....	6,114	850.51	8,471.46	9.96
Barley.....	2,807	222.45	2,472.77	11.12
Wheat.....	*	*	*	*
Maize.....	9,414	997.18	18,875.23	18.93
Sorghum.....	23,329	7,510.30	152,910.93	20.36
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	**17,954**	**3,866.65**	**29,128.20**	
Faba beans..... .	6,605	1,168.54	9,260.33	7.92
Field peas.....	7,909	2,568.94	18,775.93	7.31
Haricot beans.....	10,079	129.17	1,091.94	8.45
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**764**	**8.1**	*****	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	520	*	*	*
Vegetables.....	**27,928**	**351.77**	**21,191.11**	
Lettuce.....	*	*	-	-
Head Cabbage.....	1,356	*	*	*
Ethiopian Cabbage.....	22,541	147.53	12,318.52	83.5
Tomatoes.....	782	0.6	3.71	6.18
Green peppers.....	8,058	30.87	2,465.21	79.86
Red peppers.....	5,064	135.37	4,843.63	35.78
Swiss chard.....	*	*	-	-
Root Crops.....	**28,306**	**918.96**	**77,258.34**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	3,679	15.94	956.26	59.99
Potatoes.....	*	*	*	*
Garlic.....	3,020	*	*	*
Taro/'Godere'.....	24,656	851.42	70,539.84	82.85
Sweet potatoes.....	1,650	12.45	1,855.35	149.02
Fruit Crops.....	**23,647**	**385.73**	**37,766.21**	
Avocados.....	10,196	46.14	2,391.56	51.83
Bananas.....	9,785	158.66	13,638.18	85.96
Guavas.....	*	*	-	-
Lemons.....	598	0.52	59.23	113.9
Mangoes.....	15,348	102	7,106.05	69.67
Oranges.....	7,452	42.15	8,268.54	196.17
Papayas.....	13,222	29.41	6,302.65	214.3
Pineapples.....	842	*	-	-
Chat.....	**4,352**	**72.56**	**764.02**	**10.53**
Coffee.....	**32,483**	**9,816.90**	**75,295.61**	**7.67**
Hops.....	**4,475**	**38.68**	**406.57**	**10.51**
Sugar Cane.....	**11,700**	**167.81**	**49,174.79**	**293.04**
Enset.....	**33,163**	**3,566.43**	**124,964.21**	**35.04**

Table 10.9 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Keffa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**178,157**	**122,296.17**	**1,539,709.89**	
Cereals.....	**164,701**	**83,296.69**	**1,153,432.64**	
Teff.....	120,880	28,216.17	291,533.68	10.33
Barley.....	72,269	10,594.21	106,459.34	10.05
Wheat.....	30,714	6,089.20	*	*
Maize.....	51,716	20,223.18	408,441.42	20.2
Sorghum.....	69,923	16,029.95	234,646.77	14.64
Finger millet.....	13,507	1,872.29	25,923.86	13.85
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	**154,475**	**38,589.11**	**383,717.34**	
Faba beans..... .	99,858	18,691.57	194,663.74	10.41
Field peas.....	71,789	13,519.72	127,583.56	9.44
Haricot beans.....	75,171	6,261.04	59,962.46	9.58
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	1,492	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	**21,852**	**410.37**	**2,559.91**	
Neug.....	-	-	-	-
Linseed.....	16,716	282.36	2,018.48	7.15
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	4,655	106.58	450.43	4.23
Vegetables.....	**143,564**	**2,804.41**	**128,668.03**	
Lettuce.....	*	*	-	-
Head Cabbage.....	9,501	54.39	-	-
Ethiopian Cabbage.....	127,481	873.54	89,773.37	102.77
Tomatoes.....	*	*	-	-
Green peppers.....	33,656	199.23	15,463.88	77.62
Red peppers.....	17,030	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**136,796**	**3,184.20**	**254,140.99**	
Beetroot.....	11,116	33.84	4,171.84	123.28
Carrot.....	2,477	*	-	-
Onion.....	18,066	67.97	8,513.13	125.25
Potatoes.....	8,931	*	*	*
Garlic.....	15,760	27.02	2,762.48	102.24
Taro/'Godere'.....	112,446	2,565.86	182,483.97	71.12
Sweet potatoes.....	15,317	*	*	*
Fruit Crops.....	**68,323**	**1,156.88**	**55,889.81**	
Avocados.....	12,470	47.3	2,359.33	49.88
Bananas.....	60,535	1,005.96	44,463.35	44.2
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	2,912	*	*	*
Oranges.....	4,476	*	*	*
Papayas.....	12,482	74.46	7,583.45	101.85
Pineapples.....	*	*	-	-
Chat.....	**16,117**	**130.46**	**1,732.57**	**13.28**
Coffee.....	**87,938**	**4,353.99**	**34,614.22**	**7.95**
Hops.....	**18,256**	**160.19**	**2,130.52**	**13.3**
Sugar Cane.....	**51,128**	**516.57**	**139,025.19**	**269.13**
Enset.....	**171,775**	**16,733.67**	**586,331.03**	**35.04**

Table 10.10 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Gamo Gofa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**277,529**	**111,816.68**	**1,496,336.23**	
Cereals.....	**265,496**	**96,214.84**	**1,331,503.90**	
Teff.....	102,370	28,959.71	326,892.47	11.29
Barley.....	116,032	12,684.90	146,458.96	11.55
Wheat.....	76,970	12,679.07	194,047.10	15.3
Maize.....	132,868	32,769.97	538,305.71	16.43
Sorghum.....	69,081	9,088.25	125,469.95	13.81
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	-	-	-	-
Pulses.....	**190,842**	**15,215.54**	**160,486.45**	
Faba beans..... .	73,442	4,205.95	51,777.45	12.31
Field peas.....	61,047	2,739.48	30,059.57	10.97
Haricot beans.....	117,710	7,990.60	77,149.40	9.66
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	9,093	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**16,868**	**386.29**	**4,345.88**	
Neug.....	-	-	-	-
Linseed.....	10,691	131.23	1,427.49	10.88
Groundnuts.....	3,939	*	*	*
Safflower.....	*	*	-	-
Sesame.....	2,638	131.55	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**84,210**	**1,298.26**	**93,036.30**	
Lettuce.....	-	-	-	-
Head Cabbage.....	9,670	*	*	*
Ethiopian Cabbage.....	76,307	942.8	57,906.93	61.42
Tomatoes.....	*	*	*	*
Green peppers.....	3,399	*	*	*
Red peppers.....	4,469	29.03	353	12.16
Swiss chard.....	-	-	-	-
Root Crops.....	**213,955**	**10,388.01**	**937,118.58**	
Beetroot.....	6,782	*	*	*
Carrot.....	*	*	*	*
Onion.....	35,260	110.8	13,308.56	120.11
Potatoes.....	73,748	2,808.37	278,674.50	99.23
Garlic.....	10,247	29.1	4,359.20	149.8
Taro/'Godere'.....	103,085	2,993.93	238,585.89	79.69
Sweet potatoes.....	117,173	4,427.62	401,585.53	90.7
Fruit Crops.....	**126,614**	*****	*****	
Avocados.....	11,619	35.41	913.82	25.81
Bananas.....	94,255	*	*	*
Guavas.....	*	*	*	*
Lemons.....	10,445	*	*	*
Mangoes.....	51,733	*	*	*
Oranges.....	15,901	*	*	*
Papayas.....	24,005	98.81	19,596.88	198.33
Pineapples.....	-	-	-	-
Chat.....	*****	*****	*****	*****
Coffee.....	**129,319**	**4,010.21**	**17,524.61**	**4.37**
Hops.....	**15,414**	**60.94**	**577.73**	**9.48**
Sugar Cane.....	**27,678**	**373.14**	**82,132.31**	**220.11**
Enset.....	**211,556**	**11,339.20**	**125,502.32**	**11.07**

Table 10.11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Benchi - Maji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**94,804**	**43,130.37**	**629,725.30**	
Cereals.....	**85,459**	**34,869.24**	**549,144.25**	
Teff.....	33,844	7,162.75	68,714.85	9.59
Barley.....	21,463	3,417.34	38,276.78	11.2
Wheat.....	3,052	304.51	3,201.03	10.51
Maize.....	47,103	10,514.56	192,709.32	18.33
Sorghum.....	47,545	11,639.64	213,898.09	18.38
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	-	-
Rice.....	*	*	*	*
Pulses.....	**54,122**	**8,136.31**	**79,891.36**	
Faba beans..... .	17,353	2,285.02	25,754.53	11.27
Field peas.....	14,097	2,594.12	25,536.20	9.84
Haricot beans.....	39,688	3,248.13	28,599.97	8.81
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	3,342	124.83	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	-	-
Rape seed.....	2,142	*	*	*
Vegetables.....	**66,636**	**1,013.29**	**75,168.63**	
Lettuce.....	-	-	-	-
Head Cabbage.....	2,436	27.67	-	-
Ethiopian Cabbage.....	56,940	413.73	40,276.74	97.35
Tomatoes.....	*	*	-	-
Green peppers.....	14,180	191.51	17,285.63	90.26
Red peppers.....	8,123	379.2	17,606.25	46.43
Swiss chard.....	-	-	-	-
Root Crops.....	**87,854**	**4,510.90**	**317,743.20**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	5,738	75.76	9,509.54	125.52
Potatoes.....	1,542	*	*	*
Garlic.....	2,221	*	*	*
Taro/'Godere'.....	83,864	4,386.32	304,717.32	69.47
Sweet potatoes.....	4,532	25.74	1,056.79	41.06
Fruit Crops.....	**72,059**	**1,331.88**	**112,566.46**	
Avocados.....	14,606	99.76	5,403.21	54.16
Bananas.....	52,645	903.59	62,998.41	69.72
Guavas.....	628	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	20,911	104.36	8,678.84	83.16
Oranges.....	6,580	32.57	8,265.58	253.78
Papayas.....	31,855	188.55	27,160.44	144.05
Pineapples.....	*	*	*	*
Chat.....	**21,815**	**639.79**	**6,442.69**	**10.07**
Coffee.....	**80,923**	**7,765.65**	**59,717.84**	**7.69**
Hops.....	**19,545**	**91.5**	**1,145.59**	**12.52**
Sugar Cane.....	**23,209**	**409.59**	**138,455.24**	**338.03**
Enset.....	**87,868**	**2,561.13**	**49,931.73**	**19.5**

Table 10.12 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Yem Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**17,051**	**19,364.29**	**219,343.49**	
Cereals.....	**17,012**	**15,674.10**	**188,886.38**	
Teff.....	14,249	6,213.45	66,230.04	10.66
Barley.....	11,426	1,607.37	14,631.01	9.1
Wheat.....	13,062	4,575.79	61,833.07	13.51
Maize.....	14,832	1,658.60	23,547.91	14.2
Sorghum.....	7,899	1,588.42	22,452.02	14.13
Finger millet.....	*	*	*	*
Oats/'Aja'.....	446	*	83.25	*
Rice.....	*	*	-	-
Pulses.....	**13,867**	**3,412.72**	**28,740.84**	
Faba beans..... .	10,934	1,815.09	16,240.11	8.95
Field peas.....	7,393	1,389.57	11,163.79	8.03
Haricot beans.....	3,088	46.47	439.61	9.46
Chick-peas.....	339	26.22	*	*
Lentils.....	2,765	124.57	614.2	4.93
Grass Peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	2,314	10.68	59.38	5.56
Gibto.....	-	-	-	-
Oilseeds.....	**4,082**	**277.47**	**1,716.26**	
Neug.....	*	*	*	*
Linseed.....	2,280	241.03	1,522.56	6.32
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	2,130	28.47	163.66	5.75
Vegetables.....	**14,020**	**138.21**	**12,968.94**	
Lettuce.....	*	*	-	-
Head Cabbage.....	2,389	8.08	-	-
Ethiopian Cabbage.....	13,651	105.58	11,397.88	107.95
Tomatoes.....	1,059	5.98	-	-
Green peppers.....	2,627	9.72	1,011.72	104.09
Red peppers.....	602	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**12,444**	**298.05**	**23,110.41**	
Beetroot.....	3,090	5.84	751.59	128.7
Carrot.....	656	0.91	115.21	126.6
Onion.....	730	3.02	400.73	132.69
Potatoes.....	*	*	*	*
Garlic.....	3,122	5.58	708.06	126.89
Taro/'Godere'.....	8,027	208.87	14,326.53	68.59
Sweet potatoes.....	4,962	69.24	6,317.78	91.24
Fruit Crops.....	**6,132**	**79.85**	**3,352.48**	
Avocados.....	1,294	6.06	-	-
Bananas.....	5,026	64.03	2,955.17	46.15
Guavas.....	802	2.88	69.57	24.16
Lemons.....	*	*	-	-
Mangoes.....	*	0.74	50.72	68.54
Oranges.....	835	4.93	250.3	50.77
Papayas.....	329	0.65	26.72	41.11
Pineapples.....	*	*	-	-
Chat.....	**7,087**	**177.4**	**2,027.64**	**11.43**
Coffee.....	**10,083**	**237.42**	**1,424.51**	**6**
Hops.....	**2,136**	**13.27**	**438.84**	**33.07**
Sugar Cane.....	**4,884**	**80.29**	**18,719.13**	**233.14**
Enset.....	**16,683**	**1,579.30**	**14,499.58**	**9.18**

Table 10.13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Amaro Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**28,572**	**7,978.00**	**94,015.95**	
Cereals.....	**25,691**	**6,313.82**	**77,131.98**	
Teff.....	15,809	3,927.36	47,521.02	12.1
Barley.....	10,243	918.61	9,601.95	10.45
Wheat.....	1,928	*	*	*
Maize.....	12,432	1,178.56	16,663.85	14.14
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**21,225**	**1,664.18**	**16,883.96**	
Faba beans..... .	4,364	143.88	1,540.76	10.71
Field peas.....	3,985	316.43	3,538.06	11.18
Haricot beans.....	15,899	953.08	9,545.44	10.02
Chick-peas.....	*	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	**13,364**	**191.1**	**18,396.64**	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	12,768	187.96	18,311.17	97.42
Tomatoes.....	620	*	*	*
Green peppers.....	316	1.49	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	**3,445**	**39.02**	**2,834.76**	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	340	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	2,170	29.54	2,722.29	92.16
Fruit Crops.....	**14,220**	**318.36**	**23,285.77**	
Avocados.....	4,163	29.55	2,721.07	92.08
Bananas.....	12,304	220.37	12,470.90	56.59
Guavas.....	896	*	*	*
Lemons.....	1,500	*	*	*
Mangoes.....	2,898	20.62	2,141.19	103.84
Oranges.....	898	*	-	-
Papayas.....	3,508	17.35	3,901.96	224.9
Pineapples.....	-	-	-	-
Chat.....	**1,988**	*****	*****	*****
Coffee.....	**22,412**	**1,571.30**	**11,517.60**	**7.33**
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	**5,023**	**135.33**	**54,554.47**	**403.12**
Enset.....	**32,553**	**3,479.22**	**62,880.01**	**18.07**

Table 10.14 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Burji Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**7,756**	**5,162.34**	**61,307.74**	
Cereals.....	**7,442**	**3,534.06**	**45,165.71**	
Teff.....	4,597	1,411.68	15,206.09	10.77
Barley.....	4,351	270.87	2,218.64	8.19
Wheat.....	4,336	570.57	5,911.93	10.36
Maize.....	5,066	1,045.13	18,361.32	17.57
Sorghum.....	1,655	235.27	3,462.71	14.72
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**6,940**	**1,621.53**	**16,099.11**	
Faba beans..... .	1,099	34.21	385.61	11.27
Field peas.....	1,075	81.63	855.7	10.48
Haricot beans.....	6,213	1,289.96	13,064.71	10.13
Chick-peas.....	1,163	154.62	1,365.33	8.83
Lentils.....	590	32.95	221.11	6.71
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	555	27.45	204.88	7.46
Gibto.....	-	-	-	-
Oilseeds.....	**278**	**6.75**	*****	
Neug.....	-	-	-	-
Linseed.....	237	3.93	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	**3,886**	**56.14**	**4,559.15**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	3,345	50.89	4,460.48	87.65
Tomatoes.....	601	1.86	98.66	53.04
Green peppers.....	686	3.35	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**1,336**	**17.45**	**1,554.58**	
Beetroot.....	80	*	-	-
Carrot.....	*	*	-	-
Onion.....	520	3.67	431.97	117.7
Potatoes.....	546	11.11	885.84	79.73
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	329	2.23	203.14	91.09
Fruit Crops.....	**2,979**	**28.03**	**922.5**	
Avocados.....	464	1.25	-	-
Bananas.....	1,952	19.28	779.14	40.41
Guavas.....	660	4	31.37	7.84
Lemons.....	184	0.49	4.15	8.47
Mangoes.....	122	*	-	-
Oranges.....	80	0.15	-	-
Papayas.....	1,039	2.46	107.84	43.84
Pineapples.....	-	-	-	-
Chat.....	**113**	*****	*****	*****
Coffee.....	**3,261**	**71.21**	**390.96**	**5.49**
Hops.....	*****	*****	**-**	**-**
Sugar Cane.....	**1,204**	**14.05**	**2,657.80**	**189.17**
Enset.....	**3,568**	**344.62**	**2,553.62**	**7.41**

Table 10.15 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Konso Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**39475**	**24515.48**	**350008.61**	
Cereals.....	**38966**	**21131.16**	**316941.12**	
Teff.....	8856	2851.53	33847.11	11.87
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	27963	9852.85	170903.2	17.35
Sorghum.....	28445	8323.83	111243.69	13.36
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	**20043**	**3288.85**	**32859.69**	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	20043	3070.01	30683.78	9.99
Chick-peas.....	882	*	*	*
Lentils.....	*	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**1351**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**2185**	**10.89**	**1236.7**	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	1739	9.28	1236.7	133.27
Tomatoes.....	*	*	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*****	*****	*****	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	503	3.48	502.2	144.31
Garlic.....	*	*	-	-
Taro/'Godere'.....	*	*	-	-
Sweet potatoes.....	418	*	*	*
Fruit Crops.....	**14160**	*****	*****	
Avocados.....	*	*	-	-
Bananas.....	5595	*	*	*
Guavas.....	725	*	-	-
Lemons.....	410	*	-	-
Mangoes.....	4397	12.58	-	-
Oranges.....	*	*	-	-
Papayas.....	7798	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*****	*****	**-**	**-**
Coffee.....	**11813**	**612.44**	**2413.03**	**3.94**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	*****	*****	*****	*****
Enset.....	*****	*****	*****	*****

Table 10.16 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Derashe Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**34,740**	**18,223.88**	**274,394.93**	
Cereals.....	**33,710**	**15,533.79**	**243,956.75**	
Teff.....	13,118	3,159.55	34,403.99	10.89
Barley.....	11,727	1,278.29	11,588.95	9.07
Wheat.....	1,827	86.2	837.58	9.72
Maize.....	23,312	5,158.09	94,153.50	18.25
Sorghum.....	18,881	5,851.67	102,972.74	17.6
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**23,111**	**2,690.04**	**30,438.18**	
Faba beans..... .	6,272	234.83	2,139.65	9.11
Field peas.....	2,668	149.5	1,955.26	13.08
Haricot beans.....	19,221	1,762.27	19,250.24	10.92
Chick-peas.....	2,580	*	*	*
Lentils.....	855	28.54	174.34	6.11
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*****	*****	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	-	-
Vegetables.....	**13,670**	**95.55**	**7,821.31**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	12,784	91.2	7,821.31	85.76
Tomatoes.....	782	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	**11,971**	**181.34**	**13,860.37**	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	4,906	90.1	10,250.45	113.77
Potatoes.....	2,276	*	*	*
Garlic.....	*	*	-	-
Taro/'Godere'.....	5,045	28.65	-	-
Sweet potatoes.....	2,541	24.67	-	-
Fruit Crops.....	**7,162**	**112.66**	**1,668.33**	
Avocados.....	*	*	-	-
Bananas.....	6,123	95.78	901.33	9.41
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	**5,906**	*****	*****	*****
Coffee.....	**16,540**	**286.63**	**1,863.13**	**6.5**
Hops.....	**2,927**	**25.53**	**136.85**	**5.36**
Sugar Cane.....	**5,392**	**36.69**	**2,910.62**	**79.33**
Enset.....	**19,880**	**593.65**	**9,348.84**	**15.75**

Table 10.17 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Dawro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**70154**	**30990.03**	**330828**	
Cereals.....	**58407**	**18882.8**	**232489.21**	
Teff.....	32150	7741.73	88192.47	11.39
Barley.....	8466	1118.25	9940.47	8.89
Wheat.....	7153	696.23	7498.86	10.77
Maize.....	29690	4828.77	72092.67	14.93
Sorghum.....	22579	4417.11	54123.2	12.25
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	-	-
Pulses.....	**51246**	**11675.48**	**95939.84**	
Faba beans..... .	27661	4535.8	40232.42	8.87
Field peas.....	18391	5038.35	35621.52	7.07
Haricot beans.....	21166	1877.93	19197.25	10.22
Chick-peas.....	978	*	*	*
Lentils.....	3391	132.3	*	*
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**9226**	**431.75**	**2398.96**	
Neug.....	*	*	*	*
Linseed.....	6196	103.65	706.36	6.81
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	**43183**	**436.47**	**40424.52**	
Lettuce.....	-	-	-	-
Head Cabbage.....	895	1.91	167.14	87.51
Ethiopian Cabbage.....	41336	405.21	39609.51	97.75
Tomatoes.....	*	*	*	*
Green peppers.....	1609	4.62	415.27	89.89
Red peppers.....	2979	23.05	145.18	6.3
Swiss chard.....	*	*	-	-
Root Crops.....	**60203**	**2977.02**	**254784.9**	
Beetroot.....	*	*	-	-
Carrot.....	-	-	-	-
Onion.....	618	*	*	*
Potatoes.....	724	*	*	*
Garlic.....	2073	*	*	*
Taro/'Godere'.....	57403	2645.26	222016.84	83.93
Sweet potatoes.....	11305	295.21	28748.03	97.38
Fruit Crops.....	**45029**	**719.39**	**47532.35**	
Avocados.....	17246	87.64	5143.39	58.69
Bananas.....	35888	503.78	32232.03	63.98
Guavas.....	*	*	*	*
Lemons.....	1356	*	*	*
Mangoes.....	5613	30.07	-	-
Oranges.....	5961	17.34	2649.27	152.78
Papayas.....	16004	74.47	7050.49	94.68
Pineapples.....	-	-	-	-
Chat.....	**614**	*****	*****	*****
Coffee.....	**42049**	**1061.21**	**7492.15**	**7.06**
Hops.....	**7818**	**45.24**	**8352.11**	**184.62**
Sugar Cane.....	**13507**	**133.77**	**33095.56**	**247.41**
Enset.....	**76318**	**7430.43**	**117014.48**	**15.75**

Table 10.18 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Basketo Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**9937**	**4003.97**	**42813.41**	
Cereals.....	**9546**	**2547.81**	**31730.53**	
Teff.....	4939	1335.81	15816.42	11.84
Barley.....	1422	206.72	1387.27	6.71
Wheat.....	*	*	*	*
Maize.....	7904	649.1	9314.32	14.35
Sorghum.....	3858	352.48	5203.01	14.76
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	**6543**	**340.9**	**5316.97**	
Faba beans..... .	483	7.45	88.66	11.9
Field peas.....	1811	68.01	*	*
Haricot beans.....	6042	264.8	2441.24	9.22
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*****	*****	*****	
Neug.....	-	-	-	-
Linseed.....	312	7.64	23.71	3.1
Groundnuts.....	*	*	*	*
Safflower.....	1147	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**2620**	**19.39**	**1296.15**	
Lettuce.....	-	-	-	-
Head Cabbage.....	192	*	*	*
Ethiopian Cabbage.....	1851	12.18	1134.87	93.17
Tomatoes.....	*	*	-	-
Green peppers.....	132	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	*	*	-	-
Root Crops.....	**9746**	**524.87**	**39232.89**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	1282	*	-	-
Potatoes.....	430	2.86	246.89	86.33
Garlic.....	*	*	-	-
Taro/'Godere'.....	6141	96.34	6819.27	70.78
Sweet potatoes.....	8371	389.24	32166.73	82.64
Fruit Crops.....	**7102**	**93.28**	**7537.49**	
Avocados.....	2247	14.31	-	-
Bananas.....	5420	62.28	6505.35	104.45
Guavas.....	124	0.27	-	-
Lemons.....	*	*	-	-
Mangoes.....	2615	9.21	1032.14	112.07
Oranges.....	261	*	-	-
Papayas.....	1101	3.3	-	-
Pineapples.....	*	*	-	-
Chat.....	*****	*****	**-**	**-**
Coffee.....	**7433**	**341.31**	**-**	**-**
Hops.....	**768**	**6.24**	**-**	**-**
Sugar Cane.....	**2921**	**25.84**	**9192.75**	**355.76**
Enset.....	**7876**	**426.03**	**6709.16**	**15.75**

Table 10.19 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Konta Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**20074**	**12361.59**	**151865.17**	
Cereals.....	**18789**	**8765.26**	**117945.58**	
Teff.....	12955	3911.82	40536.24	10.36
Barley.....	1856	268.42	*	*
Wheat.....	1705	341.31	*	*
Maize.....	8782	2432.26	42236.77	17.37
Sorghum.....	8723	1790.24	26901.06	15.03
Finger millet.....	-	-	-	-
Oats/'Aja'.....	209	*	*	*
Rice.....	-	-	-	-
Pulses.....	**14971**	**3570.11**	**33722.47**	
Faba beans..... .	6815	1818.14	18983.08	10.44
Field peas.....	4126	919.46	8277.81	9
Haricot beans.....	9404	709.65	5284.38	7.45
Chick-peas.....	920	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**1307**	**26.22**	*****	
Neug.....	-	-	-	-
Linseed.....	974	9.43	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**7542**	**90.23**	**5840.2**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	5341	44.94	4278.33	95.2
Tomatoes.....	*	*	-	-
Green peppers.....	1320	14.23	1350.04	94.87
Red peppers.....	1957	30.61	211.82	6.92
Swiss chard.....	-	-	-	-
Root Crops.....	**18171**	**1519.02**	**158204.31**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	431	*	-	-
Potatoes.....	386	*	*	*
Garlic.....	251	1.07	-	-
Taro/'Godere'.....	17739	1442.11	150974.92	104.69
Sweet potatoes.....	3226	67.43	6713.28	99.56
Fruit Crops.....	**13631**	**246.5**	**22030.43**	
Avocados.....	5752	33.49	1098.44	32.8
Bananas.....	11400	171.77	12712.54	74.01
Guavas.....	*	*	*	*
Lemons.....	746	2	342.54	171.27
Mangoes.....	1533	3.78	355.34	94.01
Oranges.....	2331	9.44	759.69	80.48
Papayas.....	5402	25.52	6750.98	264.54
Pineapples.....	-	-	-	-
Chat.....	**1331**	**10.98**	**97.33**	**8.86**
Coffee.....	**10682**	**291.68**	**1332.99**	**4.57**
Hops.....	**1904**	**12.04**	**174.03**	**14.45**
Sugar Cane.....	**3080**	**25.91**	**9006.51**	**347.61**
Enset.....	**19105**	**1034.68**	**18699.69**	**18.07**

Table 10.20 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Silitie

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**187593**	**85717.73**	**1416941.6**	
Cereals.....	**186583**	**77521.08**	**1313096.4**	
Teff.....	50360	12918.5	135523.27	10.49
Barley.....	77349	8243.34	156707.72	19.01
Wheat.....	94959	15850.08	322718.78	20.36
Maize.....	151876	29312.63	535493.7	18.27
Sorghum.....	77453	10109.94	146903.17	14.53
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	**120724**	**8044.04**	**102766.62**	
Faba beans..... .	90233	3266.26	45045.97	13.79
Field peas.....	30085	2251.89	30568.82	13.57
Haricot beans.....	19996	550.36	5240.29	9.52
Chick-peas.....	16512	1328.55	13274.65	9.99
Lentils.....	*	*	*	*
Grass Peas.....	6630	535.54	8010.63	14.96
Soya beans.....	*	*	*	*
Fenugreek.....	5266	80.38	410.33	5.1
Gibto.....	-	-	-	-
Oilseeds.....	**11763**	**152.61**	**1078.61**	
Neug.....	-	-	-	-
Linseed.....	7150	70.3	394.28	5.61
Groundnuts.....	-	-	-	-
Safflower.....	*	*	-	-
Sesame.....	-	-	-	-
Rape seed.....	4304	*	*	*
Vegetables.....	**166021**	**8208.73**	**510299.84**	
Lettuce.....	4879	*	-	-
Head Cabbage.....	23129	111.99	10247.29	91.5
Ethiopian Cabbage.....	154749	2383.12	250370.74	105.06
Tomatoes.....	2173	*	*	*
Green peppers.....	6909	19.61	-	-
Red peppers.....	50416	5657.86	246852.59	43.63
Swiss chard.....	3757	8.81	-	-
Root Crops.....	**44459**	**275.06**	**7707.25**	
Beetroot.....	16192	40.95	5042.15	123.13
Carrot.....	12387	18.19	1666.18	91.6
Onion.....	9090	28.45	-	-
Potatoes.....	12846	*	-	-
Garlic.....	10104	27.49	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	2825	12.29	998.91	81.28
Fruit Crops.....	**46120**	**286.93**	**18535.78**	
Avocados.....	19031	68.96	3937.08	57.09
Bananas.....	28724	113.81	4602.64	40.44
Guavas.....	3976	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	5273	*	-	-
Oranges.....	3763	9.69	1993.54	205.73
Papayas.....	13119	50.5	7888.03	156.2
Pineapples.....	-	-	-	-
Chat.....	**80504**	**1935.08**	**22388.87**	**11.57**
Coffee.....	**37890**	**428.73**	**1843.53**	**4.3**
Hops.....	*****	*****	*****	*****
Sugar Cane.....	**16175**	**142.76**	**8289.85**	**58.07**
Enset.....	**106677**	**8403.87**	**30657.33**	**3.65**

Table 10.21 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Alaba Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**52490**	**34494.76**	**588402.47**	
Cereals.....	**52108**	**33112.26**	**576085.88**	
Teff.....	25561	6381.61	76933.98	12.06
Barley.....	3146	254.89	*	*
Wheat.....	14585	3162.58	63047.3	19.94
Maize.....	50315	17340.04	344192.74	19.85
Sorghum.....	36308	4135.59	65337.39	15.8
Finger millet.....	20138	1837.56	22937.18	12.48
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**19551**	**1284.87**	**11728.21**	
Faba beans..... .	901	60.66	*	*
Field peas.....	*	*	*	*
Haricot beans.....	17038	1016.91	9645.4	9.49
Chick-peas.....	522	*	*	*
Lentils.....	1500	*	*	*
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	2639	*	628.68	*
Gibto.....	-	-	-	-
Oilseeds.....	**4641**	**97.63**	**588.38**	
Neug.....	*	*	-	-
Linseed.....	3175	55.42	381.15	6.88
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	1342	24.85	203.09	8.17
Vegetables.....	**48317**	**8701.16**	**232574.91**	
Lettuce.....	-	-	-	-
Head Cabbage.....	4449	18.9	2451.31	129.7
Ethiopian Cabbage.....	37192	848.73	95906.83	113
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	-	-
Red peppers.....	37960	7830.14	134208.65	17.14
Swiss chard.....	*	*	-	-
Root Crops.....	**6738**	*****	*****	
Beetroot.....	2270	3.28	-	-
Carrot.....	1098	0.99	-	-
Onion.....	1485	*	*	*
Potatoes.....	2372	*	*	*
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	872	*	*	*
Fruit Crops.....	**9618**	**44.09**	**2156.78**	
Avocados.....	1002	1.37	-	-
Bananas.....	7258	29.29	1514.19	51.7
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	-	-
Papayas.....	2640	10.69	642.59	60.11
Pineapples.....	-	-	-	-
Chat.....	**23926**	**898.64**	**9444.68**	**10.51**
Coffee.....	**6321**	**75.19**	**465.45**	**6.19**
Hops.....	*****	*****	**-**	**-**
Sugar Cane.....	**1147**	*****	*****	*****
Enset.....	**10078**	**67.29**	**768.77**	**11.42**

Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Gambela Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**32,995**	**10,342.12**	**244,397.56**	
Cereals.....	**32,277**	**10,057.29**	**240,782.09**	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	25,460	6,001.69	138,417.82	23.06
Sorghum.....	14,870	3,735.99	97,709.63	26.15
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	**6,848**	**161.51**	**2,217.66**	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	6,599	83.59	1,038.96	12.43
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**3,036**	**123.32**	**1,397.81**	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	2,470	108.52	1,221.64	11.26
Safflower.....	*	*	-	-
Sesame.....	532	13.98	166.26	11.89
Rape seed.....	223	*	*	*
Vegetables.....	**8,366**	**191.39**	**8,406.06**	
Lettuce.....	-	-	-	-
Head Cabbage.....	506	2.97	-	-
Ethiopian Cabbage.....	4,258	17	1,699.59	99.98
Tomatoes.....	1,181	*	*	*
Green peppers.....	2,992	30.51	3,028.64	99.27
Red peppers.....	1,383	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**12,371**	**246.35**	**21,181.06**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	727	*	-	-
Potatoes.....	315	*	-	-
Garlic.....	463	0.55	80.87	147.04
Taro/'Godere'.....	7,180	107.09	8,566.94	80
Sweet potatoes.....	5,931	125.33	12,533.25	100
Fruit Crops.....	**16,883**	**342.76**	**-**	
Avocados.....	4,626	18.52	-	-
Bananas.....	7,545	143.35	-	-
Guavas.....	596	2.12	-	-
Lemons.....	882	7.06	-	-
Mangoes.....	9,728	107.5	-	-
Oranges.....	2,390	12.4	-	-
Papayas.....	8,714	48.72	-	-
Pineapples.....	1,039	3.11	-	-
Chat.....	**1,882**	**70.04**	**-**	**-**
Coffee.....	**8,418**	**2,006.32**	**-**	**-**
Hops.....	**2,720**	**29.89**	**-**	**-**
Sugar Cane.....	**6,638**	**69.79**	**-**	**-**
Enset.....	**7,395**	**356.46**	**6,307.28**	**17.69**

Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Agnuwak

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**11,413**	**5,493.50**	**156,029.60**	
Cereals.....	**11,170**	**5,362.10**	**154,550.74**	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	9,562	3,742.75	91,574.82	24.47
Sorghum.....	5,419	1,309.03	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	**2,479**	**14.38**	**126.58**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	2,416	14.27	126.58	8.87
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**2,552**	**117.02**	**1,352.28**	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	2,379	106.84	1,220.16	11.42
Safflower.....	-	-	-	-
Sesame.....	363	10.18	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**2,065**	*****	**3,857.02**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	851	*	*	*
Green peppers.....	504	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	**5,307**	**117.2**	**11,030.47**	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	1,123	14.41	1,152.90	80.01
Sweet potatoes.....	4,517	98.78	9,877.57	100
Fruit Crops.....	**5,067**	**78.44**	**-**	
Avocados.....	*	*	-	-
Bananas.....	878	13.56	-	-
Guavas.....	198	1.63	-	-
Lemons.....	225	*	-	-
Mangoes.....	2,118	28.04	-	-
Oranges.....	*	*	-	-
Papayas.....	3,604	32.63	-	-
Pineapples.....	-	-	-	-
Chat.....	**-**	**-**	**-**	**-**
Coffee.....	*****	*****	**-**	**-**
Hops.....	*****	*****	**-**	**-**
Sugar Cane.....	**1,043**	**12.22**	**-**	**-**
Enset.....	*	*	*	*

Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Nuware

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**4,506**	**852.61**	**17,509.42**	
Cereals.....	**4,506**	**852.61**	**17,509.42**	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	4,506	852.61	17,509.42	20.54
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 2008/2009 (2001 E.C)

Mezhenger

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**10,774**	**2,852.32**	**45,548.13**	
Cereals.....	**10,344**	**2,725.16**	**43,768.29**	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	-	-	-	-
Maize.....	5,277	415.5	6,849.62	16.49
Sorghum.....	8,345	2,300.38	36,761.59	15.98
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	**3,572**	*****	*****	
Faba beans..... .	*	*	*	*
Field peas.....	*	*	*	*
Haricot beans.....	3,386	45.95	573.93	12.49
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	*	*	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	**319**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	*	*	-	-
Sesame.....	*	*	*	*
Rape seed.....	223	*	*	*
Vegetables.....	**6,052**	**55.89**	**4,038.59**	
Lettuce.....	-	-	-	-
Head Cabbage.....	461	2.71	-	-
Ethiopian Cabbage.....	4,023	15.63	1,562.07	99.94
Tomatoes.....	127	*	*	*
Green peppers.....	2,465	22.24	2,207.82	99.27
Red peppers.....	619	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	**6,381**	**114.39**	**8,934.54**	
Beetroot.....	*	*	-	-
Carrot.....	*	*	-	-
Onion.....	513	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	463	0.55	80.87	147.04
Taro/'Godere'.....	5,541	80.11	6,408.81	80
Sweet potatoes.....	1,257	*	*	*
Fruit Crops.....	**9,388**	**198.52**	-	
Avocados.....	4,556	18.34	-	-
Bananas.....	5,149	107.48	-	-
Guavas.....	362	0.41	-	-
Lemons.....	613	*	-	-
Mangoes.....	5,650	39.63	-	-
Oranges.....	2,315	12.07	-	-
Papayas.....	4,594	13.57	-	-
Pineapples.....	1,039	3.11	-	-
Chat.....	**1,882**	**70.04**	**-**	**-**
Coffee.....	**8,311**	**1,998.64**	**-**	**-**
Hops.....	**2,578**	**27.26**	**-**	**-**
Sugar Cane.....	**5,539**	**57.31**	**-**	**-**
Enset.....	**7,323**	**356.33**	**6,304.96**	**17.69**

Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Itang Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**6,302**	**1,143.70**	**25,310.41**	
Cereals.....	**6,257**	**1,117.43**	**24,953.65**	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	6,115	990.84	22,483.96	22.69
Sorghum.....	*	126.59	2,469.68	19.51
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	**798**	**23.53**	**342.02**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	798	23.37	338.44	14.48
Chick-peas.....	-	-	-	-
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*****	*****	*****	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	**249**	**3.9**	**510.45**	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	204	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	**684**	**14.77**	**1,216.04**	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	516	12.57	1,005.22	79.97
Sweet potatoes.....	156	*	*	*
Fruit Crops.....	**2,417**	**65.77**	**-**	
Avocados.....	-	-	-	-
Bananas.....	1,518	22.3	-	-
Guavas.....	*	*	-	-
Lemons.....	*	*	-	-
Mangoes.....	1,949	39.8	-	-
Oranges.....	*	*	-	-
Papayas.....	517	2.52	-	-
Pineapples.....	-	-	-	-
Chat.....	**-**	**-**	**-**	**-**
Coffee.....	**-**	**-**	**-**	**-**
Hops.....	**-**	**-**	**-**	**-**
Sugar Cane.....	*****	*****	**-**	**-**
Enset.....	**-**	**-**	**-**	**-**

Table 12 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Harari

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**18,631**	**10,166.34**	**159,035.24**	
Cereals.....	**18,596**	**8,021.33**	**130,990.91**	
Teff.....	-	-	-	-
Barley.....	641	20.44	246.58	12.06
Wheat.....	1,542	118.49	1,577.31	13.31
Maize.....	14,171	1,785.67	36,139.08	20.24
Sorghum.....	17,756	6,094.23	92,937.09	15.25
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	**767**	**22.04**	**211.45**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	554	15.27	207.17	13.57
Chick-peas.....	-	-	-	-
Lentils.....	*	*	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**9,615**	**2,122.96**	**27,832.87**	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	9,475	2,112.16	27,811.48	13.17
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	-	-
Vegetables.....	**457**	**10.73**	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	256	*	-	-
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**3,326**	**91.45**	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	*	*	-	-
Garlic.....	*	*	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	3,000	85.36	-	-
Fruit Crops.....	**11,017**	**319.22**	-	
Avocados.....	-	-	-	-
Bananas.....	1,868	*	-	-
Guavas.....	3,219	13.67	-	-
Lemons.....	1,917	20.93	-	-
Mangoes.....	8,136	245.51	-	-
Oranges.....	*	*	-	-
Papayas.....	2,284	22.85	-	-
Pineapples.....	-	-	-	-
Chat.....	**15,967**	**2,614.79**	**-**	**-**
Coffee.....	**1,676**	**69.92**	**-**	**-**
Hops.....	*****	*****	**-**	**-**
Sugar Cane.....	**1,670**	**146.06**	**-**	**-**
Enset.....	*****	*****	**-**	**-**

Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings for Meher Season 2008/2009 (2001 E.C)

Dire Dawa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain Crops.	**15,133**	**7,908.71**	**105,051.39**	
Cereals.....	**15,133**	**7,406.07**	**100,731.78**	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	4,300	257.2	3,174.06	12.34
Sorghum.....	14,795	7,102.46	97,331.85	13.7
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	-	-
Pulses.....	**5,588**	**341.73**	**3,179.99**	
Faba beans..... .	-	-	-	-
Field peas.....	-	-	-	-
Haricot beans.....	5,554	339.64	3,170.70	9.34
Chick-peas.....	*	*	*	*
Lentils.....	-	-	-	-
Grass Peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	**1,849**	*****	*****	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	657	26.76	246.36	9.21
Rape seed.....	-	-	-	-
Vegetables.....	**1,792**	**46.59**	**-**	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	1,429	39.29	-	-
Green peppers.....	303	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	**2,888**	**80.35**	**-**	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	1,032	32.89	-	-
Potatoes.....	*	*	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	2,145	46.08	-	-
Fruit Crops.....	**4,432**	**123.55**	-	
Avocados.....	*	*	-	-
Bananas.....	507	*	-	-
Guavas.....	1,429	16.46	-	-
Lemons.....	427	*	-	-
Mangoes.....	1,118	21.74	-	-
Oranges.....	*	*	-	-
Papayas.....	1,859	34.51	-	-
Pineapples.....	-	-	-	-
Chat.....	**8,705**	**825.87**	-	-
Coffee.....	**2,824**	**90.91**	-	-
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:

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

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

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

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

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

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

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

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

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

4. Sampling Variance of Estimates:

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

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

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

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

Where,

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

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

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

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

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

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

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

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 2008/2009 (2001 E.C)

Ethiopia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	11,210,501	155,367	1	171,167,405	2,801,835	2
Cereals	8,770,118	123,194	1	144,964,059	2,502,180	2
Teff	2,481,333	66,665	3	30,280,181	878,033	3
Barley	977,757	46,363	5	15,194,042	940,638	6
Wheat	1,453,817	61,762	4	25,376,398	1,331,985	5
Maize	1,768,122	51,443	3	39,325,217	1,383,545	4
Sorghum	1,615,297	62,481	4	28,043,510	1,158,939	4
Finger millet	408,099	22,791	6	5,603,045	349,348	6
Oats / 'Aja'	30,605	3,591	12	427,729	54,340	13
Rice	35,088	14,385	41	713,937	310,485	43
Pulses	1,585,236	43,557	3	19,646,301	653,383	3
Horse beans	538,820	19,898	4	6,959,837	293,882	4
Field peas	230,749	11,537	5	2,670,933	148,186	6
Haricot beans	267,069	18,953	7	3,297,753	324,576	10
Chick-peas	233,440	16,279	7	3,120,800	256,660	8
Lentils	94,946	9,554	10	947,734	109,525	12
Vetch	159,731	13,213	8	2,021,255	176,604	9
Soya beans	6,236	2,086	33	78,989	31,640	40
Fenugreek	33,774	4,563	14	376,589	60,680	16
Gibto	20,469	4,292	21	172,411	36,103	21
Oilseeds	855,147	50,185	6	6,557,044	372,271	6
Neug	313,445	18,998	6	1,907,523	138,120	7
Linseed	180,873	14,723	8	1,560,793	133,825	9
Groundnuts	41,761	8,807	21	468,872	91,503	20
Safflower	7,853	1,427	18	65,814	11,370	17
Sesame	277,992	44,391	16	2,167,407	307,698	14
Rape seed	33,223	4,352	13	386,637	54,372	14

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Tigray

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	885,835	37,753	4	12,349,722	554,576	4
Cereals	707,376	29,037	4	10,415,273	469,436	5
Teff	183,376	14,503	8	2,327,608	193,060	8
Barley	97,460	9,863	10	1,477,753	152,374	10
Wheat	101,092	10,854	11	1,387,193	152,717	11
Maize	64,275	4,913	8	1,116,072	101,666	9
Sorghum	180,028	17,528	10	3,055,667	334,053	11
Finger millet	79,789	6,819	9	1,041,991	94,550	9
Oats / 'Aja'	791	635	80	3,529	3,392	96
Rice	565	257	46	5,461	2,422	44
Pulses	71,708	5,500	8	836,220	68,349	8
Horse beans	22,871	2,819	12	286,246	35,139	12
Field peas	9,457	1,777	19	132,335	27,523	21
Haricot beans	4,619	1,659	36	48,259	16,674	35
Chick-peas	13,660	2,586	19	160,937	33,010	21
Lentils	8,019	1,530	19	81,695	17,798	22
Vetch	10,519	2,736	26	110,162	30,068	27
Soya beans	562	277	49	7,242	3,377	47
Fenugreek	1,358	351	26	9,345	2,414	26
Gibto	642	641	100	-	-	-
Oilseeds	106,751	17,203	16	1,098,229	168,007	15
Neug	7,451	1,516	20	57,417	10,798	19
Linseed	15,303	2,134	14	188,045	27,730	15
Groundnuts	240	236	99	3,262	3,261	100
Safflower	72	44	61	234	120	51
Sesame	83,658	17,287	21	849,057	167,618	20
Rape seed	26	16	60	213	123	58

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Afar

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	17,423	3,340	19	425,491	77,037	18
Cereals	16,715	3,142	19	418,270	76,379	18
Teff	1,193	739	62	12,264	7,469	61
Barley	72	51	71	-	-	-
Wheat	122	103	85	2,661	2,264	85
Maize	13,167	2,476	19	373,514	73,031	20
Sorghum	2,161	1,085	50	29,831	15,021	50
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	48	31	64	276	147	53
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	14	12	82	135	99	73
Chick-peas	33	22	67	118	92	78
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	1	1	68	23	17	73
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	660	399	60	6,945	3,627	52
Neug	-	-	-	-	-	-
Linseed	6	6	94	-	-	-
Groundnuts	1	1	97	4	4	97
Safflower	34	19	56	284	173	61
Sesame	619	382	62	6,657	3,503	53
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Amhara

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	3,973,611	95,545	2	56,721,904	1,509,119	3
Cereals	2,959,084	70,411	2	45,450,311	1,292,309	3
Teff	1,003,948	46,596	5	12,383,474	627,553	5
Barley	347,720	28,499	8	4,861,498	458,465	9
Wheat	434,386	29,042	7	6,545,021	533,267	8
Maize	396,716	19,984	5	9,259,644	603,085	7
Sorghum	547,153	44,376	8	9,131,198	785,213	9
Finger millet	195,003	19,127	10	2,617,773	281,969	11
Oats / 'Aja'	7,383	1,345	18	82,202	17,022	21
Rice	26,776	13,828	52	569,500	298,893	52
Pulses	716,586	31,772	4	9,139,093	484,350	5
Horse beans	247,783	14,562	6	3,344,004	219,782	7
Field peas	96,490	8,040	8	1,134,385	96,406	9
Haricot beans	49,574	9,245	19	669,217	184,062	28
Chick-peas	136,795	13,080	10	1,931,496	221,966	11
Lentils	54,157	6,944	13	554,174	83,434	15
Vetch	87,080	10,116	12	1,054,036	115,963	11
Soya beans	2,385	1,963	82	36,171	30,592	85
Fenugreek	22,707	4,118	18	244,055	48,223	20
Gibto	19,617	4,242	22	171,555	36,097	21
Oilseeds	297,941	40,994	14	2,132,501	267,540	13
Neug	108,121	11,638	11	751,696	89,884	12
Linseed	31,725	4,369	14	179,341	22,449	13
Groundnuts	2,664	1,210	45	35,615	19,840	56
Safflower	5,828	1,150	20	54,833	10,843	20
Sesame	135,838	40,349	30	928,698	254,523	27
Rape seed	13,765	1,792	13	182,318	28,576	16

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	5,073,271	110,375	2	82,384,641	2,142,801	3
Cereals	4,064,069	90,833	2	71,789,403	1,936,446	3
Teff	1,081,501	43,195	4	13,292,652	561,988	4
Barley	451,955	34,623	8	7,242,939	614,173	8
Wheat	794,836	52,529	7	15,152,663	1,194,702	8
Maize	933,713	41,894	4	21,783,317	1,152,834	5
Sorghum	677,092	39,227	6	12,508,413	767,315	6
Finger millet	98,041	9,331	10	1,381,455	163,865	12
Oats / 'Aja'	21,899	3,265	15	336,968	51,463	15
Rice	5,032	3,702	74	90,997	79,861	88
Pulses	616,035	28,285	5	7,745,261	423,572	5
Horse beans	207,597	12,664	6	2,607,453	183,985	7
Field peas	83,647	7,408	9	995,734	103,171	10
Haricot beans	146,452	15,740	11	1,913,844	261,634	14
Chick-peas	74,069	8,956	12	934,137	121,127	13
Lentils	31,713	6,378	20	305,452	68,669	22
Vetch	61,469	8,044	13	848,165	129,719	15
Soya beans	1,688	499	30	19,484	6,042	31
Fenugreek	9,389	1,935	21	120,992	36,748	30
Gibto	11	11	100	-	-	-
Oilseeds	393,167	22,848	6	2,849,977	190,918	7
Neug	180,630	14,679	8	991,708	100,959	10
Linseed	130,900	13,881	11	1,172,324	128,811	11
Groundnuts	27,075	8,487	31	267,507	83,568	31
Safflower	1,728	843	49	9,364	3,398	36
Sesame	34,023	5,881	17	208,579	35,373	17
Rape seed	18,811	3,964	21	200,496	46,250	23

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Somale

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	75,142	8,558	11	1,676,584	527,819	31
Cereals	72,452	8,406	12	1,635,502	528,489	32
Teff	3	3	106	-	-	-
Barley	3,345	1,729	52	546,661	513,554	94
Wheat	7,370	3,491	47	79,765	33,184	42
Maize	39,752	5,744	14	653,886	109,123	17
Sorghum	21,970	3,894	18	354,945	58,629	17
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	12	12	101	245	247	101
Rice	-	-	-	-	-	-
Pulses	774	336	43	8,603	3,757	44
Horse beans	-	-	-	-	-	-
Field peas	0	0	100	3	3	100
Haricot beans	480	259	54	6,819	3,551	52
Chick-peas	292	229	79	1,781	1,430	80
Lentils	1	1	101	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	1,917	1,388	72	32,480	23,163	71
Neug	-	-	-	-	-	-
Linseed	13	10	75	70	40	58
Groundnuts	1,894	1,388	73	32,210	23,166	72
Safflower	-	-	-	-	-	-
Sesame	9	9	98	199	199	100
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Benishangul - Gumuz

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	192,42					
	2	11,745	6	2,764,377	203,994	7
Cereals	139,63					
	3	8,414	6	2,320,128	174,867	8
Teff	16,276	2,603	16	162,796	24,604	15
Barley	734	305	42	9,872	4,562	46
Wheat	2,168	1,014	47	37,000	17,186	46
Maize	32,010	3,764	12	674,352	91,709	14
Sorghum	58,905	5,089	9	947,502	90,616	10
Finger millet	29,165	4,323	15	482,372	80,359	17
Oats / 'Aja'	32	23	70	508	394	78
Rice	343	86	25	5,727	1,589	28
Pulses	7,975	912	11	89,513	12,021	13
Horse beans	825	247	30	10,525	3,123	30
Field peas	545	239	44	6,949	3,093	45
Haricot beans	4,491	812	18	53,293	11,220	21
Chick-peas	539	183	34	2,917	1,039	36
Lentils	54	34	62	405	257	63
Vetch	-	-	-	-	-	-
Soya beans	1,397	404	29	14,526	4,118	28
Fenugreek	4	2	39	59	23	39
Gibto	120	95	79	840	668	79
Oilseeds	44,814	3,982	9	354,736	40,520	11
Neug	15,933	2,731	17	94,921	25,681	27
Linseed	497	143	29	2,501	633	25
Groundnuts	6,763	1,350	20	94,233	20,130	21
Safflower	25	10	42	28	21	75
Sesame	21,563	2,801	13	162,847	22,640	14
Rape seed	34	14	41	205	99	48

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

S.N.N.P.R.

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	964,379	34,314	4	14,336,202	587,729	4
Cereals	785,304	31,179	4	12,462,667	550,372	4
Teff	194,962	13,771	7	2,100,600	152,820	7
Barley	76,438	6,185	8	1,054,874	102,104	10
Wheat	113,660	8,987	8	2,170,033	194,358	9
Maize	280,446	20,344	7	5,286,701	430,268	8
Sorghum	111,055	6,711	6	1,727,977	112,275	7
Finger millet	6,048	1,155	19	78,967	16,988	22
Oats / ‘Aja’	486	150	31	4,186	1,698	41
Rice	2,210	1,385	63	39,329	25,950	66
Pulses	171,584	7,521	4	1,821,727	89,830	5
Horse beans	59,707	3,936	7	710,905	54,470	8
Field peas	40,570	3,220	8	401,056	35,404	9
Haricot beans	61,000	4,744	8	601,770	50,999	8
Chick-peas	8,052	2,635	33	89,407	29,002	32
Lentils	996	221	22	6,007	1,506	25
Vetch	663	238	36	8,893	3,239	36
Soya beans	204	87	43	1,540	590	38
Fenugreek	313	72	23	2,131	570	27
Gibto	80	76	95	17	17	100
Oilseeds	7,491	1,386	19	51,808	10,275	20
Neug	1,310	496	38	11,781	5,390	46
Linseed	2,427	665	27	18,502	6,579	36
Groundnuts	770	318	41	6,114	2,894	47
Safflower	166	52	31	1,072	325	30
Sesame	2,232	1,040	47	10,944	4,899	45
Rape seed	585	121	21	3,395	758	22

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Gambela

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	10,342	999	10	244,398	42,551	17
Cereals	10,057	977	10	240,782	42,102	17
Teff	74	60	81	788	634	81
Barley	12	9	74	182	140	77
Wheat	19	16	85	277	234	85
Maize	6,002	689	11	138,418	17,741	13
Sorghum	3,736	656	18	97,710	39,056	40
Finger millet	54	43	81	486	393	81
Oats / 'Aja'	-	-	-	-	-	-
Rice	162	122	75	2,923	2,169	74
Pulses	162	67	41	2,218	1,007	45
Horse beans	39	33	85	704	598	85
Field peas	39	33	86	471	403	86
Haricot beans	84	15	18	1,039	240	23
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	0	0	95	-	-	-
Soya beans	0	0	63	4	3	88
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	123	46	37	1,398	539	39
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	109	46	42	1,222	541	44
Safflower	0	0	91	-	-	-
Sesame	14	6	40	166	78	47
Rape seed	1	0	62	10	7	67

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Harari

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	10,166	966	10	159,035	15,538	10
Cereals	8,021	744	9	130,991	13,607	10
Teff	-	-	-	-	-	-
Barley	20	7	35	247	83	34
Wheat	118	39	33	1,577	529	34
Maize	1,786	242	14	36,139	5,115	14
Sorghum	6,094	738	12	92,937	11,650	13
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	3	2	94	91	86	94
Rice	-	-	-	-	-	-
Pulses	22	8	36	211	97	46
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	15	6	41	207	97	47
Chick-peas	-	-	-	-	-	-
Lentils	5	4	94	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	2	2	68	4	3	68
Gibto	-	-	-	-	-	-
Oilseeds	2,123	397	19	27,833	5,838	21
Neug	-	-	-	-	-	-
Linseed	1	1	71	10	7	71
Groundnuts	2,112	396	19	27,811	5,839	21
Safflower	-	-	-	-	-	-
Sesame	8	6	66	12	7	59
Rape seed	2	1	85	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2008/2009 (2001 E.C)

Dire Dawa

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	7,909	649	8	105,051	8,483	8
Cereals	7,406	615	8	100,732	8,347	8
Teff	-	-	-	-	-	-
Barley	1	1	93	19	17	93
Wheat	45	34	76	207	158	76
Maize	257	78	30	3,174	1,071	34
Sorghum	7,102	643	9	97,332	8,734	9
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	1	1	98	-	-	-
Pulses	342	72	21	3,180	721	23
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	340	72	21	3,171	719	23
Chick-peas	1	1	97	6	6	97
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	1	1	86	3	3	86
Gibto	-	-	-	-	-	-
Oilseeds	161	83	52	1,140	575	50
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	134	84	63	893	582	65
Safflower	-	-	-	-	-	-
Sesame	27	9	35	246	82	33
Rape seed	-	-	-	-	-	-

APPENDIX III

NUMBER OF EAs SAMPLED AND COVERED
NUMBER OF HOUSEHOLDS SAMPLED AND COVERED
NUMBER OF FIELDS MEASURED AND CROP-CUTTINGS PERFORMED

Appendix III(a). Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2008/9 (2001 E.C.) Annual Agricultural Sample Survey (Meher Season).

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	**Planned**	**Covered**	**Planned**	**Covered**
Tigray	North Western Tigray	31	31	620	618
	Central Tigray	39	39	780	780
	Eastern Tigray	29	29	580	580
	Southern Tigray	38	38	760	760
	Western Tigray	25	25	500	498
	Region Total	**162**	**162**	**3240**	**3236**
Afar	Zone One	28	28	560	553
	Zone Three	20	20	400	395
	Region Total	**48**	**48**	**960**	**948**
Amhara	North Gonder	49	49	980	980
	South Gonder	44	44	880	878
	North Wello	45	42	900	840
	South Wello	48	48	960	958
	North Shewa	46	46	920	911
	East Gojam	48	48	960	960
	West Gojam	46	46	920	919
	Wag Hemira	29	27	580	540
	Awi	32	32	640	640
	Oromia	28	28	560	560
	Argoba special wereda	20	19	400	380
	Region Total	**435**	**429**	**8700**	**8566**
Oromia	West Wellega	43	42	860	840
	East Wellega	40	40	800	800
	Illubabor	48	48	960	958
	Jimma	46	46	920	920
	West Shewa	44	44	880	880
	North Shewa	39	39	780	776

Appendix III(a) (Continued…)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	**Planned**	**Covered**	**Planned**	**Covered**
Oromia	East Shewa	40	40	800	799
	Arsi	53	51	1060	1020
	West Harerghe	41	41	820	820
	East Harerghe	48	47	960	939
	Bale	44	44	880	879
	Borena	37	37	740	728
	South West Shewa	38	38	760	759
	Guji	38	38	760	754
	Kelem Wellega	36	36	720	719
	Horoguduru Wellega	36	36	720	721
	West Arsi	39	39	780	778
	Region Total	**710**	**706**	**14200**	**14090**
Somali	Shinile	20	18	400	354
	Jijiga	28	28	560	553
	Liben	24	24	480	462
	Region Total	**72**	**70**	**1440**	**1369**
Benishangul-Gumuz	Metekel	25	25	500	493
	Pawe Special Wereda	20	20	400	400
	Asosa	26	26	520	520
	Kemashi	20	13	260	260
	Mao Komo special wereda	20	20	400	400
	Region Total	**111**	**104**	**2220**	**2073**
SNNP	Guraghe	41	41	820	820
	Hadiya	34	34	680	679
	Kembata_Tambaro	33	33	660	660
	Sidama	46	46	920	920
	Gedeo	34	34	680	679
	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	36	720	720
	Shaka	24	24	480	477
	Keffa	37	37	740	738
	Gamo_Gofa	41	41	820	818
	Bench_Maji	36	36	720	720
	Yem Specia Wereda	20	20	400	400
	Amaro Special W.	20	20	400	399
	Burji Special Wereda	20	20	400	399
	Konso Special Wereda.	20	19	400	380
	Derashe Special Wereda.	20	13	400	260
	Dawro	32	32	640	640
	Basketo Special Wereda.	20	20	400	399
	Konta Special Wereda.	20	20	400	398
	Siltie	30	30	600	600
	Alaba Special Wereda.	20	20	400	400
	Region Total	**623**	**616**	**12460**	**12286**
Gambela	Agnuak	21	20	420	420
	Nuer	20	8	400	240
	Mejenger	20	19	400	378
	Etang	20	12	400	360
	Region Total	**81**	**59**	**1620**	**1398**
Harari	**Harari**	**24**	**24**	**480**	**478**
Dire Dawa	**Dire Dawa**	**24**	**24**	**480**	**478**
Country Total		**2290**	**2242**	**45800**	**44922**

APPENDIX IV

QUESTIONNAIRE

Ag.S.S. Form **2001**/0

Central Statistical Agency
National Integrated Household Survey
Agricultural Sample Survey, 2008/2009 (2001 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 2001/1

Central Statistical Agency

National Integrated Household Survey

Agricultural Sample Survey, 2008/2009 (2001 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	Selection Order	Remarks
				code		

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

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Form AgSS 2001/2A

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2008/2009 (2001 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 coffee, chat, pineapple, sugarcane*)						
0	9	Number of Fruit Bearing Trees *(excluding coffee, chat, pineapple, sugarcane)*						
1	0	Seed / Seedling Type Improved Seed = 1 indigenous seed = 2						
1	1	*For Cereals, Pulses & Oilseeds only* Quantity of improved seeds used	Kilo	Gram	Kilo	Gram	Kilo	Gram
1	2	*For Cereals, Pulses & Oilseeds only* Price of improved seeds used	Birr	Cents	Birr	Cents	Birr	Cents
1	3	*For Cereals, Pulses & Oilseeds only* Quantity of indigenous seeds used	Kilo	Gram	Kilo	Gram	Kilo	Gram
1	4	Was crop damaged ? Yes = 1 No =2						
1	5	If yes in question number 14, Cause of damage → Code →						
1	6	Percent of damaged crop						
1	7	Prevention/precaution measure taken? Yes =1 No =2						
1	8	Type of measure if any? Chemical = 1 Non – chemical = 2 Both = 3						
1	9	Chemical type used if any Pesticide =1 herbicide =2 Fungicide =3 1&2 = 4 1 & 3 = 5 2 & 3 = 6 All = 7						
2	0	Is Fertilizer Used? Yes =1 No = 2						
2	1	Type of fertilizer used if any? Natural = 1 Chemical = 2 Both = 3						
2	2	If chemical fertilizer used 22.1 Type UREA = 1 DAP = 2 Both = 3						
		22.2 Quantity of chemical fertilizer used	Kilo		Gram			
2	3	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	4	How often is temporary crop field used in Meher (main) season?						
2	5	If twice in #24 which crop is the 2nd harvest?	Crop name	code	Crop name	code	Crop name	code
2	6	What was the previous state of the field ? Falow =1 crop field =2 Virgin =3 Rented in cropfield =4 other =5						

PART III – RESULTS OF AREA MEASUREMENTS

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	

Form AgSS2001/2B

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2008/09 (2001 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	How many oxen do you have in this Meher season?	
10	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	
11	Total number of fields recorded for the holder	
12	Total number of crop fields recorded for the holder	
13	Has the holder ploughed additional fields over that of the previous year? Yes =1 No = 2	
14	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. 2001/4

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2008/09 (2001 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. 2001/5

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2008/09

(2001 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