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CENTRAL STATISTICAL AGENCY

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REPORT ON

AREA AND PRODUCTION OF CROPS

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

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ABBREVIATIONS: CV – COEFFICIENT OF VARIATION

E.C. – ETHIOPIAN CALENDAR

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

PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1. INTRODUCTION

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

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

Upholding this principle, the Central Statistical Agency (CSA) has been furnishing statistical information on the country's agriculture since 1980/81 to alert policy interventionists on the changes taking place in the agricultural sector. As part of this task the 2007/08 (2000 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 2007/08 (2000 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 2007/08 (2000 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 and six zones of Somali regions. Accordingly, the survey took into account all parts of Harari, Dire Dawa, and 68 additional Zones / Special weredas (that are treated as zones) of other regions.

To be covered by the survey, a total of 2,200 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 75 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,125 EAs (96.59%) 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 44,200 agricultural households, however, 42,523 (96.21%) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective agricultural households obtained from the 2006/07 (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 2007/08 (2000 E.C) agricultural sample survey was determined by taking into account both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered.

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 2006/07 (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) 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 2311 enumerators, 462 field supervisors, 44 coordinators and 61 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 205 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 8 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 fifteen 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 2007/08(2000 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 34 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 35 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 97 data encoders, 4 data encoder supervisors, 8 data cleaning operators and 57 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, 79.69% (8.7million hectares) was under cereals. Teff, maize, wheat and sorghum took up 23.42% (about 2.6 million hectares), 16.12% (about 1.8 million hectares), 13.01% (1.4 million hectares) and 14.01% (1.5 million hectares) of the grain crop area, respectively. As to production, the tables paint similar picture as that of the area. Cereals contributed 85.11% (about 137.1 million quintals) of the grain production. Maize, wheat, Teff and sorghum made up 23.24%

(37.5 million quintals), 14.36% (23.1 million quintals), 18.57% (29.9 million quintals) and 16.52% (26.6 million quintals) of the grain production in the same order.

Note:-

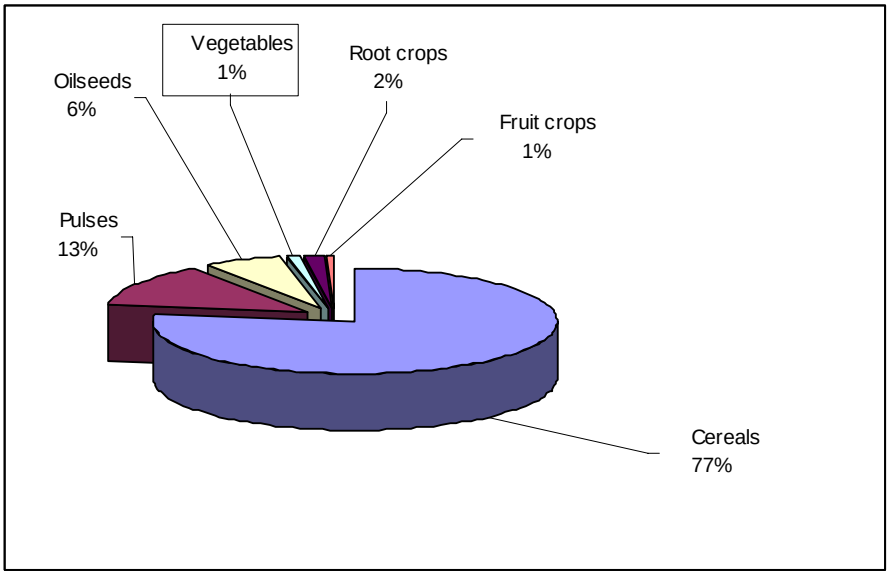
1. If in some tables figures do not add up to total it is due to rounding
2. Those area and production designated by "*" in all tables could not be reported because of high coefficient of variation (i.e. they are less reliable). However, they are consolidated in the total estimates.
3. In all tables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

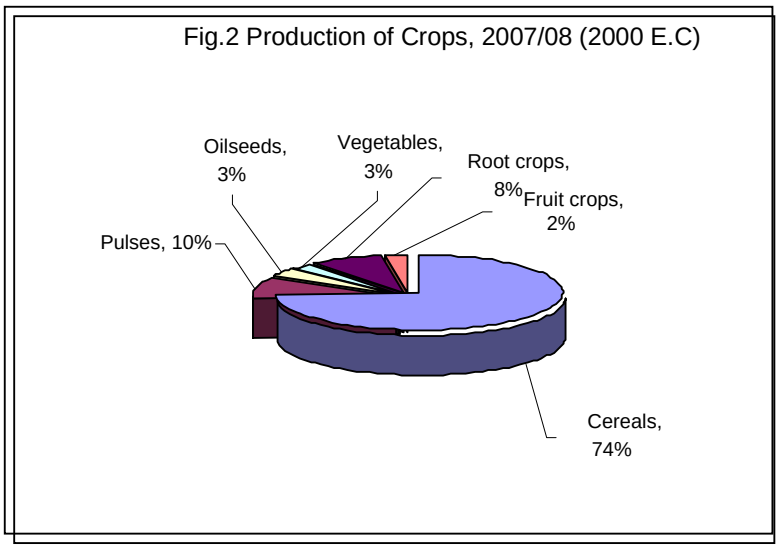
Table 1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Ethiopia

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt/ha)
Grain	12,306,096	10,954,722.54	161,166,574.57	
Cereals	11,939,282	8,730,001.31	137,169,906.64	
Teff	5,850,536	2,565,155.22	29,929,234.99	11.67
Barley	3,818,701	984,942.72	13,548,070.55	13.76
Wheat	4,129,358	1,424,719.03	23,144,885.23	16.25
Maize	7,492,800	1,767,388.91	37,497,490.62	21.22
Sorghum	4,264,205	1,533,537.26	26,591,292.20	17.34
Finger millet	1,356,922	399,267.90	5,379,914.64	13.47
Oats / 'Aja'	266,088	30,556.21	365,857.75	11.97
Rice	61,862	24,434.07	713,160.65	29.19
Pulses	6,778,640	1,517,661.93	17,827,387.94	
Faba beans	3,597,229	520,519.72	6,886,670.09	13.23
Field peas	1,477,464	211,798.28	2,319,343.10	10.95
Haricot beans	2,147,871	231,443.06	2,414,176.41	10.43
Chick-peas	960,806	226,785.39	2,868,202.41	12.65
Lentils	805,027	107,427.59	941,027.30	8.76
Grass peas	729,809	147,171.56	1,854,900.23	12.60
Soya beans	58,870	7,807.40	84,006.39	10.76
Fenugreek	610,234	38,310.10	293,520.42	7.66
Gibto	138,722	26,398.84	165,541.58	6.27
Oilseeds	3,007,126	707,059.29	6,169,279.99	
Neug	1,022,900	285,236.53	1,598,197.41	5.60
Linseed	1,037,918	152,129.29	1,698,550.75	11.17
Groundnuts	249,703	40,198.03	446,850.29	11.12
Safflower	159,471	8,999.48	80,744.67	8.97
Sesame	527,819	185,912.33	1,867,727.31	10.05
Rape seed	657,852	34,583.62	477,209.55	13.80
Vegetables	5,359,613	119,091.43	4,719,664.46	
Lettuce	41,637	*	*	*
Head cabbage	277,635	1,988.82	117,650.12	59.16
Ethiopian cabbage	2,928,465	28,470.69	2,383,602.95	83.72
Tomatoes	143,807	4,800.07	338,380.91	70.49
Green peppers	1,067,409	7,952.35	623,209.04	78.37
Red peppers	1,943,494	75,340.93	1,223,996.86	16.25
Swiss chard	80,042	207.68	4,272.88	20.57
Root crops	5,024,719	184,329.45	15,309,489.12	
Beetroot	276,928	1,840.47	169,479.87	92.09
Carrot	149,484	*	*	*
Onion	767,308	18,012.55	1,751,061.71	97.21
Potatoes	1,097400	50,488.00	4,025,080.08	79.72
Garlic	1,490,681	9,316.90	1,035,416.76	111.13
Taro / 'Godere'	1,285,870	38,285.96	2,882,637.27	75.29
Sweet potatoes	1,489,566	62,357.65	5,264,870.43	84.43
Fruit crops	3,077,100	62,731.42	4,621,475.23	
Avocados	820,712	6,473.22	428,492.20	66.19
Bananas	1,963,514	39,425.90	2,610,592.27	66.22
Guavas	277,287	1,792.25	27,023.70	15.08
Lemons	163,696	822.54	69,739.66	84.79
Mangoes	695,030	6,730.83	484,360.97	71.96
Oranges	420,706	3,396.81	428,072.76	126.02
Papayas	696,835	4,003.14	572,744.73	143.07
Pineapples	12,018	86.74	448.95	5.18
Chat	2,232,397	163,227.40	1,368,027.29	8.38
Coffee	3,499,219	407,147.07	2,734,001.33	6.72
Hops	1,788,910	25,214.37	323,612.91	12.83
Sugar cane	1,045,751	2,1482.25	7,817,336.53	363.90

Fig.1 Area Under Crops, 2007/2008 (2000 E.C)





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 2007 / 08 (2000 E.C) covered 13.86% (1.52 million hectares) of the grain crop area and 11.06% (more than 17.8 million quintals) of the grain production was drawn from the same crops. Faba beans, haricot beans, and field peas were planted to 4.75% (more than 520 thousand hectares), 2.11% (more than 231 thousand hectares) and 1.93% (about 212 thousand hectares) of the grain crop area. The production obtained from faba beans, chick-peas, and haricot beans was 4.27% (about 6.9 million), 1.78% (about 2.9 million) and 1.49% (2.4 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 6.45% (about 707 thousand hectares) of the grain crop area and 3.83% (about 6.2 million quintals) of the production to the national grain total. Neug, sesame and linseed covered 2.60% (about 285 thousand hectares), 1.70% (about 186 thousand hectares) and 1.4% (more than 152 thousand hectares) of the grain crop area and 0.99% (about 1.6 million quintals), 1.16% (about 1.9 million quintals) and 1.05% (about 1.7 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 63.26% and 23.91% was under red peppers and Ethiopian Cabbage, respectively. As to production of vegetables, 25.93% and 50.50% 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 27.39%, 33.83% and 20.77% of the area to the root crop total. The same crops and onion contributed 26.29%, 34.39%, 18.83% and 11.44% 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 62 thousand hectares of land is under fruit crops in Ethiopia. Bananas contributed about 62.85% of the fruit crop area followed by mangoes that contributed 10.73% of the area. More than 4.6 million quintals of fruits was produced in the country. Bananas, Papayas, mangoes and oranges took up 56.49%, 12.39%, 10.48% and 9.26% 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 1.37% and 3.41% of the area under all crops in the country and 1.3 and 2.7 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 21 thousand hectares of land was under sugar cane in the country, yielding more than 7.8 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
2006/2007 (1999 E.C) and 2007/2008 (2000 E.C), Meher Season

Region	Area in hectare			Production in quintal		
	2007 / 08 (2000 E.C)	2006 / 07 (1999 E.C)	% Change	2007 / 08 (2000 E.C)	2006 /07 (1999 E.C)	% Change
TIGRAY	878,322	857,400	2.44	11,789,353	10,863,724	8.52
AFAR	18,096	18,022	0.41	404,805	517,364	-21.76
AMHARA	3,862,233	3,638,543	6.15	54,372,888	49,220,815	10.47
OROMIA	4,951,938	4,865,726	1.77	78,001,206	73,839,284	5.64
SOMALI*	78,140	73,683	6.05	732,324	431,778	*
BENISHANGUL-GUMUZ	191,990	179,229	7.12	2,628,891	2,500,532	5.13
S.N.N.P.R.	945,958	921,582	2.65	12,821,292	11,675,393	9.81
GAMBELA	10,532	9,890	6.49	195,886	171,067	14.51
HARARI	9,556	9,428	1.36	113,811	107,843	5.53
DIRE DAWA	7,957	8,551	-6.95	106,117	104,214	1.83
ALL	**10,954,722**	**10,582,054**	**3.52**	**161,166,574**	**149,432,014**	**7.85**

Note: * In 2006/07 in Somali region, Shinele zone covered woredas were Erer, Shinele and Dembel. However, in 2007/08 additional woredas are included, i.e. Aysha, Afdem and Mullo. In Jijiga zone in 2006/07 covered woredas were Jijiga, Kebribeya and Awbere/Teferi ber, however in 2007/08 additional woredas are included, i.e., Gursum and Harshine. Due to increase the number of woredas in Shinele and Jijiga zone from 6 in 2006/07 to 11, production in 2007/08 comparing with production in 2006/07 has shown an inrease by 69.61 percent.

Fig.3 - Area and Production of Grain Crops By Region, 2007/08 (2000 E.C)

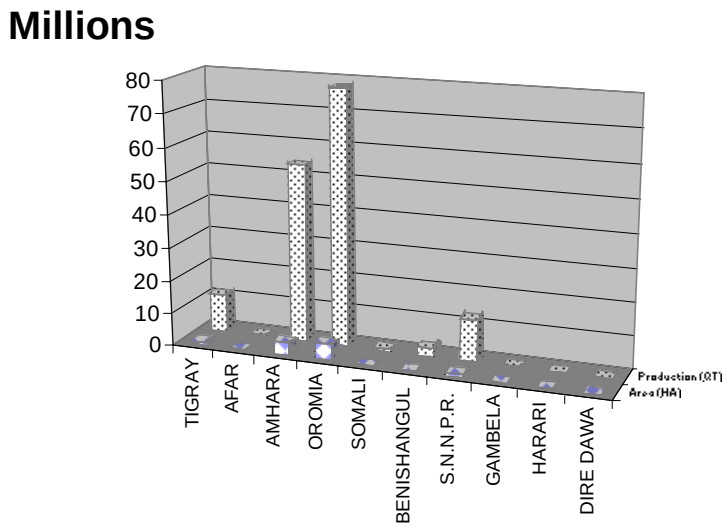


Table 3 - Estimate of Area, Production and Yield of Crops for
2006/2007 (1999 E.C) and 2007/2008 (2000 E.C), Meher Season

Ethiopia

	Area in hectare			Production in quintal			Yield (quintal / hectare)		
Crop	2007 / 08 (2000 E.C)	2006 / 07 (1999 E.C)	% Change	2007 / 08 (2000 E.C)	2006 / 07 (1999E.C)	% Change	2007 / 08 (2000 E.C)	2006 / 07 (1999E.C)	% Change
Grain crops	10954723	10,592,755	3.42	161166575	149,554,981	7.76			
Cereals	8730001	8,471,920	3.05	137169907	128,797,926	6.50			
Teff	2565155	2,404,674	6.67	29929235	24,377,495	22.77	11.67	10.14	15.09
Barley	984943	1,019,314	-3.37	13548071	13,521,480	0.20	13.76	13.27	3.69
Wheat	1424719	1,473,917	-3.34	23144885	24,630,639	-6.03	16.25	16.71	-2.75
Maize	1767389	1,694,522	4.30	37497491	37,764,397	-0.71	21.22	22.29	-4.80
Sorghum	1533537	1,464,318	4.73	26591292	23,160,409	14.81	17.34	15.82	9.61
Finger millet	399268	374,072	6.74	5379915	4,844,089	11.06	13.47	12.95	4.02
Oats / 'Aja'	30556	32,798	-6.84	365858	362,432	0.95	11.97	11.05	8.33
Rice	24434	*		713161	*		29.19	*	
Pulses	1517662	1,379,046	10.05	17827388	15,786,215	12.93			
Faba beans	520520	459,202	13.35	6886670	5,761,563	19.53	13.23	12.55	5.42
Field peas	211798	221,715	-4.47	2319343	2,100,949	10.40	10.95	9.48	15.51
Haricot beans	231443	223,357	3.62	2414176	2,227,008	8.40	10.43	9.97	4.61
Chick-peas	226785	200,066	13.36	2868202	2,538,713	12.98	12.65	12.69	-0.32
Lentils	107428	97,110	10.62	941027	810,494	16.11	8.76	8.35	4.91
Grass peas	147172	124,954	17.78	1854900	1,837,840	0.93	12.6	14.71	-14.34
Soya beans	7807	6,352	22.91	84006	58,489	43.63	10.76	9.21	16.83
Fenugreek	38310	20,762	84.52	293520	163,986	78.99	7.66	7.90	-3.04
Gibto	26399	25,526	3.42	165542	287,173	-42.35	6.27	11.25	-44.27
Oilseeds	707059	741,791	-4.68	6169280	4,970,840	24.11			
Neug	285237	274,720	3.83	1598197	1,477,588	8.16	5.6	5.38	4.09
Linseed	152129	174,108	-12.62	1698551	1,082,216	56.95	11.17	6.22	79.58
Groundnuts	40198	37,126	8.27	446850	510,801	-12.52	11.12	13.79	-19.36
Safflower	8999	13,019	-30.87	80745	111,760	-27.75	8.97	8.58	4.55
Sesame	185912	211,312	-12.02	1867727	1,493,867	25.03	10.05	7.07	42.15
Rape seed	34584	30,637	12.88	477210	292,061	63.39	13.8	9.53	44.81
Vegetables	119091	95,266	25.01	4719664	3,451,306	36.75			
Lettuce	*	414		*	*		*	*	
Head cabbage	1989	2,080	-4.38	117650	101,240	16.21	59.16	48.68	21.53
Eth. Cabbage	28471	23,458	21.37	2383603	1,591,925	49.73	83.72	67.93	23.24
Tomatoes	4800	*		338381	*		70.49	*	
Green peppers	7952	6,886	15.49	623209	374,683	66.33	78.37	54.50	43.80
Red peppers	75341	56,914	32.38	1223997	1,017,238	20.33	16.25	17.88	-9.12
Swiss chard	208	114	82.18	4273	-		20.57	-	
Root crops	184329	189,424	-2.69	15309489	14,095,463	8.61			
Beetroot	1840	1,663	10.67	169480	144,485	17.30	92.09	86.87	6.01
Carrot	*	947		*	66,941		*	70.71	
Onion	18013	21,392	-15.80	1751062	1,784,742	-1.89	97.21	83.43	16.52
Potatoes	50488	73,095	-30.93	4025080	5,256,568	-23.43	79.72	71.91	10.86
Garlic	9317	9,266	0.55	1035417	683,083	51.58	111.13	73.72	50.75
Taro / 'Godere'	38286	29,721	28.82	2882637	2,271,506	26.90	75.29	77.43	-2.76
Sweet potatoes	62358	53,312	16.97	5264870	3,888,137	35.41	84.43	73.06	15.56
Fruit crops	62731	50,073	25.34	4621475	4,599,851	0.47	16.23		
Avocados	6473	4,716	37.26	428492	348,451	22.97	66.19	74.00	-10.55
Bananas	39426	30,429	29.57	2610592	2,279,421	14.53	66.22	75.36	-12.13
Guavas	1792	1,363	31.49	27024	23,171	16.63	15.08	17.00	-11.29
Lemons	823	686	19.90	69740	60,832	14.64	84.79	89.25	-5.00
Mangoes	6731	6,796	-0.96	484361	626,112	-22.64	71.96	94.08	-23.51
Oranges	3397	2,613	30.00	428073	465,831	-8.11	126.02	179.19	-29.67
Papayas	4003	2,785	43.74	572745	735,685	-22.15	143.07	269.03	-46.82
Pineapples	87	*		449	*		5.18	*	
Chat	163227	147,805	10.43	1368027	1,517,236	-9.83	8.38	10.27	-18.40
Coffee	407147	295,238	37.90	2734001	2,414,824	13.22	6.72	8.24	-18.45
Hops	25214	23,778	6.04	323613	240,535	34.54	12.83	10.12	26.78
Sugar cane	21482	17,475	22.93	7817337	11,162,818	-29.97	363.9	642.32	-43.35

Table 4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	873301	878322.20	11789353.37	
Cereals	867196	709835.74	10026217.81	
Teff	508392	178742.14	2283031.14	12.77
Barley	449692	114923.43	1566803.40	13.63
Wheat	370581	103956.90	1477495.67	14.21
Maize	538884	63265.83	942396.53	14.9
Sorghum	349714	170504.48	2709169.87	15.89
Finger millet	285140	77848.40	1041911.23	13.38
Oats / 'Aja'	2486	*	*	*
Rice	1282	*	*	*
Pulses	489902	80117.72	1018512.06	
Faba beans	289163	25509.73	438797.11	17.2
Field peas	79082	7887.00	100199.69	12.7
Haricot beans	56517	6400.28	44430.78	6.94
Chick-peas	81017	15075.38	187039.92	12.41
Lentils	95115	11540.08	102294.07	8.86
Grass peas	60232	11533.96	135547.47	11.75
Soya beans	-	-	-	-
Fenugreek	57074	2164.91	10203.01	4.71
Gibto	*	*	-	-
Oilseeds	267256	88368.74	744623.50	
Neug	59947	8175.37	67714.15	8.28
Linseed	122499	12858.79	146337.25	11.38
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	115570	66876.95	527887.92	7.89
Rape seed	3280	52.99	*	*
Vegetables	281128	3026.59	151683.90	
Lettuce	7205	23.27	*	*
Head cabbage	7515	64.66	4211.05	65.13
Ethiopian cabbage	*	6.70	*	*
Tomatoes	33335	441.47	36601.47	82.91
Green peppers	90583	692.58	81705.25	117.97
Red peppers	167227	1782.53	25261.04	14.17
Swiss chard	11252	15.39	1568.33	101.91
Root crops	137689	1686.19	197069.40	
Beetroot	1038	*	-	-
Carrot	3987	*	*	*
Onion	57533	634.31	80619.80	127.1
Potatoes	30746	465.27	38499.20	82.75
Garlic	76418	561.04	76258.69	135.92
Taro / 'Godere'	-	-	-	-
Sweet potatoes	1460	*	*	*
Fruit crops	58771	721.47	13844.27	
Avocados	*	*	-	-
Bananas	12148	160.55	*	*
Guavas	10311	82.48	*	*
Lemons	23669	118.88	*	*
Mangoes	4077	*	*	*
Oranges	11508	*	*	*
Papayas	25913	253.73	7179.95	28.3
Pineapples	*	*	-	-
Chat	12580	*	-	-
Coffee	9355	*	-	-
Hops	124286	1140.34	34378.90	30.15
Sugar cane	*	*	11789353.37	-

Table 4.1. - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

North West Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	163599	194663.49	2548220.05	
Cereals	163599	166894.22	2337463.5	
Teff	99956	40033.08	511782.56	12.78
Barley	15331	633.31	5380.97	8.5
Wheat	*	*	*	*
Maize	152724	25824.88	396002.83	15.33
Sorghum	106450	54973.26	838239.16	15.25
Finger millet	120167	45309.52	584429.92	12.9
Oats / 'Aja'	-	-	-	-
Rice	*	*	*	*
Pulses	64530	8154.59	76680.02	
Faba beans	35664	2277.14	18746.26	8.23
Field peas	7032	*	3670.02	*
Haricot beans	11885	*	*	*
Chick-peas	22046	3609.06	43262.65	11.99
Lentils	*	*	*	*
Grass peas	*	*	*	*
Soya beans	-	-	-	-
Fenugreek	*	*	*	*
Gibto	-	-	-	-
Oilseeds	71646	19614.68	134076.54	
Neug	20753	3398.01	22303.65	6.56
Linseed	17468	1464.47	17571.38	12
Groundnuts	*	*	-	-
Safflower	*	*	*	*
Sesame	46498	14721.69	94030.43	6.39
Rape seed	*	*	*	*
Vegetables	109648	986.17	55736.89	
Lettuce	*	*	*	*
Head cabbage	-	-	-	-
Ethiopian cabbage	-	-	-	-
Tomatoes	9757	94.72	9766.57	103.11
Green peppers	23532	195.81	39157.54	199.98
Red peppers	85312	693.64	6811.54	9.82
Swiss chard	*	*	-	-
Root crops	12529	114.21	7893.11	
Beetroot	-	-	-	-
Carrot	*	*	-	-
Onion	7481	44.21	4406.02	99.66
Potatoes	*	*	*	*
Garlic	4344	19.84	2609.67	131.54
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	7532	85.96	4283.31	
Avocados	*	*	-	-
Bananas	1654	9.34	-	-
Guavas	1675	*	-	-
Lemons	3123	*	*	*
Mangoes	*	*	-	-
Oranges	*	*	*	*
Papayas	4703	31.35	3120.42	99.53
Pineapples	-	-	-	-
Chat	*	-	-	-
Coffee	-	-	-	-
Hops	11610	107.62	3479.24	32.33
Sugar cane	*	*	-	-

Table 4.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Central Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	271319	215674.42	2539978.40	
Cereals	270647	187949.03	2254408.89	
Teff	225474	69262.03	694607.38	10.03
Barley	151855	24103.74	274074.49	11.37
Wheat	116604	24130	334316.10	13.85
Maize	200225	20280.73	296976.83	14.64
Sorghum	109978	32678.65	449605.93	13.76
Finger millet	109450	17448.95	204828.16	11.74
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	180885	21767.54	230581.46	
Faba beans	143326	12069.89	145200.41	12.03
Field peas	12572	744.78	10582.38	14.21
Haricot beans	26536	1221.74	8324.54	6.81
Chick-peas	14223	2452.87	25721.73	10.49
Lentils	36271	3318.78	24098.04	7.26
Grass peas	8727	*	12381.00	*
Soya beans	-	-	-	-
Fenugreek	18561	757.97	*	*
Gibto	-	-	-	-
Oilseeds	63383	5957.85	54988.04	
Neug	23308	1761.33	11625.48	6.6
Linseed	39305	3550.52	39878.34	11.23
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	*	364.52	*	*
Rape seed	*	*	*	*
Vegetables	86776	541.74	31404.07	
Lettuce	3579	*	*	*
Head cabbage	*	*	*	*
Ethiopian cabbage	-	-	-	-
Tomatoes	3717	7.35	562.49	76.53
Green peppers	43603	265.92	25323.76	95.23
Red peppers	40376	249.75	3336.66	13.36
Swiss chard	*	*	*	*
Root crops	49590	674.44	88469.68	
Beetroot	-	-	-	-
Carrot	*	*	*	*
Onion	21318	438.83	57574.40	131.2
Potatoes	*	*	*	*
Garlic	33993	223.21	29499.51	132.16
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	11337	*	*	
Avocados	*	*	-	-
Bananas	3438	67.9	-	-
Guavas	*	*	-	-
Lemons	3365	*	*	*
Mangoes	1406	*	-	-
Oranges	*	*	-	-
Papayas	6631	*	-	-
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	*	*	-	-
Hops	35932	*	*	*
Sugar cane	-	-	-	-

Table 4.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

East Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	144071	94335.30	1526440.44	
Cereals	143570	76743.09	1309507.01	
Teff	35223	6061.21	*	*
Barley	132378	35062.19	444166.73	12.67
Wheat	111722	27517.32	396215.99	14.4
Maize	39032	2356.95	33169.40	14.07
Sorghum	13518	*	*	*
Finger millet	17671	2713.55	34267.67	12.63
Oats / 'Aja'	*	*	*	*
Rice	*	*	-	-
Pulses	91558	14798.03	189065.66	
Faba beans	51833	2852.05	44634.23	15.65
Field peas	31811	2980.73	38549.36	12.93
Haricot beans	*	*	*	*
Chick-peas	12194	1974.93	27545.03	13.95
Lentils	13511	1323.80	*	*
Grass peas	26983	5104.97	60592.75	11.87
Soya beans	-	-	-	-
Fenugreek	15032	541.48	1575.19	2.91
Gibto	-	-	-	-
Oilseeds	24239	2794.18	27867.77	
Neug	*	*	*	*
Linseed	22652	2767.12	27722.92	10.02
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	-	-	-	-
Rape seed	*	*	-	-
Vegetables	29693	352.41	33227.30	
Lettuce	2285	3.08	266.68	86.58
Head cabbage	6022	54.47	3825.88	70.24
Ethiopian cabbage	*	*	-	-
Tomatoes	10095	120.01	11780.58	98.16
Green peppers	13863	*	*	*
Red peppers	*	*	*	*
Swiss chard	5769	*	*	*
Root crops	31035	354.49	41398.08	
Beetroot	*	*	-	-
Carrot	2599	*	*	*
Onion	18519	61.42	6954.13	113.22
Potatoes	11663	254.47	29306.80	115.17
Garlic	11378	33.16	4685.46	141.3
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	-	-
Fruit crops	5951	24.55	*	
Avocados	-	-	-	-
Bananas	*	*	-	-
Guavas	2599	*	*	*
Lemons	*	*	-	-
Mangoes	*	*	*	*
Oranges	*	*	-	-
Papayas	*	*	-	-
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	*	*	-	-
Hops	29113	198.06	6696.25	33.81
Sugar cane	-	-	-	-

Table 4.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

South Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	223266	246824.17	3437307.67	
Cereals	220973	207827.12	2984232.24	
Teff	134099	59695.43	672192.75	11.26
Barley	142254	52839.85	813891.83	15.4
Wheat	137088	50902.45	729076.45	14.32
Maize	91682	10563.24	154832.25	14.66
Sorghum	62556	33094.71	604822.26	18.28
Finger millet	*	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	135030	33081.48	389172.53	
Faba beans	47356	6971.46	108187.98	15.52
Field peas	24757	3300.62	43018.06	13.03
Haricot beans	14879	*	*	*
Chick-peas	30931	6761.12	87099.44	12.88
Lentils	39123	6353.04	58149.68	9.15
Grass peas	20714	4631.06	57153.19	12.34
Soya beans	-	-	-	-
Fenugreek	22682	807.98	4073.74	5.04
Gibto	-	-	-	-
Oilseeds	45496	5915.57	63902.9	
Neug	-	-	-	-
Linseed	38289	4645.01	56259.78	12.11
Groundnuts	*	*	-	-
Safflower	*	102.31	488.41	4.77
Sesame	5347	*	*	*
Rape seed	-	-	-	-
Vegetables	26742	488.4	21221.74	
Lettuce	*	*	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	*	*	-	-
Tomatoes	8165	*	*	*
Green peppers	6839	119.84	7398.7	61.74
Red peppers	10691	151.81	816.74	5.38
Swiss chard	*	*	-	-
Root crops	36197	470.52	50107.09	
Beetroot	-	-	-	-
Carrot	*	-	-	-
Onion	9342	84.4	11140.84	132
Potatoes	15108	159.89	8154.16	51
Garlic	18656	219.07	30812.09	140.65
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	-	-
Fruit crops	23854	266.79	*	
Avocados	*	*	-	-
Bananas	4716	*	*	*
Guavas	4468	16.31	-	-
Lemons	*	*	*	*
Mangoes	*	*	-	-
Oranges	*	*	-	-
Papayas	8835	*	-	-
Pineapples	-	-	-	-
Chat	*	*	-	-
Coffee	*	*	-	-
Hops	30887	431.45	12727.69	29.5
Sugar cane	*	*	-	-

Table 4.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Western Tigray

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	71045	126824.81	1737406.8	
Cereals	68405	70422.29	1140606.17	
Teff	13640	3690.37	45315.91	12.28
Barley	7875	*	*	*
Wheat	*	*	*	*
Maize	55222	4240.03	61415.21	14.48
Sorghum	57212	46851.22	774448.72	16.53
Finger millet	34452	11954.78	212319.7	17.76
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	17899	2316.08	*	
Faba beans	10984	1339.18	*	*
Field peas	*	*	*	*
Haricot beans	2966	*	*	*
Chick-peas	1622	*	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	*	*
Gibto	*	*	-	-
Oilseeds	62491	54086.44	463788.25	
Neug	15111	3000.46	33640.18	11.21
Linseed	4785	431.68	4904.83	11.36
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	56410	50635.64	425050.54	8.39
Rape seed	*	*	-	-
Vegetables	28268	657.87	10093.91	
Lettuce	*	*	*	*
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	1601	*	*	*
Green peppers	*	*	*	*
Red peppers	25131	625.05	6137.97	9.82
Swiss chard	*	*	-	-
Root crops	8338	*	*	
Beetroot	*	*	-	-
Carrot	*	*	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	8048	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	10098	*	4557.19	
Avocados	-	-	-	-
Bananas	1843	*	-	-
Guavas	899	*	-	-
Lemons	6121	13.55	416.72	30.75
Mangoes	*	*	-	-
Oranges	*	*	*	*
Papayas	4721	*	*	*
Pineapples	*	*	-	-
Chat	*	*	-	-
Coffee	*	*	-	-
Hops	16744	159.42	5153.93	32.33
Sugar cane	-	-	-	-

Table 5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Afar Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	18185	18096.34	404805.04	
Cereals	18185	17409.49	401290.11	
Teff	*	*	*	*
Barley	*	*	-	-
Wheat	*	*	-	-
Maize	15671	12535.16	360595.37	28.77
Sorghum	4299	*	20683.15	*
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	2027	30.9	2343.41	
Lettuce	*	*	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	417	*	*	*
Green peppers	998	8.95	*	*
Red peppers	1123	*	*	*
Swiss chard	-	-	-	-
Root crops	*	*	*	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	-	-
Garlic	*	*	-	-
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	2437	*	*	
Avocados	-	-	-	-
Bananas	*	*	*	*
Guavas	*	*	-	-
Lemons	*	*	*	*
Mangoes	*	*	-	-
Oranges	-	-	-	-
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	*	*	-	-
Coffee	*	*	-	-
Hops	*	*	*	*
Sugar cane	*	*	-	-

Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Zone 1

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	12067	11995.88	359257.3	
Cereals	12067	11995.88	359257.3	
Teff	*	*	-	-
Barley	-	-	-	-
Wheat	*	*	-	-
Maize	11712	11650.49	351814.97	30.2
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	600	7.92	-	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	-	-	-	-
Tomatoes	*	*	-	-
Green peppers	529	*	-	-
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	*	*	-	-

Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Zone 3

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	6118	*	45547.74	
Cereals	6118	*	42032.81	
Teff	*	*	*	*
Barley	*	*	-	-
Wheat	-	-	-	-
Maize	3959	884.67	8780.4	9.93
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	1427	22.99	2343.41	
Lettuce	*	*	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	1051	*	*	*
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	*	*	-	-

Table 6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Amhara Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	3444731	3862233.20	54372888.39	
Cereals	3405760	2923003.45	43611014.70	
Teff	2209574	1047084.74	12685684.13	12.12
Barley	1332862	330278.78	4299377.25	13.02
Wheat	1413420	426814.60	6211768.97	14.55
Maize	2022980	397481.38	9212313.38	23.18
Sorghum	1039875	499133.91	7907746.34	15.84
Finger millet	538178	196114.70	2656358.82	13.54
Oats / 'Aja'	93161	8116.94	83072.28	10.23
Rice	33340	*	*	*
Pulses	2285014	703526.94	8175493.73	
Faba beans	1441807	241129.10	3191183.25	13.23
Field peas	609287	81407.20	856551.24	10.52
Haricot beans	319908	49193.72	494697.79	10.06
Chick-peas	562320	137982.87	1704373.71	12.35
Lentils	425200	60411.35	519857.85	8.61
Grass peas	431560	82960.23	1041346.92	12.55
Soya beans	10253	*	*	*
Fenugreek	274474	22079.37	173355.76	7.85
Gibto	134033	26052.58	162539.04	6.24
Oilseeds	1313722	235702.81	2586379.96	
Neug	512625	121659.65	675026.89	5.55
Linseed	414136	31287.16	*	*
Groundnuts	14416	*	*	*
Safflower	107851	7185.42	73252.64	10.19
Sesame	168222	49859.06	906173.22	18.17
Rape seed	430280	23685.79	375995.67	15.87
Vegetables	1280107	29590.80	530990.36	
Lettuce	14118	10.42	-	-
Head cabbage	31303	150.00	10271.59	68.48
Ethiopian cabbage	200728	600.68	48381.82	80.55
Tomatoes	24424	*	4750.92	*
Green peppers	161300	1101.89	96394.00	87.48
Red peppers	928088	27505.95	370393.19	13.47
Swiss chard	30259	106.21	*	*
Root crops	1284740	30298.87	2718340.49	
Beetroot	28058	57.82	3813.35	65.95
Carrot	30033	99.43	*	*
Onion	241878	4442.24	437743.52	98.54
Potatoes	444353	20357.43	1736082.03	85.28
Garlic	846563	4796.77	522618.03	108.95
Taro / 'Godere'	*	*	-	-
Sweet potatoes	34182	539.87	*	*
Fruit crops	192108	1881.45	152568.52	
Avocados	9047	13.17	*	*
Bananas	70321	711.19	13392.42	18.83
Guavas	29130	137.72	3013.63	21.88
Lemons	50169	292.60	47633.09	162.79
Mangoes	25982	125.01	*	*
Oranges	45851	411.78	61099.39	148.38
Papayas	54892	189.97	15540.33	81.8
Pineapples	*	-	-	-
Chat	147730	5251.15	38538.01	7.34
Coffee	251516	5912.89	21650.99	3.66
Hops	888311	14119.61	96587.43	6.84
Sugar cane	65848	1688.44	*	*

Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

North Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	482950	689440.95	8531483.06	
Cereals	479066	511939.79	6888455.39	
Teff	298555	143897.66	1561611.93	10.85
Barley	159319	55080.19	690919.29	12.54
Wheat	115802	37478.44	488914.99	13.05
Maize	321038	52146.81	927079.58	17.78
Sorghum	276110	176169.77	2645056.17	15.01
Finger millet	134216	46210.51	568042.98	12.29
Oats / 'Aja'	9350	867.83	5492.95	6.33
Rice	*	*	*	*
Pulses	259717	106981.58	1157599.17	
Faba beans	165736	33715.66	429012.68	12.72
Field peas	62298	9901.79	105859.7	10.69
Haricot beans	*	*	*	*
Chick-peas	115870	38823.2	402786.22	10.37
Lentils	40384	9256.4	90261.54	9.75
Grass peas	45950	6328.12	70249.06	11.1
Soya beans	*	*	*	*
Fenugreek	50410	7173.32	52671.06	7.34
Gibto	-	-	-	-
Oilseeds	245535	70519.59	485428.51	
Neug	108666	31507.11	146737.82	4.66
Linseed	74052	6048.6	45103.74	7.46
Groundnuts	*	*	-	-
Safflower	18617	1798.79	*	*
Sesame	75586	29323.25	257113.85	8.77
Rape seed	45435	1841.12	16358.31	8.88
Vegetables	229290	6504.82	123657.14	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	145.36	11234.8	77.29
Tomatoes	*	*	*	*
Green peppers	38807	345.83	29654.73	85.75
Red peppers	166704	5958.44	82762.68	13.89
Swiss chard	*	*	-	-
Root crops	179545	4064.29	409465.65	
Beetroot	*	*	*	*
Carrot	-	-	-	-
Onion	17039	*	*	*
Potatoes	70541	2913.63	265402.25	91.09
Garlic	120072	970.71	121591.46	125.26
Taro / 'Godere'	*	*	-	-
Sweet potatoes	*	*	-	-
Fruit crops	27322	*	8196.23	
Avocados	*	*	-	-
Bananas	7040	*	*	*
Guavas	*	*	-	-
Lemons	11255	*	*	*
Mangoes	-	-	-	-
Oranges	*	*	-	-
Papayas	13096	38.36	2997.54	78.14
Pineapples	-	-	-	-
Chat	*	*	-	-
Coffee	30569	*	*	*
Hops	95420	1816.95	10792.67	5.94
Sugar cane	-	-	-	-

Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

South Gondar

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	417299	515104.54	5772702.61	
Cereals	414916	373988.28	4503744.34	
Teff	292226	126752.8	1167656.4	9.21
Barley	207186	54500.99	487943.3	8.95
Wheat	211955	69156.06	807676.84	11.68
Maize	260381	39907.93	641413.42	16.07
Sorghum	118600	30286.52	367744.53	12.14
Finger millet	109203	35469.94	477929.05	13.47
Oats / 'Aja'	*	*	*	*
Rice	31702	*	*	*
Pulses	310364	107295.76	1084606.14	
Faba beans	198815	39504.48	464942.26	11.77
Field peas	82770	11923.78	122250.84	10.25
Haricot beans	45002	10833.79	*	*
Chick-peas	71461	15648.19	195335.9	12.48
Lentils	35006	4785.62	27322.58	5.71
Grass peas	67158	15087.42	102399.88	6.79
Soya beans	-	-	-	-
Fenugreek	13162	*	*	*
Gibto	50813	9104.75	65251.33	7.17
Oilseeds	202039	33820.5	184352.13	
Neug	84833	18966.36	79714.1	4.2
Linseed	88902	9071.94	64428.58	7.1
Groundnuts	-	-	-	-
Safflower	10172	401.19	3420.82	8.53
Sesame	*	*	-	-
Rape seed	89473	5363.48	36788.62	6.86
Vegetables	125982	3220.12	36433.78	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	*	*	-	-
Green peppers	10082	29.25	2187.76	74.8
Red peppers	103504	3136.08	34246.03	10.92
Swiss chard	*	*	-	-
Root crops	195556	6816.51	531667.51	
Beetroot	*	*	-	-
Carrot	*	*	*	*
Onion	14310	*	*	*
Potatoes	75795	*	*	*
Garlic	144056	633.92	70447.6	111.13
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	*	*	*	
Avocados	-	-	-	-
Bananas	*	*	*	*
Guavas	-	-	-	-
Lemons	*	*	*	*
Mangoes	-	-	-	-
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	3815	21.72	93.41	4.3
Coffee	*	*	*	*
Hops	133060	2229.68	10323.4	4.63
Sugar cane	*	*	*	*

Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

North Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	353960	249770.62	3899878.86	
Cereals	347781	190269.49	3275113.37	
Teff	187438	65744.04	861151.82	13.1
Barley	196267	37003.78	*	*
Wheat	151532	36929.12	470389.89	12.74
Maize	86496	6049.54	114136.75	18.87
Sorghum	108931	42516.49	893120.94	21.01
Finger millet	*	*	*	*
Oats / 'Aja'	20437	1672.19	17376.54	10.39
Rice	-	-	-	-
Pulses	237496	54873.58	588923.17	
Faba beans	134137	14302.41	186341.34	13.03
Field peas	93907	12126.78	124225.83	10.24
Haricot beans	20416	*	*	*
Chick-peas	50234	6636.37	76159.85	11.48
Lentils	83221	10048.78	81095.45	8.07
Grass peas	39833	4726.85	52613.4	11.13
Soya beans	*	*	*	*
Fenugreek	44036	3383.8	*	*
Gibto	-	-	-	-
Oilseeds	85233	4627.55	35842.32	
Neug	14682	552.6	4435.57	8.03
Linseed	63122	3365.76	26529.46	7.88
Groundnuts	-	-	-	-
Safflower	*	*	*	*
Sesame	*	*	-	-
Rape seed	*	*	*	*
Vegetables	82872	614.71	19322.6	
Lettuce	*	*	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	37420	109.41	10241.69	93.61
Tomatoes	*	*	-	-
Green peppers	*	*	*	*
Red peppers	30849	361.87	5753.77	15.9
Swiss chard	*	*	-	-
Root crops	105182	1591.79	152069.5	
Beetroot	*	*	-	-
Carrot	3958	*	-	-
Onion	14187	*	*	*
Potatoes	41889	596.18	48916.31	82.05
Garlic	88776	761.3	74173.43	97.43
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	17326	*	*	
Avocados	*	*	-	-
Bananas	*	*	*	*
Guavas	3131	*	*	*
Lemons	3615	*	*	*
Mangoes	*	*	-	-
Oranges	9270	*	*	*
Papayas	*	*	*	*
Pineapples	*	-	-	-
Chat	13525	*	*	*
Coffee	21597	403.44	1936.5	4.8
Hops	51011	615.85	6096.96	9.9
Sugar cane	*	*	*	*

Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

South Wolo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	550317	410816.57	5339451.03	
Cereals	541067	291039.35	3917076.8	
Teff	336634	113828.84	1273186.14	11.19
Barley	252215	35691.57	444126.44	12.44
Wheat	321625	78907	1132329.27	14.35
Maize	175429	16920.86	338875.87	20.03
Sorghum	141323	41038.71	675142.81	16.45
Finger millet	20354	736.7	8982.07	12.19
Oats / 'Aja'	39246	3915.66	44434.21	11.35
Rice	-	-	-	-
Pulses	435524	112078.76	1373911.74	
Faba beans	284133	36198.44	508656.56	14.05
Field peas	141306	17501.14	209889.23	11.99
Haricot beans	68260	6725.67	55586.45	8.26
Chick-peas	92177	14132.05	203022.05	14.37
Lentils	112863	13403.06	117059.57	8.73
Grass peas	100610	15868.81	209939.41	13.23
Soya beans	*	*	-	-
Fenugreek	77595	8236.83	69758.48	8.47
Gibto	-	-	-	-
Oilseeds	109646	7698.47	48462.49	
Neug	52257	4385.42	26086.28	5.95
Linseed	67048	3176.63	21049.57	6.63
Groundnuts	-	-	-	-
Safflower	*	*	*	*
Sesame	*	*	*	*
Rape seed	4265	97.22	1261.67	12.98
Vegetables	119660	953.23	22503.4	
Lettuce	3664	*	-	-
Head cabbage	4934	*	-	-
Ethiopian cabbage	41065	100.71	8904.83	88.42
Tomatoes	*	*	*	*
Green peppers	11727	58.45	5545.04	94.87
Red peppers	60052	749.33	7703.16	10.28
Swiss chard	8661	20.18	-	-
Root crops	152271	1246.75	129660.07	
Beetroot	*	*	*	*
Carrot	9217	*	*	*
Onion	20257	297.15	34813.76	117.16
Potatoes	27027	297.9	30960.98	103.93
Garlic	116163	577.43	58470.3	101.26
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	-	-
Fruit crops	18748	*	*	
Avocados	*	*	-	-
Bananas	*	*	*	*
Guavas	*	*	*	*
Lemons	-	-	-	-
Mangoes	*	*	-	-
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	55909	*	*	*
Coffee	43381	*	*	*
Hops	78666	764.23	9392.42	12.29
Sugar cane	8035	126.33	16777.11	132.8

Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	409575	511816.96	6647892.44	
Cereals	402772	388927.31	5273661.12	
Teff	282934	138755.42	1680250.12	12.11
Barley	177454	49773.16	700742.75	14.08
Wheat	221636	84746.22	1048223.22	12.37
Maize	163713	8765.65	142376.79	16.24
Sorghum	175532	106019.15	1653222.32	15.59
Finger millet	*	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	299337	111615.38	1292164.67	
Faba beans	204090	41039.52	534041.59	13.01
Field peas	84074	9341.8	91514.11	9.8
Haricot beans	70230	9483.59	84680.69	8.93
Chick-peas	95967	26835.16	340083.05	12.67
Lentils	110250	17401.56	157923.61	9.08
Grass peas	30661	5887.12	77954.31	13.24
Soya beans	-	-	-	-
Fenugreek	46688	1626.51	5965.5	3.67
Gibto	*	*	*	*
Oilseeds	127512	11274.27	82066.65	
Neug	37101	1882.6	8439.01	4.48
Linseed	46542	4124.79	20066.31	4.86
Groundnuts	*	*	-	-
Safflower	30498	2876.48	33742.11	11.73
Sesame	30721	2232.36	19273.22	8.63
Rape seed	13758	*	*	*
Vegetables	174504	1323.09	49897.2	
Lettuce	*	*	-	-
Head cabbage	2312	*	-	-
Ethiopian cabbage	60732	94.71	8466.05	89.39
Tomatoes	8541	*	*	*
Green peppers	37378	141.98	14183.89	99.9
Red peppers	93990	1056.84	26125.19	24.72
Swiss chard	9000	*	*	*
Root crops	197178	2292.81	270174.5	
Beetroot	7019	2.89	263.97	91.34
Carrot	11648	15.01	818.4	54.52
Onion	103269	*	*	*
Potatoes	19639	50.28	4922.53	97.9
Garlic	137501	647.92	63761.59	98.41
Taro / 'Godere'	-	-	-	-
Sweet potatoes	7510	*	*	*
Fruit crops	37835	167.51	13093.78	
Avocados	*	*	-	-
Bananas	13658	42.8	837.15	19.56
Guavas	*	*	-	-
Lemons	11363	18.39	1075.51	58.48
Mangoes	*	*	*	*
Oranges	10652	45.29	6532.47	144.24
Papayas	16018	*	*	*
Pineapples	-	-	-	-
Chat	18016	117.38	174.89	1.49
Coffee	54062	695.68	1495.71	2.15
Hops	147598	3319.03	22536.18	6.79
Sugar cane	13591	224.34	25718.9	114.64

Table 6.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

East Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	425022	560403.53	8403577.56	
Cereals	420561	440893.55	6995558	
Teff	315065	221752.56	3018976.49	13.61
Barley	123267	38704.76	457921.35	11.83
Wheat	221680	80202.4	1585858.07	19.77
Maize	326782	54482.7	1191729.39	21.87
Sorghum	73201	41874.31	706533.28	16.87
Finger millet	*	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	291299	91096.2	1227433	
Faba beans	204148	31954.08	430515.06	13.47
Field peas	46776	6791.08	78361.02	11.54
Haricot beans	33374	*	*	*
Chick-peas	74549	20874.25	308840.89	14.8
Lentils	10762	1008.9	9612.9	9.53
Grass peas	85273	18504.69	267349.3	14.45
Soya beans	*	*	-	-
Fenugreek	12775	652.76	3550.92	5.44
Gibto	17391	*	*	*
Oilseeds	144167	28413.78	180586.57	
Neug	87047	21103.77	111531.18	5.28
Linseed	20254	2039.37	22481.5	11.02
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	*	*	*	*
Rape seed	54957	2840.68	37658.13	13.26
Vegetables	139627	2209.38	95730.95	
Lettuce	*	*	-	-
Head cabbage	9058	61.18	6950.15	113.6
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	-	-
Green peppers	39859	321.42	29413.09	91.51
Red peppers	91849	1792.08	57239	31.94
Swiss chard	*	*	-	-
Root crops	162232	3584.22	386016.76	
Beetroot	8676	18.46	1561.65	84.6
Carrot	*	*	*	*
Onion	30490	551.8	62204.26	112.73
Potatoes	58869	2450.7	251025.67	102.43
Garlic	91853	555.01	70591.65	127.19
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	11661	58.5	*	
Avocados	*	*	-	-
Bananas	6125	*	*	*
Guavas	-	-	-	-
Lemons	*	*	-	-
Mangoes	*	*	-	-
Oranges	5019	11.47	79.26	6.91
Papayas	-	-	-	-
Pineapples	-	-	-	-
Chat	5990	28.74	-	-
Coffee	21399	128.63	186.52	1.45
Hops	140249	2295.93	16370	7.13
Sugar cane	11204	*	*	*

Table 6.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

West Gojjam

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	431583	522002.07	9482745.55	
Cereals	430655	408309.15	8066015.94	
Teff	284574	142451.8	2181529.41	15.31
Barley	89851	23626.99	239368.93	10.13
Wheat	90000	21229.02	425210.87	20.03
Maize	418710	158270.91	4374738.33	27.64
Sorghum	*	*	*	*
Finger millet	172109	60380.41	818413.26	13.55
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	265995	74235.99	970886.71	
Faba beans	162567	26525.41	393355.37	14.83
Field peas	59912	8714.05	74676.67	8.57
Haricot beans	18872	3391.81	*	*
Chick-peas	42208	10949.4	132978.46	12.14
Lentils	*	*	*	*
Grass peas	59380	16233.36	257180.24	15.84
Soya beans	*	*	*	*
Fenugreek	12979	*	*	*
Gibto	39623	7283.16	52222.93	7.17
Oilseeds	244722	39456.93	445842.9	
Neug	76924	20236.28	137517.53	6.8
Linseed	20878	1646.43	15777.15	9.58
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	*	*	*	*
Rape seed	172549	10904.68	225929.72	20.72
Vegetables	298740	11427.92	129884.87	
Lettuce	-	-	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	*	*
Green peppers	7931	40.38	3387.01	83.88
Red peppers	291314	11324.79	120269.22	10.62
Swiss chard	-	-	-	-
Root crops	185697	5372.47	560485.5	
Beetroot	4531	*	*	*
Carrot	*	*	*	*
Onion	27151	*	*	*
Potatoes	88595	4304.38	454284.69	105.54
Garlic	104750	433.71	41428.19	95.52
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	38752	498.17	45085.81	
Avocados	3220	*	-	-
Bananas	17616	*	*	*
Guavas	9975	*	*	*
Lemons	14570	*	*	*
Mangoes	*	*	*	*
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	40987	1421.62	5416.39	3.81
Hops	179037	2631.57	19315.75	7.34
Sugar cane	18543	*	*	*

Table 6.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Waghemra

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	94451	99838.12	1061561.94	
Cereals	91821	71992.38	746080.03	
Teff	65257	22220.17	207589.23	9.34
Barley	65413	20050.17	180006.97	8.98
Wheat	41459	8804.58	95521.78	10.85
Maize	47017	1719.65	21824.36	12.69
Sorghum	34828	18966.83	238907.72	12.6
Finger millet	*	*	*	*
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	76683	23751.64	276960.16	
Faba beans	59278	13161.87	186444.46	14.17
Field peas	18576	3221.22	34389.5	10.68
Haricot beans	16842	2158.2	*	*
Chick-peas	7047	1275.32	7674.31	6.02
Lentils	23392	3794.55	32800.22	8.64
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	7441	89.35	356.32	3.99
Gibto	*	*	-	-
Oilseeds	35832	4094.1	38521.75	
Neug	4221	198.84	788.19	3.96
Linseed	22389	1212.93	11698.16	9.64
Groundnuts	*	*	-	-
Safflower	7088	*	*	*
Sesame	*	*	*	*
Rape seed	*	*	*	*
Vegetables	3931	19.05	*	
Lettuce	*	*	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	*	*	-	-
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	*	*	-	-
Swiss chard	*	*	-	-
Root crops	14151	91.24	6239.16	
Beetroot	*	*	*	*
Carrot	*	*	-	-
Onion	2076	*	*	*
Potatoes	*	*	-	-
Garlic	10925	45.23	4891.6	108.15
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	*	*	*	
Avocados	-	-	-	-
Bananas	*	*	*	*
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	*	*	-	-
Oranges	*	*	-	-
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	*	*	*	*
Hops	*	*	*	*
Sugar cane	*	*	-	-

Table 6.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Awi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	176907	244824.92	4384322.88	
Cereals	174868	194342.98	3155420	
Teff	103036	59111.09	586836.59	9.93
Barley	53332	15065.08	176453.96	11.71
Wheat	33889	9116.78	154501.94	16.95
Maize	157666	53004.88	1354611	25.56
Sorghum	19139	9125.36	*	*
Finger millet	74368	48498.92	693948.45	14.31
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	69248	16287.93	159377.99	
Faba beans	23911	4305.23	53949.52	12.53
Field peas	12017	*	10452.37	*
Haricot beans	*	*	*	*
Chick-peas	*	*	*	*
Lentils	-	-	-	-
Grass peas	*	*	-	-
Soya beans	*	*	*	*
Fenugreek	*	*	*	*
Gibto	25536	6429.58	29645.95	4.61
Oilseeds	90318	34194	1069524.9	
Neug	44821	22674.43	159337.46	7.03
Linseed	6091	492.46	*	*
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	15929	7220.64	*	*
Rape seed	38527	2408.33	56914.6	23.63
Vegetables	81900	2785.85	34528	
Lettuce	-	-	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	13122	45.8	4082.81	89.14
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	72608	2734.44	29914.76	10.94
Swiss chard	*	*	-	-
Root crops	85837	4969.46	261757.3	
Beetroot	*	*	*	*
Carrot	*	*	*	*
Onion	10258	*	*	*
Potatoes	57104	3902.65	244384.07	62.62
Garlic	27512	103.46	11272.09	108.95
Taro / 'Godere'	-	-	-	-
Sweet potatoes	11401	*	*	*
Fruit crops	13495	137.83	*	
Avocados	*	*	*	*
Bananas	6390	*	*	*
Guavas	*	*	-	-
Lemons	4177	*	*	*
Mangoes	*	*	-	-
Oranges	2163	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	*	*	-	-
Coffee	11712	90.5	184.63	2.04
Hops	60898	426.57	1663.64	3.9
Sugar cane	8159	113.09	99324.1	878.27

Table 6.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Oromia Zone

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	96044	53770.71	781206.33	
Cereals	95630	47356.47	727740.23	
Teff	40970	11843.87	135718.32	11.46
Barley	7732	688.22	7651.55	11.12
Wheat	*	215.25	*	*
Maize	61659	5845.44	99178.32	16.97
Sorghum	75009	28288.56	476761.22	16.85
Finger millet	3706	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	36336	4969.29	39926.21	
Faba beans	*	*	*	*
Field peas	7257	*	*	*
Haricot beans	24335	2635.81	22164.47	8.41
Chick-peas	5167	557.24	4114.69	7.38
Lentils	4834	251.6	*	*
Grass peas	2375	318.17	3660.63	11.51
Soya beans	-	-	-	-
Fenugreek	*	*	*	*
Gibto	-	-	-	-
Oilseeds	26732	1444.96	13539.89	
Neug	1853	*	342.2	*
Linseed	4528	97.4	945.36	9.71
Groundnuts	1476	*	*	*
Safflower	12637	347.02	2958.26	8.52
Sesame	10344	729.4	8147.99	11.17
Rape seed	2178	*	*	*
Vegetables	22479	512.33	17162.46	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	1876	*	*	*
Green peppers	5785	120.36	8421.88	69.97
Red peppers	15571	371.31	6174.84	16.63
Swiss chard	-	-	-	-
Root crops	6972	268.56	10797.74	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	2841	*	*	*
Potatoes	-	-	-	-
Garlic	*	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	16136	102.91	3408.8	
Avocados	*	*	-	-
Bananas	3567	*	*	*
Guavas	4466	*	*	*
Lemons	2633	3.66	300.85	82.2
Mangoes	3952	11.78	-	-
Oranges	3194	18.03	914.02	50.69
Papayas	7700	25.29	1316.08	52.04
Pineapples	-	-	-	-
Chat	23150	1408.47	4704.28	3.34
Coffee	11329	466.01	1658.98	3.56
Hops	-	-	-	-
Sugar cane	*	*	*	*

Table 6.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Argoba Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	6623	4444.19	68066.13	
Cereals	6623	3944.70	62149.49	
Teff	2885	726.49	11177.69	15.39
Barley	826	93.88	1291.27	13.75
Wheat	253	29.71	420.78	14.16
Maize	4089	367.01	6349.57	17.3
Sorghum	5736	2663.90	42112.76	15.81
Finger millet	289	12.42	124.31	10.01
Oats / 'Aja'	469	51.28	673.11	13.13
Rice	*	*	-	-
Pulses	3014	340.83	3704.77	
Faba beans	*	*	*	*
Field peas	395	39.67	409.80	10.33
Haricot beans	2417	253.43	2903.80	11.46
Chick-peas	101	*	125.62	*
Lentils	358	26.57	170.45	6.42
Grass peas	*	*	*	*
Soya beans	*	*	-	-
Fenugreek	132	0.54	4.50	8.33
Gibto	-	-	-	-
Oilseeds	1987	158.66	2211.86	
Neug	221	11.69	97.54	8.34
Linseed	331	10.85	*	*
Groundnuts	*	*	*	*
Safflower	962	35.67	500.21	14.02
Sesame	757	99.50	1507.22	15.15
Rape seed	*	*	*	*
Vegetables	1122	20.31	240.26	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	1054	19.90	204.53	10.28
Swiss chard	-	-	-	-
Root crops	118	*	*	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	-	-	-	-
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	-	-
Fruit crops	919	11.34	280.55	
Avocados	*	*	-	-
Bananas	118	3.27	47.96	14.67
Guavas	284	*	*	*
Lemons	173	*	*	*
Mangoes	85	*	-	-
Oranges	*	*	*	*
Papayas	628	2.78	110.97	39.92
Pineapples	-	-	-	-
Chat	136	1.48	14.35	9.7
Coffee	486	6.62	30.10	4.55
Hops	*	*	*	*
Sugar cane	*	*	*	*

Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Oromia Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	5153139	4951938.18	78001206.46	
Cereals	5028871	4051535.78	68620657.08	
Teff	2164168	1082816.68	12412870.81	11.46
Barley	1416458	466222.61	6741769.51	14.46
Wheat	1716473	768544.05	13402137.10	17.44
Maize	3464165	968922.12	21469576.69	22.16
Sorghum	2070300	649670.54	13051073.14	20.09
Finger millet	410899	91748.85	1226638.06	13.37
Oats / 'Aja'	150233	21383.13	273967.72	12.81
Rice	15587	*	*	*
Pulses	2547933	564533.40	6881434.21	
Faba beans	1226816	196861.89	2586244.48	13.14
Field peas	440905	80860.91	932199.33	11.53
Haricot beans	1025125	116708.42	1334301.04	11.43
Chick-peas	262869	66797.45	902043.74	13.5
Lentils	257770	34624.08	314614.79	9.09
Grass peas	228314	51614.86	668797.22	12.96
Soya beans	29919	3372.10	33884.51	10.05
Fenugreek	252679	13573.18	109349.10	8.06
Gibto	*	*	-	-
Oilseeds	1182821	335869.00	2499115.17	
Neug	408007	142846.62	792657.69	5.55
Linseed	425984	105811.50	1006218.67	9.51
Groundnuts	170799	27989.62	301371.38	10.77
Safflower	24999	1225.30	4779.99	3.9
Sesame	169747	47711.05	297303.87	6.23
Rape seed	199626	10284.92	96783.57	9.41
Vegetables	2039114	43338.05	1714815.27	
Lettuce	17219	*	*	*
Head cabbage	156078	1324.78	79312.25	59.87
Ethiopian cabbage	1185004	10699.90	723285.30	67.6
Tomatoes	50715	3380.28	*	*
Green peppers	607576	4646.59	316682.02	68.15
Red peppers	596306	22950.94	294093.38	12.81
Swiss chard	18531	45.79	*	*
Root crops	1944679	79890.11	6021261.88	
Beetroot	167634	1523.07	145705.75	95.67
Carrot	70505	*	*	*
Onion	314565	11202.97	1034442.04	92.34
Potatoes	306862	19839.52	1495274.67	75.37
Garlic	497117	3567.68	414547.97	116.2
Taro / 'Godere'	384174	10117.73	599160.08	59.22
Sweet potatoes	732502	30301.24	2180179.36	71.95
Fruit crops	1255050	25591.45	1840367.20	
Avocados	169972	1758.97	108529.58	61.7
Bananas	804572	14835.44	887196.99	59.8
Guavas	172840	1251.74	19876.65	15.88
Lemons	39874	140.84	5452.73	38.72
Mangoes	359062	3500.53	256073.43	73.15
Oranges	195273	1907.20	232341.85	121.82
Papayas	301854	2188.42	330663.19	151.1
Pineapples	4608	*	*	*
Chat	1381647	115644.49	945611.43	8.18
Coffee	1483865	281536.18	1983791.18	7.05
Hops	542468	7379.16	151704.37	20.56
Sugar cane	387761	9356.35	2857110.63	305.37

Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

West Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	243078	210650.68	3237246.24	
Cereals	239559	173574.02	2891571.67	
Teff	88398	30220.59	301896.54	9.99
Barley	41261	1872.02	20151.87	10.76
Wheat	26008	2031.49	26550.88	13.07
Maize	215321	64238.24	1394022.95	21.7
Sorghum	186475	44081.95	760052.75	17.24
Finger millet	107509	31129.15	388893.52	12.49
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	137858	13613.44	163036.25	
Faba beans	55892	4062.35	53030.46	13.05
Field peas	33759	2042.36	21191.89	10.38
Haricot beans	82392	5779.91	70032.1	12.12
Chick-peas	5542	*	*	*
Lentils	-	-	-	-
Grass peas	12435	*	*	*
Soya beans	*	*	*	*
Fenugreek	7150	*	*	*
Gibto	-	-	-	-
Oilseeds	90869	23463.22	182638.32	
Neug	64761	15090.16	105332.31	6.98
Linseed	13507	749.4	8960.73	11.96
Groundnuts	9688	*	*	*
Safflower	*	*	-	-
Sesame	17504	6831.93	*	*
Rape seed	3961	*	*	*
Vegetables	119425	2322.74	46631.11	
Lettuce	-	-	-	-
Head cabbage	3219	14.01	833.29	59.48
Ethiopian cabbage	25144	263.31	16536.11	62.8
Tomatoes	*	*	*	*
Green peppers	18777	202.53	8512.3	42.03
Red peppers	86551	1836.76	20681.94	11.26
Swiss chard	-	-	-	-
Root crops	146353	5554.79	450373.46	
Beetroot	3916	*	*	*
Carrot	4542	8.91	685.11	76.89
Onion	6824	*	*	*
Potatoes	26724	694.36	50105.19	72.16
Garlic	12402	*	*	*
Taro / 'Godere'	15852	121.09	10011.45	82.68
Sweet potatoes	127809	4550.92	373630.6	82.1
Fruit crops	143468	3372.78	249618.69	
Avocados	33276	316.69	20863.37	65.88
Bananas	102932	1978.77	137939.87	69.71
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	57329	671.59	55466.54	82.59
Oranges	32243	341.46	26425.97	77.39
Papayas	10597	47.48	8329.4	175.43
Pineapples	-	-	-	-
Chat	42782	1479.95	14547.88	9.83
Coffee	199299	56762.32	349655.89	6.16
Hops	37188	381.19	3998.66	10.49
Sugar cane	9389	297.78	90223.33	302.99

Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

East Welega

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	211773	317819.05	5039566.26	
Cereals	209633	251922.84	4511986.52	
Teff	112996	71121.17	865751.26	12.17
Barley	45092	7615.96	81146.98	10.65
Wheat	39578	8052.5	121911.42	15.14
Maize	194742	95897.23	2387616.8	24.9
Sorghum	117374	52840.48	871395.47	16.49
Finger millet	43096	16063.07	183258.11	11.41
Oats / 'Aja'	*	*	*	*
Rice	*	*	-	-
Pulses	106206	18779.71	232418.4	
Faba beans	68913	10539.03	147537.38	14
Field peas	16306	2577.62	21425.94	8.31
Haricot beans	28326	3253.82	*	*
Chick-peas	5819	*	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	6067	*	*	*
Fenugreek	17922	218.91	595.33	2.72
Gibto	-	-	-	-
Oilseeds	113724	47116.5	295161.35	
Neug	69628	25808.68	175085.88	6.78
Linseed	7342	290.41	2896.51	9.97
Groundnuts	21156	*	*	*
Safflower	*	*	*	*
Sesame	38050	15611.83	61452.01	3.94
Rape seed	13885	573.43	5733.59	10
Vegetables	116717	2792.63	49630.09	
Lettuce	-	-	-	-
Head cabbage	4906	9.45	-	-
Ethiopian cabbage	14948	88.99	7010.85	78.78
Tomatoes	*	*	-	-
Green peppers	27486	206.85	15317.12	74.05
Red peppers	88093	2482.01	27302.12	11
Swiss chard	*	*	-	-
Root crops	84444	2105.48	190343.73	
Beetroot	11940	*	*	*
Carrot	3739	*	*	*
Onion	13918	*	*	*
Potatoes	12534	308.17	21128.1	68.56
Garlic	31209	148.24	18795.52	126.79
Taro / 'Godere'	5164	*	*	*
Sweet potatoes	40065	1402.14	130413.44	93.01
Fruit crops	55798	1041.91	63430.45	
Avocados	*	*	-	-
Bananas	31003	511.96	17089.22	33.38
Guavas	-	-	-	-
Lemons	*	*	*	*
Mangoes	30577	473.58	36526.86	77.13
Oranges	2990	*	*	*
Papayas	6901	*	*	*
Pineapples	-	-	-	-
Chat	24847	*	*	*
Coffee	55057	6620.56	45814.24	6.92
Hops	40110	343.52	6231.54	18.14
Sugar cane	5774	345.59	16761.07	48.5

Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Illubabor

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	269379	234425.02	3658903.69	
Cereals	262408	205295.69	3392244.39	
Teff	140221	66128.6	970097.94	14.67
Barley	44179	4272	46384.22	10.86
Wheat	13940	*	*	*
Maize	230786	73945.92	1409666.78	19.06
Sorghum	174584	51607.22	837832.59	16.23
Finger millet	45894	6717.82	89922.51	13.39
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	145715	15251.07	178241.38	
Faba beans	43528	4799.96	62960.09	13.12
Field peas	22299	2951.27	56529.86	19.15
Haricot beans	104822	4308.69	33220.67	7.71
Chick-peas	8878	*	*	*
Lentils	-	-	-	-
Grass peas	*	*	*	*
Soya beans	7295	*	*	*
Fenugreek	16853	149.66	538.14	3.6
Gibto	-	-	-	-
Oilseeds	69855	13878.26	88417.92	
Neug	33454	8495.23	29811.36	3.51
Linseed	9595	286.29	3083.46	10.77
Groundnuts	10880	*	*	*
Safflower	*	*	-	-
Sesame	25546	4727.32	52435.01	11.09
Rape seed	4116	76.85	467.8	6.09
Vegetables	159896	2270.94	85749.67	
Lettuce	-	-	-	-
Head cabbage	18807	28.76	2865.87	99.65
Ethiopian cabbage	88051	391.42	29998.55	76.64
Tomatoes	3716	3.73	114.12	30.6
Green peppers	62897	441.1	26916.17	61.02
Red peppers	62902	1405.92	25854.96	18.39
Swiss chard	-	-	-	-
Root crops	127347	2662.33	232100.13	
Beetroot	18096	28.29	2886.94	102.05
Carrot	2934	5.08	431.21	84.88
Onion	9536	28.14	2642.73	93.91
Potatoes	2921	*	*	*
Garlic	14325	*	*	*
Taro / 'Godere'	74853	869.43	72657.86	83.57
Sweet potatoes	43819	1667.76	148830.96	89.24
Fruit crops	107713	1826.87	138073.21	
Avocados	6625	*	*	*
Bananas	73669	855.97	39973.76	46.7
Guavas	8432	*	*	*
Lemons	6239	17.28	1399.91	81.01
Mangoes	40031	415.48	29050.18	69.92
Oranges	23144	*	*	*
Papayas	36573	167.5	42172.77	251.78
Pineapples	*	*	-	-
Chat	76628	2181.82	21578.21	9.89
Coffee	140728	42158.8	266022.04	6.31
Hops	22552	92.29	1181.37	12.8
Sugar cane	34479	492.85	152827.87	310.09

Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Jimma

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	545556	435325.97	6370669.51	
Cereals	529399	380924.66	5874086.93	
Teff	365558	130698.04	1374056.13	10.51
Barley	127074	20852.88	274184.41	13.15
Wheat	127135	28202.65	460730.35	16.34
Maize	333603	122181.36	2552849.72	20.89
Sorghum	262275	66895.53	1011573.76	15.12
Finger millet	46520	9900.27	*	*
Oats / 'Aja'	10340	590.47	*	*
Rice	*	*	*	*
Pulses	250213	35431.96	406715.79	
Faba beans	133760	21167.4	263047.54	12.43
Field peas	57766	9271.23	91423.81	9.86
Haricot beans	100979	3309.49	*	*
Chick-peas	*	*	*	*
Lentils	20241	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	114537	18969.35	89866.78	
Neug	39120	9156.98	38208.32	4.17
Linseed	50145	1661.21	15354.95	9.24
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	*	*	*	*
Rape seed	14543	*	*	*
Vegetables	422672	7998.85	349089.41	
Lettuce	*	*	-	-
Head cabbage	45163	226.62	25227.42	111.32
Ethiopian cabbage	345239	2086.17	179264.43	85.93
Tomatoes	4356	*	*	*
Green peppers	116134	470.75	30551.79	64.9
Red peppers	105482	*	*	*
Swiss chard	*	*	-	-
Root crops	331667	10409.74	595270.8	
Beetroot	23870	*	*	*
Carrot	*	*	*	*
Onion	*	47.88	4512.43	94.24
Potatoes	22774	776.19	64812.18	83.5
Garlic	41848	162.6	16422.43	101
Taro / 'Godere'	262183	8723.11	495385.56	56.79
Sweet potatoes	30419	*	-	-
Fruit crops	291057	4900.68	446108.42	
Avocados	63341	*	*	*
Bananas	205783	2582.49	203552.26	78.82
Guavas	44839	214.5	3925.43	18.3
Lemons	*	*	*	*
Mangoes	105978	715.11	64381.81	90.03
Oranges	68590	409.27	64730.25	158.16
Papayas	92069	401.69	66584.21	165.76
Pineapples	3645	*	*	*
Chat	299049	14668.77	137152.98	9.35
Coffee	342550	73278.16	559112.39	7.63
Hops	20166	*	*	*
Sugar cane	151842	1536.73	566529.56	368.66

Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	449360	551421.12	7559266.75	
Cereals	442752	456807.63	6641946.92	
Teff	246942	141809.87	1599282.42	11.28
Barley	162530	61324.27	787984.1	12.85
Wheat	223875	92775.02	1394554.42	15.03
Maize	268218	75772.9	1625856.94	21.46
Sorghum	172643	81211.53	1198645.43	14.76
Finger millet	*	*	*	*
Oats / 'Aja'	14127	1619.1	12466.34	7.7
Rice	-	-	-	-
Pulses	237316	60262.99	715289.99	
Faba beans	164129	24956.61	328978.63	13.18
Field peas	67018	13875.38	160884.52	11.59
Haricot beans	11692	136.56	1055.41	7.73
Chick-peas	34335	7509.74	81691.25	10.88
Lentils	42248	4866.94	35998.04	7.4
Grass peas	25143	*	*	*
Soya beans	-	-	-	-
Fenugreek	17304	*	*	*
Gibto	-	-	-	-
Oilseeds	124227	34350.49	202029.84	
Neug	43508	17801.97	86869.5	4.88
Linseed	44279	13913.57	96098.5	6.91
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	*	*	*	*
Rape seed	46601	*	*	*
Vegetables	243046	4696.56	105478.32	
Lettuce	*	*	-	-
Head cabbage	14992	90.78	9214.65	101.51
Ethiopian cabbage	132825	851.94	56696.31	66.55
Tomatoes	*	*	*	*
Green peppers	93732	573.48	39105.91	68.19
Red peppers	62440	*	-	-
Swiss chard	*	*	*	*
Root crops	215278	4113.86	240083.29	
Beetroot	28061	65.88	6601.03	100.2
Carrot	10247	*	*	*
Onion	84012	405.69	35465.42	87.42
Potatoes	68013	1713.79	121867.72	71.11
Garlic	104846	600.13	64334.06	107.2
Taro / 'Godere'	*	*	-	-
Sweet potatoes	27284	*	-	-
Fruit crops	40723	436.33	23455.51	
Avocados	3737	*	-	-
Bananas	16819	106.32	5841	54.94
Guavas	*	*	-	-
Lemons	6316	22.89	921.63	40.26
Mangoes	15379	*	*	*
Oranges	3162	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	32525	285.53	2344.21	8.21
Coffee	26628	363.63	2043.59	5.62
Hops	137522	1038.88	24299.31	23.39
Sugar cane	21733	504.68	43634.98	86.46

Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

North Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	287135	372573.39	4307990.27	
Cereals	281550	286525.21	3397086.6	
Teff	200210	113056.99	1100963.83	9.74
Barley	125041	84136.43	1125565.2	13.38
Wheat	137269	56949.93	709558.41	12.46
Maize	104275	5627.06	88952.9	15.81
Sorghum	65414	26107.16	365847.38	14.01
Finger millet	*	*	*	*
Oats / 'Aja'	9067	481.51	3075.59	6.39
Rice	-	-	-	-
Pulses	177110	76055.51	864293.67	
Faba beans	143343	40189.08	481925.09	11.99
Field peas	22432	4005.69	43725.67	10.92
Haricot beans	*	*	*	*
Chick-peas	21913	*	*	*
Lentils	43457	10062.24	78915.13	7.84
Grass peas	52424	15839.76	181487.93	11.46
Soya beans	*	*	-	-
Fenugreek	3822	*	*	*
Gibto	*	*	-	-
Oilseeds	48821	9992.66	46610.01	
Neug	26473	6320.32	18287.69	2.89
Linseed	18277	3304.1	27594.1	8.35
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	*	*	*	*
Rape seed	5708	*	-	-
Vegetables	99010	586.18	34929.35	
Lettuce	*	*	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	54521	203.63	19429.98	95.42
Tomatoes	*	*	-	-
Green peppers	29882	176.81	11475.29	64.9
Red peppers	14297	*	*	*
Swiss chard	4685	*	-	-
Root crops	106658	*	95632.47	
Beetroot	8813	*	*	*
Carrot	4933	*	-	-
Onion	10495	40.9	4409.89	107.82
Potatoes	8214	*	*	*
Garlic	95723	428.44	48289.86	112.71
Taro / 'Godere'	-	-	-	-
Sweet potatoes	-	-	-	-
Fruit crops	7848	38.72	*	
Avocados	-	-	-	-
Bananas	*	*	*	*
Guavas	-	-	-	-
Lemons	*	*	*	*
Mangoes	-	-	-	-
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	2233	*	*	*
Coffee	4487	9.56	59.77	6.25
Hops	60510	365.21	6555.56	17.95
Sugar cane	*	*	*	*

Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

East Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	288888	421468.18	7183114.62	
Cereals	283055	349116.25	6169436.53	
Teff	195169	154506.02	1978854.34	12.81
Barley	52292	10769.69	163594.09	15.19
Wheat	150002	86480.27	1435424.39	16.6
Maize	186058	88927.02	2424169.85	27.26
Sorghum	29076	8011.23	163744.01	20.44
Finger millet	-	-	-	-
Oats / 'Aja'	3673	*	*	*
Rice	-	-	-	-
Pulses	160501	71801.48	1009761.76	
Faba beans	66067	8952.63	118672.77	13.26
Field peas	18011	4411.86	58194.39	13.19
Haricot beans	72566	22178.77	298796.54	13.47
Chick-peas	46132	18065.5	296157.32	16.39
Lentils	36248	11119.72	135844.38	12.22
Grass peas	34244	6261.81	91676.46	14.64
Soya beans	-	-	-	-
Fenugreek	7783	811.19	*	*
Gibto	-	-	-	-
Oilseeds	13273	550.46	3916.33	
Neug	-	-	-	-
Linseed	4972	*	*	*
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	-	-	-	-
Rape seed	6950	*	902.21	*
Vegetables	53297	4267.06	387927.26	
Lettuce	*	*	-	-
Head cabbage	1795	*	*	*
Ethiopian cabbage	32661	675.72	65369.44	96.74
Tomatoes	9905	*	*	*
Green peppers	22340	*	*	*
Red peppers	4814	*	*	*
Swiss chard	*	*	-	-
Root crops	23870	*	*	
Beetroot	1569	*	*	*
Carrot	*	*	*	*
Onion	7808	*	*	*
Potatoes	*	*	*	*
Garlic	15447	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	9136	*	*	
Avocados	1707	5.07	101.69	20.06
Bananas	2091	*	*	*
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	*	*	-	-
Oranges	1377	*	*	*
Papayas	5539	*	*	*
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	3884	38.53	137.93	3.58
Hops	38842	2375.87	56759.64	23.89
Sugar cane	-	-	-	-

Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	484287	537483.89	7772603.06	
Cereals	471124	413388.33	6374736.19	
Teff	220641	91128.81	951920.38	10.45
Barley	210008	106112.28	1745185.21	16.45
Wheat	259204	124896.09	2053569.72	16.44
Maize	280811	59572.7	1107152.41	18.58
Sorghum	103452	25475.35	453218.46	17.79
Finger millet	5299	*	*	*
Oats / 'Aja'	37134	4488.71	41917.13	9.34
Rice	*	*	*	*
Pulses	275372	73780.16	936161.09	
Faba beans	172991	35988.02	481354.8	13.38
Field peas	59305	14455.19	165370.71	11.44
Haricot beans	80655	13324.99	181723.27	13.64
Chick-peas	*	*	*	*
Lentils	17170	835.05	6052.57	7.25
Grass peas	31551	6875.93	*	*
Soya beans	-	-	-	-
Fenugreek	22021	1555.12	9111.02	5.86
Gibto	-	-	-	-
Oilseeds	135540	50315.39	461705.79	
Neug	19887	3381.73	18752.69	5.55
Linseed	106480	43336.33	401065.03	9.25
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	*	*	*	*
Rape seed	25380	3142.08	33923.5	10.8
Vegetables	100269	1355.48	39945.67	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	67599	865.51	24225.52	27.99
Tomatoes	3193	*	*	*
Green peppers	25011	189.37	11151.84	58.89
Red peppers	11449	*	*	*
Swiss chard	*	*	-	-
Root crops	102609	7703.81	436065.56	
Beetroot	12777	*	*	*
Carrot	*	*	*	*
Onion	17648	*	*	*
Potatoes	15999	*	*	*
Garlic	45455	603.84	80202.43	132.82
Taro / 'Godere'	*	*	-	-
Sweet potatoes	16115	*	*	*
Fruit crops	42732	*	*	
Avocados	*	*	-	-
Bananas	31468	*	*	*
Guavas	*	*	*	*
Lemons	*	*	-	-
Mangoes	*	*	-	-
Oranges	17750	316.17	41459.46	131.13
Papayas	*	78.59	20037.27	254.96
Pineapples	-	-	-	-
Chat	43403	4066.05	26551.29	6.53
Coffee	51883	*	*	*
Hops	37906	655.49	12683.81	19.35
Sugar cane	15725	1392.08	277205.43	199.13

Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

West Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	344754	221887.48	4507815.67	
Cereals	344245	196970.33	4160286.7	
Teff	71467	8465.36	106484.43	12.58
Barley	87074	7486.85	89050.36	11.89
Wheat	38802	*	*	*
Maize	298072	68512.21	1334376.17	19.48
Sorghum	277652	105735.61	2532615.44	23.95
Finger millet	26018	2159	*	*
Oats / 'Aja'	5069	*	*	*
Rice	-	-	-	-
Pulses	178815	20471.35	303142.57	
Faba beans	34502	2726.14	40244.41	14.76
Field peas	7350	*	*	*
Haricot beans	133970	14631.6	235085.03	16.07
Chick-peas	7688	*	*	*
Lentils	21011	656.94	3665.75	5.58
Grass peas	*	*	*	*
Soya beans	*	*	*	*
Fenugreek	37875	1437.21	11302.92	7.86
Gibto	-	-	-	-
Oilseeds	60360	4445.8	44386.41	
Neug	*	*	*	*
Linseed	29433	894.39	7020.19	7.85
Groundnuts	19626	1444.78	19059.69	13.19
Safflower	*	*	*	*
Sesame	16230	*	*	*
Rape seed	2006	*	*	*
Vegetables	72458	1925.01	58194.33	
Lettuce	-	-	-	-
Head cabbage	6915	*	*	*
Ethiopian cabbage	4201	*	*	*
Tomatoes	11137	124.11	-	-
Green peppers	25100	161.2	10729.7	66.56
Red peppers	36444	*	*	*
Swiss chard	-	-	-	-
Root crops	120252	7786.47	553808.3	
Beetroot	*	*	*	*
Carrot	*	*	-	-
Onion	46169	2355.22	248899.95	105.68
Potatoes	*	*	*	*
Garlic	4736	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	82992	4940.49	270047.3	54.66
Fruit crops	127751	1939.6	142118.04	
Avocados	*	*	*	*
Bananas	62877	963.11	56197.64	58.35
Guavas	46949	209.51	3567.92	17.03
Lemons	10771	*	*	*
Mangoes	33244	185.54	13672.8	73.69
Oranges	25175	*	*	*
Papayas	39447	322.24	51738.29	160.56
Pineapples	-	-	-	-
Chat	243419	30829.72	182820.24	5.93
Coffee	139198	15056.17	77087.59	5.12
Hops	*	53.17	465.77	8.76
Sugar cane	23070	546.8	223081.46	407.98

Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

East Harerge

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	602930	249015.94	5904552.61	
Cereals	601333	213945.04	5524969.06	
Teff	41110	3749.05	35507.49	9.47
Barley	89505	5950.43	71964.49	12.09
Wheat	93526	10212.63	162150.55	15.88
Maize	464902	68082.32	1672553.3	24.57
Sorghum	437472	125620.37	3578422.18	28.49
Finger millet	2995	*	*	*
Oats / 'Aja'	4736	266.56	4315.28	16.19
Rice	*	*	-	-
Pulses	209723	14079.83	156741.62	
Faba beans	51067	2976.9	33617.49	11.29
Field peas	*	*	*	*
Haricot beans	137259	8064.25	103291.32	12.81
Chick-peas	*	*	*	*
Lentils	25358	*	*	*
Grass peas	*	*	*	*
Soya beans	*	*	-	-
Fenugreek	58521	1076.72	6447.6	5.99
Gibto	-	-	-	-
Oilseeds	122950	20991.07	222841.94	
Neug	-	-	-	-
Linseed	41074	1177.33	10384.56	8.82
Groundnuts	86363	19444.36	*	*
Safflower	-	-	-	-
Sesame	*	*	*	*
Rape seed	*	*	-	-
Vegetables	43096	*	*	
Lettuce	*	*	*	*
Head cabbage	*	*	*	*
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	8340	37.53	282.98	7.54
Swiss chard	-	-	-	-
Root crops	305210	16700.35	1496693.45	
Beetroot	*	*	*	*
Carrot	*	*	*	*
Onion	38302	*	*	*
Potatoes	32888	*	*	*
Garlic	24718	235.51	33183.03	140.9
Taro / 'Godere'	-	-	-	-
Sweet potatoes	266143	11510.34	965947.64	83.92
Fruit crops	182526	2021.83	120083.63	
Avocados	*	*	-	-
Bananas	102269	1166.38	68956.6	59.12
Guavas	57886	353.72	5567.52	15.74
Lemons	*	*	*	*
Mangoes	31898	291.88	16336.73	55.97
Oranges	8292	*	*	*
Papayas	42713	131.31	14989.06	114.15
Pineapples	-	-	-	-
Chat	456413	48255.11	464214.17	9.62
Coffee	159036	8407.95	60284.98	7.17
Hops	*	*	*	*
Sugar cane	49874	1339	542723.17	405.32

Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Bale

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	311696	300035.4	5254303.84	
Cereals	300650	256561.67	4820219.39	
Teff	105189	40424.1	393329.24	9.73
Barley	89984	24691.37	444479.76	18
Wheat	186217	137756.65	3007243.74	21.83
Maize	149702	31021.43	604793.45	19.5
Sorghum	42448	10667.71	180007.23	16.87
Finger millet	-	-	-	-
Oats / 'Aja'	52039	11999.33	190365.97	15.86
Rice	*	*	-	-
Pulses	97249	21229.33	249315.12	
Faba beans	26318	5153.62	98758.89	19.16
Field peas	26281	6673.44	73209.86	10.97
Haricot beans	29783	2474.38	19991.47	8.08
Chick-peas	8119	*	*	*
Lentils	11851	1055.01	9074.81	8.6
Grass peas	*	*	*	*
Soya beans	-	-	-	-
Fenugreek	21305	*	*	*
Gibto	-	-	-	-
Oilseeds	56493	22244.4	184769.33	
Neug	13311	*	*	*
Linseed	27400	13295.41	149412.4	11.24
Groundnuts	-	-	-	-
Safflower	-	-	-	-
Sesame	16886	*	*	*
Rape seed	*	*	-	-
Vegetables	33975	*	26948.68	
Lettuce	-	-	-	-
Head cabbage	3243	*	*	*
Ethiopian cabbage	12670	121.17	9267.93	76.49
Tomatoes	*	*	*	*
Green peppers	9171	129.41	7997.74	61.8
Red peppers	13479	*	*	*
Swiss chard	-	-	-	-
Root crops	42020	2255.41	122694.37	
Beetroot	*	*	*	*
Carrot	*	*	*	*
Onion	22234	645.36	50899.7	78.87
Potatoes	8830	*	*	*
Garlic	3629	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	41400	2573.93	208601.41	
Avocados	*	*	-	-
Bananas	25803	*	*	*
Guavas	*	*	*	*
Lemons	-	-	-	-
Mangoes	9438	191.88	5059.83	26.37
Oranges	*	*	*	*
Papayas	20580	507.78	74110.55	145.95
Pineapples	-	-	-	-
Chat	47315	7833.08	48956.79	6.25
Coffee	44939	8069.79	55278.05	6.85
Hops	*	*	*	*
Sugar cane	12246	649.2	234262.99	360.85

Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Borena

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	107681	38383.26	578785.32	
Cereals	91937	27477.37	474270.01	
Teff	13915	2176.49	35645.63	16.38
Barley	12287	1147.25	14835.55	12.93
Wheat	8146	941.98	16635.7	17.66
Maize	76560	17682.04	324390.33	18.35
Sorghum	*	*	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	61493	10816.1	104363.64	
Faba beans	11701	*	*	*
Field peas	*	*	*	*
Haricot beans	53666	9830.06	94065.64	9.57
Chick-peas	*	*	*	*
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	2919	*	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	*	*	-	-
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	2415	*	*	*
Vegetables	58371	1024.03	85136.73	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	55971	938.26	79714.65	84.96
Tomatoes	-	-	-	-
Green peppers	12973	73.22	5284.96	72.18
Red peppers	*	*	*	*
Swiss chard	-	-	-	-
Root crops	29272	1107.22	106629	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	*	*	*	*
Sweet potatoes	23188	991.3	97147.03	98
Fruit crops	42810	1278.88	56933.52	
Avocados	18545	244.26	15254.04	62.45
Bananas	31221	999.6	40503.75	40.52
Guavas	1941	*	*	*
Lemons	*	*	-	-
Mangoes	*	*	-	-
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	*	*	-	-
Chat	14309	*	*	*
Coffee	72018	15239.1	149647.93	9.82
Hops	*	*	*	*
Sugar cane	15042	371.37	144477.53	389.04

Table 7.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

South West Shewa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	224235	297367.71	3847849.32	
Cereals	220958	223550.05	2960293.47	
Teff	163702	126100.24	1535776.12	12.18
Barley	62914	20785.69	269083.29	12.95
Wheat	135057	55849.12	861058.03	15.42
Maize	130666	16713.49	249635.04	14.94
Sorghum	28274	4031.47	43978.49	10.91
Finger millet	*	-	-	-
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	150013	61959.43	813451.27	
Faba beans	82099	9961.04	122979.45	12.35
Field peas	26426	6026.17	69983.16	11.61
Haricot beans	8708	*	*	*
Chick-peas	71731	26225.73	358149.25	13.66
Lentils	33431	3301.47	31007.21	9.39
Grass peas	66698	13762.86	199386.04	14.49
Soya beans	*	*	-	-
Fenugreek	12065	*	*	*
Gibto	-	-	-	-
Oilseeds	57120	11858.24	74104.57	
Neug	19714	5540.83	23917.27	4.32
Linseed	22310	5901.64	46569.94	7.89
Groundnuts	-	-	-	-
Safflower	*	*	*	*
Sesame	*	*	-	-
Rape seed	23479	390.13	3221.56	8.26
Vegetables	129413	*	81187.24	
Lettuce	*	*	-	-
Head cabbage	18681	*	*	*
Ethiopian cabbage	96517	439.44	29244.68	66.55
Tomatoes	*	*	*	*
Green peppers	67397	162.02	11048.36	68.19
Red peppers	*	*	-	-
Swiss chard	1891	1.59	29.84	18.77
Root crops	66985	1138.78	97319.23	
Beetroot	21829	43.36	4344.7	100.2
Carrot	4426	4	539.75	134.94
Onion	14669	*	*	*
Potatoes	17923	272.84	19401.61	71.11
Garlic	29466	102.93	11033.94	107.2
Taro / 'Godere'	*	*	-	-
Sweet potatoes	2329	5.32	-	-
Fruit crops	22107	134.59	7517.59	
Avocados	2952	*	-	-
Bananas	12242	85.62	4703.75	54.94
Guavas	*	*	-	-
Lemons	*	*	*	*
Mangoes	*	*	*	*
Oranges	1783	*	*	*
Papayas	7688	26.27	2087.61	79.47
Pineapples	-	-	-	-
Chat	43913	1702.44	13977.05	8.21
Coffee	25323	271.05	1523.31	5.62
Hops	69086	830.3	19420.8	23.39
Sugar cane	16270	*	*	*

Table 7.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Guji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	185778	96366.37	1581213.31	
Cereals	166631	76737.58	1397880.23	
Teff	35602	10667.31	58912.04	5.52
Barley	57277	18809.82	282273.29	15.01
Wheat	35364	*	*	*
Maize	117438	32499.05	727419.61	22.38
Sorghum	*	*	*	*
Finger millet	*	*	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	100237	19597.86	183066.45	
Faba beans	55870	7539.25	115269.4	15.29
Field peas	20279	3047.95	38859.69	12.75
Haricot beans	39670	8862.45	27411.57	3.09
Chick-peas	*	*	*	*
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	2765	*	*	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	-	-	-	-
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	111398	1724.6	143398.33	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	107222	1593.36	135371.82	84.96
Tomatoes	-	-	-	-
Green peppers	15873	111.2	8026.51	72.18
Red peppers	-	-	-	-
Swiss chard	-	-	-	-
Root crops	22578	512.3	47907.28	
Beetroot	*	*	-	-
Carrot	*	*	-	-
Onion	1376	12.39	1453.61	117.32
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	*	*	*	*
Sweet potatoes	14273	401.41	39338.16	98
Fruit crops	37940	1460.54	68807.52	
Avocados	22036	438.25	27368.43	62.45
Bananas	23502	1005.83	40756.34	40.52
Guavas	*	*	*	*
Lemons	*	*	-	-
Mangoes	-	-	-	-
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	9300	353.85	1875.42	5.3
Coffee	79317	15071.51	148002.2	9.82
Hops	2422	*	*	*
Sugar cane	14232	1063.34	413682.41	389.04

Table 7.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Kelem

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	149538	133981.25	2436622.99	
Cereals	148169	111259.4	2207320.04	
Teff	42742	10926.13	103668.12	9.49
Barley	25955	2459.33	26913.24	10.94
Wheat	35686	7201.35	109219.12	15.17
Maize	130997	40950.46	904381.5	22.08
Sorghum	119099	31515.28	780836.3	24.78
Finger millet	92679	18155.56	281679.33	15.51
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	102846	16260.69	176297.02	
Faba beans	40435	4366.91	53815.15	12.32
Field peas	17995	2360.39	26174.27	11.09
Haricot beans	70688	5902.96	63482.96	10.75
Chick-peas	25531	3184.86	30545.5	9.59
Lentils	*	*	49.83	*
Grass peas	*	*	*	*
Soya beans	1686	*	*	*
Fenugreek	12391	353.86	1525.49	4.31
Gibto	-	-	-	-
Oilseeds	36105	6461.16	53005.93	
Neug	14770	3140.1	*	*
Linseed	7656	362.36	3590.62	9.91
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	14945	*	*	*
Rape seed	*	*	*	*
Vegetables	87448	4317.56	63080.56	
Lettuce	*	*	-	-
Head cabbage	9502	91.79	5460.74	59.49
Ethiopian cabbage	16974	173.75	10911.28	62.8
Tomatoes	3134	*	*	*
Green peppers	3848	37.29	1567.48	42.03
Red peppers	75564	3957.67	44563.42	11.26
Swiss chard	*	*	-	-
Root crops	61948	2058.69	171992.74	
Beetroot	4042	16.93	2146.1	126.76
Carrot	1823	*	*	*
Onion	6503	*	*	*
Potatoes	*	*	*	*
Garlic	6910	*	*	*
Taro / 'Godere'	14625	178.36	14746.89	82.68
Sweet potatoes	40143	1143.13	93851.24	82.1
Fruit crops	69453	1128.71	86268.06	
Avocados	1381	*	*	*
Bananas	58485	828.5	57754.77	69.71
Guavas	*	*	*	*
Lemons	1386	*	*	*
Mangoes	22997	214.1	17682.23	82.59
Oranges	3588	18.13	1402.91	77.38
Papayas	13703	47.65	8358.87	175.42
Pineapples	-	-	-	-
Chat	30638	778.59	7653.5	9.83
Coffee	105630	26238.22	161627.43	6.16
Hops	10047	85.49	896.84	10.49
Sugar cane	8187	264.53	80151.28	303

Table 7.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Horoguduru

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	106653	230443.69	3472358.68	
Cereals	106509	166436.13	2989141.37	
Teff	83142	70296.51	895868.97	12.74
Barley	32462	9277.29	126222.59	13.61
Wheat	66752	35496.75	610255.04	17.19
Maize	99912	43104.42	1196979.08	27.77
Sorghum	12174	6632.17	*	*
Finger millet	5982	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	61939	14356.66	180177.66	
Faba beans	52459	8919.58	120140.07	13.47
Field peas	27374	4805.89	54534.61	11.35
Haricot beans	*	*	*	*
Chick-peas	*	*	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	13884	93.5	342.4	3.66
Gibto	*	*	-	-
Oilseeds	78233	49650.9	303039.64	
Neug	62509	44390.3	261715.33	5.9
Linseed	6956	*	*	*
Groundnuts	*	*	*	*
Safflower	*	*	*	*
Sesame	3814	*	2667.74	*
Rape seed	32756	1678.41	15081.3	8.99
Vegetables	51515	505.62	18365.9	
Lettuce	-	-	-	-
Head cabbage	3564	7.83	-	-
Ethiopian cabbage	3620	29.28	2306.76	78.78
Tomatoes	-	-	-	-
Green peppers	28763	173.1	12818.31	74.05
Red peppers	20573	294.62	3240.83	11
Swiss chard	*	*	-	-
Root crops	56001	530	49249.05	
Beetroot	9773	25.14	2028.64	80.69
Carrot	2352	7.23	824.36	114.02
Onion	11348	47.52	4007.47	84.33
Potatoes	4933	*	*	*
Garlic	45249	169.18	21450.16	126.79
Taro / 'Godere'	*	*	*	*
Sweet potatoes	*	*	*	*
Fruit crops	12823	134.81	9452.07	
Avocados	-	-	-	-
Bananas	6786	55.9	1865.91	33.38
Guavas	-	-	-	-
Lemons	*	*	*	*
Mangoes	*	*	*	*
Oranges	*	*	*	*
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	8797	57.44	619.2	10.78
Coffee	8456	*	*	*
Hops	44188	569.28	10326.7	18.14
Sugar cane	4068	150.33	7291.07	48.5

Table 7.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

West Arsi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	340418	303289.78	5288344.32	
Cereals	328957	261043.56	4833181.06	
Teff	37164	11341.39	104855.93	9.25
Barley	151523	78659.07	1172750.85	14.91
Wheat	139912	100160.25	2008097.82	20.05
Maize	182101	64194.28	1464759.87	22.82
Sorghum	30141	3648.17	52969.92	14.52
Finger millet	23566	2052.13	21416.55	10.44
Oats / 'Aja'	*	*	*	*
Rice	*	*	-	-
Pulses	95327	20785.82	208960.53	
Faba beans	23741	3737.59	54677.43	14.63
Field peas	12654	*	*	*
Haricot beans	64297	13025.14	105930.33	8.13
Chick-peas	*	*	-	-
Lentils	*	*	*	*
Grass peas	*	*	*	*
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	55030	21460.4	246202.74	
Neug	-	-	-	-
Linseed	34946	18852.97	220620.84	11.7
Groundnuts	-	-	-	-
Safflower	-	-	-	-
Sesame	12644	*	*	*
Rape seed	13079	*	*	*
Vegetables	137109	2632.1	70936.65	
Lettuce	*	*	-	-
Head cabbage	11489	*	-	-
Ethiopian cabbage	125344	1883.13	52708.93	27.99
Tomatoes	*	*	*	*
Green peppers	23302	*	*	*
Red peppers	-	-	-	-
Swiss chard	*	*	-	-
Root crops	102186	11305.01	849863.29	
Beetroot	13914	*	*	*
Carrot	4859	*	*	*
Onion	*	*	*	*
Potatoes	67745	10073.99	739229.36	73.38
Garlic	19558	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	3449	13.01	329.76	25.35
Fruit crops	19765	*	*	
Avocados	5065	*	-	-
Bananas	*	*	*	*
Guavas	-	-	-	-
Lemons	-	-	-	-
Mangoes	*	*	-	-
Oranges	-	-	-	-
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	3780	*	*	*
Coffee	*	*	*	*
Hops	*	*	*	*
Sugar cane	*	*	*	*

Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Somali Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	114574	78139.74	732324.22	
Cereals	113507	75745.74	711856	
Teff	*	*	*	*
Barley	7374	1748.27	14707.34	8.41
Wheat	12954	*	*	*
Maize	91163	36876.29	325935.39	8.84
Sorghum	67728	33992.75	342659.51	10.08
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	12462	1008.2	4416.52	
Faba beans	-	-	-	-
Field peas	*	*	-	-
Haricot beans	11720	973.09	4319.46	4.44
Chick-peas	*	*	*	*
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	*	*	*	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	*	*	*	*
Rape seed	-	-	-	-
Vegetables	7985	701.79	*	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	5739	*	*	*
Green peppers	*	*	*	*
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	5008	*	*	
Beetroot	*	*	-	-
Carrot	-	-	-	-
Onion	3899	*	*	*
Potatoes	-	-	-	-
Garlic	*	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	925	*	*	*
Fruit crops	3798	253.34	22291.24	
Avocados	*	*	-	-
Bananas	*	*	*	*
Guavas	825	*	-	-
Lemons	1301	*	*	*
Mangoes	1397	*	*	*
Oranges	1410	86.46	11883.61	137.45
Papayas	*	*	*	*
Pineapples	-	-	-	-
Chat	21536	6488.16	58648.48	9.04
Coffee	*	*	*	*
Hops	-	-	-	-
Sugar cane	*	*	*	*

Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Shinele

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	7927	2387.13	29270.67	
Cereals	7927	2377.8	29241.75	
Teff	*	*	*	*
Barley	-	-	-	-
Wheat	-	-	-	-
Maize	2548	433.25	*	*
Sorghum	6829	1941.8	26408.76	13.6
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	2007	183.74	21511.11	
Avocados	*	*	-	-
Bananas	*	*	*	*
Guavas	*	*	-	-
Lemons	1301	*	*	*
Mangoes	880	*	*	*
Oranges	1219	64.09	11883.61	185.42
Papayas	-	-	-	-
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	*	*	*	*
Hops	-	-	-	-
Sugar cane	*	*	*	*

Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Jijiga

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	86896	70019.01	604490.95	
Cereals	86347	68072.27	585102.68	
Teff	*	*	-	-
Barley	7244	1607.19	14707.34	9.15
Wheat	12817	*	*	*
Maize	70151	31493.66	229518.75	7.29
Sorghum	60259	31845.74	312331.34	9.81
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	5584	*	3365.49	
Faba beans	-	-	-	-
Field peas	*	*	-	-
Haricot beans	4842	*	3268.44	*
Chick-peas	*	*	*	*
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	*	*	*	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	*	*	-	-
Rape seed	-	-	-	-
Vegetables	7755	700.67	-	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	5555	*	-	-
Green peppers	*	*	-	-
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	3305	*	*	
Beetroot	*	*	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	-	-	-	-
Garlic	*	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	-	-
Fruit crops	*	*	-	
Avocados	-	-	-	-
Bananas	-	-	-	-
Guavas	*	*	-	-
Lemons	-	-	-	-
Mangoes	-	-	-	-
Oranges	*	*	-	-
Papayas	*	*	-	-
Pineapples	-	-	-	-
Chat	20127	6353.28	57243.03	9.01
Coffee	*	*	-	-
Hops	-	-	-	-
Sugar cane	-	-	-	-

Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Liben

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	19751	5733.60	98562.59	
Cereals	19233	5295.67	97511.56	
Teff	-	-	-	-
Barley	*	*	-	-
Wheat	*	-	-	-
Maize	18464	4949.38	93592.15	18.91
Sorghum	*	*	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	6878	437.93	1051.02	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	6878	437.93	1051.02	2.4
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	-	-	-	-

Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Benishangul-Gumuz Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	159439	191989.85	2628891.10	
Cereals	157062	142470.32	2244617.83	
Teff	39696	18870.52	205102.25	10.87
Barley	6047	1275.85	16474.09	12.91
Wheat	6917	3425.70	49714.10	14.51
Maize	131253	31045.76	624379.50	20.11
Sorghum	108509	59829.26	953679.37	15.94
Finger millet	51392	27518.99	387430.30	14.08
Oats / 'Aja'	*	*	*	*
Rice	1698	421.13	6806.48	16.16
Pulses	64235	10430.06	112922.92	
Faba beans	7500	950.82	11152.81	11.73
Field peas	3259	649.59	*	*
Haricot beans	41132	6155.73	66458.79	10.8
Chick-peas	5898	446.22	4261.21	9.55
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	12707	1991.63	18079.43	9.08
Fenugreek	947	12.81	*	*
Gibto	*	*	*	*
Oilseeds	106101	39089.47	271350.35	
Neug	36983	12100.39	60314.17	4.98
Linseed	11481	586.03	6115.60	10.44
Groundnuts	29439	5460.02	71018.74	13.01
Safflower	1209	34.10	186.61	5.47
Sesame	65857	20800.49	131429.37	6.32
Rape seed	4229	108.44	*	*
Vegetables	57795	1229.88	30665.07	
Lettuce	-	-	-	-
Head cabbage	3572	17.93	1967.86	109.75
Ethiopian cabbage	4413	26.95	2110.34	78.31
Tomatoes	1882	*	*	*
Green peppers	8094	81.21	5894.02	72.58
Red peppers	48465	1084.91	20577.34	18.97
Swiss chard	*	*	-	-
Root crops	38494	623.72	56393.40	
Beetroot	1687	*	*	*
Carrot	1083	*	250.79	*
Onion	5677	41.33	4473.92	108.25
Potatoes	5076	126.09	13282.89	105.34
Garlic	7494	70.71	8146.52	115.21
Taro / 'Godere'	2150	10.87	*	*
Sweet potatoes	27196	353.41	29154.07	82.49
Fruit crops	60317	1012.13	78772.83	
Avocados	1106	*	*	*
Bananas	21772	374.84	21859.34	58.32
Guavas	3411	*	*	*
Lemons	4904	18.97	957.36	50.47
Mangoes	44255	513.66	45078.71	87.76
Oranges	7254	31.73	1248.95	39.36
Papayas	14913	49.79	9323.57	187.26
Pineapples	*	*	-	-
Chat	13829	274.95	*	*
Coffee	22214	799.95	3075.23	3.84
Hops	13716	*	*	*
Sugar cane	3928	79.93	8167.72	102.19

Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Metekel

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	52556	93944.07	1300847.40	
Cereals	51517	72214.98	1104541.88	
Teff	17885	13868.57	164678.95	11.87
Barley	4477	1165.17	15509.19	13.31
Wheat	6070	3352.27	48996.20	14.62
Maize	38941	11990.18	255523.39	21.31
Sorghum	22793	19762.92	302188.39	15.29
Finger millet	27169	22002.98	316695.23	14.39
Oats / 'Aja'	*	*	*	*
Rice	*	*	-	-
Pulses	24643	5551.92	64729.18	
Faba beans	6793	891.72	10578.35	11.86
Field peas	2883	*	*	*
Haricot beans	16264	3608.51	40121.58	11.12
Chick-peas	*	*	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	*	*	*	*
Gibto	*	*	*	*
Oilseeds	30908	16177.16	131576.33	
Neug	8794	4610.38	26298.23	5.7
Linseed	1492	*	*	*
Groundnuts	9969	3330.65	47162.51	14.16
Safflower	*	*	*	*
Sesame	16414	7905.6	53425.59	6.76
Rape seed	2597	96.54	*	*
Vegetables	22241	414.43	11715.38	
Lettuce	-	-	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	*	*	*	*
Tomatoes	*	*	*	*
Green peppers	1806	*	*	*
Red peppers	20037	396.77	10026.25	25.27
Swiss chard	*	*	-	-
Root crops	12405	265.05	28746.57	
Beetroot	*	*	*	*
Carrot	*	*	*	*
Onion	2863	19.08	2367.40	124.08
Potatoes	4103	116.39	12404.93	106.58
Garlic	6486	62.75	7282.16	116.05
Taro / 'Godere'	*	*	-	-
Sweet potatoes	4190	*	*	*
Fruit crops	12181	145.57	12592.08	
Avocados	-	-	-	-
Bananas	3666	*	*	*
Guavas	*	*	*	*
Lemons	1478	*	*	*
Mangoes	7820	36.61	3874.20	105.82
Oranges	*	*	*	*
Papayas	2772	12.08	2680.94	221.93
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	*	*	*	*
Hops	7778	*	*	*
Sugar cane	*	*	*	*

Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Asosa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	68309	53856.10	662420.41	
Cereals	67770	39537.92	577988.44	
Teff	18058	3682.95	26030.61	7.07
Barley	*	*	-	-
Wheat	-	-	-	-
Maize	60114	8852.58	162964.30	18.41
Sorghum	56150	24383.68	360091.68	14.77
Finger millet	15348	2576.25	28307.85	10.99
Oats / 'Aja'	-	-	-	-
Rice	*	*	*	*
Pulses	23525	2436.20	22177.32	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	11142	756.47	9709.50	12.84
Chick-peas	5110	391.76	3685.23	9.41
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	9557	1284.96	8781.68	6.83
Fenugreek	*	*	*	*
Gibto	-	-	-	-
Oilseeds	46770	11881.98	62254.65	
Neug	23015	6823.29	29920.19	4.39
Linseed	7145	258.88	2891.28	11.17
Groundnuts	11099	523.98	3117.03	5.95
Safflower	*	*	*	*
Sesame	25641	4265.25	26309.32	6.17
Rape seed	*	*	*	*
Vegetables	25193	586.06	14360.05	
Lettuce	-	-	-	-
Head cabbage	2152	9.39	1112.89	118.52
Ethiopian cabbage	3232	*	*	*
Tomatoes	686	*	-	-
Green peppers	3530	57.80	4477.56	77.47
Red peppers	21407	498.59	7079.98	14.2
Swiss chard	-	-	-	-
Root crops	13562	140.62	14401.50	
Beetroot	*	*	*	*
Carrot	674	1.18	141.22	119.68
Onion	2229	*	*	*
Potatoes	*	*	-	-
Garlic	808	*	*	*
Taro / 'Godere'	-	-	-	-
Sweet potatoes	11800	116.07	11367.66	97.94
Fruit crops	36831	658.91	60240.15	
Avocados	1077	*	*	*
Bananas	13492	192.52	15087.90	78.37
Guavas	2702	6.38	-	-
Lemons	2773	8.45	298.16	35.29
Mangoes	29985	413.39	39594.12	95.78
Oranges	4040	13.50	1061.18	78.61
Papayas	8720	22.89	4173.99	182.35
Pineapples	-	-	-	-
Chat	9690	*	-	-
Coffee	15211	191.95	1439.63	7.5
Hops	5924	24.29	662.32	27.27
Sugar cane	3364	*	*	*

Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Kemashi

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	22878	28761.94	460103.31	
Cereals	22263	20505.20	402185.29	
Teff	1684	*	*	*
Barley	*	*	-	-
Wheat	-	-	-	-
Maize	17415	6724.61	140295.59	20.86
Sorghum	19145	12269.10	240789.85	19.63
Finger millet	1765	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	10708	1609.22	17956.19	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	10370	1399.32	13907.29	9.94
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	17064	6647.52	39961.82	
Neug	2326	189.52	1013.37	5.35
Linseed	*	*	*	*
Groundnuts	3089	86.57	*	*
Safflower	-	-	-	-
Sesame	16151	6369.03	38034.29	5.97
Rape seed	-	-	-	-
Vegetables	4935	144.59	2717.72	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	479	*	-	-
Green peppers	*	*	*	*
Red peppers	3793	126.41	2251.41	17.81
Swiss chard	*	*	-	-
Root crops	7188	117.58	10905.69	
Beetroot	*	*	-	-
Carrot	*	*	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	*	*	*	*
Sweet potatoes	6465	91.04	9191.44	100.96
Fruit crops	3677	56.76	1723.00	
Avocados	-	-	-	-
Bananas	1668	*	*	*
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	2057	20.48	289.24	14.12
Oranges	248	0.47	3.49	7.43
Papayas	622	2.19	389.81	178
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	*	*	*	*
Hops	-	-	-	-
Sugar cane	-	-	-	-

Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Pawe special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	5904	7385.15	100899.77	
Cereals	5786	3832.74	65426.47	
Teff	*	*	-	-
Barley	*	*	*	*
Wheat	*	*	-	-
Maize	5507	877.94	21963.34	25.02
Sorghum	2092	838.63	12719.85	15.17
Finger millet	3064	1737.07	24691.53	14.21
Oats / 'Aja'	-	-	-	-
Rice	586	364.32	6048.66	16.6
Pulses	1141	327.71	4368.84	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	*	*	*	*
Chick-peas	*	*	*	*
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	1067	325.06	4335.32	13.34
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	4924	3224.7	31104.46	
Neug	565	93.58	716.66	7.66
Linseed	*	*	*	*
Groundnuts	4215	1463.63	19679.5	13.45
Safflower	425	21.42	144.25	6.73
Sesame	3933	1644.38	10563.46	6.42
Rape seed	106	*	-	-
Vegetables	2656	54.71	1871.92	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	210	1.25	60.45	48.36
Tomatoes	117	*	*	*
Green peppers	572	4.75	529.55	111.48
Red peppers	2124	48.27	1219.7	25.27
Swiss chard	*	*	-	-
Root crops	1108	23.49	2339.64	
Beetroot	*	*	*	*
Carrot	*	*	*	*
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	148	*	-	-
Sweet potatoes	989	20.69	2221.44	107.37
Fruit crops	3286	44.24	4217.6	
Avocados	*	*	-	-
Bananas	533	6.76	412.1	60.96
Guavas	457	*	*	*
Lemons	278	1.17	81.39	69.56
Mangoes	2275	12.48	1321.16	105.86
Oranges	94	*	*	*
Papayas	2150	9.37	2078.83	221.86
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	132	*	*	*
Hops	*	*	*	*
Sugar cane	121	*	*	*

Table 9.5 - Area, Production and Yield of Crops for Private Peasant Holdings

for Meher Season 2007/2008 (2000 E.C)

Mao Komo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	9792	8042.59	104620.21	
Cereals	9725	6379.48	94475.74	
Teff	2038	373.13	2785.42	7.47
Barley	1360	106.57	961.82	9.03
Wheat	832	72.7	717.9	9.87
Maize	9274	2600.45	43632.88	16.78
Sorghum	8329	2574.92	37889.61	14.71
Finger millet	4046	633.7	8293.25	13.09
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	4219	505	3691.38	
Faba beans	707	59.1	574.45	9.72
Field peas	375	*	194.46	*
Haricot beans	3313	390.42	2716.59	6.96
Chick-peas	430	24.54	189	7.7
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	264	8.6	6.53	0.76
Gibto	*	*	-	-
Oilseeds	6435	1158.11	6453.08	
Neug	2284	383.62	2365.71	6.17
Linseed	2680	99.84	812.02	8.13
Groundnuts	1067	55.19	175.51	3.18
Safflower	*	*	-	-
Sesame	3719	616.24	3096.71	5.03
Rape seed	*	*	*	*
Vegetables	2770	30.09	-	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	528	3.52	-	-
Tomatoes	112	*	-	-
Green peppers	1344	9.96	-	-
Red peppers	1103	14.87	-	-
Swiss chard	-	-	-	-
Root crops	4230	76.97	-	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	449	6.7	-	-
Potatoes	88	*	-	-
Garlic	*	*	-	-
Taro / 'Godere'	511	2.75	-	-
Sweet potatoes	3751	66.25	-	-
Fruit crops	4342	106.66	-	
Avocados	-	-	-	-
Bananas	2415	55.28	-	-
Guavas	*	*	-	-
Lemons	255	*	-	-
Mangoes	2118	30.7	-	-
Oranges	1779	16.39	-	-
Papayas	649	3.27	-	-
Pineapples	*	*	-	-
Chat	2147	108.56	-	-
Coffee	2829	282.25	-	-
Hops	-	-	-	-
Sugar cane	*	*	-	-

Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

S.N.N.P. Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	2474303	945957.80	12821292.19	
Cereals	2281731	785386.58	11172373.67	
Teff	924033	234789.37	2322467.96	9.89
Barley	605740	70409.55	908818.19	12.91
Wheat	607648	118815.25	1974579.19	16.62
Maize	1185582	248881.66	4398118.52	17.67
Sorghum	577983	102474.24	1391639.75	13.58
Finger millet	70695	5966.91	66909.53	11.21
Oats / 'Aja'	18851	574.87	3934.23	6.84
Rice	*	*	*	*
Pulses	1364816	157092.94	1627170.81	
Faba beans	631794	56058.46	659292.44	11.76
Field peas	344297	40952.92	421013	10.28
Haricot beans	679652	51100.67	462533.93	9.05
Chick-peas	48483	6472.87	70386.78	10.87
Lentils	25842	790.02	3686.98	4.67
Grass peas	9704	1062.51	9208.62	8.67
Soya beans	5954	*	*	*
Fenugreek	24680	*	594.76	*
Gibto	2796	*	-	-
Oilseeds	114421	3478.28	21747.71	
Neug	5205	*	*	*
Linseed	62098	1495.41	11948.06	7.99
Groundnuts	15611	516.50	2222.09	4.3
Safflower	11832	261.28	1084.15	4.15
Sesame	4641	319.51	*	*
Rape seed	20263	437.30	1755.94	4.02
Vegetables	1681389	40966.30	2278174.32	
Lettuce	2966	7.19	-	-
Head cabbage	78604	419.87	21887.37	52.13
Ethiopian cabbage	1527467	17099.19	1606315.66	93.94
Tomatoes	25804	172.29	18745.94	108.8
Green peppers	193849	1348.35	119046.73	88.29
Red peppers	199882	21879.42	510381.34	23.33
Swiss chard	19826	40.00	1797.28	44.93
Root crops	1593837	70712.89	6252698.01	
Beetroot	78076	247.58	18994.36	76.72
Carrot	43798	*	*	*
Onion	141990	1235.15	152982.44	123.86
Potatoes	308996	9621.01	741941.27	77.12
Garlic	62412	318.60	13530.69	42.47
Taro / 'Godere'	890787	28034.78	2273977.2	81.11
Sweet potatoes	681987	30691.69	3029806.11	98.72
Fruit crops	1473595	32199.35	2507197.43	
Avocados	634163	4653.12	319757.33	68.72
Bananas	1041750	23065.25	1676183.59	72.67
Guavas	56005	214.44	3767.98	17.57
Lemons	41323	189.91	10821.69	56.98
Mangoes	241692	1922.73	166622.32	86.66
Oranges	155701	873.24	120713.03	138.24
Papayas	285044	1212.80	209115.34	172.42
Pineapples	5197	*	*	*
Chat	627523	30524.19	325127.22	10.65
Coffee	1717252	116126.10	725424.89	6.25
Hops	217139	2272.54	35816.76	15.76
Sugar cane	575526	10145.87	3864269.1	380.87

Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Gurage

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	237371	96154.73	1574282.20	
Cereals	234543	85509.02	1448742.42	
Teff	61634	22097.60	235880.61	10.67
Barley	123251	14467.86	225315.32	15.57
Wheat	114144	16736.46	294188.93	17.58
Maize	91255	27843.16	632203.51	22.71
Sorghum	28760	4249.56	59640.46	14.03
Finger millet	-	-	-	-
Oats / 'Aja'	*	79.58	1513.59	19.02
Rice	*	*	-	-
Pulses	118463	10070.11	121831.97	
Faba beans	91797	3585.90	46916.49	13.08
Field peas	26814	1643.56	16500.22	10.04
Haricot beans	20989	*	*	*
Chick-peas	*	*	*	*
Lentils	*	*	*	*
Grass peas	*	*	*	*
Soya beans	*	*	*	*
Fenugreek	*	*	-	-
Gibto	*	*	-	-
Oilseeds	14821	575.59	3707.80	
Neug	*	*	*	*
Linseed	3725	*	*	*
Groundnuts	*	*	-	-
Safflower	*	*	-	-
Sesame	*	*	-	-
Rape seed	6701	84.01	*	*
Vegetables	198076	8918.12	410340.34	
Lettuce	*	*	-	-
Head cabbage	15976	48.03	4435.41	92.35
Ethiopian cabbage	174638	1618.78	138421.74	85.51
Tomatoes	*	*	*	*
Green peppers	9392	15.94	750.85	47.1
Red peppers	38890	7220.60	265212.51	36.73
Swiss chard	11730	13.36	1487.02	111.3
Root crops	139632	2611.43	204092.96	
Beetroot	11471	10.60	1069.56	100.9
Carrot	9882	7.46	880.88	118.08
Onion	6989	10.68	104.50	9.78
Potatoes	71900	1435.31	140258.16	97.72
Garlic	15535	*	-	-
Taro / 'Godere'	54074	898.75	61779.86	68.74
Sweet potatoes	8273	*	-	-
Fruit crops	105288	1248.12	92630.15	
Avocados	50728	232.89	10487.04	45.03
Bananas	45870	386.16	15048.78	38.97
Guavas	8910	42.05	778.28	18.51
Lemons	8990	33.35	749.36	22.47
Mangoes	13135	42.87	1633.53	38.1
Oranges	47966	360.35	38676.64	107.33
Papayas	37277	131.88	25256.51	191.51
Pineapples	*	*	-	-
Chat	98583	4414.94	45473.91	10.3
Coffee	108683	4008.83	12627.83	3.15
Hops	48369	*	*	*
Sugar cane	25650	139.59	76785.37	550.08

Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Hadiya

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	212552	113496.06	1565604.47	
Cereals	207681	103847.95	1416924.94	
Teff	132203	43847.85	424651.19	9.68
Barley	57642	5702.92	76405.36	13.4
Wheat	118682	28865.58	550257.63	19.06
Maize	99550	17622.35	276559.34	15.69
Sorghum	76198	7047.76	82354.55	11.69
Finger millet	13301	*	*	*
Oats / 'Aja'	1599	*	*	*
Rice	*	*	*	*
Pulses	99173	9349.23	145887.78	
Faba beans	49200	6292.45	115068.01	18.29
Field peas	9850	*	*	*
Haricot beans	51234	1655.45	16005.9	9.67
Chick-peas	2199	*	-	-
Lentils	4346	103.49	636.87	6.15
Grass peas	*	*	-	-
Soya beans	-	-	-	-
Fenugreek	2335	41.97	*	*
Gibto	-	-	-	-
Oilseeds	11376	*	*	
Neug	*	*	-	-
Linseed	10133	*	*	*
Groundnuts	*	*	-	-
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	174788	3920.1	230405.04	
Lettuce	*	*	-	-
Head cabbage	10345	29.06	2375.31	81.74
Ethiopian cabbage	166670	1906.93	194849.96	102.18
Tomatoes	6936	22.35	3126.32	139.88
Green peppers	20584	*	*	*
Red peppers	18511	*	*	*
Swiss chard	1276	*	*	*
Root crops	116793	3117.96	274703.18	
Beetroot	26575	48.68	5771.47	118.56
Carrot	2854	*	*	*
Onion	15352	23.68	2864.57	120.97
Potatoes	51677	1495.53	110220.21	73.7
Garlic	1903	*	*	*
Taro / 'Godere'	32858	454.33	35078.74	77.21
Sweet potatoes	31515	*	*	*
Fruit crops	125509	2020.59	137097.5	
Avocados	72783	451.96	31591.89	69.9
Bananas	93100	1337.41	93859.72	70.18
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	12462	73.86	3903.38	52.85
Oranges	9162	*	*	*
Papayas	15641	56.36	4336.54	76.94
Pineapples	*	*	-	-
Chat	55879	1805.37	16789.96	9.3
Coffee	99843	4359.54	24413.42	5.6
Hops	34024	183.64	1972.27	10.74
Sugar cane	49196	1069.11	474407.51	443.74

Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Kembata - Tembaro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	100085	31693.71	365648.59	
Cereals	90112	26078.58	314102.24	
Teff	55024	10878.83	94144.52	8.65
Barley	18807	1279.65	13722.45	10.72
Wheat	45295	8490.59	140423	16.54
Maize	13640	*	*	*
Sorghum	26935	2211.89	24457.71	11.06
Finger millet	5206	148.63	2384.12	16.04
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	60221	5266.62	49947.05	
Faba beans	45132	3589.48	37680.78	10.5
Field peas	14516	612.54	5237.22	8.55
Haricot beans	25570	*	*	*
Chick-peas	-	-	-	-
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	*	*	-	-
Gibto	*	*	-	-
Oilseeds	5565	*	*	
Neug	-	-	-	-
Linseed	4563	*	*	*
Groundnuts	*	*	-	-
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	83707	1370.66	97094.95	
Lettuce	-	-	-	-
Head cabbage	6642	33.71	2947.53	87.44
Ethiopian cabbage	80708	828.64	73923.34	89.21
Tomatoes	4701	*	*	*
Green peppers	2901	20.29	1858.64	91.6
Red peppers	6222	*	*	*
Swiss chard	*	*	*	*
Root crops	91616	6601.36	597607.19	
Beetroot	6690	38.63	3978.08	102.98
Carrot	7145	*	-	-
Onion	5281	*	*	*
Potatoes	37420	1674.1	140992.97	84.22
Garlic	*	*	*	*
Taro / 'Godere'	49437	2552.77	230719.23	90.38
Sweet potatoes	47608	2135.09	213316.73	99.91
Fruit crops	88880	2030.1	148448.17	
Avocados	66428	462.65	28138.29	60.82
Bananas	71219	1404	106184.61	75.63
Guavas	2444	*	*	*
Lemons	2685	*	*	*
Mangoes	22192	82.63	7604.92	92.04
Oranges	8233	46.47	2035.39	43.8
Papayas	9137	23.65	4199.43	177.57
Pineapples	-	-	-	-
Chat	15697	649.05	6769.59	10.43
Coffee	79037	3458	18327.41	5.3
Hops	20255	78.26	1113.67	14.23
Sugar cane	35229	640.1	203986.62	318.68

Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Sidama

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	418348	73679.99	1345076.43	
Cereals	376572	60098.88	1197075.85	
Teff	25160	*	*	*
Barley	44752	4148.98	47690.32	11.49
Wheat	41259	5238.19	73356.04	14
Maize	310922	46996.19	1036097.31	22.05
Sorghum	18864	*	*	*
Finger millet	*	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	190970	13301.15	145572.09	
Faba beans	66472	3505.38	44916.8	12.81
Field peas	16863	*	4814.99	*
Haricot beans	115797	8872.39	95840.3	10.8
Chick-peas	-	-	-	-
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	8543	*	*	
Neug	-	-	-	-
Linseed	5418	*	*	*
Groundnuts	*	*	-	-
Safflower	*	*	-	-
Sesame	*	*	*	*
Rape seed	*	*	-	-
Vegetables	372296	8069.98	424862.58	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	333887	4069.68	380922.06	93.6
Tomatoes	-	-	-	-
Green peppers	44840	*	*	*
Red peppers	42853	*	-	-
Swiss chard	-	-	-	-
Root crops	170430	4416.98	338121.33	
Beetroot	5548	10.17	1320.49	129.84
Carrot	*	*	*	*
Onion	38606	*	*	*
Potatoes	13959	*	-	-
Garlic	*	*	*	*
Taro / 'Godere'	32581	354.52	29453.32	83.08
Sweet potatoes	90632	2352.93	232351.76	98.75
Fruit crops	286137	6028.31	471694.02	
Avocados	144018	1215.55	87629.32	72.09
Bananas	233768	4715.23	375567.74	79.65
Guavas	16727	63.25	1225.88	19.38
Lemons	*	*	*	*
Mangoes	*	*	*	*
Oranges	6290	14.73	1694.46	115.03
Papayas	6323	*	*	*
Pineapples	-	-	-	-
Chat	267820	18141.69	195386.01	10.77
Coffee	466053	39493.39	234195.77	5.93
Hops	29643	325.76	4596.54	14.11
Sugar cane	149946	4051.64	1713722.33	422.97

Table 10.5 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Gedio

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	83752	11142.31	138717.15	
Cereals	70449	8243.52	109156.99	
Teff	*	*	*	*
Barley	24143	3610.15	44784.5	12.41
Wheat	*	*	*	*
Maize	48758	3346.32	58399	17.45
Sorghum	*	*	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	40617	2881.09	29479.8	
Faba beans	22329	1600.29	19902.35	12.44
Field peas	6248	788.56	*	*
Haricot beans	19618	*	*	*
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	2023	*	*	
Neug	*	*	-	-
Linseed	*	*	*	*
Groundnuts	*	*	-	-
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	119423	1734.68	155031.61	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	115374	1679.25	150360.49	89.54
Tomatoes	*	*	*	*
Green peppers	13538	51.73	4627.98	89.46
Red peppers	*	*	-	-
Swiss chard	*	*	-	-
Root crops	43150	737.28	75332.95	
Beetroot	1041	0.8	-	-
Carrot	*	*	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	*	*	-	-
Taro / 'Godere'	30869	322.95	34623.08	107.21
Sweet potatoes	12968	*	*	*
Fruit crops	68280	1410.03	81153	
Avocados	53063	526.11	39778.83	75.61
Bananas	34477	879.33	40888.84	46.5
Guavas	*	*	*	*
Lemons	*	*	-	-
Mangoes	*	*	*	*
Oranges	1133	*	*	*
Papayas	-	-	-	-
Pineapples	-	-	-	-
Chat	4341	55.75	701.89	12.59
Coffee	153909	23755.46	157736.27	6.64
Hops	7995	*	*	*
Sugar cane	24118	700.6	251962.95	359.64

Table 10.6 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Wolayita

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	234859	60195.92	572559.6	
Cereals	187354	43370.99	443525.53	
Teff	126649	22557.96	175408.98	7.78
Barley	14767	*	*	*
Wheat	30514	3017.47	38507.28	12.76
Maize	66437	*	*	*
Sorghum	24448	1458.13	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	178151	16808.37	129025.98	
Faba beans	38735	1336.5	11657.9	8.72
Field peas	47688	1941.33	14900.89	7.68
Haricot beans	134325	13115.59	99309.43	7.57
Chick-peas	5300	283.52	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	*	*	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	-	-	-	-
Vegetables	99073	*	89782.54	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	83541	872.44	63766.38	73.09
Tomatoes	*	*	-	-
Green peppers	16270	96.66	8842.57	91.48
Red peppers	14075	*	*	*
Swiss chard	*	*	-	-
Root crops	259108	21029.13	2021365.02	
Beetroot	*	*	-	-
Carrot	*	*	*	*
Onion	9365	*	*	*
Potatoes	37757	1295.91	113326.94	87.45
Garlic	*	*	-	-
Taro / 'Godere'	166577	5155.41	432229.95	83.84
Sweet potatoes	234246	13910.32	1431511.22	102.91
Fruit crops	214006	3576.4	315314.75	
Avocados	148457	1271.94	97112.42	76.35
Bananas	138454	1531.74	126414.78	82.53
Guavas	6232	18.82	459.09	24.39
Lemons	8595	35.9	2141.51	59.65
Mangoes	66705	519.32	50545.55	97.33
Oranges	28240	108.62	15834.84	145.78
Papayas	37006	90.06	22806.58	253.24
Pineapples	-	-	-	-
Chat	2567	*	*	*
Coffee	211833	6161.71	44241.11	7.18
Hops	5317	20.85	401.33	19.25
Sugar cane	74968	830.03	418732.47	504.48

Table 10.7 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

South Omo

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	98800	42201.33	467232.02	
Cereals	97057	36825.44	405841.75	
Teff	19745	6521.52	88773.95	13.61
Barley	17522	2396.18	30505.65	12.73
Wheat	10234	1807.52	23892.78	13.22
Maize	65850	15404.71	175719.9	11.41
Sorghum	37434	10476.17	85627.07	8.17
Finger millet	3941	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	48082	5030.36	60045.22	
Faba beans	14780	1335.28	20290.99	15.2
Field peas	8832	*	*	*
Haricot beans	31679	2418.06	24568.66	10.16
Chick-peas	*	*	*	*
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	9101	345.53	1345.05	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	2135	*	*	*
Safflower	5244	153.21	588.86	3.84
Sesame	*	*	*	*
Rape seed	*	*	-	-
Vegetables	34743	390.81	30909.43	
Lettuce	-	-	-	-
Head cabbage	3318	*	-	-
Ethiopian cabbage	28899	320.94	29976.13	93.4
Tomatoes	*	*	-	-
Green peppers	*	12.11	920.49	76.01
Red peppers	*	*	*	*
Swiss chard	-	-	-	-
Root crops	61932	2050.58	180752.5	
Beetroot	1736	*	-	-
Carrot	*	*	-	-
Onion	4385	58.84	7358.52	125.06
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	36186	1151.77	84033.37	72.96
Sweet potatoes	26151	663.72	74410.16	112.11
Fruit crops	42571	949.04	74490.31	
Avocados	699	*	-	-
Bananas	38070	826.23	56538.83	68.43
Guavas	*	*	-	-
Lemons	*	*	*	*
Mangoes	8766	54.94	4098.16	74.59
Oranges	1397	2.42	508.01	209.92
Papayas	12163	58.61	13217.86	225.52
Pineapples	*	*	*	*
Chat	*	*	*	*
Coffee	43123	3703.08	17996.95	4.86
Hops	1781	*	*	*
Sugar cane	6273	92.15	20251.5	219.77

Table 10.8 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Sheka

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	36411	12599.9	195058.85	
Cereals	31811	10351.71	176352.19	
Teff	6049	780.37	6099.07	7.82
Barley	1921	201.28	2325.92	11.56
Wheat	*	*	*	*
Maize	11110	1459.64	19709.15	13.5
Sorghum	23554	7354.58	137484.76	18.69
Finger millet	*	*	-	-
Oats / 'Aja'	*	*	-	-
Rice	1436	*	*	*
Pulses	15542	2241.07	18689.3	
Faba beans	4639	670.56	*	*
Field peas	6201	1457.84	10934.21	7.5
Haricot beans	8528	112.48	1041.68	9.26
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	922	*	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	*	*	*	*
Rape seed	*	*	-	-
Vegetables	28285	430.12	31936.76	
Lettuce	*	*	-	-
Head cabbage	916	*	*	*
Ethiopian cabbage	21187	*	*	*
Tomatoes	821	*	*	*
Green peppers	10176	58.47	4668.52	79.84
Red peppers	3962	60.57	2167.08	35.78
Swiss chard	-	-	-	-
Root crops	30819	1013.7	86189.17	
Beetroot	*	*	-	-
Carrot	*	*	-	-
Onion	2920	*	*	*
Potatoes	*	*	*	*
Garlic	2553	3.73	421.21	112.92
Taro / 'Godere'	27427	942.07	78050.73	82.85
Sweet potatoes	1518	*	*	*
Fruit crops	26296	451.1	47269.37	
Avocados	9370	36.78	1906.06	51.82
Bananas	9372	168.16	14455.31	85.96
Guavas	965	*	-	-
Lemons	*	*	*	*
Mangoes	16039	136.35	9499.5	69.67
Oranges	9207	75.89	14889.33	196.2
Papayas	12989	30.24	6481.24	214.33
Pineapples	490	*	-	-
Chat	5021	133.87	1409.62	10.53
Coffee	34453	9399.9	72097.27	7.67
Hops	3817	14.98	157.43	10.51
Sugar cane	12429	257.64	75498.29	293.04

Table 10.9 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Keffa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	188725	117723.28	1416472.34	
Cereals	173746	77680.05	1015286	
Teff	133960	28883.98	280139.53	9.7
Barley	71956	10502.28	102681.78	9.78
Wheat	31307	*	*	*
Maize	33915	9711.58	169975.06	17.5
Sorghum	64784	17313.07	312405.22	18.04
Finger millet	12862	1819.31	20185.58	11.1
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	148862	39570.33	398455.01	
Faba beans	93091	17837.12	184923.32	10.37
Field peas	72655	15585.97	152535.93	9.79
Haricot beans	66481	6118.74	60954.35	9.96
Chick-peas	*	*	*	*
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	17316	472.9	2731.33	
Neug	*	*	*	*
Linseed	11124	209.5	2148.16	10.25
Groundnuts	1190	*	*	*
Safflower	*	*	-	-
Sesame	*	*	*	*
Rape seed	5008	*	*	*
Vegetables	141869	1855.07	119630.27	
Lettuce	*	*	-	-
Head cabbage	5740	17	-	-
Ethiopian cabbage	132150	996	102359.4	102.77
Tomatoes	2031	*	-	-
Green peppers	30975	87.79	6814.26	77.62
Red peppers	13346	*	*	*
Swiss chard	1923	1.67	-	-
Root crops	140228	3914.15	303659.93	
Beetroot	7411	*	*	*
Carrot	2774	*	-	-
Onion	12067	*	*	*
Potatoes	*	*	*	*
Garlic	18680	*	*	*
Taro / 'Godere'	120191	3345.81	237954.06	71.12
Sweet potatoes	16658	*	*	*
Fruit crops	84377	1745.75	81396.54	
Avocados	16425	106.94	5333.95	49.88
Bananas	74603	1502.25	66399.63	44.2
Guavas	2221	5.64	143.01	25.36
Lemons	-	-	-	-
Mangoes	5918	42.92	2264.71	52.77
Oranges	4262	*	*	*
Papayas	13503	58.05	5912.04	101.84
Pineapples	*	*	-	-
Chat	20513	*	*	*
Coffee	101686	4318.15	34329.32	7.95
Hops	17266	112.38	1494.72	13.3
Sugar cane	70318	679.24	182804.84	269.13

Table 10.10 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Gamo Gofa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	298657	104612.53	1267521.92	
Cereals	288056	91629.15	1134711.64	
Teff	125330	29593.13	343453.97	11.61
Barley	97525	13793.43	157330.16	11.41
Wheat	75941	16010.15	225396.84	14.08
Maize	128279	27153.84	361932.89	13.33
Sorghum	38335	4823.16	46418.23	9.62
Finger millet	*	*	*	*
Oats / 'Aja'	2835	*	-	-
Rice	-	-	-	-
Pulses	155604	12678.53	130902.02	
Faba beans	60634	3232.89	38561.51	11.93
Field peas	48572	3673.15	49845.94	13.57
Haricot beans	84620	5672.32	42188.14	7.44
Chick-peas	1702	*	*	*
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	7719	*	-	-
Gibto	-	-	-	-
Oilseeds	10081	304.86	1908.26	
Neug	-	-	-	-
Linseed	6268	90.51	759.46	8.39
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	-	-	-	-
Rape seed	-	-	-	-
Vegetables	77002	596.89	36530.4	
Lettuce	-	-	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	70698	512.19	31458.86	61.42
Tomatoes	*	*	*	*
Green peppers	*	14.5	1496.91	103.24
Red peppers	*	*	*	*
Swiss chard	-	-	-	-
Root crops	243992	13005.29	1160736.8	
Beetroot	4110	7.91	258.95	32.74
Carrot	*	*	*	*
Onion	29181	95.28	11444.33	120.11
Potatoes	53550	1668.71	165586.47	99.23
Garlic	*	*	*	*
Taro / 'Godere'	119389	3235.29	257820.45	79.69
Sweet potatoes	154244	7993.39	725000.19	90.7
Fruit crops	155762	*	747427.88	
Avocados	6698	13.82	356.61	25.8
Bananas	108665	*	*	*
Guavas	2090	*	*	*
Lemons	10664	*	*	*
Mangoes	51552	*	*	*
Oranges	16979	73.55	18664.11	253.76
Papayas	41497	234.06	46419.23	198.32
Pineapples	-	-	-	-
Chat	*	*	*	*
Coffee	148608	4493.82	19637.98	4.37
Hops	13813	57.47	544.83	9.48
Sugar cane	33556	472.67	104038.95	220.11

Table 10.11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Benchi - Maji

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	101730	38612.85	654257.56	
Cereals	94549	32922.75	575554.21	
Teff	34461	7460.78	90046.72	12.07
Barley	10055	1317.21	18787.64	14.26
Wheat	*	*	*	*
Maize	54988	12237.94	202164.95	16.52
Sorghum	35675	8788.44	165898.18	18.88
Finger millet	*	*	*	*
Oats / 'Aja'	*	*	-	-
Rice	*	*	*	*
Pulses	46501	5625.67	78278.38	
Faba beans	9291	1122.3	12124.16	10.8
Field peas	11757	1923.6	29511.2	15.34
Haricot beans	31409	2579.08	36643.02	14.21
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	2779	64.43	424.97	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	81727	1198.04	103505.32	
Lettuce	*	*	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	71207	621.88	60540.13	97.35
Tomatoes	*	*	-	-
Green peppers	21739	*	*	*
Red peppers	4860	*	*	*
Swiss chard	-	-	-	-
Root crops	97640	3696.4	264695.25	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	95502	3425.6	237976.22	69.47
Sweet potatoes	4458	41.35	1697.87	41.06
Fruit crops	72678	1370.78	114509.17	
Avocados	10312	53.54	2899.79	54.16
Bananas	50771	996.98	69509.73	69.72
Guavas	-	-	-	-
Lemons	-	-	-	-
Mangoes	17101	115.41	9597.68	83.16
Oranges	5494	31.02	7871.59	253.76
Papayas	28781	170.24	24522.58	144.05
Pineapples	*	*	*	*
Chat	23041	716.86	7218.75	10.07
Coffee	96075	8147.4	62653.49	7.69
Hops	16476	118.06	1478.11	12.52
Sugar cane	21845	431.68	145919.56	338.03

Table 10.12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Yem Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	17024	19112.69	201519.22	
Cereals	16906	16092.01	174256.36	
Teff	14470	6783.02	54464.57	8.03
Barley	10948	1392.96	13286.4	9.54
Wheat	12793	4523.25	61847.91	13.67
Maize	12512	2332.65	33344.11	14.29
Sorghum	6979	1041.36	11206.89	10.76
Finger millet	*	-	-	-
Oats / 'Aja'	666	18.75	106.48	5.68
Rice	*	*	-	-
Pulses	12914	2900.46	26250.48	
Faba beans	10236	1533.36	14487.88	9.45
Field peas	6039	1191.94	10652.57	8.94
Haricot beans	1144	*	*	*
Chick-peas	446	34.08	292.49	8.58
Lentils	2646	114.12	684.85	6
Grass peas	*	*	-	-
Soya beans	-	-	-	-
Fenugreek	1768	7.52	18.26	2.43
Gibto	-	-	-	-
Oilseeds	1430	120.22	1012.38	
Neug	-	-	-	-
Linseed	1183	115.02	1005.15	8.74
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	-	-	-	-
Rape seed	327	*	*	*
Vegetables	12240	100.43	10158.72	
Lettuce	-	-	-	-
Head cabbage	963	3.93	-	-
Ethiopian cabbage	11800	91.3	9855.55	107.95
Tomatoes	280	*	-	-
Green peppers	903	1.44	149.77	104.01
Red peppers	390	2.22	153.4	69.1
Swiss chard	*	*	-	-
Root crops	11396	414.31	32053.26	
Beetroot	1486	3.64	468.68	128.76
Carrot	522	1.53	192.77	125.99
Onion	448	0.84	111.08	132.24
Potatoes	2266	25.09	2687.03	107.1
Garlic	1393	2.71	343.57	126.78
Taro / 'Godere'	8514	285.52	19583.54	68.59
Sweet potatoes	5048	94.99	8666.59	91.24
Fruit crops	6289	85.8	3433.27	
Avocados	1045	5.3	-	-
Bananas	5017	61.11	2820.12	46.15
Guavas	1144	*	*	*
Lemons	-	-	-	-
Mangoes	238	0.81	55.61	68.65
Oranges	714	3.8	192.72	50.72
Papayas	238	*	*	*
Pineapples	*	*	-	-
Chat	7675	197.14	2253.31	11.43
Coffee	9272	248.8	1492.82	6
Hops	1656	10.86	359.12	33.07
Sugar cane	6326	94.47	22024.69	233.14

Table 10.13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Amaro Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	28395	8043.50	80050.77	
Cereals	26679	6732.98	68533.35	
Teff	15478	4025.98	40654.10	10.1
Barley	10122	965.76	9650.50	9.99
Wheat	4023	642.19	7092.70	11.04
Maize	12246	985.59	10069.85	10.22
Sorghum	2447	111.79	1066.19	9.54
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	18797	1304.94	11508.45	
Faba beans	6261	247.20	2202.43	8.91
Field peas	4463	309.19	3494.41	11.3
Haricot beans	12218	603.94	4324.96	7.16
Chick-peas	*	*	*	*
Lentils	459	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	530	*	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	*	*	-	-
Safflower	*	*	*	*
Sesame	-	-	-	-
Rape seed	*	*	-	-
Vegetables	12601	141.18	13674.56	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	12523	140.31	13669.12	97.42
Tomatoes	*	*	*	*
Green peppers	*	*	-	-
Red peppers	-	-	-	-
Swiss chard	-	-	-	-
Root crops	6681	187.69	16964.03	
Beetroot	*	*	-	-
Carrot	-	-	-	-
Onion	*	*	-	-
Potatoes	*	*	-	-
Garlic	*	*	-	-
Taro / 'Godere'	1742	14.08	1172.83	83.3
Sweet potatoes	4677	171.33	15791.20	92.17
Fruit crops	14027	317.69	24442.66	
Avocados	5777	44.49	4096.62	92.08
Bananas	11307	220.94	12502.89	56.59
Guavas	879	2.53	51.13	20.21
Lemons	2102	9.94	1033.43	103.97
Mangoes	2396	15.10	1568.37	103.87
Oranges	1086	1.61	-	-
Papayas	5191	23.07	5190.21	224.98
Pineapples	-	-	-	-
Chat	3326	*	*	*
Coffee	21971	1596.29	11700.82	7.33
Hops	*	*	*	*
Sugar cane	7323	143.36	57788.38	403.1

Table 10.14 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Burji Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	8259	5134.78	42278.68	
Cereals	7490	3323.53	31339.76	
Teff	3224	879.84	5369.42	6.1
Barley	3705	256.37	1123.11	4.38
Wheat	4023	552.81	2515.9	4.55
Maize	4595	1329.84	20838.32	15.67
Sorghum	1350	304.67	1493	4.9
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	6146	1807.5	10932.84	
Faba beans	375	8.65	43.19	4.99
Field peas	767	90.94	313.87	3.45
Haricot beans	5420	1636.74	10284.5	6.28
Chick-peas	326	*	*	*
Lentils	307	18.26	18.01	0.99
Grass peas	-	-	-	-
Soya beans	*	*	*	*
Fenugreek	414	12.45	18.39	1.48
Gibto	-	-	-	-
Oilseeds	274	3.76	*	
Neug	-	-	-	-
Linseed	*	*	*	*
Groundnuts	*	*	-	-
Safflower	*	*	*	*
Sesame	-	-	-	-
Rape seed	*	*	-	-
Vegetables	3520	26.04	2083.04	
Lettuce	*	*	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	2911	23.45	2055.7	87.66
Tomatoes	174	*	*	*
Green peppers	867	1.54	-	-
Red peppers	*	*	-	-
Swiss chard	*	*	-	-
Root crops	1421	14.65	1366.14	
Beetroot	173	0.33	-	-
Carrot	*	*	-	-
Onion	199	*	*	*
Potatoes	370	*	*	*
Garlic	*	*	*	*
Taro / 'Godere'	124	*	-	-
Sweet potatoes	556	5.57	506.99	91.02
Fruit crops	4466	35.08	1132.95	
Avocados	690	2.4	-	-
Bananas	3311	19.82	801.07	40.42
Guavas	714	*	*	*
Lemons	127	*	*	*
Mangoes	225	*	-	-
Oranges	173	*	-	-
Papayas	1717	6.86	300	43.73
Pineapples	-	-	-	-
Chat	295	2.68	23.47	8.76
Coffee	3937	102.18	560.96	5.49
Hops	*	*	-	-
Sugar cane	2379	26.01	4919.15	189.13

Table 10.15 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Konso Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	54845	24164.55	276144.89	
Cereals	54554	22770.24	262517.22	
Teff	9350	2031.74	15856.48	7.8
Barley	*	*	*	*
Wheat	*	*	*	*
Maize	29040	8204.47	119238.72	14.53
Sorghum	44570	12283.29	124640.7	10.15
Finger millet	*	*	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	14564	1311.45	*	
Faba beans	*	*	*	*
Field peas	706	*	-	-
Haricot beans	14141	1233.63	*	*
Chick-peas	*	-	-	-
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	1975	*	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	-	-	-	-
Safflower	1540	*	*	*
Sesame	*	*	*	*
Rape seed	-	-	-	-
Vegetables	4351	26.15	1845.44	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	2536	13.85	1845.44	133.24
Tomatoes	*	*	-	-
Green peppers	*	*	-	-
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	4758	83.05	7311.77	
Beetroot	-	-	-	-
Carrot	*	*	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	-	-	-	-
Taro / 'Godere'	*	*	-	-
Sweet potatoes	3213	51.84	3456.09	66.67
Fruit crops	20492	313.24	14669.09	
Avocados	*	*	-	-
Bananas	8793	189.34	5657.49	29.88
Guavas	2493	9.41	-	-
Lemons	1118	*	-	-
Mangoes	4712	58.22	-	-
Oranges	*	*	-	-
Papayas	12194	50.69	9011.61	177.78
Pineapples	-	-	-	-
Chat	1793	*	-	-
Coffee	13974	525.63	2070.99	3.94
Hops	3317	*	*	*
Sugar cane	*	*	*	*

Table 10.16 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Derashe Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	23539	18290.82	224977.36	
Cereals	23384	17164.97	212857.43	
Teff	5803	1377.51	14163.17	10.28
Barley	3080	314.36	3497.76	11.13
Wheat	1264	*	*	*
Maize	19005	7642.52	109915.2	14.38
Sorghum	13030	7698.76	83457.39	10.84
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	8230	1124.93	12119.93	
Faba beans	*	*	*	*
Field peas	679	*	*	*
Haricot beans	7409	901.26	9086.49	10.08
Chick-peas	750	177.05	2479.5	14
Lentils	*	*	*	*
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	*	*	-	
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	*	*	-	-
Rape seed	-	-	-	-
Vegetables	8720	113.96	7875.17	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	8035	91.83	7875.17	85.76
Tomatoes	*	*	-	-
Green peppers	*	*	-	-
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	5395	66.91	4740.09	
Beetroot	*	*	-	-
Carrot	*	*	-	-
Onion	1053	*	*	*
Potatoes	*	*	*	*
Garlic	-	-	-	-
Taro / 'Godere'	2463	10.7	-	-
Sweet potatoes	1957	13.69	-	-
Fruit crops	5277	196.77	2456.15	
Avocados	-	-	-	-
Bananas	3947	180.76	1700.96	9.41
Guavas	*	*	*	*
Lemons	1072	1.88	62.08	33.02
Mangoes	*	*	-	-
Oranges	*	*	*	*
Papayas	1230	*	*	*
Pineapples	-	-	-	-
Chat	3392	*	*	*
Coffee	8498	114.11	741.69	6.5
Hops	3295	27.74	148.7	5.36
Sugar cane	3673	23.99	1903.52	79.35

Table 10.17 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Dawro

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	84548	29691.69	269204.02	
Cereals	61851	16930.15	159080.3	
Teff	44671	11143.72	89510.83	8.03
Barley	6707	588.29	4333.34	7.37
Wheat	4971	*	*	*
Maize	11342	2187.91	*	*
Sorghum	17136	2258.38	22964.1	10.17
Finger millet	*	*	*	*
Oats / 'Aja'	1819	*	*	*
Rice	-	-	-	-
Pulses	54678	12521.14	108432.81	
Faba beans	32676	5574.41	49532.96	8.89
Field peas	22980	5126.47	47231.13	9.21
Haricot beans	12795	*	*	*
Chick-peas	*	*	*	*
Lentils	3523	111.88	617.26	5.52
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	*	*	-	-
Gibto	*	*	-	-
Oilseeds	9574	240.39	1690.91	
Neug	*	*	*	*
Linseed	6915	114.46	1163.09	10.16
Groundnuts	1994	*	*	*
Safflower	-	-	-	-
Sesame	*	*	*	*
Rape seed	-	-	-	-
Vegetables	46723	385.02	32097.6	
Lettuce	-	-	-	-
Head cabbage	*	*	*	*
Ethiopian cabbage	44855	317.86	31070.68	97.75
Tomatoes	-	-	-	-
Green peppers	2597	6.02	541.14	89.89
Red peppers	2243	*	*	*
Swiss chard	-	-	-	-
Root crops	82405	4451.56	384267.25	
Beetroot	*	*	-	-
Carrot	*	*	*	*
Onion	*	*	*	*
Potatoes	*	*	*	*
Garlic	1040	3.6	459.31	127.59
Taro / 'Godere'	78036	3656.53	306892.61	83.93
Sweet potatoes	21295	769.29	74913.16	97.38
Fruit crops	54794	945.99	67112.79	
Avocados	15267	110.51	6486.11	58.69
Bananas	46073	652.13	41723.18	63.98
Guavas	*	*	*	*
Lemons	*	*	*	*
Mangoes	3364	*	-	-
Oranges	5271	*	*	*
Papayas	18243	100.97	9559.22	94.67
Pineapples	-	-	-	-
Chat	665	*	*	*
Coffee	43565	996.03	7031.96	7.06
Hops	5280	32.57	6012.35	184.6
Sugar cane	16735	164.7	40747.49	247.4

Table 10.18 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Basketo Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	13709	3807.35	43903.09	
Cereals	13151	3478.85	41356.82	
Teff	8910	2592.86	28832.68	11.12
Barley	409	35.5	229.41	6.46
Wheat	*	*	-	-
Maize	10120	675.32	10425.81	15.44
Sorghum	2860	169.05	1868.93	11.06
Finger millet	*	*	-	-
Oats / 'Aja'	*	*	-	-
Rice	*	*	-	-
Pulses	8647	304.87	2444.27	
Faba beans	*	*	43.7	*
Field peas	2071	69.7	579.44	8.31
Haricot beans	7552	223.48	1821.13	8.15
Chick-peas	-	-	-	-
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	*	23.63	*	
Neug	-	-	-	-
Linseed	378	6.2	*	*
Groundnuts	*	*	*	*
Safflower	*	*	-	-
Sesame	*	*	-	-
Rape seed	*	*	-	-
Vegetables	3237	18.72	1410.67	
Lettuce	*	*	-	-
Head cabbage	408	2.9	257.82	88.9
Ethiopian cabbage	2598	12.37	1152.85	93.2
Tomatoes	*	*	-	-
Green peppers	295	0.31	-	-
Red peppers	*	*	-	-
Swiss chard	*	*	-	-
Root crops	13694	649.46	51425.83	
Beetroot	110	*	-	-
Carrot	-	-	-	-
Onion	1204	2.13	-	-
Potatoes	415	*	*	*
Garlic	*	*	-	-
Taro / 'Godere'	11619	173.87	12306.5	70.78
Sweet potatoes	10682	469.71	38817.2	82.64
Fruit crops	11680	167.37	14074.17	
Avocados	5120	27.51	-	-
Bananas	9526	120.73	12611.78	104.46
Guavas	*	*	-	-
Lemons	272	0.81	-	-
Mangoes	5259	13.05	1462.39	112.06
Oranges	173	0.81	-	-
Papayas	2042	3.93	-	-
Pineapples	*	*	-	-
Chat	*	*	-	-
Coffee	11527	472.41	-	-
Hops	1538	16.79	-	-
Sugar cane	6439	83.76	29804.89	355.84

Table 10.19 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Konta Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	21253	11896.12	115507.78	
Cereals	19007	7844.49	75561.68	
Teff	14888	5331.85	46458.35	8.71
Barley	2435	*	*	*
Wheat	1496	153.8	1615.82	10.51
Maize	2482	289.19	2938.38	10.16
Sorghum	7317	1699.66	21428.64	12.61
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	*	*
Rice	-	-	-	-
Pulses	12999	4031.91	39830.79	
Faba beans	8254	2240.72	23735.45	10.59
Field peas	5956	1450.2	14318.48	9.87
Haricot beans	5493	334.14	1773.04	5.31
Chick-peas	*	*	-	-
Lentils	*	*	*	*
Grass peas	*	*	-	-
Soya beans	*	*	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	780	*	*	
Neug	*	*	-	-
Linseed	659	*	*	*
Groundnuts	-	-	-	-
Safflower	-	-	-	-
Sesame	*	*	-	-
Rape seed	*	*	-	-
Vegetables	5047	42.32	1899.09	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	3890	16.02	1525.32	95.21
Tomatoes	-	-	-	-
Green peppers	804	2.18	206.86	94.89
Red peppers	980	*	*	*
Swiss chard	-	-	-	-
Root crops	22092	2135.3	222883.34	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	-	-
Potatoes	*	*	*	*
Garlic	*	*	-	-
Taro / 'Godere'	21824	2047.02	214302.7	104.69
Sweet potatoes	3517	84.67	8429.97	99.56
Fruit crops	16454	389.13	34871.98	
Avocados	4401	24.48	803.09	32.81
Bananas	13734	300.7	22254.77	74.01
Guavas	*	*	*	*
Lemons	440	*	*	*
Mangoes	1601	*	*	*
Oranges	1680	8.34	671.45	80.51
Papayas	6276	34.91	9236.83	264.59
Pineapples	*	*	-	-
Chat	1383	15.18	134.54	8.86
Coffee	11618	301.76	1379.04	4.57
Hops	1358	9.31	134.51	14.45
Sugar cane	4789	45.87	15945.65	347.63

Table 10.20 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Silitie

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	169622	87872.86	1421091	
Cereals	164959	79916.25	1335869.94	
Teff	53646	15673.59	163582.24	10.44
Barley	79027	7926.19	143094.14	18.05
Wheat	92640	18584.69	340805.33	18.34
Maize	119303	28074.57	545056.87	19.41
Sorghum	75926	8614.49	130350.02	15.13
Finger millet	12583	*	*	*
Oats / 'Aja'	*	*	*	*
Rice	*	*	*	*
Pulses	111250	7777.28	84332.29	
Faba beans	76097	2279.51	29670.55	13.02
Field peas	30525	1838.94	23589	12.83
Haricot beans	10419	303.1	4048.1	13.36
Chick-peas	23405	2458.44	21636.06	8.8
Lentils	*	*	*	*
Grass peas	7257	*	4622.41	*
Soya beans	*	*	-	-
Fenugreek	5829	*	309.71	*
Gibto	*	*	-	-
Oilseeds	9605	179.33	888.77	
Neug	*	*	-	-
Linseed	4952	103.18	464.83	4.51
Groundnuts	1447	*	*	*
Safflower	*	*	-	-
Sesame	-	-	-	-
Rape seed	2597	34.57	*	*
Vegetables	139907	4570.47	325362.11	
Lettuce	*	*	-	-
Head cabbage	15169	57.17	5231.24	91.5
Ethiopian cabbage	133363	1989.5	209017.28	105.06
Tomatoes	3217	*	*	*
Green peppers	5085	*	-	-
Red peppers	26813	2474.08	107944.24	43.63
Swiss chard	*	*	-	-
Root crops	44054	366.05	7853.6	
Beetroot	9448	14.92	1836.65	123.1
Carrot	8517	21.7	1987.81	91.6
Onion	9549	18.11	-	-
Potatoes	23110	234.28	-	-
Garlic	2610	*	-	-
Taro / 'Godere'	*	*	-	-
Sweet potatoes	1779	*	*	*
Fruit crops	60933	353.31	31015.29	
Avocados	20215	54.95	3137.3	57.09
Bananas	34740	133.22	5387.37	40.44
Guavas	4459	*	*	*
Lemons	1666	3.15	61.67	19.58
Mangoes	6603	17.52	-	-
Oranges	7667	28.79	5921.15	205.67
Papayas	21346	104.03	16247.67	156.18
Pineapples	-	-	-	-
Chat	87755	2619.04	30302.26	11.57
Coffee	44216	379.41	1631.45	4.3
Hops	*	*	*	*
Sugar cane	19065	135.83	7887.54	58.07

Table 10.21 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Alaba Special Wereda

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	41820	35830.83	584184.22	
Cereals	41820	34575.08	573727.05	
Teff	24421	8665.82	93164.59	10.75
Barley	3596	296.69	3544.08	11.95
Wheat	14999	3564.6	71356.68	20.02
Maize	40233	16632.63	332500.29	19.99
Sorghum	29154	3750.64	53820.59	14.35
Finger millet	18528	1657.56	19340.82	11.67
Oats / 'Aja'	-	-	-	-
Rice	*	*	-	-
Pulses	14404	1185.93	10058.35	
Faba beans	510	*	*	*
Field peas	*	*	-	-
Haricot beans	12812	1060.11	9339.49	8.81
Chick-peas	-	-	-	-
Lentils	1209	*	*	*
Grass peas	*	*	-	-
Soya beans	-	-	-	-
Fenugreek	1520	33.35	138.52	4.15
Gibto	*	*	-	-
Oilseeds	2742	69.82	398.81	
Neug	-	-	-	-
Linseed	1746	44.43	319.08	7.18
Groundnuts	*	*	-	-
Safflower	*	*	-	-
Sesame	516	*	*	*
Rape seed	*	*	-	-
Vegetables	34053	4899.98	151738.66	
Lettuce	*	*	-	-
Head cabbage	2516	20.75	2691.8	129.73
Ethiopian cabbage	25997	684	77292.27	113
Tomatoes	-	-	-	-
Green peppers	*	*	-	-
Red peppers	23029	4186.38	71754.6	17.14
Swiss chard	*	*	-	-
Root crops	6602	149.67	16576.4	
Beetroot	407	*	-	-
Carrot	898	*	-	-
Onion	725	*	*	*
Potatoes	4381	126.13	14038.82	111.3
Garlic	*	*	-	-
Taro / 'Godere'	*	*	-	-
Sweet potatoes	991	*	*	*
Fruit crops	9399	57.24	2558.22	
Avocados	2242	5.99	-	-
Bananas	6934	39	2016.23	51.7
Guavas	904	3.06	-	-
Lemons	-	-	-	-
Mangoes	*	*	-	-
Oranges	-	-	-	-
Papayas	2251	9.02	542	60.09
Pineapples	-	-	-	-
Chat	22768	1147.1	12056.04	10.51
Coffee	5370	90.2	558.34	6.19
Hops	*	*	-	-
Sugar cane	3301	17.3	810.38	46.84

Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Gambela Region

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	34789	10531.56	195885.51	
Cereals	33475	10097.70	191029.64	
Teff	*	*	*	*
Barley	*	*	-	-
Wheat	*	*	-	-
Maize	27214	6823.82	137466.77	20.15
Sorghum	13386	3079.24	51265.45	16.65
Finger millet	*	*	*	*
Oats / 'Aja'	-	-	-	-
Rice	*	*	*	*
Pulses	6429	84.96	576.39	
Faba beans	*	*	-	-
Field peas	*	*	-	-
Haricot beans	6239	56.67	576.39	10.17
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	2741	348.90	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	2120	*	*	*
Safflower	*	*	*	*
Sesame	430	*	*	*
Rape seed	*	*	*	*
Vegetables	8913	189.15	10872.44	
Lettuce	-	-	-	-
Head cabbage	263	1.62	-	-
Ethiopian cabbage	5946	31.19	3117.76	99.96
Tomatoes	809	*	*	*
Green peppers	2811	30.95	3072.45	99.27
Red peppers	1851	*	*	*
Swiss chard	-	-	-	-
Root crops	10307	229.77	20110.7	
Beetroot	195	*	-	-
Carrot	*	*	-	-
Onion	589	3.79	-	-
Potatoes	*	*	-	-
Garlic	362	*	*	*
Taro / 'Godere'	8189	117.26	9381.19	80
Sweet potatoes	2892	106.16	10616.26	100
Fruit crops	16532	376.90	-	
Avocados	4918	34.87	-	-
Bananas	7929	131.31	-	-
Guavas	425	*	-	-
Lemons	649	1.43	-	-
Mangoes	9749	140.04	-	-
Oranges	3239	19.06	-	-
Papayas	7899	38.37	-	-
Pineapples	1531	9.41	-	-
Chat	2929	59.04	-	-
Coffee	10206	2430.65	-	-
Hops	2664	34.99	-	-
Sugar cane	6442	87.11	-	-

Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Agnuwak

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	12065	5580.86	118543.38	
Cereals	11450	5204.75	114019.25	
Teff	*	*	-	-
Barley	-	-	-	-
Wheat	*	*	-	-
Maize	9639	4096.77	95911.05	23.41
Sorghum	4166	927.37	15869.39	17.11
Finger millet	*	*	*	*
Oats / 'Aja'	-	-	-	-
Rice	*	*	*	*
Pulses	3065	28.37	246.7	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	3065	28.37	246.7	8.7
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	2389	347.73	*	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	1932	*	*	*
Safflower	-	-	-	-
Sesame	*	*	*	*
Rape seed	*	*	-	-
Vegetables	1535	*	*	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	*	*
Tomatoes	568	*	*	*
Green peppers	*	*	*	*
Red peppers	*	*	*	*
Swiss chard	-	-	-	-
Root crops	2448	99.79	9685.75	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	-	-
Potatoes	-	-	-	-
Garlic	-	-	-	-
Taro / 'Godere'	1084	*	*	*
Sweet potatoes	1727	85.38	8537.8	100
Fruit crops	4199	94.08	-	
Avocados	-	-	-	-
Bananas	*	14.25	-	-
Guavas	*	*	-	-
Lemons	266	0.55	-	-
Mangoes	2129	*	-	-
Oranges	*	*	-	-
Papayas	1981	18.2	-	-
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	*	*	-	-
Hops	*	*	-	-
Sugar cane	518	*	-	-

Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Nuware

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	6341	856.50	11828.72	
Cereals	6334	855.58	11820.61	
Teff	-	-	-	-
Barley	-	-	-	-
Wheat	-	-	-	-
Maize	6334	855.58	11820.61	13.82
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	-	-	-	-

Table 11.3 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Mezhenger

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	12165	2831.1	44796.1	
Cereals	11670	2778.03	44501.71	
Teff	*	*	*	*
Barley	*	*	-	-
Wheat	-	-	-	-
Maize	7259	618.17	9067.77	14.67
Sorghum	9106	2146.41	35375.33	16.48
Finger millet	*	*	-	-
Oats / 'Aja'	-	-	-	-
Rice	*	-	-	-
Pulses	3107	52.24	292.34	
Faba beans	*	*	-	-
Field peas	*	*	-	-
Haricot beans	2916	23.96	292.34	12.2
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	*	*	-	-
Fenugreek	-	-	-	-
Gibto	*	*	-	-
Oilseeds	157	*	*	
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	*	*	-	-
Safflower	*	*	*	*
Sesame	-	-	-	-
Rape seed	*	*	*	*
Vegetables	7371	68.86	5941.96	
Lettuce	-	-	-	-
Head cabbage	263	1.62	-	-
Ethiopian cabbage	5825	28.53	2851.29	99.94
Tomatoes	233	0.36	52.82	146.72
Green peppers	2508	29.22	2900.68	99.27
Red peppers	884	9.14	137.17	15.01
Swiss chard	-	-	-	-
Root crops	7807	129.21	10358.01	
Beetroot	195	*	-	-
Carrot	*	*	-	-
Onion	529	3.73	-	-
Potatoes	*	*	-	-
Garlic	362	*	*	*
Taro / 'Godere'	7105	102.92	8233.24	80
Sweet potatoes	1127	*	*	*
Fruit crops	11732	269.53	-	
Avocados	4918	34.87	-	-
Bananas	6428	115.91	-	-
Guavas	270	*	-	-
Lemons	382	*	-	-
Mangoes	7107	68.02	-	-
Oranges	3179	18.72	-	-
Papayas	5867	19.89	-	-
Pineapples	1531	9.41	-	-
Chat	2929	59.04	-	-
Coffee	10145	2425.24	-	-
Hops	2604	24.64	-	-
Sugar cane	5924	82.56	-	-

Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Itang Special

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	4218	1263.1	20717.31	
Cereals	4021	1259.34	20688.07	
Teff	-	-	-	-
Barley	*	*	-	-
Wheat	-	-	-	-
Maize	3983	1253.31	20667.34	16.49
Sorghum	114	5.45	20.73	3.8
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	250	3.42	29.24	
Faba beans	-	-	-	-
Field peas	-	-	-	-
Haricot beans	250	3.42	29.24	8.55
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Gibto	-	-	-	-
Oilseeds	195	0.35	-	
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	150	0.26	-	-
Safflower	-	-	-	-
Sesame	*	*	-	-
Rape seed	-	-	-	-
Vegetables	*	*	*	
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	-	-	-	-
Tomatoes	*	*	*	*
Green peppers	-	-	-	-
Red peppers	-	-	-	-
Swiss chard	-	-	-	-
Root crops	52	*	*	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	-	-	-	-
Potatoes	*	*	-	-
Garlic	-	-	-	-
Taro / 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Fruit crops	601	13.29	-	
Avocados	-	-	-	-
Bananas	181	1.14	-	-
Guavas	-	-	-	-
Lemons	-	-	-	-
Mangoes	513	11.87	-	-
Oranges	-	-	-	-
Papayas	51	*	-	-
Pineapples	-	-	-	-
Chat	-	-	-	-
Coffee	-	-	-	-
Hops	-	-	-	-
Sugar cane	-	-	-	-

Table 12 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Harari

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	18138	9556.47	113811.19	
Cereals	17998	7061.49	90650.26	
Teff	*	*	-	-
Barley	350	15.34	120.78	7.87
Wheat	900	36.61	362.68	9.91
Maize	11717	1272.88	21111.65	16.59
Sorghum	17183	5712.8	69055.15	12.09
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	*	*	-	-
Pulses	699	21.52	103.95	
Faba beans	-	-	-	-
Field peas	*	*	-	-
Haricot beans	503	11.91	100.86	8.47
Chick-peas	*	*	-	-
Lentils	*	*	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	*	*
Gibto	*	*	-	-
Oilseeds	9683	2473.46	23056.98	
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	9599	2453.42	22960.43	9.36
Safflower	-	-	-	-
Sesame	355	*	*	*
Rape seed	*	*	-	-
Vegetables	262	*	-	
Lettuce	*	*	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	*	*	-	-
Green peppers	*	*	-	-
Red peppers	-	-	-	-
Swiss chard	-	-	-	-
Root crops	4242	169.22	-	
Beetroot	-	-	-	-
Carrot	*	*	-	-
Onion	*	*	-	-
Potatoes	*	*	-	-
Garlic	-	-	-	-
Taro / 'Godere'	-	-	-	-
Sweet potatoes	3559	110	-	-
Fruit crops	10448	543.09	-	
Avocados	*	*	-	-
Bananas	2019	18.67	-	-
Guavas	2930	*	-	-
Lemons	1428	25.81	-	-
Mangoes	7414	425.33	-	-
Oranges	*	*	-	-
Papayas	2604	21.18	-	-
Pineapples	*	*	-	-
Chat	14639	3081.12	-	-
Coffee	1711	72.58	-	-
Hops	231	*	-	-
Sugar cane	1549	72.52	-	-

Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings
for Meher Season 2007/2008 (2000 E.C)

Dire Dawa

Crop	Number of holders	Area in hectare	Production in quintal	yield (qt / ha)
Grain	15497	7957.20	106117.10	
Cereals	15497	7455.02	100199.53	
Teff	-	-	-	-
Barley	-	-	-	-
Wheat	*	*	*	*
Maize	4171	284.00	5596.81	19.71
Sorghum	15227	7135.92	94320.46	13.22
Finger millet	*	*	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	5181	345.15	4232.49	
Faba beans	-	-	-	-
Field peas	*	*	-	-
Haricot beans	5106	341.52	4232.49	12.39
Chick-peas	-	-	-	-
Lentils	-	-	-	-
Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Gibto	-	-	-	-
Oilseeds	1888	157.03	1685.08	
Neug	*	*	-	-
Linseed	-	-	-	-
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	755	30.49	*	*
Rape seed	-	-	-	-
Vegetables	894	13.49	-	
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	608	*	-	-
Green peppers	282	*	-	-
Red peppers	-	-	-	-
Swiss chard	-	-	-	-
Root crops	5253	220.49	-	
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	524	*	-	-
Potatoes	389	*	-	-
Garlic	*	*	-	-
Taro / 'Godere'	-	-	-	-
Sweet potatoes	4863	168.73	-	-
Fruit crops	4042	72.87	-	
Avocados	*	*	-	-
Bananas	376	6.21	-	-
Guavas	1332	*	-	-
Lemons	288	*	-	-
Mangoes	1089	13.78	-	-
Oranges	*	*	-	-
Papayas	1750	21.20	-	-
Pineapples	-	-	-	-
Chat	9890	1014.39	-	-
Coffee	2582	93.50	-	-
Hops	-	-	-	-
Sugar cane	-	-	-	-

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 households 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 ith EA and hth

stratum.

$\hat{A}_{hij}, \hat{P}_{hij}$ are weighted values of area and production, respectively, from jth agricultural household in the

ith EA and hth stratum under a specific crop.

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

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

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

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

5. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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

APPENDIX II

STANDARD ERRORS AND COEFFICIENTS OF VARIATION OF ESTIMATES

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Ethiopia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	10954723	155167	1	161166575	3244346	2
Cereals	8730001	128684	1	137169907	2990153	2
Teff	2565155	73941	3	29929235	1094900	4
Barley	984943	51005	5	13548071	916967	7
Wheat	1424719	60046	4	23144885	1161883	5
Maize	1767389	54148	3	37497491	1405104	4
Sorghum	1533537	61301	4	26591292	1799158	7
Finger millet	399268	22973	6	5379915	333170	6
Oats / 'Aja'	30556	3854	13	365858	56231	15
Rice	24434	10247	42	713161	336023	47
Pulses	1517662	42869	3	17827388	572738	3
Horse beans	520520	20459	4	6886670	307939	4
Field peas	211798	11505	5	2319343	137823	6
Haricot beans	231443	15114	7	2414176	178282	7
Chick-peas	226785	17374	8	2868202	254054	9
Lentils	107428	10014	9	941027	108751	12
Vetch	147172	12882	9	1854900	171242	9
Soya beans	7807	1923	25	84006	27310	33
Fenugreek	38310	5671	15	293520	55475	19
Gibto	26399	5666	21	165542	38453	23
Oilseeds	707059	32888	5	6169280	563498	9
Neug	285237	19026	7	1598197	134320	8
Linseed	152129	14687	10	1698551	324149	19
Groundnuts	40198	10284	26	446850	114168	26
Safflower	8999	1761	20	80745	21328	26
Sesame	185912	20033	11	1867727	440060	24
Rape seed	34584	3528	10	477210	58606	12

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Tigray

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	878322	34407	4	11789353	647589	5
Cereals	709836	28358	4	10026218	602638	6
Teff	178742	12686	7	2283031	359313	16
Barley	114923	11536	10	1566803	259863	17
Wheat	103957	10651	10	1477496	152140	10
Maize	63266	4711	7	942397	78842	8
Sorghum	170504	16529	10	2709170	283133	10
Finger millet	77848	6824	9	1041911	102545	10
Oats / 'Aja'	*	*	*	*	*	*
Rice	*	*	*	*	*	*
Pulses	80118	5947	7	1018512	124065	12
Horse beans	25510	2864	11	438797	112640	26
Field peas	7887	1638	21	100200	20787	21
Haricot beans	6400	2856	45	44431	19948	45
Chick-peas	15075	2358	16	187040	29679	16
Lentils	11540	2085	18	102294	18914	18
Vetch	11534	2591	22	135547	30585	23
Soya beans	-	-	-	-	-	-
Fenugreek	2165	526	24	10203	2917	29
Gibto	*	*	*	-	-	-
Oilseeds	88369	11602	13	744624	99568	13
Neug	8175	1692	21	67714	15157	22
Linseed	12859	1911	15	146337	23080	16
Groundnuts	*	*	*	*	*	*
Safflower	*	*	*	*	*	*
Sesame	66877	11699	17	527888	99655	19
Rape seed	53	23	43	*	*	*

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Afar

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	18096	4184	23	404805	90898	22
Cereals	17409	3916	23	401290	90439	23
Teff	*	*	*	*	*	*
Barley	*	*	*	-	-	-
Wheat	*	*	*	-	-	-
Maize	12535	2828	23	360595	87032	24
Sorghum	*	*	*	20683	9921	48
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	*	*	*	*	*	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	*	*	*	*	*	*
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	*
Neug	*	*	*	*	*	*
Linseed	*	*	*	*	*	*
Groundnuts	*	*	*	-	-	-
Safflower	*	*	*	*	*	*
Sesame	*	*	*	*	*	*
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Amhara

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	3862233	91698	2	54372888	1803810	3
Cereals	2923003	75935	3	43611015	1572134	4
Teff	1047085	51490	5	12685684	808968	6
Barley	330279	26331	8	4299377	577833	13
Wheat	426815	28991	7	6211769	476806	8
Maize	397481	20718	5	9212313	618491	7
Sorghum	499134	42625	9	7907746	804376	10
Finger millet	196115	19311	10	2656359	277560	10
Oats / 'Aja'	8117	1543	19	83072	20040	24
Rice	*	*	*	*	*	*
Pulses	703527	30544	4	8175494	408208	5
Horse beans	241129	14474	6	3191183	206834	6
Field peas	81407	6854	8	856551	77899	9
Haricot beans	49194	8399	17	494698	97613	20
Chick-peas	137983	14545	11	1704374	209842	12
Lentils	60411	6577	11	519858	77129	15
Vetch	82960	9678	12	1041347	130287	13
Soya beans	*	*	*	*	*	*
Fenugreek	22079	4010	18	173356	39214	23
Gibto	26053	5664	22	162539	38404	24
Oilseeds	235703	18760	8	2586380	509082	20
Neug	121660	13618	11	675027	95347	14
Linseed	31287	3257	10	*	*	*
Groundnuts	*	*	*	*	*	*
Safflower	7185	1684	23	73253	21198	29
Sesame	49859	12147	24	906173	423464	47
Rape seed	23686	2946	12	375996	55098	15

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Oromia

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	4951938	114317	2	78001206	2532849	3
Cereals	4051536	93774	2	68620657	2390028	3
Teff	1082817	49246	5	12412871	621029	5
Barley	466223	41643	9	6741770	655683	10
Wheat	768544	50337	7	13402137	1031375	8
Maize	968922	44879	5	21469577	1169123	5
Sorghum	649671	39300	6	13051073	1571959	12
Finger millet	91749	9367	10	1226638	139660	11
Oats / 'Aja'	21383	3520	16	273968	52472	19
Rice	*	*	*	*	*	*
Pulses	564533	28186	5	6881434	368254	5
Horse beans	196862	13353	7	2586244	189314	7
Field peas	80861	8275	10	932199	103190	11
Haricot beans	116708	10936	9	1334301	135320	10
Chick-peas	66797	8922	13	902044	137163	15
Lentils	34624	7257	21	314615	74294	24
Vetch	51615	8086	16	668797	106769	16
Soya beans	3372	1098	33	33885	12803	38
Fenugreek	13573	3969	29	109349	39132	36
Gibto	*	*	*	-	-	-
Oilseeds	335869	24127	7	2499115	218077	9
Neug	142847	12945	9	792658	92617	12
Linseed	105812	14189	13	1006219	149084	15
Groundnuts	27990	10084	36	301371	110379	37
Safflower	1225	495	40	4780	2235	47
Sesame	47711	10526	22	297304	63886	21
Rape seed	10285	1934	19	96784	19922	21

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Somale

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	78140	7106	9	732324	107530	15
Cereals	75746	7125	9	711856	105791	15
Teff	*	*	*	*	*	*
Barley	1748	705	40	14707	6519	44
Wheat	*	*	*	*	*	*
Maize	36876	4448	12	325935	53735	16
Sorghum	33993	5324	16	342660	84753	25
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	1008	348	35	4417	1517	34
Horse beans	-	-	-	-	-	-
Field peas	*	*	*	-	-	-
Haricot beans	973	338	35	4319	1521	35
Chick-peas	*	*	*	*	*	*
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	*
Neug	-	-	-	-	-	-
Linseed	*	*	*	*	*	*
Groundnuts	*	*	*	*	*	*
Safflower	-	-	-	-	-	-
Sesame	*	*	*	*	*	*
Rape seed	-	-	-	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Benishangul - Gumuz

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	191990	10777	6	2628891	154811	6
Cereals	142470	7903	6	2244618	139309	6
Teff	18871	3121	17	205102	40250	20
Barley	1276	514	40	16474	6926	42
Wheat	3426	1650	48	49714	24125	49
Maize	31046	2903	9	624380	64975	10
Sorghum	59829	5969	10	953679	101942	11
Finger millet	27519	4380	16	387430	61385	16
Oats / 'Aja'	*	*	*	*	*	*
Rice	421	144	34	6806	2829	42
Pulses	10430	1217	12	112923	13613	12
Horse beans	951	302	32	11153	3566	32
Field peas	650	321	49	*	*	*
Haricot beans	6156	1124	18	66459	12286	18
Chick-peas	446	147	33	4261	1377	32
Lentils	*	*	*	*	*	*
Vetch	-	-	-	-	-	-
Soya beans	1992	534	27	18079	4476	25
Fenugreek	13	5	37	*	*	*
Gibto	*	*	*	*	*	*
Oilseeds	39089	3365	9	271350	26550	10
Neug	12100	2457	20	60314	11867	20
Linseed	586	183	31	6116	2049	34
Groundnuts	5460	1215	22	71019	18454	26
Safflower	34	11	34	187	58	31
Sesame	20800	2463	12	131429	17679	13
Rape seed	108	48	45	*	*	*

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

S.N.N.P.R.

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	945958	35055	4	12821292	626540	5
Cereals	785387	32630	4	11172374	595185	5
Teff	234789	14747	6	2322468	166751	7
Barley	70410	6340	9	908818	96942	11
Wheat	118815	10610	9	1974579	186854	9
Maize	248882	20708	8	4398119	450845	10
Sorghum	102474	7575	7	1391640	144322	10
Finger millet	5967	1166	20	66910	13178	20
Oats / 'Aja'	575	162	28	3934	905	23
Rice	*	*	*	*	*	*
Pulses	157093	8563	5	1627171	100998	6
Horse beans	56058	4743	8	659292	59209	9
Field peas	40953	3756	9	421013	42701	10
Haricot beans	51101	5351	10	462534	58217	13
Chick-peas	6473	2265	35	70387	28527	41
Lentils	790	144	18	3687	660	18
Vetch	1063	426	40	9209	3733	41
Soya beans	*	*	*	*	*	*
Fenugreek	*	*	*	595	166	28
Gibto	*	*	*	-	-	-
Oilseeds	3478	513	15	21748	3483	16
Neug	*	*	*	*	*	*
Linseed	1495	309	21	11948	2124	18
Groundnuts	517	186	36	2222	855	38
Safflower	261	59	23	1084	358	33
Sesame	320	150	47	*	*	*
Rape seed	437	154	35	1756	528	30

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Gambela

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	10532	1318	13	195886	28443	15
Cereals	10098	1295	13	191030	28524	15
Teff	*	*	*	*	*	*
Barley	*	*	*	-	-	-
Wheat	*	*	*	-	-	-
Maize	6824	1188	17	137467	27640	20
Sorghum	3079	485	16	51265	9276	18
Finger millet	*	*	*	*	*	*
Oats / 'Aja'	-	-	-	-	-	-
Rice	*	*	*	*	*	*
Pulses	85	27	32	576	155	27
Horse beans	*	*	*	-	-	-
Field peas	*	*	*	-	-	-
Haricot beans	57	13	22	576	155	27
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	*	*	*	-	-	-
Oilseeds	349	173	49	*	*	*
Neug	-	-	-	-	-	-
Linseed	*	*	*	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	*	*	*	*	*	*
Sesame	*	*	*	*	*	*
Rape seed	*	*	*	*	*	*

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Harari

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	9556	869	9	113811	10802	9
Cereals	7061	540	8	90650	9939	11
Teff	*	*	*	-	-	-
Barley	15	6	40	121	44	36
Wheat	37	18	50	363	171	47
Maize	1273	194	15	21112	3075	15
Sorghum	5713	495	9	69055	8075	12
Finger millet	-	-	-	-	-	-
Oats / 'Aja'	*	*	*	-	-	-
Rice	*	*	*	-	-	-
Pulses	22	8	37	104	41	39
Horse beans	-	-	-	-	-	-
Field peas	*	*	*	-	-	-
Haricot beans	12	5	40	101	41	40
Chick-peas	*	*	*	-	-	-
Lentils	*	*	*	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*
Gibto	*	*	*	-	-	-
Oilseeds	2473	511	21	23057	4612	20
Neug	-	-	-	-	-	-
Linseed	*	*	*	-	-	-
Groundnuts	2453	510	21	22960	4593	20
Safflower	-	-	-	-	-	-
Sesame	*	*	*	*	*	*
Rape seed	*	*	*	-	-	-

Estimate of Holders Area, Production, Standard Errors and Coefficient of Variations
For Crops 2007/2008 (2000 E.C)

Dire Dawa

Crop	Area	Standard Error	CV %	Production	Standard Error	CV %
Grain	7957	660	8	106117	9141	9
Cereals	7455	612	8	100200	8183	8
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	*	*	*	*	*	*
Maize	284	67	23	5597	1949	35
Sorghum	7136	635	9	94320	8617	9
Finger millet	*	*	*	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	345	77	22	4232	1053	25
Horse beans	-	-	-	-	-	-
Field peas	*	*	*	-	-	-
Haricot beans	342	76	22	4232	1053	25
Chick-peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	157	64	41	1685	737	44
Neug	*	*	*	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	-	-	-	-	-	-
Sesame	30	13	41	*	*	*
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. Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2007/2008 (2000 E.C) Annual Agricultural Sample Survey (Meher Season).

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	620	620
	Central Tigray	39	39	780	780
	Eastern Tigray	29	29	580	579
	Southern Tigray	38	38	760	760
	Western Tigray	25	24	500	480
	Region Total	**162**	**161**	**3240**	**3219**
Afar	Zone One	24	24	480	473
	Zone Three	24	15	480	300
	Region Total	**48**	**39**	**960**	**773**
Amhara	North Gonder	44	43	880	860
	South Gonder	44	44	880	879
	North Wello	45	41	900	819
	South Wello	46	45	920	899
	North Shewa	40	40	800	800
	East Gojam	47	42	940	839
	West Gojam	46	46	920	920
	Wag Hemira	28	23	560	460
	Awi	32	32	640	638
	Oromia	28	27	560	537
	Argoba Special	20	20	400	400
	Region Total	**420**	**403**	**8400**	**8051**
Oromia	West Wellega	36	36	720	720
	East Wellega	36	35	720	700
	Illubabor	36	36	720	719
	Jimma	46	46	920	919
	West Shewa	42	41	840	820
	North Shewa	34	34	680	676
	East Shewa	40	38	800	757
	Arsi	44	43	880	860
	West Harerghe	40	40	800	799
	East Harerghe	42	39	840	775
	Bale	40	40	800	788
	Borena	36	36	720	720
	South West Shewa	38	38	760	756
	Guji	36	35	720	698
	Kelem	36	36	720	720
	Horoguduru	36	36	720	719
	West Arsi	39	37	780	739
	Region Total	**657**	**646**	**13140**	**12885**

Appendix III (cont'd)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	16	400	310
	Jijiga	28	28	560	556
	Liben	24	24	480	477
	Region Total	**72**	**68**	**1440**	**1343**
Benishangul-	Metekel	24	24	480	473
Gumuz	Asosa	20	20	400	400
	Kemashi	24	24	480	480
	Pawe Special	20	18	400	400
	Mao Komo	20	20	400	400
	Region Total	**108**	**106**	**2160**	**2119**
SNNP	Guraghe	38	38	760	760
	Hadiya	34	34	680	677
	Kembata_Tambaro	33	33	660	660
	Sidama	42	42	840	838
	Gedeo	34	31	680	616
	Wolayita	39	38	780	759
	South Omo	33	32	660	638
	Shaka	24	24	480	480
	Keffa	36	35	720	700
	Gamo_Gofa	38	38	760	756
	Bench_Maji	32	31	640	618
	Yem Specia Wereda	20	20	400	400
	Amaro Special W.	20	20	400	400
	Burji Special Wereda	20	19	400	400
	Konso Special Wereda.	20	20	400	399
	Derashe Special Wereda.	20	16	400	319
	Dawro	32	32	640	635
	Basketo Special Wereda.	20	20	400	399
	Konta Special Wereda.	20	20	400	400
	Siltie	30	30	600	599
	Alaba Special Wereda.	20	20	400	400
	Region Total	**605**	**593**	**12100**	**11853**
Gambela	Agnuwak	20	12	400	240
	Nuware	20	11	600	321
	Mezhenger	20	19	400	378
	Itang Special	20	19	400	385
	Region Total	**80**	**61**	**1800**	**1324**
Harari	**Harari**	**24**	**24**	**480**	**478**
Dire Dawa	**Dire Dawa**	**24**	**24**	**480**	**478**
Country Total		**2200**	**2125**	**44200**	**42523**

Appendix III (cont'd) Number of Parcels, Fields measured and Crop-cuttings performed by Region and Zone

Region	Zone	Number of Parcels	Number of fields
Tigray	N.W. Tigray	2174	5699
	Central Tigray	3379	8921
	Eastern Tigray	1878	7049
	Southern Tigray	3793	6460
	Western Tigray	1627	4108
	Region Total	**12851**	**32237**
Afar	Zone One	872	1370
	Zone Three	494	881
	Regional Total	**1366**	**2251**
Amhara	North Gonder	4649	8657
	South Gonder	5441	10161
	North Wello	4326	7678
	South Wello	5674	9861
	North Shewa	4895	12053
	East Gojam	4522	8213
	West Gojam	5158	10295
	Wag Hemira	2256	3527
	Awi	2992	6587
	Oromia zone	1531	3805
	Argoba Special	1561	2484
	Regional Total	**43005**	**83321**
Oromia	West Wellega	3900	10332
	East Wellega	2983	7784
	Illubabor	2430	8161
	Jimma	3275	11864
	West Shewa	3848	10250
	North Shewa	3899	7733
	East Shewa	3222	6319
	Arsi	4027	9393
	West Harerghe	2206	7082
	East Harerghe	2475	6065
	Bale	2513	6305
	Borena	1572	4918
	South West Shewa	3731	10401
	Guji	1447	4703
	Kelem	3790	9582
	Horoguduru	3370	8707
	West Arsi	2131	6046
	Region Total	**50819**	**135645**

Appendix III (cont'd) Number of Parcels, Fields measured and Crop-cuttings performed by Region and Zone

Region	Zone	Number of Parcels	Number of fields
Somali	Shinile	493	778
	Jijiga	1173	2455
	Liben	793	1300
	Regional Total	**2459**	**4532**
Benish-Gumuz	Metekel	1776	3697
	Asosa	1872	4339
	Kemashi	1020	2216
	Pawe Special	1673	3250
	Mao Komo	1339	4103
	Regional Total	**7680**	**17605**
SNNP	Gurage	1628	10716
	Hadiya	1455	11036
	Kembata_Tambaro	1446	11474
	Sidama	1666	7548
	Gedeo	1872	5010
	Wolayita	1274	11859
	South Omo	1472	4684
	Shaka	1487	5729
	Keffa	1614	10122
	Gamo_Gofa	2112	8414
	Bench_Maji	1347	5152
	Yem SpeciWereda	1760	7130
	Amaro Special W.	898	3852
	Burji Spec.Wereda	999	3586
	Konso S. Wereda.	1336	3250
	Derashe Wereda.	940	2277
	Dawro	950	6903
	Basketo Wereda.	877	6110
	Konta Sp. Wereda.	642	4857
	Siltie	1420	8036
	Alaba Sp. Wereda.	944	5127
	Regional Total	**28139**	**142872**
Gambela	Angnuwak	542	1307
	Nuware	742	1033
	Mezhenger	924	4395
	Itang Special	982	1573
	Regional Total	**3190**	**8308**
Harari		1654	3523
Dire Dawa		1486	2669
Country	**Total**	152649	432963

APPENDIX IV

QUESTIONNAIRE

Ag.S.S. Form **2000**/0

Central Statistical Agency
National Integrated Household Survey
Agricultural Sample Survey, 2007/2008 (2000 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 2000/1

Central Statistical Agency

National Integrated Household Survey

Agricultural Sample Survey, 2007/2008 (2000 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 2000/2A

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2007/2008 (2000 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 AgSS2000/2B

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2007/08 (2000 E.C)

PART I – IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
			PA /	EA	HH	HH	HOLDER	HOLDER'S					FARMING TYPE
Region	Zone	Wereda	REST.AR	LOCAL	ID	HEAD SEX 1=M 2=F	ID	NAME	AGE	SEX M=1 F=2	HIGHEST GRADE COMPLETED	HOLDER'S HH SIZE	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. 2000/4

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2007/08 (2000 E.C)

Part I – Identification Particular

2	3	4	5	6	7	8	9	10	11	12	13
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

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

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
		Crop name																	
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

Form AgSS. 2000/5

CENTRAL STATISTICAL AUTHORITY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2007/08 (2000 E.C)

Part I – Identification Particular

	2	3	4	5	6	7	8	9	10	11	12	13	
	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	

Part II – Temporary Crop Cutting Results

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