THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

2020/21 (2013 E.C.)

VOLUME I

REPORT ON

AREA AND PRODUCTION OF MAJOR CROPS

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

ADDIS ABABA
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ABBREVIATIONS:

AgSS- Agricultural Sample Survey

CSA- Central Statistical Agency

CSPro -Census and Surveys Processing system software

CAPI- Computer Assisted Personal Interview

CV- Coefficient of variation

EA- Census Enumeration Areas

E.C.- Ethiopian calendar

GPS- Global Positioning System

IMPS- Integrated Microcomputer Processing System software

PPS- Probability Proportional to Size

PSU- Primary Sampling Unit

SSU- Secondary Sampling Unit

S.N.N.P.R.- South Nations, Nationalities and Peoples Region

VPN- Virtual Private Network

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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 2020/21 (2013 E.C.) Agricultural Sample Survey (AgSS) was conducted to provide data on cropped land 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 six components: Crop Production Forecast Survey, Meher Season

Post Harvest Survey (Area and production, land use, farm management practice and crop and livestock product utilization), Livestock Survey, Dry season Irrigation Survey and Belg Season Survey.

The specific objectives of Meher Season Post Harvest Survey are to estimate the total cropland 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 areas of the country and part of companion reports on the performance of agriculture in the country. The report is compiled at regional state and administrative 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 2020/21 (2013 E.C.) Annual Agricultural Sample Survey (Meher Season) dealt with includes all cereals, pulses and oilseeds and the most commonly grown vegetables, root crops, permanent (perennial) crops and other cash crops. Holders growing at least one or more of these and/or other crops are enumerated and data on cropland area and yield condition recorded, hence data on production of these crops acquired.

The 2020/21 (2013 E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country.

To be covered by the survey, a total of 2,768 Census Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 397 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,371 EAs (85.66%) 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 55,360 agricultural households, however, 47,420 (85.66%) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective households obtained from the 4th round population and housing census cartographic 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. Census 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 2020/21 (2013 E.C.) agricultural sample survey was determined by taking into account both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered.

All administrative zones in each regional state were taken to be the domain of estimation for which major findings of the survey are reported.

2.4. SELECTION SCHEME

Enumeration areas from each stratum were selected systematically using probability proportional to size (PPS) sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 4th round Ethiopian population and housing census cartographic frame. From the fresh list of households prepared at the beginning of the survey, 20 agricultural households within each sample EA were selected by systematic random sampling technique.

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

2.5. ORGANIZATION OF FIELD WORK

The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the field operation coordination office that liaises between the Head Office and the 24 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, electronic data transfer and retrieving completed questionnaires and submitting them to the Head Office for data processing.

The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2,906 enumerators, 923 field supervisors and 204 statisticians/experts were involved in the data collection where on the average one supervisor was assigned to three enumeration areas for supervision of data collection operation. All the enumerators were supplied with the necessary survey equipment (GPS-equipped tablets, solar battery chargers, kitchen balance scales, etc.) after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 180 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 each of the 24 branch offices for 5 days targeted staff from the Head Office, statisticians/experts 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 field supervisors for 12 days in all the 24 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, crop cutting exercise, interviewing procedures, quality checking methods, manipulation of GPS-equipped tablets, usage of data collection applications loaded on tablets, online data transfer, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS-equipped tablets uses and interviewing methods.

2.7. METHOD OF DATA COLLECTION

The agricultural data for the year 2020/21 (2013 E.C.) was collected from the entire rural small holding households by interviewing the selected agricultural holders and physically measuring their land plots/parcels and crop cut experiments to obtain data on cropland area, yields and other items of interest.

The data obtained were recorded and transferred in various forms designed for this purpose using Computer Assisted Personal Interview (CAPI) or tablets technology data collection method. Instruments like GPS-equipped tablets, kitchen balance, scientific calculators, GPS gadgets 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 agricultural holders were performed for the 20 selected households from each sampled E.A or sample cluster.

2.8. DATA PROCESSING

Census and Survey Processing System (CSPro) software was used by data processing experts to design the tablet-based field data collection applications based on the questionnaires prepared for each survey module by subject matter statisticians. Validity checks such as ranges, skips and consistencies were included in the application to maintain the quality and field level consistency checking of the data. Computer Assisted Personal Interviewing (CAPI) using tablets technology was used to conduct face-to-face interview, cropland area measurement and others data collection . The collected data was then transferred to the supervisors' tablets using Bluetooth. After checking the quality of data collected by enumerator, supervisors transferred the collected data to the server located at the head office using VPN network connection. At the head office, further validity checks were done on each question and consistencies between questions. If error is observed during the validity checks, the data were sent back to the field with error repots for correction. After the corrected data was sent back to the head office, further processing was done on the completed survey data. The final stage of the data processing was to summarize the data and produce statistical tables. Estimation of the statistical tables was done using CSPro and the tabulation component of IMPS (Integrated Microcomputer Processing System) software.

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 pre-requisite 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): a census enumeration area in the rural parts of the country is a unit of land delineated for the purpose of population census with clear identified boundary, in some case equal to a locality or a part of a locality or a combination of small localities and usually consists of 100 - 150 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 without 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 without 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 crop 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, making fabrics or clothing, etc.

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. mangos, avocados, oranges, papayas, mandarin, bananas, etc.) and trees for stimulants/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, in most cases crops those planted during the major rainy season.

Belg Season Crop: any temporary crop harvested between the months of Megabit (March) and Pagume (August) is considered to be Belg Season Crop, in most case crops those planted during the short rainy season.

Note:-

1. Those cropland area and production designated by "*" in all tables could not be reported because of high coefficient of variation (i.e. less reliable estimates). However, they are consolidated in the total estimates.
2. In all tables "-" indicates not reported or no data.
3. If in some tables, figures do not add up to total, it is due to rounding.
4. Due to incompleteness of the year 2020/21 (2013 E.C) main season field data collection in Tigray region, the 2019/20 (2012 E.C) post-harvest estimates for the respective region are imputed as a proxy estimates for completeness of national estimates.
5. This report does not include dry season irrigation crops (especially the recent initiatives of dry season irrigated wheat), commercial farm crop production and belg (short rainy season) crop production. Separate reports will be produced for those agriculture practice category.
6. In APPENDIX III, "-" for number of covered EAs and households indicate that due to reasons that are beyond control, in all EAs in Tigray region, the survey could not be successful and hence interrupted.
7. A total of 38 EA's in West Wellega, 34 EA's in Kellem Wellega, 24 EA's in Kamashi and 27 EA's in Shaka zones were selected. However, due to security problems, only 11 EA's in West Wellega, 7 EA's in Kellem Wellega, 12 EA's in Kamashi and 9 EA in Shaka zones were covered. Due to high non-response rate estimates were done with adjustments in these zones and we advise data users to use the estimates cautiously for these areas.

PART III

SUMMARY OF SURVEY RESULTS

3.1. INTRODUCTION

Largely, 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 nine groups for simplicity of description and comparison purposes. The groups are cereals, pulses, oilseeds, vegetables, root crops, fruit crops, stimulant crops, sugar cane and enset. Stimulant crops consist of chat, coffee and hops.

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

3.2 Major Findings of the Year 2020/21 (2013 E.C.) Post-Harvest Crop Production Survey, Meher Season

The results of the year 2020/21 (2013 E.C.), Meher Season Post-harvest Crop Production Survey has been summarized and presented in this report, and quantitative information with regard to farm management practice, land use and uutilization of crop and livestock products will be made available at national, regional and zonal reporting levels, consecutively, following this report. This report, however, presents quantitative information on cropped land area and production of both temporary and permanent crops at Country, Regional and Zonal reporting levels.

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

3.2.1 Grain Crops

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

The results of the year 2020/21 (2013 E.C.), Meher Season Post-harvest Crop Production Survey indicate that a total cropland area of about 12,979,459.91 hectares are covered by grain crops i.e. cereals, pulses and oilseeds, from which a total volume of about 341,828,693.39 quintals of grains are obtained, from private peasant holdings (See Table 1 below).

Table 1. Total Area and Production of Grain Crops for Private peasant holdings, 2020/21 (2013 E.C.), Meher Season

Crop Category	Total Area in Hectares	%	Total Production in Quintals	%
Cereals.....	10,538,341.91	81.19	302,054,260.58	88.36
Pulses.....	1,674,950.34	12.90	31,999,988.65	9.36
Oil Seeds …….	766,167.66	5.90	7,774,444.17	2.27
Grain Crops ……	**12,979,459.91**	**100.00**	**341,828,693.39**	**100.00**

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

Out of the total grain crop area, 81.19% (10,538,341.91) hectares) was under cereals. Teff, maize, sorghum and wheat took up 22.56% (about 2,928,206.26 hectares), 19.46% (about 2,526,212.36 hectares), 12.94% (1,679,277.06 hectares) and 14.62% (1,897,405.05 hectares) of the grain crop area, respectively. As to production, the tables paint similar picture as that of the cropland area. Cereals contributed 88.36% (about 302,054,260.58 quintals) of the grain production. Maize, teff, wheat and sorghum made up 30.88% (105,570,935.92 quintals), 16.12% (55,099,615.14 quintals), 16.91% (57,801,305.96 quintals) and 13.22% (45,173,502.18 quintals) of the grain production, in the same order.

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

Pulses grown in 2020/21 (2013 E.C.) covered 12.90% (1,674,950.34 hectares) of the grain crop area and 9.36% (about 31,999,988.65 quintals) of the grain production was drawn from the same crop groups. Faba beans, haricot beans (white), haricot beans (red), chick peas (red), chick peas (white) and field pea were planted to 3.89% (about 504,569.99 hectares), 0.80% (about 103,288.55 hectares), 1.60% (about 208,295.03 hectares), 1.37% (about 177,546.76 hectares) ,0.33% (about 43,172.44) and 1.69% (about 219,927.59 hectares) of the grain crop area. The production obtained from faba beans, haricot beans (white) haricot beans (red), chick

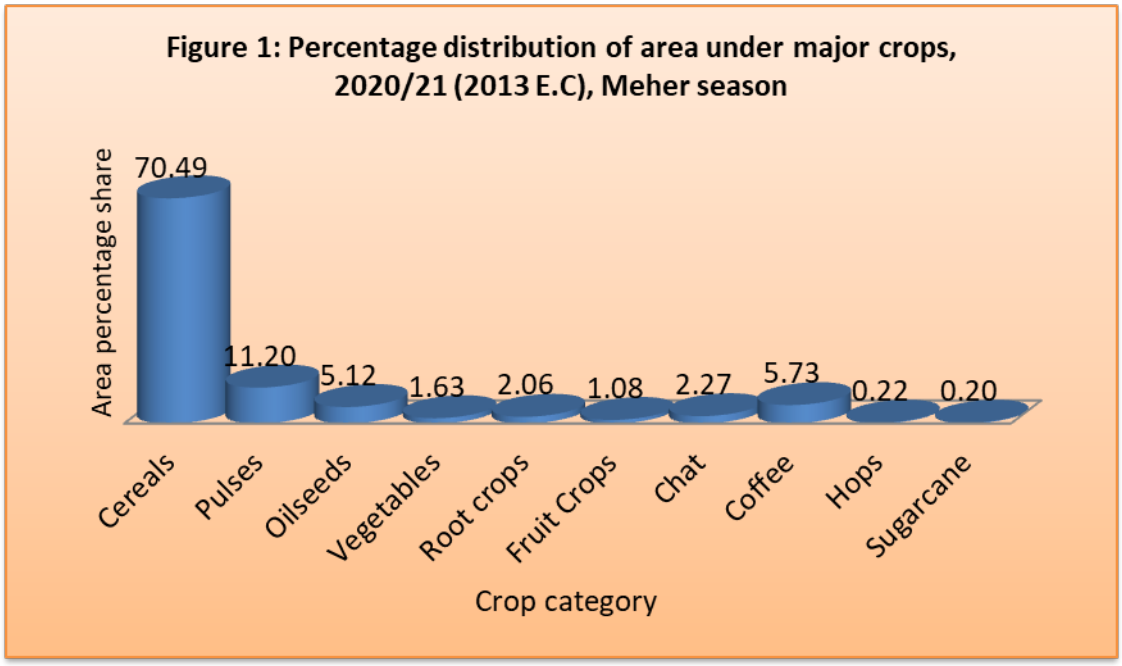
peas (red), chick peas (white) and field peas was 3.13% (about 10,706,365.38 quintals), 0.54% (about 1,855,340.69 quintals), 1.07% (3,670,300.05 quintals), 1.09% (3,740,361.89 quintals), 0.24% (832,831.81) and 1.10 (3,762368.83 quintals) of the grain production, in that order.

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

Oil seeds added 5.90% (about 766,167.66 hectares) of the grain crop area and 2.27**%** (about 7,774,444.17 quintals) of the production to the national grain total. Neug, sesame and linseed covered 1.48% (about 191,766.00 hectares), 2.85% (about 369,897.32 hectares) and 0.61% (about 78,921.37 hectares) of the grain crop area and 0.63% (about 2,147,979.02 quintals), 0.76% (about 2,602,576.33 quintals) and 0.24% (about 804,566.42 quintals) of the grain production, respectively.

3.2.2 Vegetables

Vegetables - holders living near to urban centres usually practice vegetable farming. But now days vegetables are commonly practiced by the rural private peasant holders even in remote areas. Figure 1 shows the proportion of area covered by vegetables crops under small peasant holders. Vegetables took up about 1.62% of the area under all crops at national level. However, of the total estimated area under vegetables, the lion share which is about 69.12% and 18.26% was under red peppers and Ethiopian Cabbage, respectively (See Statistical Table 2). Production of vegetables contribute 2.04% of the total crops production, conversely, of the total production of vegetables, the above mentioned crops have the lions share, i.e. about 32.64% and 47.75%, in that order.



3.2.3 Root Crops

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 importance prompt the peasant holders to grow many of the root crops as shown in the survey results. Table 2 substantiates this point in more details.

3.2.4 Fruit Crops

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

About 161,470.82 hectares of land is under fruit crops out of the total cropland area under small peasant holders. Bananas contributed about 59.43% of the fruit cropland area followed by avocadoes that contributed 18.94% of the area. More than 14,192,409.18 quintals of fruits was produced in the country. Bananas, Mangoes, Avocados, Papayas, and Oranges took up 63.30, 10.66%, 17.29%, 5.07% and 2.81% of the fruit production, respectively, as shown in Table 2.

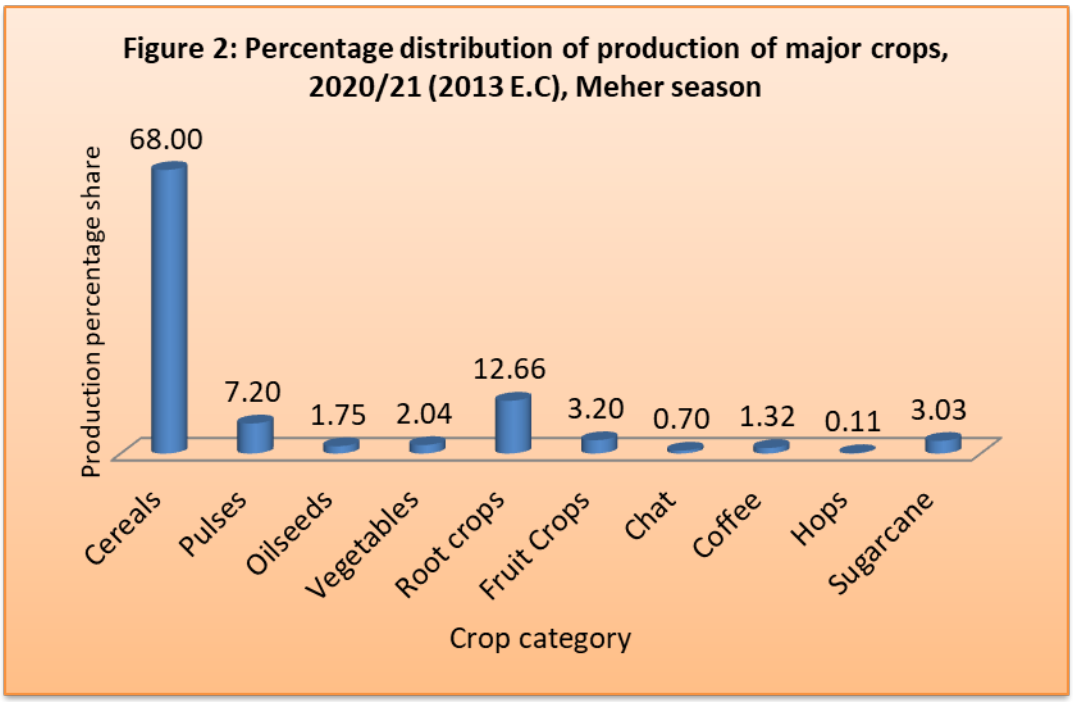
Table 2 - Estimate of Area, Production and Yield of Crops for 2019/20 (2012 E.C) and 2020/21 (2013 E.C), Meher Season

Ethiopia

Crop	Area in Hectares			Production in Quintals			Yield (Qt//Hac)		
	2019/20	2020/21	% Change	2019/20	2020/21	% Change	2019/20	2020/21	% Change
Grain Crops. . …..	**12,858,637.75**	**12,979,459.91**	**0.94**	**335,103,036.54**	**341,828,693.39**	**2.01**			
Cereals.....	**10,474,336.19**	**10,538,341.91**	**0.61**	**296,630,122.38**	**302,054,260.58**	**1.83**			
Teff.....	3,101,166.56	2,928,206.26	-5.58	57,357,101.87	55,099,615.14	-3.94	18.50	18.82	1.71
Barley.....	950,738.95	926,106.90	-2.59	23,780,049.70	23,391,098.80	-1.64	25.01	25.26	0.99
Wheat.....	1,789,305.87	1,897,405.05	6.04	53,152,703.28	57,801,305.96	8.75	29.71	30.46	2.54
Maize.....	2,271,442.47	2,526,212.36	11.22	96,283,366.23	105,570,935.92	9.65	42.39	41.79	-1.41
Sorghum.....	1,827,244.34	1,679,277.06	-8.10	52,633,478.01	45,173,502.18	-14.17	28.80	26.90	-6.60
Finger millet.....	455,580.47	480,343.25	5.44	11,259,578.67	12,030,164.02	6.84	24.71	25.04	1.36
Oats/'Aja'.....	21,281.80	15,502.18	-27.16	457,543.61	305,403.43	-33.25	21.50	19.70	-8.37
Rice.....	57,575.72	85,288.87	48.13	1,706,301.01	2,682,235.14	57.20	29.64	31.45	6.10
Pulses.....	**1,563,519.43**	**1,674,950.34**	**7.13**	**30,051,568.79**	**31,999,988.65**	**6.48**			
Faba beans.....	466,697.26	504,569.99	8.12	10,067,518.28	10,706,365.38	6.35	21.57	21.22	-1.63
Field peas.....	223,657.13	219,927.59	-1.67	3,905,635.50	3,762,368.83	-3.67	17.46	17.11	-2.02
White Haricot beans	94,630.09	103,288.55	9.15	1,727,398.53	1,855,340.69	7.41	18.25	17.96	-1.57
Red Haricot beans.	186,204.90	208,295.03	11.86	3,127,654.57	3,670,300.05	17.35	16.80	17.62	4.88
Red Chick-pea.....	177,160.69	177,546.76	0.22	3,747,504.22	3,740,361.89	-0.19	21.15	21.07	-0.39
White Chick-pea.....	31,677.22	43,172.44	36.29	604,427.92	832,831.81	37.79	19.08	19.29	1.10
Lentils.....	87,443.89	84,511.63	-3.35	1,193,288.93	1,130,178.82	-5.29	13.65	13.37	-2.03
Grass peas.....	145,537.45	143,893.57	-1.13	3,126,795.03	2,899,174.75	-7.28	21.48	20.15	-6.20
Soya beans.....	54,543.26	83,797.17	53.63	1,256,232.03	2,086,763.89	66.11	23.03	24.90	8.13
Fenugreek.....	27,595.21	42,344.28	53.45	376,728.73	507,472.35	34.70	13.65	11.98	-12.20
Mung bean/"Masho"	49,123.52	48,022.34	-2.24	557,928.53	515,686.55	-7.57	11.36	10.74	-5.47
Gibto.....	19,248.83	15,580.99	-19.05	360,456.53	293,143.63	-18.67	18.73	18.81	0.45
Oilseeds.....	**820,782.12**	**766,167.66**	**-6.65**	**8,421,345.36**	**7,774,444.17**	**-7.68**			
Neug.....	257,982.67	191,766.00	-25.67	2,916,368.54	2,147,979.02	-26.35	11.30	11.20	-0.88
Linseed.....	69,149.87	78,921.37	14.13	796,948.86	804,566.42	0.96	11.52	10.19	-11.51
Groundnuts.....	87,923.63	113,514.95	29.11	1,565,316.64	2,050,686.50	31.01	17.80	18.07	1.49
Sunflower.....	7,560.56	4,150.55	-45.10	95,707.49	42,878.01	-55.20	12.66	10.33	-18.40
Sesame.....	375,119.88	369,897.32	-1.39	2,626,541.89	2,602,576.33	-0.91	7.00	7.04	0.51
Rapeseed.....	23,045.52	7,917.47	-65.64	420,461.93	125,757.89	-70.09	18.24	15.88	-12.92
Vegetables.....	**238,505.79**	**243,568.75**	**2.12**	**8,761,390.18**	**9,067,870.78**	**3.50**			
Lettuce.....	323.38	1,236.32	282.31	3,829.86	5,538.01	44.60	11.84	4.48	-62.17
Head Cabbage.....	3,629.92	6,649.67	83.19	245,650.47	561,042.34	128.39	67.67	84.37	24.68
Ethiopian Cabbage	42,487.07	44,464.46	4.65	4,358,626.13	4,330,244.89	-0.65	102.59	97.39	-5.07
Tomatoes.....	5,978.22	6,433.73	7.62	344,008.98	419,482.70	21.94	57.54	65.20	13.31
Green peppers.....	11,397.98	14,690.91	28.89	671,497.51	740,077.22	10.21	58.91	50.38	-14.49
Red peppers.....	174,462.43	168,345.57	-3.51	3,131,154.28	2,959,805.08	-5.47	17.95	17.58	-2.05
Swiss chard.....	226.80	1,748.09	670.76	6,622.94	51,680.54	680.33	29.20	29.56	1.25
Root Crops.....	**248,223.82**	**307,295.80**	**23.80**	**46,380,932.79**	**56,216,815.32**	**21.21**			
Beetroot.....	3,201.57	3,149.13	-1.64	272,321.33	266,274.75	-2.22	85.06	84.56	-0.59
Carrot.....	4,073.63	3,717.22	-8.75	182,254.14	196,487.07	7.81	44.74	52.86	18.15
Onion.....	36,276.17	38,952.58	7.38	2,576,661.90	3,460,480.88	34.30	71.03	88.84	25.07
Potatoes.....	70,362.22	85,988.43	22.21	9,245,283.61	11,418,717.25	23.51	131.40	132.79	1.06
Yam/'Boye'.....	5,323.14	4,874.13	-8.44	492,273.07	457,300.94	-7.10	92.48	93.82	1.45
Garlic.....	18,344.46	15,979.54	-12.89	1,525,946.34	1,149,446.97	-24.67	83.18	71.93	-13.52
Taro/'Godere'.....	58,252.67	92,518.21	58.82	14,527,644.92	23,279,722.57	60.24	249.39	251.62	0.90
Sweet potatoes.....	52,389.95	62,116.56	18.57	17,558,547.48	15,988,384.91	-8.94	335.15	257.39	-23.20
Fruit Crops..... .	**115,533.76**	**161,470.82**	**39.76**	**8,347,071.22**	**14,192,409.18**	70.03			
Avocados.....	20,875.80	30,587.74	46.52	1,044,919.23	2,453,356.28	134.79	50.05	80.21	60.25
Bananas.....	66,839.72	95,954.13	43.56	5,389,816.32	8,983,548.19	66.68	80.64	93.62	16.10
Guavas.....	2,343.22	1,677.02	-28.43	35,678.34	35,552.97	-0.35	15.23	21.20	39.20
Lemons.....	1,409.64	1,387.23	-1.59	79,514.18	61,815.45	-22.26	56.41	44.56	-21.01
Mangoes.....	16,340.92	20,783.10	27.18	1,051,660.85	1,513,312.40	43.90	64.36	72.81	13.14
Oranges.....	3,616.27	5,080.00	40.48	216,072.07	399,156.83	84.73	59.75	78.57	31.50
Papayas.....	3,627.28	5,096.09	40.49	517,771.40	720,077.68	39.07	142.74	141.30	-1.01
Pineapples.....	480.91	905.53	88.30	11,638.82	25,589.40	119.86	24.20	28.26	16.77
Chat.....	279,586.61	339,536.59	21.44	2,619,829.46	3,113,999.39	18.86	9.37	9.17	-2.12
Coffee.....	756,852.55	856,591.99	13.18	4,825,605.71	5,847,895.69	21.18	6.38	6.83	7.01
Hops.....	34,489.09	33,369.96	-3.24	419,345.98	473,226.63	12.85	12.16	14.18	16.62
Sugar Cane.....	32,056.74	29,519.88	-7.91	14,991,344.23	13,454,310.89	-10.25	467.65	455.77	-2.54

3.2.5 Stimulant Crops

Stimulant crops – Farmers engaged in growing and producing stimulant crops such as coffee and Chat are greater in number than those growing fruits. The area and production of these crops are also larger than that of fruits since they earn a considerable amount of cash for the holders. Table 2 shows Chat and Coffee shared 2.26% and 5.69% of the area under all crops under small peasant holders in the country and 3,113,999.39 and 5,847,895.69 quintals of produce was obtained from these crops in the same agricultural year respectively.



3.2.6 Sugar Cane

Sugar Cane - is grown in small areas in some parts of the country within the private peasant holdings since in most case sugar cane plantation is practised by medium and large scale commercial farms. About 29,519.88 hectares of land was under sugar cane from small private peasant holdings category in the country, yielding an estimated total of 13,454,310.89 quintals of produce by the peasant holders. But the production under small holders is not usually used for industrial purposes. It is noticeably used up in household consumption.

3.2.7 Enset

Enset - is grown in south-western part of the country and covers considerable land area within the private holdings. The number of Enset trees to be harvested, in the current agricultural year, from all over the country is estimated to be 206,659,076. Thus, the total production in the form of Amicho, Kocho, and Bula is 57,189,207.53 quinals, 63,445,734.58 quintals and 1,850,753.10 quintals respectively (see Table 4).

3.3 Comparison of the current year 2020/21 (2013 E.C.) Post-Harvest Crop yield with the year 2019/20 (2012 E.C) Estimates

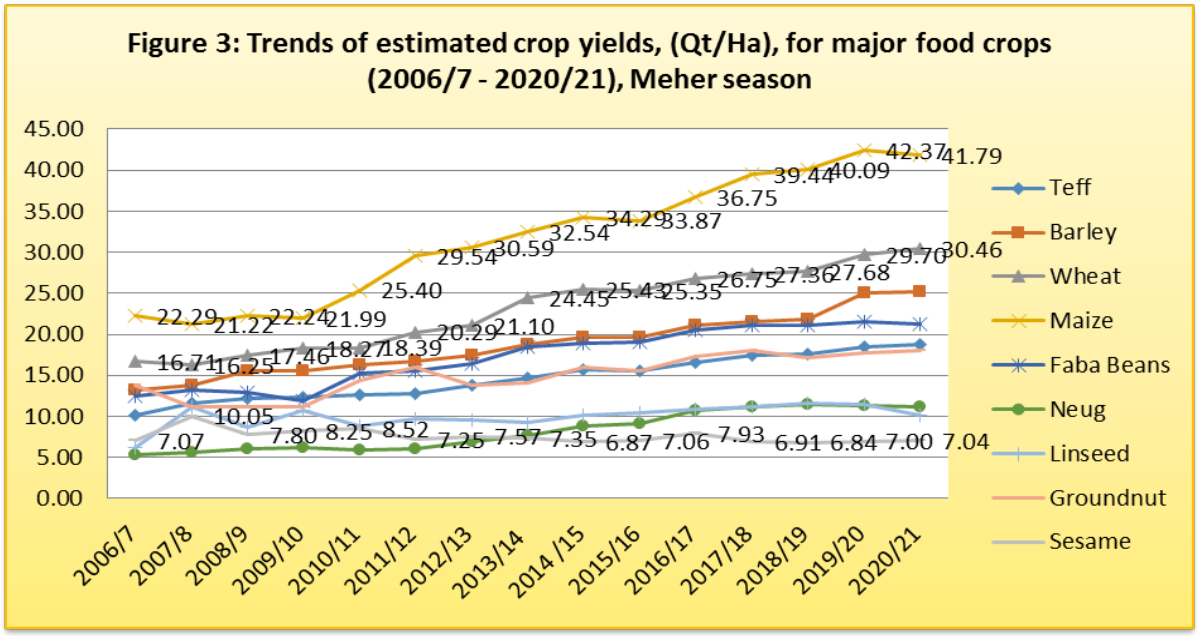
In this section of the report an attempt has been made to compare the post-harvest crop productivity estimates of selected important food crops obtained from the 2020/21 (2013 E.C.) Agricultural Sample Survey with last year i.e. 2019/20 (2012 E.C) crop yield estimates of the same crops.

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

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

Since the rain fall was normal and adequate in the current crop-growing season, the 2020/21 (2013 E.C.) main season crop production has shown significant increament both in the estimated cropped land area and volume of grain crops production. As indicated in Table 3, the 2020/21 (2013 E.C.) estimated cropped area and volume of production have increased by about 0.94 % and 2.01% over last year 2019/20 (2012 E.C) post harvest estimate.

Conversely, with regard to estimated crop yield, crops such as millet, teff, and wheat within the category of cereals have shown an increment, that ranges from 1.36 Qt/Ha to 23.98 Qt/Ha for Millet; from 1.71 Qt/Ha to 20.62 Qt/Ha for Teff; and from 2.54 to 20.17 Qt/Ha for Wheat over the last five years (2015/16 - 2019/20) Post-harvest estimates. Similarly crops such as Red-haricot beans and Soya beans have shown an increment that ranges from 4.88 to 13.03 Qt/Ha for Red-haricot beans and from 8.13 to 16.97 Qt/Ha for Soya beans over the last five years (2015/16 - 2019/20) estimates. (See Figure 3).



Following the same pattern, the results of the 2020/21 (2013 E.C.), post-harvest agricultural sample survey, indicates that both the largest grain cropped land area and the highest volume of production obtained in the current Meher season is reported for Oromia, Amhara and S.N.N.P Regional states.

Table 3 - Estimate of Area and Production of Major Grain Crops for 2019/20 and 2020/21, Meher Season – Small holders

Region	Area in Hectares			Production in Quintals		
	2019/20	2020/21	% change	2019/20	2020/21	% Change
Tigray	945,666.48	945,666.48	0.00	20,268,653.53	20,268,653.53	0.00
Afar	10,057.55	8,744.34	-13.06	204,880.04	73,610.41	-64.07
Amhara	4,505,483.23	4,532,477.24	0.60	108,763,528.47	110,933,104.59	1.99
Oromia	5,860,125.82	5,944,489.15	1.44	165,975,877.04	169,614,568.12	2.19
Somali	102,319.49	103,923.16	1.57	1,697,650.02	1,898,230.72	11.82
Ben. Gumuz	256,837.87	255,589.87	-0.49	6,554,518.62	7,097,770.88	8.29
S.N.N.P.	1,068,891.16	1,077,135.33	0.77	28,609,874.86	28,926,133.22	1.11
Gambella	5,640.01	8,565.02	51.86	130,907.59	164,675.98	25.80
Harari	11,833.10	11,485.61	-2.94	241,180.33	219,535.50	-8.97
Dire dawa	12,354.06	11,882.22	-3.82	244,707.82	122,696.65	-49.86
Sidama	79,428.97	79,501.49	0.09	2,411,258.21	2,509,846.42	4.09
All regions	**12,858,637.75**	**12,979,459.91**	**0.94**	**335,103,036.54**	**341,828,693.39**	**2.01**

Accordingly, the total grain cropped land area reported for Oromia, Amhara and S.N.N.P regions have increased by about 1.44%, 0.60% and 0.77% over last year 2019/20 post harvest estimates respectivey, where as the total grain cropped area reported for Afar Region have decreased by about 13.06% over last year 2019/20 post harvest estimate. Following the same pattern the current year harvested volume of production reported for the above mentioned regions, Oromia, Amhara and S.N.N.P. regions have increased by about 2.19%, 1.99% and

1.11% over last year's 2019/20 (2012 E.C) post harvest estimate of the regions, in that order (For details see Table .3)

National, Regional and Zonal Statistical tables

Table 4 - Estimate of Area, Production and Yield of Crops for 2019/20 (2012 E.C) and 2020/21 (2013 E.C), Meher Season

Ethiopia

Crop	Area in Hectares			Production in Quintals			Yield (Qt//Hac)		
	2019/20	2020/21	% Change	2019/20	2020/21	% Change	2019/20	2020/21	% Change
Grain Crops. . …..	**12,858,637.75**	**12,979,459.91**	**0.94**	**335,103,036.54**	**341,828,693.39**	**2.01**			
Cereals.....	**10,474,336.19**	**10,538,341.91**	**0.61**	**296,630,122.38**	**302,054,260.58**	**1.83**			
Teff.....	3,101,166.56	2,928,206.26	-5.58	57,357,101.87	55,099,615.14	-3.94	18.50	18.82	1.71
Barley.....	950,738.95	926,106.90	-2.59	23,780,049.70	23,391,098.80	-1.64	25.01	25.26	0.99
Wheat.....	1,789,305.87	1,897,405.05	6.04	53,152,703.28	57,801,305.96	8.75	29.71	30.46	2.54
Maize.....	2,271,442.47	2,526,212.36	11.22	96,283,366.23	105,570,935.92	9.65	42.39	41.79	-1.41
Sorghum.....	1,827,244.34	1,679,277.06	-8.10	52,633,478.01	45,173,502.18	-14.17	28.80	26.90	-6.60
Finger millet.....	455,580.47	480,343.25	5.44	11,259,578.67	12,030,164.02	6.84	24.71	25.04	1.36
Oats/'Aja'.....	21,281.80	15,502.18	-27.16	457,543.61	305,403.43	-33.25	21.50	19.70	-8.37
Rice.....	57,575.72	85,288.87	48.13	1,706,301.01	2,682,235.14	57.20	29.64	31.45	6.10
Pulses.....	**1,563,519.43**	**1,674,950.34**	**7.13**	**30,051,568.79**	**31,999,988.65**	**6.48**			
Faba beans.....	466,697.26	504,569.99	8.12	10,067,518.28	10,706,365.38	6.35	21.57	21.22	-1.63
Field peas.....	223,657.13	219,927.59	-1.67	3,905,635.50	3,762,368.83	-3.67	17.46	17.11	-2.02
White Haricot beans	94,630.09	103,288.55	9.15	1,727,398.53	1,855,340.69	7.41	18.25	17.96	-1.57
Red Haricot beans.	186,204.90	208,295.03	11.86	3,127,654.57	3,670,300.05	17.35	16.80	17.62	4.88
Red Chick-pea.....	177,160.69	177,546.76	0.22	3,747,504.22	3,740,361.89	-0.19	21.15	21.07	-0.39
White Chick-pea.....	31,677.22	43,172.44	36.29	604,427.92	832,831.81	37.79	19.08	19.29	1.10
Lentils.....	87,443.89	84,511.63	-3.35	1,193,288.93	1,130,178.82	-5.29	13.65	13.37	-2.03
Grass peas.....	145,537.45	143,893.57	-1.13	3,126,795.03	2,899,174.75	-7.28	21.48	20.15	-6.20
Soya beans.....	54,543.26	83,797.17	53.63	1,256,232.03	2,086,763.89	66.11	23.03	24.90	8.13
Fenugreek.....	27,595.21	42,344.28	53.45	376,728.73	507,472.35	34.70	13.65	11.98	-12.20
Mung bean/"Masho"	49,123.52	48,022.34	-2.24	557,928.53	515,686.55	-7.57	11.36	10.74	-5.47
Gibto.....	19,248.83	15,580.99	-19.05	360,456.53	293,143.63	-18.67	18.73	18.81	0.45
Oilseeds.....	**820,782.12**	**766,167.66**	**-6.65**	**8,421,345.36**	**7,774,444.17**	**-7.68**			
Neug.....	257,982.67	191,766.00	-25.67	2,916,368.54	2,147,979.02	-26.35	11.30	11.20	-0.88
Linseed.....	69,149.87	78,921.37	14.13	796,948.86	804,566.42	0.96	11.52	10.19	-11.51
Groundnuts.....	87,923.63	113,514.95	29.11	1,565,316.64	2,050,686.50	31.01	17.80	18.07	1.49
Sunflower.....	7,560.56	4,150.55	-45.10	95,707.49	42,878.01	-55.20	12.66	10.33	-18.40
Sesame.....	375,119.88	369,897.32	-1.39	2,626,541.89	2,602,576.33	-0.91	7.00	7.04	0.51
Rapeseed.....	23,045.52	7,917.47	-65.64	420,461.93	125,757.89	-70.09	18.24	15.88	-12.92
Vegetables.....	**238,505.79**	**243,568.75**	**2.12**	**8,761,390.18**	**9,067,870.78**	**3.50**			
Lettuce.....	323.38	1,236.32	282.31	3,829.86	5,538.01	44.60	11.84	4.48	-62.17
Head Cabbage.....	3,629.92	6,649.67	83.19	245,650.47	561,042.34	128.39	67.67	84.37	24.68
Ethiopian Cabbage	42,487.07	44,464.46	4.65	4,358,626.13	4,330,244.89	-0.65	102.59	97.39	-5.07
Tomatoes.....	5,978.22	6,433.73	7.62	344,008.98	419,482.70	21.94	57.54	65.20	13.31
Green peppers.....	11,397.98	14,690.91	28.89	671,497.51	740,077.22	10.21	58.91	50.38	-14.49
Red peppers.....	174,462.43	168,345.57	-3.51	3,131,154.28	2,959,805.08	-5.47	17.95	17.58	-2.05
Swiss chard.....	226.80	1,748.09	670.76	6,622.94	51,680.54	680.33	29.20	29.56	1.25
Root Crops.....	**248,223.82**	**307,295.80**	**23.80**	**46,380,932.79**	**56,216,815.32**	**21.21**			
Beetroot.....	3,201.57	3,149.13	-1.64	272,321.33	266,274.75	-2.22	85.06	84.56	-0.59
Carrot.....	4,073.63	3,717.22	-8.75	182,254.14	196,487.07	7.81	44.74	52.86	18.15
Onion.....	36,276.17	38,952.58	7.38	2,576,661.90	3,460,480.88	34.30	71.03	88.84	25.07
Potatoes.....	70,362.22	85,988.43	22.21	9,245,283.61	11,418,717.25	23.51	131.40	132.79	1.06
Yam/'Boye'.....	5,323.14	4,874.13	-8.44	492,273.07	457,300.94	-7.10	92.48	93.82	1.45
Garlic.....	18,344.46	15,979.54	-12.89	1,525,946.34	1,149,446.97	-24.67	83.18	71.93	-13.52
Taro/'Godere'.....	58,252.67	92,518.21	58.82	14,527,644.92	23,279,722.57	60.24	249.39	251.62	0.90
Sweet potatoes.....	52,389.95	62,116.56	18.57	17,558,547.48	15,988,384.91	-8.94	335.15	257.39	-23.20
Fruit Crops..... .	**115,533.76**	**161,470.82**	**39.76**	**8,347,071.22**	**14,192,409.18**	70.03			
Avocados.....	20,875.80	30,587.74	46.52	1,044,919.23	2,453,356.28	134.79	50.05	80.21	60.25
Bananas.....	66,839.72	95,954.13	43.56	5,389,816.32	8,983,548.19	66.68	80.64	93.62	16.10
Guavas.....	2,343.22	1,677.02	-28.43	35,678.34	35,552.97	-0.35	15.23	21.20	39.20
Lemons.....	1,409.64	1,387.23	-1.59	79,514.18	61,815.45	-22.26	56.41	44.56	-21.01
Mangoes.....	16,340.92	20,783.10	27.18	1,051,660.85	1,513,312.40	43.90	64.36	72.81	13.14
Oranges.....	3,616.27	5,080.00	40.48	216,072.07	399,156.83	84.73	59.75	78.57	31.50
Papayas.....	3,627.28	5,096.09	40.49	517,771.40	720,077.68	39.07	142.74	141.30	-1.01
Pineapples.....	480.91	905.53	88.30	11,638.82	25,589.40	119.86	24.20	28.26	16.77
Chat.....	279,586.61	339,536.59	21.44	2,619,829.46	3,113,999.39	18.86	9.37	9.17	-2.12
Coffee.....	756,852.55	856,591.99	13.18	4,825,605.71	5,847,895.69	21.18	6.38	6.83	7.01
Hops.....	34,489.09	33,369.96	-3.24	419,345.98	473,226.63	12.85	12.16	14.18	16.62
Sugar Cane.....	32,056.74	29,519.88	-7.91	14,991,344.23	13,454,310.89	-10.25	467.65	455.77	-2.54

Table 4: Area, Production and Yield of Crops For Private Peasant Holdings For Meher Season 2020/21 (2013 E.C)

Ethiopia

Crop	Number of Holders	Area (In Hac)	% Distribution	Production (In Qts)	% Distribution	Yield (Qt/Hac)
Grain Crops. . ……..	16,981,005.00	**12,979,459.91**	100.00	**341,828,693.39**	100.00	
Cereals.....	15,738,283.00	**10,538,341.91**	81.19	**302,054,260.58**	88.36	
Teff.....	6,866,855.00	2,928,206.26	22.56	55,099,615.14	16.12	18.82
Barley.....….	3,738,220.00	926,106.90	7.14	23,391,098.80	6.84	25.26
Wheat.....	4,579,491.00	1,897,405.05	14.62	57,801,305.96	16.91	30.46
Maize.....	10,189,355.00	2,526,212.36	19.46	105,570,935.92	30.88	41.79
Sorghum.....	4,323,086.00	1,679,277.06	12.94	45,173,502.18	13.22	26.90
Finger millet.....……	1,543,339.00	480,343.25	3.70	12,030,164.02	3.52	25.04
Oats/'Aja'.....	169,333.00	15,502.18	0.12	305,403.43	0.09	19.70
Rice.....	230,496.00	85,288.87	0.66	2,682,235.14	0.78	31.45
Pulses.....	8,486,068.00	**1,674,950.34**	12.90	**31,999,988.65**	9.36	
Faba beans.....	4,159,404.00	504,569.99	3.89	10,706,365.38	3.13	21.22
Field peas.....	1,599,356.00	219,927.59	1.69	3,762,368.83	1.10	17.11
White Haricot beans	852,755.00	103,288.55	0.80	1,855,340.69	0.54	17.96
Red Haricot beans…..	2,145,991.00	208,295.03	1.60	3,670,300.05	1.07	17.62
Red Chick-peas.....	751,208.00	177,546.76	1.37	3,740,361.89	1.09	21.07
White Chick-peas.....	184,099.00	43,172.44	0.33	832,831.81	0.24	19.29
Lentils.....	374,545.00	84,511.63	0.65	1,130,178.82	0.33	13.37
Grass peas.....	730,746.00	143,893.57	1.11	2,899,174.75	0.85	20.15
Soya beans.....	177,940.00	83,797.17	0.65	2,086,763.89	0.61	24.90
Fenugreek.....	419,222.00	42,344.28	0.33	507,472.35	0.15	11.98
Mung bean/"Masho"..	190,029.00	48,022.34	0.37	515,686.55	0.15	10.74
Gibto..... …….	86,337.00	15,580.99	0.12	293,143.63	0.09	18.81
Oilseeds.....	2,298,053.00	**766,167.66**	5.90	**7,774,444.17**	2.27	
Neug.....	646,565.00	191,766.00	1.48	2,147,979.02	0.63	11.20
Linseed.....	606,911.00	78,921.37	0.61	804,566.42	0.24	10.19
Groundnuts.....	495,855.00	113,514.95	0.87	2,050,686.50	0.60	18.07
Sunflower.....	118,123.00	4,150.55	0.03	42,878.01	0.01	10.33
Sesame..... …	309,622.00	369,897.32	2.85	2,602,576.33	0.76	7.04
Rapeseed.....	423,273.00	7,917.47	0.06	125,757.89	0.04	15.88
Vegetables.....…..	7,079,333.00	**243,568.75**	100.00	**9,067,870.78**	100.00	
Lettuce.....	49,429.00	1,236.32	0.51	5,538.01	0.06	4.48
Head Cabbage.....	455,847.00	6,649.67	2.73	561,042.34	6.19	84.37
Ethiopian Cabbage….	4,468,675.00	44,464.46	18.26	4,330,244.89	47.75	97.39
Tomatoes.....	211,545.00	6,433.73	2.64	419,482.70	4.63	65.20
Green peppers.....	1,219,649.00	14,690.91	6.03	740,077.22	8.16	50.38
Red peppers.....	1,936,607.00	168,345.57	69.12	2,959,805.08	32.64	17.58
Swiss chard.....	116,059.00	1,748.09	0.72	51,680.54	0.57	29.56
Root Crops.....	6,872,983.00	**307,295.80**	100.00	**56,216,815.32**	100.00	
Beetroot..... ..	453,652.00	3,149.13	1.02	266,274.75	0.47	84.56
Carrot..... …...	228,565.00	3,717.22	1.21	196,487.07	0.35	52.86
Onion.....	702,181.00	38,952.58	12.68	3,460,480.88	6.16	88.84
Potatoes..... …..	1,038,881.00	85,988.43	27.98	11,418,717.25	20.31	132.79
Yam/'Boye'.....	348,725.00	4,874.13	1.59	457,300.94	0.81	93.82
Garlic..... …..	1,328,146.00	15,979.54	5.20	1,149,446.97	2.04	71.93
Taro/'Godere'.....	2,830,659.00	92,518.21	30.11	23,279,722.57	41.41	251.62
Sweet potatoes.....	2,171,800.00	62,116.56	20.21	15,988,384.91	28.44	257.39
Fruit Crops.....	6,966,046.00	**161,470.82**	**100.00**	**14,192,409.18**	100.00	
Avocados.....	3,100,257.00	30,587.74	18.94	2,453,356.28	17.29	80.21
Bananas.....	4,729,439.00	95,954.13	59.43	8,983,548.19	63.30	93.62
Guavas.....	315,683.00	1,677.02	1.04	35,552.97	0.25	21.20
Lemons..... ..	271,865.00	1,387.23	0.86	61,815.45	0.44	44.56
Mangoes.....	2,071,934.00	20,783.10	12.87	1,513,312.40	10.66	72.81
Oranges..... ..	657,612.00	5,080.00	3.15	399,156.83	2.81	78.57
Papayas.....	921,066.00	5,096.09	3.16	720,077.68	5.07	141.30
Pineapples.....	69,894.00	905.53	0.56	25,589.40	0.18	28.26
Chat.....	4,106,396.00	339,536.59		3,113,999.39		9.17
Coffee.....	7,740,654.00	856,591.99		5,847,895.69		6.83
Hops.....	2,748,142.00	33,369.96		473,226.63		14.18
Sugar Cane.....	1,652,819.00	29,519.88		13,454,310.89		455.77

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	206,659,076	57,189,207.53	63,445,734.58	1,850,753.10	0.28	0.31	0.01

Remark: The 2013 EC sample survey did not coverd the tigray region but the last year estimate result used as a proxy in order to present this year national estimate.

Table 5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Tigray Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	1,248,256	945,666.48	20,268,653.53	
Cereals.....	1,237,775	779,519.59	18,605,281.20	
Teff.....	633,525	188,391.88	3,117,538.77	16.55
Barley.....	419,786	85,431.88	1,606,888.13	18.81
Wheat.....	386,778	102,258.28	2,239,071.83	21.9
Maize.....	835,782	80,151.64	2,464,653.94	30.75
Sorghum.....	558,917	232,636.49	7,008,560.77	30.13
Finger millet.....	369,685	90,199.73	2,157,256.16	23.92
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	405,006	46,577.13	702,158.49	
Faba beans.....	214,391	11,868.22	197,089.71	16.61
Field peas.....	94,466	7,740.65	112,917.16	14.59
White haricot beans..... .	33,903	3,516.37	56,653.35	16.11
Red Haricot beans.....	1,968	*	*	*
Red Chick-peas.....	35,361	7,556.02	117,976.77	15.61
White Chick-peas	*	*	*	*
Lentils.....	59,064	6,930.15	77,254.63	11.15
Grass peas.....	39,081	7,174.55	122,307.73	17.05
Soya beans.....	*	*	*	*
Fenugreek.....	13,199	603.54	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	216,195	119,569.76	961,213.84	
Neug.....	30,675	5,598.27	84,556.05	15.1
Linseed.....	48,592	4,138.12	42,761.47	10.33
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	145,151	108,291.46	811,042.98	7.49
Rape seed.....	*	*	*	*
Vegetables.....	255,556	3,964.72	126,946.30	
Lettuce.....	6,339	*	*	*
Head Cabbage.....	5,592	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	6,846	*	*	*
Green peppers.....	40,774	470.51	24,572.31	52.22
Red peppers.....	198,860	2,209.87	34,711.96	15.71
Swiss chard.....	7,066	*	-	-
Root Crops.....	72,185	2,095.70	134,148.09	
Beetroot.....	*	*	*	*
Carrot.....	5,678	*	*	*
Onion.....	24,990	1,305.67	83,055.58	63.61
Potatoes.....	10,133	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	34,909	309.18	20,494.76	66.29
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	56,072	937.31	19,927.49	
Avocados.....	2,658	*	*	*
Bananas.....	1,877	*	*	*
Guavas.....	14,728	210.17	3,788.17	18.02
Lemons.....	13,348	86.37	3,132.50	36.27
Mangoes.....	14,381	347.15	6,690.33	19.27
Oranges.....	*	*	*	*
Papayas.....	8,736	*	*	*
Pineapples.....	-	-	-	-
Chat.....	13,241	*	*	*
Coffee.....	8,665	*	*	*
Hops.....	164,985	1,858.15	83,394.20	44.88
Sugar Cane.....	*	*	*	*

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

Table 5.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

North -Western Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	274,376	228,300.68	5,727,865.07	
Cereals.....	273,955	201,696.35	5,457,838.46	
Teff.....	126,905	44,678.49	789,377.69	17.67
Barley.....	6,127	*	*	*
Wheat.....	-	-	-	-
Maize.....	241,713	31,550.93	1,104,500.52	35.01
Sorghum.....	135,079	70,155.01	2,106,508.91	30.03
Finger millet.....	152,888	54,491.31	1,438,677.41	26.4
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	48,847	5,073.60	85,852.09	
Faba beans.....	29,819	1,975.19	33,687.85	17.06
Field peas.....	8,457	536.64	8,590.08	16.01
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	52,768	21,530.72	184,174.52	
Neug.....	8,111	*	30,410.02	*
Linseed.....	9,476	1,074.72	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	39,657	18,457.21	140,552.79	7.62
Rape seed.....	-	-	-	-
Vegetables.....	125,538	1,330.04	22,415.29	
Lettuce.....	*	*	*	*
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	123,472	1,312.06	21,548.41	16.42
Swiss chard.....	*	*	-	-
Root Crops.....	3,752	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	13,636	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	3,989	*	*	*
Lemons.....	3,732	10.80	399.10	36.95
Mangoes.....	5,478	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	33,558	636.67	29,923.12	47
Sugar Cane.....	-	-	-	-

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

Table 5.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Central Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	350,817	193,753.79	4,041,051.11	
Cereals.....	349,164	178,996.42	3,843,150.39	
Teff.....	284,915	71,391.19	1,173,966.73	16.44
Barley.....	106,460	8,680.02	156,303.11	18.01
Wheat.....	62,213	7,097.77	154,950.83	21.83
Maize.....	278,473	29,527.63	832,898.91	28.21
Sorghum.....	184,078	43,169.58	1,187,697.73	27.51
Finger millet.....	124,969	19,130.22	337,333.09	17.63
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	125,583	9,602.86	151,178.61	
Faba beans.....	87,760	4,379.04	74,328.27	16.97
Field peas.....	19,670	1,328.44	20,073.08	15.11
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	8,604	*	*	*
Grass peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	39,042	5,154.52	*	
Neug.....	6,842	142.06	1,102.60	7.76
Linseed.....	16,403	1,190.48	11,562.94	9.71
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	20,150	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	59,724	598.98	26,134.41	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	32,192	*	*	*
Red peppers.....	21,869	186.74	2,893.94	15.5
Swiss chard.....	*	*	*	*
Root Crops.....	18,549	256.09	17,374.99	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	10,019	*	*	*
Potatoes.....	2,044	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	1,760	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	27,745	341.89	15,332.81	44.85
Sugar Cane.....	-	-	-	-

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

Table 5.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Eastern Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	167,341	89,541.24	1,800,246.35	
Cereals.....	165,246	80,298.64	1,660,275.93	
Teff.....	48,516	7,933.13	126,044.59	15.89
Barley.....	132,250	25,200.24	437,508.96	17.36
Wheat.....	138,317	31,969.99	730,799.49	22.86
Maize.....	84,037	4,569.85	115,160.20	25.20
Sorghum.....	32,393	5,945.21	166,437.72	28.00
Finger millet.....	27,119	4,622.82	83,217.09	18.00
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	89,614	8,622.63	133,954.90	
Faba beans.....	48,175	1,670.49	26,526.29	15.88
Field peas.....	32,262	2,037.66	28,729.35	14.10
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	4,385	720.37	11,816.04	16.40
White Chick-peas	-	-	-	-
Lentils.....	11,681	567.93	6,795.31	11.97
Grass peas.....	18,293	3,524.68	59,115.56	16.77
Soya beans.....	*	*	*	*
Fenugreek.....	1,807	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	10,516	619.97	6,015.51	
Neug.....	-	-	-	-
Linseed.....	7,901	595.10	5,816.06	9.77
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	12,158	413.62	*	
Lettuce.....	1,199	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	1,183	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	2,309	*	*	*
Root Crops.....	9,183	*	*	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	7,988	68.93	1,291.79	
Avocados.....	*	*	*	*
Bananas.....	-	-	-	-
Guavas.....	5,353	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	*	*
Oranges.....	1,929	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	1,581	*	*	*
Hops.....	42,832	240.37	9,773.74	40.66
Sugar Cane.....	*	*	*	*

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

Table 5.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Southern Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	191,933	125,545.61	2,525,631.82	
Cereals.....	189,274	110,150.38	2,311,627.25	
Teff.....	75,108	32,805.98	519,499.86	15.84
Barley.....	89,077	20,013.00	408,339.62	20.40
Wheat.....	102,265	27,570.45	570,116.53	20.68
Maize.....	62,456	3,675.38	82,394.24	22.42
Sorghum.....	56,428	24,974.24	715,498.69	28.65
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	78,704	14,694.75	207,880.57	
Faba beans.....	26,023	3,263.65	52,733.38	16.16
Field peas.....	23,613	2,860.40	41,658.49	14.56
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	17,355	4,166.68	62,958.74	15.11
White chick-peas	*	*	*	*
Lentils.....	19,603	3,016.59	*	*
Grass peas.....	3,418	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	2,975	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	9,677	*	6,124.00	
Neug.....	1,160	*	*	*
Linseed.....	5,990	345.86	3,416.09	9.88
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	6,244	291.71	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	2,752	13.14	587.64	44.72
Red peppers.....	1,855	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	17,997	1,057.78	58,973.95	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	6,664	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	8,233	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	5,019	116.78	*	
Avocados.....	*	*	*	*
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	1,811	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	16,484	252.77	10,160.52	40.20
Sugar Cane.....	*	*	*	*

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

Table 5.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Western Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. …	141,562	194,752.56	3,947,827.79	
Cereals.....	139,006	104,770.91	3,230,291.01	
Teff.....	25,007	7,525.24	131,932.53	17.53
Barley.....	10,892	*	*	*
Wheat.....	*	*	*	*
Maize.....	121,000	7,422.20	258,860.52	34.88
Sorghum.....	115,114	75,082.71	2,450,302.39	32.63
Finger millet.....	55,194	10,546.83	277,451.15	26.31
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	13,342	844.28	13,690.30	
Faba beans.....	6,390	325.60	5,787.44	17.77
Field peas.....	1,483	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	2,515	284.31	*	*
White chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	93,042	89,137.36	703,846.48	
Neug.....	14,562	3,253.59	51,176.58	15.73
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	82,003	85,867.34	652,503.61	7.6
Rape seed.....	*	*	*	*
Vegetables.....	47,764	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	2,858	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	45,639	464.81	7,616.67	16.39
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	9,794	259.82	4,830.54	
Avocados.....	*	*	*	*
Bananas.....	*	*	-	-
Guavas.....	1,369	*	*	*
Lemons.....	6,292	68.76	2,555.81	37.17
Mangoes.....	2,663	*	*	*
Oranges.....	*	*	*	*
Papayas.....	3,354	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	29,401	216.64	10,434.35	48.16
Sugar Cane.....	-	-	-	-

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

Table 5.6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

South-East Tigray

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	122,227	113,772.61	*	
Cereals.....	121,130	103,606.89	*	
Teff.....	73,074	24,057.85	*	*
Barley.....	74,981	28,334.00	*	*
Wheat.....	82,991	34,202.45	*	*
Maize.....	48,102	3,405.64	70,839.56	20.80
Sorghum.....	35,826	13,309.74	382,115.34	28.71
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	48,915	7,739.01	*	
Faba beans.....	16,225	254.25	4,026.49	15.84
Field peas.....	8,981	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	17,043	2,387.51	*	*
Grass peas.....	8,608	2,015.89	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	3,748	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	11,151	2,426.70	*	
Neug.....	-	-	-	-
Linseed.....	8,260	918.69	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	4,129	*	*	
Lettuce.....	964	*	*	*
Head Cabbage.....	1,143	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	1,221	*	*	*
Green peppers.....	1,126	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	8,473	211.37	13,498.60	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	2,870	133.09	9,540.84	71.69
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	4,896	24.62	1,577.80	64.09
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	2,086	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	743	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	14,966	169.80	7,769.66	45.76
Sugar Cane.....	-	-	-	-

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

Table 6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Afar Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	9,896.00	8,744.34	73,610.41	
Cereals.....	9,524.00	7,644.61	69,340.86	
Teff.....	2,257.00	*	*	*
Barley.....	*	*	-	-
Wheat.....	*	*	-	-
Maize.....	5,321.00	2,933.27	26,845.22	9.15
Sorghum.....	2,651.00	2,333.36	29,874.01	12.80
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	199.00	77.95	77.95	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	199.00	77.95	77.95	1.00
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	*	*	-	-
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	384.00	188.39	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	384.00	188.39	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 6.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Zone_1 (Awsi Resu)

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	*	*	*	
Cereals.....	*	*	*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	*	*
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 6.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Zone_2 (Kelbet Resu)

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	4,091.00	2,201.97	13,672.58	
Cereals.....	4,091.00	2,201.97	13,672.58	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	2,407.00	1,433.99	11,471.91	8.00
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 6.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Zone_3 (Gebi Resu)

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	2,626.00	*	*	
Cereals.....	*	*	33,996.26	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	556.00	234.78	3,498.23	14.90
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	-	-
Papayas.....	*	*	-	-
Pineapples.....	*	*	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 6.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Zone_4 (Fenti Resu)

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	574.00	*	*	
Cereals.....	574.00	*	*	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 6.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Zone_5 (Hari Resu)

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	1,490.00	1,803.71	16,987.33	
Cereals.....	1,340.00	1,405.95	15,694.12	
Teff.....	18.00	7.19	*	*
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	800.00	470.45	5,974.70	12.70
Sorghum.....	593.00	928.31	9,719.42	10.47
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	267.00	319.80	1,215.25	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	267.00	319.80	1,215.25	3.80
Gibto.....	-	-	-	-
Oilseeds.....	199.00	77.95	77.95	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	199.00	77.95	77.95	1.00
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	71.00	78.94	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	71.00	78.94	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 7 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Amhara Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	4,658,152.00	4,532,477.24	110,933,104.59	
Cereals.....	4,601,354.00	3,545,298.63	96,074,705.31	
Teff.....	2,703,282.00	1,086,374.60	20,964,629.06	19.30
Barley.....	1,290,159.00	311,401.39	7,289,023.14	23.41
Wheat.....	1,906,639.00	641,170.34	18,152,556.60	28.31
Maize.....	2,978,454.00	595,085.89	25,424,695.11	42.72
Sorghum.....	1,191,608.00	597,440.83	15,881,921.36	26.58
Finger millet.....	754,110.00	259,903.48	6,604,463.44	25.41
Oats/'Aja'.....	63,597.00	4,561.04	68,379.50	14.99
Rice.....	123,973.00	49,361.06	1,689,037.09	34.22
Pulses.....	2,499,461.00	660,349.99	12,118,764.33	
Faba beans.....	1,343,432.00	180,245.56	3,463,523.97	19.22
Field peas.....	432,175.00	61,147.41	949,693.30	15.53
White haricot beans..... .	236,753.00	53,504.27	900,961.30	16.84
Red Haricot beans.....	141,876.00	36,073.59	683,189.14	18.94
Red Chick-peas.....	423,268.00	67,755.87	1,325,325.05	19.56
White Chick-peas……..	69,200.00	25,172.45	493,843.18	19.62
Lentils.....	241,093.00	44,693.10	611,416.78	13.68
Grass peas.....	466,850.00	81,659.47	1,604,445.88	19.65
Soya beans.....	54,304.00	*	*	*
Fenugreek.....	168,868.00	15,014.21	202,611.20	13.49
Mung bean /"Masho"…..	155,037.00	32,666.15	370,754.97	11.35
Gibto.....	84,564.00	15,525.37	292,426.57	18.84
Oilseeds.....	915,731.00	326,828.62	2,739,634.95	
Neug.....	276,277.00	56,558.22	586,974.36	10.38
Linseed.....	273,220.00	19,880.61	139,650.44	7.02
Groundnuts.....	76,709.00	*	*	*
Safflower.....	64,658.00	2,285.90	22,833.69	9.99
Sesame.....	214,520.00	224,220.29	1,538,097.33	6.86
Rape seed.....	143,277.00	2,460.21	40,313.27	16.39
Vegetables.....	1,448,576.00	79,088.00	1,806,557.19	
Lettuce.....	*	*	*	*
Head Cabbage.....	92,898.00	629.98	35,438.03	56.25
Ethiopian Cabbage.....	291,100.00	*	*	*
Tomatoes.....	46,887.00	466.47	40,865.34	87.61
Green peppers.....	166,379.00	2,032.53	101,597.71	49.99
Red peppers.....	954,069.00	70,515.77	1,302,077.27	18.47
Swiss chard.....	42,613.00	*	*	*
Root Crops.....	1,216,667.00	52,382.31	6,368,375.74	
Beetroot.....	67,356.00	554.34	34,507.08	62.25
Carrot.....	51,963.00	1,109.61	64,064.94	57.74
Onion.....	221,721.00	14,077.92	1,729,111.90	122.82
Potatoes.....	388,302.00	29,081.48	3,954,294.55	135.97
Yam/'Boye'.....	*	*	*	*
Garlic.....	689,760.00	7,167.49	530,939.99	74.08
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	29,488.00	*	*	*
Fruit Crops.....	589,391.00	5,823.79	343,579.05	
Avocados.....	-	-	-	-
Bananas.....	45,393.00	*	*	*
Guavas.....	212,443.00	1,112.11	42,233.09	37.98
Lemons.....	71,640.00	*	*	*
Mangoes.....	64,933.00	295.20	*	*
Oranges.....	252,454.00	2,012.51	133,925.50	66.55
Papayas.....	115,364.00	862.37	68,809.73	79.79
Pineapples.....	114,786.00	607.19	61,972.07	102.06
Chat.....	*	*	*	*
Coffee.....	277,462.00	13,027.98	95,536.89	7.33
Hops.....	487,439.00	11,972.40	43,702.18	3.65
Sugar Cane.....	1,718,011.00	23,274.37	288,472.26	12.39

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

Table 7.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

North Gondar

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	167,061.00	152,053.97	3,287,248.27	
Cereals.....	164,914.00	118,465.65	2,812,220.35	
Teff.....	61,385.00	15,467.96	252,881.49	16.35
Barley.....	94,251.00	24,932.30	553,823.03	22.21
Wheat.....	103,091.00	33,086.71	811,196.56	24.52
Maize.....	67,605.00	3,394.95	104,251.04	30.71
Sorghum.....	54,760.00	27,642.88	738,904.17	26.73
Finger millet.....	28,240.00	13,922.99	350,772.77	25.19
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	106,151.00	24,940.46	400,674.87	
Faba beans.....	78,727.00	12,272.90	214,027.61	17.44
Field peas.....	46,289.00	6,775.32	110,680.87	16.34
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	5,146.00	*	*	*
White Chick- peas	-	-	-	-
Lentils.....	18,214.00	2,925.55	30,893.96	10.56
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	4,937.00	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	44,695.00	8,647.86	74,353.04	
Neug.....	15,199.00	5,404.22	53,781.38	9.95
Linseed.....	13,350.00	906.21	5,632.90	6.22
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	14,190.00	*	*	*
Vegetables.....	33,145.00	167.68	6,365.54	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	10,886.00	29.64	2,394.98	80.80
Tomatoes.....	*	*	*	*
Green peppers.....	6,217.00	*	*	*
Red peppers.....	15,316.00	93.83	1,163.49	12.40
Swiss chard.....	*	*	*	*
Root Crops.....	67,374.00	2,633.77	156,154.85	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	34,496.00	2,044.77	123,710.52	60.50
Yam/'Boye'.....	-	-	-	-
Garlic.....	46,964.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	38,137.00	237.77	2,401.55	10.10

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

Table 7.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

South Gondar

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	519,400.00	535,798.24	12,816,247.92	
Cereals.....	518,683.00	428,131.83	11,113,746.95	
Teff.....	347,747.00	152,218.51	2,832,418.79	18.61
Barley.....	167,208.00	35,713.02	950,639.78	26.62
Wheat.....	201,943.00	70,448.50	1,979,937.08	28.10
Maize.....	377,603.00	61,281.39	2,363,940.71	38.58
Sorghum.....	93,149.00	34,602.56	741,232.92	21.42
Finger millet.....	112,635.00	33,139.67	801,164.25	24.18
Oats/'Aja'.....	*	*	*	*
Rice.....	71,704.00	38,598.64	1,410,861.96	36.55
Pulses.....	296,711.00	90,455.72	1,557,096.07	
Faba beans.....	124,196.00	16,011.96	292,009.37	18.24
Field peas.....	24,223.00	*	*	*
White haricot beans..... .	61,371.00	21,276.74	367,718.38	17.28
Red Haricot beans.....	19,623.00	4,304.11	78,767.22	18.30
Red Chick-peas.....	50,362.00	10,056.16	199,480.63	19.84
White Chick-peas	*	*	*	*
Lentils.....	6,828.00	*	*	*
Grass peas.....	75,242.00	18,168.54	281,748.69	15.51
Soya beans.....	-	-	-	-
Fenugreek.....	8,062.00	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	32,416.00	*	*	*
Oilseeds.....	132,400.00	17,210.69	145,404.89	
Neug.....	39,759.00	4,659.46	46,962.95	10.08
Linseed.....	40,398.00	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	30,371.00	506.54	8,075.84	15.94
Vegetables.....	115,707.00	*	69,705.34	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	3,672.00	*	*	*
Green peppers.....	15,990.00	*	*	*
Red peppers.....	87,504.00	*	*	*
Swiss chard.....	5,771.00	*	*	*
Root Crops.....	111,347.00	6,938.80	994,694.44	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	10,474.00	*	*	*
Potatoes.....	60,718.00	5,674.39	846,504.42	149.18
Yam/'Boye'.....	-	-	-	-
Garlic.....	64,410.00	208.60	16,710.99	80.11
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	30,480.00	161.18	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	14,111.00	23.78	1,150.97	48.40
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	17,978.00	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	6,830.00	4.37	430.53	98.52
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	190,339.00	1,872.57	19,475.57	10.40

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

Table 7.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

North Wollo

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	407,111.00	274,109.74	5,164,027.38	
Cereals.....	401,289.00	225,417.14	4,571,768.94	
Teff.....	232,559.00	71,715.85	1,084,869.82	15.13
Barley.....	169,727.00	34,882.21	555,086.61	15.91
Wheat.....	196,270.00	51,771.09	1,178,983.87	22.77
Maize.....	151,315.00	7,599.38	226,229.37	29.77
Sorghum.....	157,544.00	56,953.34	1,491,812.58	26.19
Finger millet.....	17,909.00	2,193.73	30,831.65	14.05
Oats/'Aja'.....	6,967.00	301.53	3,955.04	13.12
Rice.....	-	-	-	-
Pulses.....	232,338.00	42,977.90	553,266.11	
Faba beans.....	104,850.00	11,827.04	150,082.60	12.69
Field peas.....	85,400.00	6,796.81	85,528.39	12.58
White haricot beans..... .	19,224.00	3,519.22	56,308.18	16.00
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	54,079.00	7,971.91	115,163.49	14.45
White Chick-peas	-	-	-	-
Lentils.....	61,757.00	6,407.37	69,785.53	10.89
Grass peas.....	25,213.00	3,287.89	42,990.95	13.08
Soya beans.....	-	-	-	-
Fenugreek.....	34,863.00	1,252.49	11,497.65	9.18
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	79,963.00	5,714.71	38,992.33	
Neug.....	4,773.00	*	*	*
Linseed.....	62,153.00	4,569.69	30,685.29	6.71
Groundnuts.....	-	-	-	-
Safflower.....	9,497.00	294.18	2,752.88	9.36
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	113,444.00	799.04	34,568.91	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	62,034.00	167.81	16,093.21	95.90
Tomatoes.....	3,435.00	*	*	*
Green peppers.....	8,570.00	16.95	1,191.63	70.30
Red peppers.....	42,957.00	529.08	10,105.45	19.10
Swiss chard.....	*	*	*	*
Root Crops.....	107,836.00	1,754.64	160,102.60	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	24,363.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	74,738.00	458.33	32,107.75	70.05
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	34,512.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	*	*
Lemons.....	*	14.80	302.77	20.46
Mangoes.....	2,009.00	*	*	*
Oranges.....	8,702.00	*	*	*
Papayas.....	9,084.00	*	*	*
Pineapples.....	12,624.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	11,686.00	*	*	*
Hops.....	20,256.00	*	*	*
Sugar Cane.....	119,664.00	795.25	8,032.11	10.10

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

Table 7.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

South Wollo

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	754,370.00	464,534.17	9,645,935.03	
Cereals.....	734,050.00	353,098.60	7,980,074.65	
Teff.....	389,637.00	118,157.50	2,049,298.40	17.34
Barley.....	233,302.00	25,168.70	535,726.12	21.29
Wheat.....	337,797.00	95,657.15	2,479,032.62	25.92
Maize.....	382,043.00	22,382.59	598,003.58	26.72
Sorghum.....	232,093.00	88,148.53	2,255,932.40	25.59
Finger millet.....	25,920.00	1,590.16	33,155.67	20.85
Oats/'Aja'.....	37,631.00	1,993.96	28,925.86	14.51
Rice.....	-	-	-	-
Pulses.....	532,025.00	105,576.04	1,616,039.63	
Faba beans.....	314,914.00	28,582.97	465,655.74	16.29
Field peas.....	90,647.00	9,930.05	153,703.01	15.48
White haricot beans..... .	97,778.00	20,528.46	328,185.48	15.99
Red Haricot beans.....	37,912.00	*	*	*
Red Chick-peas.....	125,520.00	11,510.24	188,867.33	16.41
White Chick-peas	*	*	*	*
Lentils.....	89,523.00	13,646.62	148,504.55	10.88
Grass peas.....	101,894.00	9,706.47	172,552.66	17.78
Soya beans.....	*	*	*	*
Fenugreek.....	37,643.00	5,190.84	75,546.14	14.55
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	119,020.00	5,859.53	49,820.75	
Neug.....	51,981.00	3,712.93	35,471.00	9.55
Linseed.....	51,544.00	1,667.14	10,370.13	6.22
Groundnuts.....	*	*	*	*
Safflower.....	6,867.00	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	20,830.00	*	*	*
Vegetables.....	281,973.00	*	*	
Lettuce.....	*	*	-	-
Head Cabbage.....	19,630.00	*	*	*
Ethiopian Cabbage.....	110,109.00	*	*	*
Tomatoes.....	6,743.00	*	*	*
Green peppers.....	29,077.00	*	*	*
Red peppers.....	129,738.00	1,460.82	20,976.22	14.36
Swiss chard.....	20,080.00	*	*	*
Root Crops.....	172,953.00	2,165.26	205,728.91	
Beetroot.....	10,220.00	*	*	*
Carrot.....	24,384.00	*	*	*
Onion.....	17,706.00	175.61	16,363.88	93.18
Potatoes.....	15,464.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	123,416.00	635.50	42,451.38	66.80
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	7,897.00	*	*	*
Fruit Crops.....	90,719.00	612.90	42,329.33	
Avocados.....	-	-	-	-
Bananas.....	7,789.00	*	*	*
Guavas.....	17,054.00	63.21	2,560.85	40.51
Lemons.....	17,689.00	35.87	1,036.76	28.90
Mangoes.....	7,022.00	*	*	*
Oranges.....	40,602.00	144.97	7,117.82	49.10
Papayas.....	24,260.00	*	*	*
Pineapples.....	35,024.00	97.17	10,117.28	104.12
Chat.....	-	-	-	-
Coffee.....	105,259.00	*	*	*
Hops.....	73,220.00	663.47	3,052.03	4.60
Sugar Cane.....	122,708.00	789.43	10,973.14	13.90

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

Table 7.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

North Shewa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	549,353.00	549,727.16	13,700,042.19	
Cereals.....	536,277.00	436,658.41	11,591,488.68	
Teff.....	393,363.00	167,385.12	3,525,213.08	21.06
Barley.....	178,137.00	47,656.36	1,225,335.44	25.71
Wheat.....	355,773.00	130,442.10	3,920,778.54	30.06
Maize.....	133,891.00	6,569.25	232,991.95	35.47
Sorghum.....	144,921.00	84,570.20	2,686,552.87	31.77
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	332,267.00	108,094.02	2,068,076.49	
Faba beans.....	246,001.00	45,157.91	1,002,280.37	22.20
Field peas.....	54,617.00	11,070.16	195,584.56	17.67
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	52,641.00	8,911.45	180,827.12	20.29
White Chick-peas	13,703.00	*	*	*
Lentils.....	47,897.00	15,895.77	242,043.57	15.23
Grass peas.....	37,465.00	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	43,690.00	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	55,630.00	4,974.73	40,477.02	
Neug.....	*	*	*	*
Linseed.....	31,604.00	3,677.86	28,047.35	7.63
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	146,039.00	1,471.44	85,080.51	
Lettuce.....	-	-	-	-
Head Cabbage.....	4,450.00	11.10	471.77	42.50
Ethiopian Cabbage.....	57,894.00	336.63	35,851.03	106.50
Tomatoes.....	12,540.00	*	*	*
Green peppers.....	40,494.00	*	*	*
Red peppers.....	53,405.00	500.60	8,159.75	16.30
Swiss chard.....	*	*	*	*
Root Crops.....	214,034.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	6,015.00	*	*	*
Onion.....	92,628.00	*	*	*
Potatoes.....	16,994.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	129,197.00	1,627.67	132,499.31	81.40
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	7,236.00	*	*	*
Fruit Crops.....	46,347.00	206.25	10,165.30	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	20,961.00	71.23	1,749.47	24.56
Lemons.....	*	*	*	*
Mangoes.....	7,875.00	*	*	*
Oranges.....	5,024.00	*	*	*
Papayas.....	11,392.00	26.50	2,054.18	77.52
Pineapples.....	9,152.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	22,256.00	*	*	*
Hops.....	49,358.00	337.47	1,147.42	3.40
Sugar Cane.....	167,682.00	2,133.37	27,520.84	12.90

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

Table 7.6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

East Gojam

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	629,194.00	665,020.45	18,840,272.11	
Cereals.....	626,684.00	571,375.37	17,095,145.93	
Teff.....	480,052.00	239,221.86	5,418,421.35	22.65
Barley.....	139,457.00	59,265.78	1,630,183.48	27.51
Wheat.....	354,108.00	147,694.69	4,743,813.86	32.12
Maize.....	495,306.00	95,912.63	4,459,523.20	46.50
Sorghum.....	51,320.00	25,112.42	737,244.55	29.36
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	325,934.00	71,955.44	1,535,894.04	
Faba beans.....	207,637.00	26,368.27	594,458.07	22.54
Field peas.....	29,089.00	6,555.56	119,942.25	18.30
White haricot beans..... .	19,741.00	4,811.26	102,693.40	21.34
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	47,023.00	7,817.13	180,376.65	23.07
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	89,312.00	7,597.80	173,411.40	22.82
Soya beans.....	*	*	*	*
Fenugreek.....	11,064.00	741.02	6,484.31	8.75
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	90,504.00	21,689.64	209,232.13	
Neug.....	45,924.00	6,335.49	73,129.72	11.54
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	5,575.00	*	*	*
Rape seed.....	19,836.00	311.40	5,887.99	18.91
Vegetables.....	139,170.00	*	*	
Lettuce.....	*	*	*	*
Head Cabbage.....	34,059.00	285.47	12,075.37	42.30
Ethiopian Cabbage.....	7,353.00	52.60	2,993.55	56.91
Tomatoes.....	*	*	*	*
Green peppers.....	21,260.00	55.77	3,755.86	67.35
Red peppers.....	90,931.00	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	187,821.00	11,287.16	1,396,755.37	
Beetroot.....	30,882.00	174.83	12,535.14	71.70
Carrot.....	*	*	*	*
Onion.....	30,296.00	1,740.88	162,492.42	93.34
Potatoes.....	65,184.00	7,544.24	1,087,119.28	144.10
Yam/'Boye'.....	-	-	-	-
Garlic.....	91,587.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	27,701.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	4,946.00	*	*	*
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	17,637.00	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	30,756.00	*	*	*
Sugar Cane.....	324,731.00	5,100.88	66,831.80	13.10

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

Table 7.7 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Gojjam

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	682,893.00	633,665.76	19,880,442.45	
Cereals.....	680,489.00	538,625.95	17,968,699.26	
Teff.....	336,750.00	129,595.06	2,644,174.72	20.40
Barley.....	120,093.00	25,900.60	649,700.83	25.08
Wheat.....	186,408.00	52,677.96	1,611,676.46	30.59
Maize.....	649,991.00	227,735.97	10,414,222.09	45.73
Sorghum.....	*	*	*	*
Finger millet.....	282,225.00	93,997.39	2,422,755.50	25.77
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	283,813.00	81,072.19	1,759,975.22	
Faba beans.....	107,159.00	16,156.07	348,138.73	21.55
Field peas.....	42,235.00	5,276.78	77,248.52	14.64
White haricot beans..... .	10,615.00	*	*	*
Red Haricot beans.....	43,932.00	11,502.42	232,850.99	20.24
Red Chick-peas.....	24,546.00	5,006.26	112,097.98	22.39
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	102,850.00	27,513.66	626,581.02	22.77
Soya beans.....	*	*	*	*
Fenugreek.....	5,531.00	55.91	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	32,923.00	7,033.65	*	*
Oilseeds.....	78,410.00	13,967.62	151,767.96	
Neug.....	50,189.00	12,215.44	130,316.40	10.67
Linseed.....	11,400.00	916.30	5,752.04	6.28
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	23,456.00	*	*	*
Vegetables.....	351,699.00	35,702.48	734,567.12	
Lettuce.....	-	-	-	-
Head Cabbage.....	20,653.00	*	*	*
Ethiopian Cabbage.....	13,834.00	106.02	9,591.19	90.47
Tomatoes.....	-	-	-	-
Green peppers.....	16,103.00	*	*	*
Red peppers.....	327,384.00	35,231.87	704,499.34	20.00
Swiss chard.....	*	*	-	-
Root Crops.....	182,778.00	7,424.50	860,306.23	
Beetroot.....	12,233.00	38.20	3,157.66	82.66
Carrot.....	*	*	*	*
Onion.....	35,337.00	*	*	*
Potatoes.....	89,992.00	3,662.60	515,949.13	140.87
Yam/'Boye'.....	-	-	-	-
Garlic.....	76,151.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	209,295.00	1,726.53	81,422.16	
Avocados.....	-	-	-	-
Bananas.....	13,545.00	31.59	-	-
Guavas.....	98,479.00	442.50	13,566.89	30.66
Lemons.....	27,610.00	*	*	*
Mangoes.....	21,159.00	*	*	*
Oranges.....	101,286.00	481.52	31,925.13	66.30
Papayas.....	25,534.00	116.02	8,462.56	72.94
Pineapples.....	14,419.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	62,540.00	2,180.15	10,464.78	4.80
Hops.....	186,084.00	*	*	*
Sugar Cane.....	516,610.00	7,467.62	88,838.18	11.90

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

Table 7.8 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Waghemra

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	108,447.00	119,634.37	1,716,471.88	
Cereals.....	108,198.00	98,880.09	1,544,522.28	
Teff.....	64,266.00	20,375.46	205,677.94	10.09
Barley.....	64,213.00	18,920.47	255,899.08	13.52
Wheat.....	41,814.00	11,855.50	173,931.80	14.67
Maize.....	53,997.00	2,151.25	27,227.26	12.66
Sorghum.....	89,563.00	44,597.50	872,595.55	19.57
Finger millet.....	5,727.00	940.42	8,857.79	9.42
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	66,971.00	16,043.77	153,069.68	
Faba beans.....	41,578.00	7,577.32	91,730.63	12.11
Field peas.....	14,067.00	2,157.83	15,423.31	7.15
White haricot beans..... .	9,127.00	1,302.33	10,710.53	8.22
Red Haricot beans.....	7,851.00	923.74	6,462.68	7.00
Red Chick-peas.....	5,986.00	657.73	5,428.21	8.25
White Chick-peas	6,181.00	*	*	*
Lentils.....	7,321.00	*	6,712.81	*
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	4,557.00	21.60	124.66	5.77
Mung bean /"Masho"…..	7,783.00	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	42,621.00	4,710.50	18,879.93	
Neug.....	2,985.00	*	*	*
Linseed.....	20,506.00	488.25	1,709.49	3.50
Groundnuts.....	*	*	*	*
Safflower.....	13,002.00	515.94	2,653.20	5.14
Sesame.....	12,881.00	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	6,475.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,384.00	2.43	122.84	50.55
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	3,230.00	11.27	346.24	30.72
Green peppers.....	3,520.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	1,167.00	*	*	*
Root Crops.....	22,664.00	140.30	7,544.60	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	3,557.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	19,026.00	64.20	3,100.83	48.30
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	4,313.00	46.53	1,134.81	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	1,391.00	12.25	248.39	20.28
Lemons.....	1,190.00	5.42	27.13	5.01
Mangoes.....	*	*	*	*
Oranges.....	2,122.00	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	1,308.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	*	*	*	*
Sugar Cane.....	8,767.00	*	*	*

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

Table 7.9 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Awi

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	236,051.00	280,440.09	8,019,661.56	
Cereals.....	233,724.00	197,825.10	6,495,606.67	
Teff.....	103,323.00	40,983.98	*	*
Barley.....	52,355.00	11,935.66	*	*
Wheat.....	55,492.00	13,867.47	*	*
Maize.....	215,062.00	72,708.90	3,390,612.96	46.63
Sorghum.....	*	*	*	*
Finger millet.....	109,463.00	50,458.67	1,377,718.60	27.30
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	76,140.00	*	*	
Faba beans.....	27,594.00	2,086.78	44,012.55	21.09
Field peas.....	19,276.00	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	4,356.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas				
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	5,122.00	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	11,839.00	1,826.87	37,695.22	20.63
Oilseeds.....	56,103.00	42,914.13	*	
Neug.....	25,928.00	14,674.54	147,882.30	10.08
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	17,627.00	347.47	4,291.67	12.35
Vegetables.....	99,078.00	19,041.29	313,326.70	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	16,753.00	94.35	7,972.19	84.50
Tomatoes.....	-	-	-	-
Green peppers.....	13,777.00	*	*	*
Red peppers.....	70,631.00	18,536.83	287,479.39	15.51
Swiss chard.....	*	*	*	*
Root Crops.....	79,125.00	2,824.48	448,322.14	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	6,793.00	*	*	*
Potatoes.....	45,469.00	2,050.18	358,104.08	174.67
Yam/'Boye'.....	*	*	*	*
Garlic.....	30,914.00	211.22	14,828.08	70.20
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	53,505.00	534.42	24,902.77	
Avocados.....	-	-	-	-
Bananas.....	12,816.00	54.43	-	-
Guavas.....	18,769.00	131.56	3,228.39	24.54
Lemons.....	3,138.00	6.54	136.65	20.89
Mangoes.....	4,618.00	*	*	*
Oranges.....	28,198.00	280.51	16,466.08	58.70
Papayas.....	7,183.00	36.16	1,865.99	51.60
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	67,491.00	903.08	2,889.66	3.20
Sugar Cane.....	117,724.00	730.89	7,308.95	10.00

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

Table 7.10 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Oromo Nationality Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	141,399.00	57,447.23	1,214,975.86	
Cereals.....	138,189.00	49,410.68	1,130,380.47	
Teff.....	34,447.00	8,240.62	110,679.40	13.43
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	65,150.00	3,053.24	78,664.03	25.76
Sorghum.....	111,106.00	37,763.35	934,421.18	24.74
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	28,805.00	5,125.66	55,525.39	
Faba beans.....	*	*	*	*
Field peas.....	1,947.00	*	*	*
White haricot beans..... .	7,102.00	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	15,234.00	4,162.68	40,787.40	9.80
Gibto.....	-	-	-	-
Oilseeds.....	28,359.00	2,910.89	29,070.00	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	17,550.00	1,809.99	22,453.34	12.41
Safflower.....	5,560.00	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	1,056.00	*	*	*
Vegetables.....	24,974.00	310.31	15,238.16	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	1,991.00	11.51	1,047.67	91.02
Tomatoes.....	9,989.00	*	*	*
Green peppers.....	3,542.00	8.12	519.61	63.99
Red peppers.....	12,964.00	184.41	2,997.49	16.25
Swiss chard.....	*	*	*	*
Root Crops.....	9,379.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	-	-
Onion.....	4,581.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	3,311.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	1,828.00	8.28	1,478.77	178.60
Fruit Crops.....	57,510.00	755.51	64,236.71	
Avocados.....	-	-	-	-
Bananas.....	1,946.00	*	*	*
Guavas.....	14,971.00	71.26	6,198.68	86.99
Lemons.....	9,456.00	35.70	1,950.00	54.62
Mangoes.....	7,035.00	16.72	1,271.05	76.02
Oranges.....	34,477.00	*	*	*
Papayas.....	15,166.00	92.55	9,489.54	102.53
Pineapples.....	22,209.00	51.08	5,884.75	115.21
Chat.....	*	*	*	*
Coffee.....	46,768.00	4,018.80	39,545.63	9.84
Hops.....	19,338.00	320.25	1,420.24	4.43
Sugar Cane.....	-	-	-	-

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

Table 7.11 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Central Gondar Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	369,326.00	536,207.07	12,214,348.72	
Cereals.....	366,612.00	400,625.33	10,386,311.08	
Teff.....	237,730.00	108,272.00	1,793,363.23	16.56
Barley.....	69,045.00	26,805.51	636,533.65	23.75
Wheat.....	73,507.00	33,653.94	848,150.94	25.20
Maize.....	302,216.00	81,789.66	3,156,140.21	38.59
Sorghum.....	171,317.00	96,607.17	2,612,329.01	27.04
Finger millet.....	137,332.00	52,898.87	1,321,817.62	24.99
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	202,376.00	68,299.19	1,332,314.01	
Faba beans.....	88,870.00	14,074.28	259,063.81	18.41
Field peas.....	24,244.00	3,539.69	62,031.79	17.52
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	49,645.00	12,508.21	286,129.98	22.88
White Chick-peas	35,949.00	17,215.10	347,745.52	20.20
Lentils.....	*	*	*	*
Grass peas.....	31,578.00	6,418.84	116,970.70	18.22
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	43,297.00	2,381.48	22,160.30	9.31
Gibto.....	-	-	-	-
Oilseeds.....	109,330.00	67,282.56	495,723.63	
Neug.....	28,051.00	7,392.82	72,083.97	9.75
Linseed.....	36,569.00	3,189.41	22,553.66	7.07
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	46,272.00	*	392,078.37	*
Rape seed.....	12,904.00	215.82	*	*
Vegetables.....	96,242.00	6,157.99	127,715.84	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	5,718.00	*	*	*
Red peppers.....	84,397.00	5,980.00	116,457.86	19.47
Swiss chard.....	*	*	*	*
Root Crops.....	61,233.00	7,565.50	859,236.79	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	4,148.00	143.54	14,770.46	102.90
Potatoes.....	31,526.00	6,487.46	779,275.05	120.12
Yam/'Boye'.....	*	*	*	*
Garlic.....	29,923.00	808.85	65,191.28	80.60
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	18,777.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	3,843.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	13,824.00	*	*	*
Sugar Cane.....	102,548.00	4,020.46	55,868.34	13.90

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

Table 7.12 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Gondar Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	93,549.00	263,838.98	4,433,431.22	
Cereals.....	92,244.00	126,784.48	3,384,740.03	
Teff.....	22,023.00	14,740.68	234,480.65	15.91
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	84,274.00	10,506.69	372,888.71	35.49
Sorghum.....	77,444.00	94,900.00	2,624,777.14	27.66
Finger millet.....	12,240.00	6,594.44	151,439.48	22.96
Oats/'Aja'.....	-	-	-	-
Rice.....	660.00	*	*	*
Pulses.....	15,930.00	6,108.74	118,496.77	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	5,011.00	4,420.58	100,228.62	22.67
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	10,569.00	1,109.76	12,114.30	10.92
Gibto.....	-	-	-	-
Oilseeds.....	78,697.00	130,945.76	930,194.42	
Neug.....	2,309.00	1,369.93	*	*
Linseed.....	-	-	-	-
Groundnuts.....	2,896.00	*	*	*
Safflower.....	-	-	-	-
Sesame.....	77,695.00	129,500.16	908,145.60	7.01
Rape seed.....	*	*	*	*
Vegetables.....	40,630.00	837.60	22,325.46	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	3,701.00	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	37,656.00	671.85	9,994.36	14.88
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	8,402.00	55.60	5,318.88	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	3,006.00	*	*	*
Sugar Cane.....	9,101.00	80.10	797.42	9.96

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

Table 8 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Oromia Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	7,491,138.00	5,944,489.15	169,614,568.12	
Cereals.....	7,213,279.00	4,997,577.83	152,421,549.22	
Teff.....	2,861,364.00	1,393,455.62	26,904,670.12	19.31
Barley.....	1,509,055.00	440,702.06	12,319,947.95	27.96
Wheat.....	1,832,546.00	996,364.40	32,877,497.09	33.00
Maize.....	5,205,203.00	1,371,868.06	58,887,064.26	42.92
Sorghum.....	2,321,488.00	676,075.00	18,366,126.61	27.17
Finger millet.....	627,821.00	97,266.93	2,515,632.41	25.86
Oats/'Aja'.....	94,768.00	10,582.30	231,032.77	21.83
Rice.....	70,209.00	11,263.46	319,578.01	28.37
Pulses.....	3,272,349.00	680,622.06	13,893,359.32	
Faba beans.....	1,590,965.00	230,114.95	5,364,300.99	23.31
Field peas.....	531,737.00	85,941.49	1,654,867.00	19.26
White haricot beans..... .	440,161.00	35,455.55	670,686.70	18.92
Red Haricot beans.....	797,972.00	84,592.73	1,515,618.90	17.92
Red Chick-peas.....	302,134.00	95,690.33	2,156,965.09	22.54
White Chick-peas	72,486.00	14,487.91	291,670.54	20.13
Lentils.....	121,259.00	32,597.91	438,816.24	13.46
Grass peas.....	263,451.00	55,048.82	1,172,421.14	21.30
Soya beans.....	50,480.00	*	*	*
Fenugreek.....	228,646.00	26,596.97	298,804.38	11.23
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	1,168,778.00	266,289.26	3,299,659.58	
Neug.....	350,051.00	119,918.37	1,383,505.83	11.54
Linseed.....	290,997.00	54,005.78	616,462.45	11.41
Groundnuts.....	308,927.00	57,721.47	1,010,364.21	17.50
Safflower.....	36,190.00	731.13	8,198.81	11.21
Sesame.....	65,536.00	28,670.20	196,558.05	6.86
Rape seed.....	259,166.00	5,242.32	84,570.22	16.13
Vegetables.....	2,669,286.00	107,134.74	3,738,852.11	
Lettuce.....	22,806.00	*	*	*
Head Cabbage.....	268,506.00	4,198.46	388,740.23	92.59
Ethiopian Cabbage.....	1,421,411.00	14,661.16	1,331,813.51	90.84
Tomatoes.....	97,014.00	3,978.67	296,301.22	74.47
Green peppers.....	761,819.00	9,587.94	462,623.48	48.25
Red peppers.....	774,190.00	74,446.91	1,247,773.67	16.76
Swiss chard.....	46,789.00	120.23	6,607.15	54.95
Root Crops.....	2,462,527.00	108,235.30	17,518,649.93	
Beetroot.....	304,665.00	2,104.65	194,903.74	92.61
Carrot.....	94,985.00	1,851.22	96,415.25	52.08
Onion.....	350,107.00	18,778.40	1,364,370.13	72.66
Potatoes.....	302,572.00	41,734.38	5,027,918.59	120.47
Yam/'Boye'.....	20,068.00	*	*	*
Garlic.....	481,872.00	8,037.14	559,710.92	69.64
Taro/'Godere'.....	678,705.00	7,719.86	1,543,405.23	199.93
Sweet potatoes.....	869,665.00	27,344.96	8,731,926.08	319.32
Fruit Crops.....	2,447,559.00	46,843.38	3,843,642.81	
Avocados.....	-	-	-	-
Bananas.....	989,824.00	11,510.32	969,594.10	84.24
Guavas.....	1,655,048.00	21,757.96	1,796,986.94	82.59
Lemons.....	146,890.00	471.74	16,084.31	34.10
Mangoes.....	92,549.00	244.43	10,857.87	44.42
Oranges.....	839,656.00	8,322.24	561,940.39	67.52
Papayas.....	327,703.00	2,258.46	163,587.27	72.43
Pineapples.....	392,667.00	2,226.54	324,328.11	145.66
Chat.....	16,237.00	51.68	263.82	5.10
Coffee.....	2,354,769.00	242,818.08	2,159,420.66	8.89
Hops.....	2,767,857.00	584,440.89	3,951,191.49	6.76
Sugar Cane.....	711,685.00	5,852.10	90,167.16	15.41

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	72,345,786	18,020,711.08	20,011,243.78	1,206,445.62	0.25	0.28	0.02

[Remark:From the total planed 3 8EA'S in West Wellega and 34 EA's in Kellem Wellega, due to secuirity problems, the survey was sucssesfully cover only 11EA's in West Wellega and 7EA's in Kellem Wellega but we used other proxy information to produce the zonal level estimate]

Table 8.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Welega

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hec)
Grain Crops. . . . . .. ….	450,443.00	269,407.92	8,598,783.09	
Cereals.....	450,443.00	222,295.86	7,892,277.47	
Teff.....	127,874.00	24,485.60	424,842.79	17.35
Barley.....	35,155.00	1,077.57	*	*
Wheat.....	38,322.00	*	*	*
Maize.....	439,747.00	105,899.46	4,843,952.88	45.74
Sorghum.....	281,054.00	54,258.72	1,600,350.83	29.49
Finger millet.....	197,706.00	32,551.72	883,322.38	27.14
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	205,054.00	18,059.28	343,088.79	
Faba beans.....	100,584.00	*	*	*
Field peas.....	55,678.00	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	90,319.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	178,711.00	29,052.78	363,416.84	
Neug.....	127,648.00	27,850.38	343,896.75	12.35
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	52,874.00	*	12,674.26	*
Vegetables.....	237,348.00	2,794.27	94,526.31	
Lettuce.....	*	*	*	*
Head Cabbage.....	10,455.00	*	*	*
Ethiopian Cabbage.....	40,435.00	249.90	24,739.06	99.00
Tomatoes.....	*	*	*	*
Green peppers.....	99,173.00	568.60	33,432.60	58.80
Red peppers.....	121,682.00	1,935.91	33,491.20	17.30
Swiss chard.....	*	*	*	*
Root Crops.....	249,147.00	5,576.27	1,572,749.60	
Beetroot.....	*	*	*	*
Carrot.....	10,228.00	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	210,803.00	5,144.63	1,495,936.25	290.78
Fruit Crops.....	349,184.00	7,363.43	559,816.50	
Avocados.....	-	-	-	-
Bananas.....	127,002.00	1,097.31	84,822.24	77.30
Guavas.....	247,271.00	3,471.83	281,145.87	80.98
Lemons.....	-	-	-	-
Mangoes.....	14,630.00	*	*	*
Oranges.....	156,469.00	2,057.52	144,234.57	70.10
Papayas.....	104,438.00	574.98	39,386.30	68.50
Pineapples.....	32,371.00	102.71	7,805.77	76.00
Chat.....	*	*	*	*
Coffee.....	138,892.00	2,545.96	11,125.95	4.37
Hops.....	370,174.00	111,155.20	778,531.17	7.00
Sugar Cane.....	61,485.00	517.43	9,261.89	17.90

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	38,060	9,625.35	10,848.75	622.36	0.25	0.29	0.02

[Remark: From the total planed 38 EA'S in West Wellega due to secuirity problems, the survey was cover only 11EA's in West Wellega but we used other proxy information to produce the zonal level estimate]

Table 8.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

East Welega

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	335,294.00	401,357.76	13,573,408.12	
Cereals.....	330,709.00	332,818.92	12,532,903.33	
Teff.....	145,656.00	66,884.24	1,282,300.31	19.17
Barley.....	35,605.00	5,712.72	141,230.70	24.72
Wheat.....	31,949.00	*	*	*
Maize.....	312,334.00	192,235.75	9,118,041.35	47.43
Sorghum.....	88,918.00	35,380.76	1,079,023.26	30.50
Finger millet.....	81,757.00	19,665.33	533,475.07	27.13
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	109,403.00	20,177.83	392,848.37	
Faba beans.....	57,059.00	6,605.30	140,696.79	21.30
Field peas.....	31,576.00	4,574.52	*	*
White haricot beans..... .	4,833.00	*	*	*
Red Haricot beans.....	22,736.00	2,603.24	*	*
Red Chick-peas.....	*	393.05	*	*
White Chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	13,464.00	70.72	487.72	6.90
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	123,585.00	48,361.01	647,656.42	
Neug.....	63,228.00	22,576.90	*	*
Linseed.....	*	*	*	*
Groundnuts.....	55,497.00	16,100.09	288,041.88	17.89
Safflower.....	*	*	*	*
Sesame.....	8,787.00	9,148.37	71,953.46	7.87
Rape seed.....	23,666.00	484.18	8,229.85	17.00
Vegetables.....	151,877.00	7,749.12	165,057.82	
Lettuce.....	-	-	-	-
Head Cabbage.....	16,789.00	82.38	9,083.26	110.26
Ethiopian Cabbage.....	10,723.00	75.19	7,646.48	101.70
Tomatoes.....	*	*	*	*
Green peppers.....	52,126.00	461.81	27,800.92	60.20
Red peppers.....	95,932.00	7,116.25	119,555.82	16.80
Swiss chard.....	-	-	-	-
Root Crops.....	115,748.00	6,253.43	961,057.32	
Beetroot.....	17,017.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	19,057.00	*	*	*
Potatoes.....	7,097.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	17,485.00	84.33	6,763.48	80.20
Taro/'Godere'.....	17,250.00	142.99	27,654.79	193.40
Sweet potatoes.....	61,409.00	*	*	*
Fruit Crops.....	142,610.00	2,347.92	186,513.88	
Avocados.....	-	-	-	-
Bananas.....	18,270.00	*	*	*
Guavas.....	94,590.00	1,007.44	65,050.26	64.57
Lemons.....	*	*	*	*
Mangoes.....	6,460.00	*	*	*
Oranges.....	74,792.00	838.00	54,242.07	64.73
Papayas.....	*	*	*	*
Pineapples.....	27,372.00	106.18	49,137.99	462.78
Chat.....	-	-	-	-
Coffee.....	66,124.00	*	*	*
Hops.....	101,114.00	12,898.95	86,430.54	6.70
Sugar Cane.....	48,989.00	549.34	7,031.59	12.80

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	1,473	399.08	449.8	25.8	0.27	0.31	0.02

Table 8.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Ilu Ababora

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	240,651.00	115,692.71	4,088,119.25	
Cereals.....	233,521.00	101,778.66	3,849,913.61	
Teff.....	47,424.00	12,623.04	198,269.51	15.71
Barley.....	15,676.00	1,282.04	29,814.52	23.26
Wheat.....	*	*	*	*
Maize.....	219,578.00	62,030.87	2,893,408.86	46.64
Sorghum.....	98,852.00	15,982.21	457,147.21	28.60
Finger millet.....	49,263.00	5,879.71	152,359.06	25.91
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	135,810.00	12,452.37	223,234.22	
Faba beans.....	35,141.00	2,746.31	58,424.97	21.27
Field peas.....	16,357.00	*	*	*
White haricot beans..... .	42,680.00	1,290.68	24,393.84	18.90
Red Haricot beans.....	79,703.00	5,516.61	92,403.42	16.75
Red Chick-peas.....	-	-	-	-
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	2,943.00	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	17,290.00	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	10,456.00	*	*	*
Vegetables.....	138,811.00	5,074.77	125,546.85	
Lettuce.....	-	-	-	-
Head Cabbage.....	28,254.00	169.16	16,916.21	100.00
Ethiopian Cabbage.....	49,238.00	249.99	23,750.71	95.01
Tomatoes.....	4,596.00	*	*	*
Green peppers.....	49,468.00	341.90	12,718.82	37.20
Red peppers.....	67,875.00	4,303.85	71,570.76	16.63
Swiss chard.....	*	*	*	*
Root Crops.....	114,954.00	1,982.81	293,519.16	
Beetroot.....	17,130.00	35.33	2,858.17	80.90
Carrot.....	4,431.00	*	*	*
Onion.....	10,896.00	32.49	2,538.53	78.13
Potatoes.....	*	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	8,030.00	10.13	510.27	50.37
Taro/'Godere'.....	77,649.00	859.59	163,912.91	190.69
Sweet potatoes.....	25,547.00	569.32	119,772.34	210.38
Fruit Crops.....	195,706.00	3,127.02	267,757.49	
Avocados.....	-	-	-	-
Bananas.....	110,804.00	1,070.19	100,601.02	94.00
Guavas.....	152,688.00	1,564.85	116,203.99	74.26
Lemons.....	5,897.00	8.82	141.06	15.99
Mangoes.....	6,207.00	10.39	463.12	44.57
Oranges.....	59,085.00	298.40	26,045.19	87.28
Papayas.....	17,539.00	40.55	3,158.66	77.90
Pineapples.....	45,248.00	116.53	21,023.33	180.41
Chat.....	3,350.00	*	*	*
Coffee.....	90,398.00	3,784.50	33,015.38	8.72
Hops.....	213,767.00	91,885.24	613,635.41	6.68
Sugar Cane.....	13,531.00	*	*	*

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	52,4264	117,865.81	132,847.07	7,621.06	0.22	0.25	0.01

Table 8.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Jimma

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	787,523.00	515,838.28	15,724,692.83	
Cereals.....	747,520.00	445,289.87	14,466,500.57	
Teff.....	475,824.00	140,489.64	2,266,304.58	16.13
Barley.....	167,045.00	18,203.56	447,174.56	24.57
Wheat.....	112,475.00	29,257.00	918,793.83	31.40
Maize.....	534,160.00	188,042.37	8,785,490.03	46.72
Sorghum.....	296,136.00	63,090.95	1,899,716.78	30.11
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	423,827.00	53,221.10	1,050,035.52	
Faba beans.....	190,103.00	19,996.74	452,334.24	22.62
Field peas.....	88,506.00	12,243.67	199,935.80	16.33
White haricot beans..... .	72,447.00	445.25	7,958.55	17.87
Red Haricot beans.....	134,193.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	109,125.00	17,327.30	*	
Neug.....	22,462.00	10,077.41	98,818.48	9.81
Linseed.....	58,957.00	2,800.58	25,092.79	8.96
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	18,240.00	*	*	*
Vegetables.....	509,272.00	14,117.07	478,409.80	
Lettuce.....	*	*	*	*
Head Cabbage.....	50,036.00	517.27	51,416.54	99.40
Ethiopian Cabbage.....	375,664.00	2,358.61	189,311.74	80.26
Tomatoes.....	30,105.00	*	*	*
Green peppers.....	142,910.00	520.59	29,498.58	56.66
Red peppers.....	127,292.00	10,482.20	195,430.07	18.64
Swiss chard.....	*	*	*	*
Root Crops.....	479,282.00	7,335.82	1,501,657.65	
Beetroot.....	35,660.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	18,854.00	*	*	*
Potatoes.....	38,319.00	663.01	111,021.26	167.45
Yam/'Boye'.....	*	*	*	*
Garlic.....	33,429.00	86.89	5,578.36	64.20
Taro/'Godere'.....	400,717.00	5,494.70	1,157,358.59	210.63
Sweet potatoes.....	56,734.00	*	*	*
Fruit Crops.....	616,748.00	11,563.54	855,864.92	
Avocados.....	-	-	-	-
Bananas.....	443,457.00	4,203.02	356,807.62	84.89
Guavas.....	445,445.00	4,694.87	340,611.03	72.55
Lemons.....	65,984.00	184.73	3,123.72	16.91
Mangoes.....	17,000.00	12.89	521.47	40.46
Oranges.....	232,337.00	1,848.60	106,983.09	57.87
Papayas.....	106,880.00	418.15	25,758.27	61.60
Pineapples.....	96,616.00	170.96	21,917.04	128.20
Chat.....	8,937.00	*	*	*
Coffee.....	519,076.00	18,028.87	155,713.65	8.64
Hops.....	618,530.00	128,225.43	996,955.34	7.78
Sugar Cane.....	41,105.00	221.43	4,834.81	21.83

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	6,402,515	1,450,071.71	1,634,381.74	93,760.22	0.23	0.26	0.01

Table 8.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Shewa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	637,641.00	603,377.34	17,104,537.25	
Cereals.....	618,857.00	497,127.34	15,071,472.61	
Teff.....	368,488.00	201,734.92	4,221,438.94	20.93
Barley.....	250,296.00	63,792.19	1,837,436.90	28.80
Wheat.....	186,482.00	71,351.01	2,362,113.80	33.11
Maize.....	423,531.00	108,930.79	5,040,554.89	46.27
Sorghum.....	125,537.00	50,627.85	1,594,545.14	31.50
Finger millet.....	-	-	-	-
Oats/'Aja'.....	10,014.00	*	*	*
Rice.....	-	-	-	-
Pulses.....	358,245.00	75,310.73	1,666,403.34	
Faba beans.....	257,662.00	32,649.24	772,590.47	23.66
Field peas.....	85,193.00	9,781.83	197,611.20	20.20
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	52,151.00	*	*	*
White Chick-peas	8,293.00	*	*	*
Lentils.....	18,937.00	*	*	*
Grass peas.....	55,882.00	12,005.34	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	33,223.00	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	91,430.00	30,939.27	366,661.30	
Neug.....	24,584.00	15,067.59	165,711.37	11.00
Linseed.....	41,292.00	15,383.86	193,499.43	12.58
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	33,732.00	414.89	6,570.46	15.84
Vegetables.....	295,033.00	*	384,338.15	
Lettuce.....	*	*	*	*
Head Cabbage.....	51,347.00	372.44	33,780.49	90.70
Ethiopian Cabbage.....	162,398.00	1,249.82	100,770.05	80.63
Tomatoes.....	*	*	*	*
Green peppers.....	126,939.00	352.63	22,247.21	63.09
Red peppers.....	32,037.00	*	*	*
Swiss chard.....	17,743.00	15.28	467.44	30.59
Root Crops.....	302,073.00	14,985.94	1,534,313.55	
Beetroot.....	113,372.00	468.42	44,993.70	96.05
Carrot.....	12,585.00	15.15	1,062.47	70.13
Onion.....	135,055.00	*	*	*
Potatoes.....	44,530.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	144,019.00	1,421.89	107,867.64	75.86
Taro/'Godere'.....	8,238.00	*	*	*
Sweet potatoes.....	12,131.00	*	*	*
Fruit Crops.....	86,707.00	463.96	32,799.83	
Avocados.....	-	-	-	-
Bananas.....	19,771.00	*	*	*
Guavas.....	46,831.00	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	11,422.00	*	*	*
Oranges.....	26,733.00	93.12	5,594.44	60.08
Papayas.....	7,860.00	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	28,893.00	208.17	1,567.58	7.53
Hops.....	82,193.00	*	*	*
Sugar Cane.....	200,468.00	996.26	15,244.14	15.30

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,526,989	324,400	365,632.54	20,975.36	0.21	0.24	0.01

Table 8.6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

North Shewa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	316,893.00	428,279.02	10,061,927.60	
Cereals.....	311,505.00	349,362.69	8,435,993.55	
Teff.....	250,985.00	153,666.06	3,080,332.81	20.05
Barley.....	83,038.00	52,227.55	1,172,995.72	22.46
Wheat.....	135,238.00	73,568.14	2,110,602.88	28.69
Maize.....	99,987.00	8,510.73	281,997.16	33.13
Sorghum.....	96,259.00	60,350.48	1,772,683.70	29.37
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	161,150.00	73,453.68	1,573,895.30	
Faba beans.....	111,999.00	37,012.44	876,807.41	23.69
Field peas.....	14,782.00	1,428.29	28,350.52	19.85
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	44,563.00	12,987.89	283,494.29	21.83
White Chick-peas	*	*	*	*
Lentils.....	10,980.00	7,999.93	109,005.57	13.63
Grass peas.....	72,098.00	13,303.49	262,369.87	19.72
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	51,230.00	5,462.64	52,038.75	
Neug.....	11,110.00	2,744.77	*	*
Linseed.....	17,947.00	2,457.32	23,979.67	9.76
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	21,011.00	*	*	*
Vegetables.....	72,460.00	265.86	14,602.47	
Lettuce.....	-	-	-	-
Head Cabbage.....	4,233.00	*	-	-
Ethiopian Cabbage.....	51,622.00	153.02	12,596.43	82.32
Tomatoes.....	*	*	*	*
Green peppers.....	12,776.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	4,033.00	*	*	*
Root Crops.....	77,631.00	*	*	
Beetroot.....	10,900.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	61,631.00	248.17	12,092.40	48.73
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	19,386.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	3,039.00	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	3,063.00	*	*	*
Oranges.....	4,200.00	*	*	*
Papayas.....	3,155.00	*	*	*
Pineapples.....	11,177.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	69,585.00	329.54	6,590.71	20.00

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

Table 8.7 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

East Shewa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	355,207.00	467,664.18	13,177,787.36	
Cereals.....	351,472.00	406,754.56	11,883,992.72	
Teff.....	247,816.00	184,352.08	3,889,071.63	21.10
Barley.....	31,030.00	5,558.57	*	*
Wheat.....	171,688.00	113,038.75	3,751,494.28	33.19
Maize.....	249,823.00	100,066.96	3,992,765.46	39.90
Sorghum.....	*	*	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	145,891.00	60,909.57	1,293,794.19	
Faba beans.....	60,986.00	8,773.70	213,766.41	24.36
Field peas.....	13,160.00	*	*	*
White haricot beans..... .	18,536.00	*	*	*
Red Haricot beans.....	32,960.00	*	*	*
Red Chick-peas.....	27,648.00	10,066.70	260,906.40	25.92
White Chick-peas	12,920.00	3,315.30	72,302.51	21.81
Lentils.....	7,346.00	8,928.30	141,197.32	15.81
Grass peas.....	21,429.00	4,812.70	114,693.39	23.83
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	27,888.00	5,727.28	366,644.53	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	11,032.00	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	9,713.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	24,321.00	5,218.56	363,655.39	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	20,434.00	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	4,750.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	7,512.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	*	-	-
Mangoes.....	*	*	*	*
Oranges.....	*	*	-	-
Papayas.....	-	-	-	-
Pineapples.....	3,449.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	18,992.00	323.45	6,986.32	21.60

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

Table 8.8 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Arsi

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	691,356.00	607,924.11	18,263,006.42	
Cereals.....	670,717.00	526,027.50	16,448,222.93	
Teff.....	261,972.00	96,841.75	1,715,981.18	17.72
Barley.....	193,520.00	93,520.95	3,039,954.65	32.51
Wheat.....	360,697.00	209,433.14	7,200,170.94	34.38
Maize.....	405,111.00	75,684.96	2,992,061.73	39.53
Sorghum.....	173,195.00	49,655.34	1,478,371.52	29.77
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	288,107.00	69,416.70	1,677,158.97	
Faba beans.....	206,269.00	43,214.74	1,101,324.70	25.48
Field peas.....	65,224.00	14,587.13	364,175.92	24.97
White haricot beans..... .	12,134.00	*	*	*
Red Haricot beans.....	12,630.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	18,314.00	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	18,510.00	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	49,770.00	12,479.91	137,624.51	
Neug.....	-	-	-	-
Linseed.....	38,627.00	11,379.90	122,886.17	10.80
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	73,808.00	2,219.07	100,432.51	
Lettuce.....	-	-	-	-
Head Cabbage.....	5,940.00	*	*	*
Ethiopian Cabbage.....	47,260.00	776.82	62,145.61	80.00
Tomatoes.....	*	*	*	*
Green peppers.....	14,051.00	142.26	6,131.24	43.10
Red peppers.....	11,467.00	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	75,565.00	10,592.88	807,039.22	
Beetroot.....	11,920.00	*	*	*
Carrot.....	17,352.00	*	*	*
Onion.....	22,311.00	6,510.44	461,858.66	70.94
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	31,876.00	1,206.28	98,141.27	81.36
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	30,623.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	4,365.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	54,500.00	5,543.05	38,385.39	6.92
Hops.....	45,157.00	*	*	*
Sugar Cane.....	30,613.00	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	70,577	15,346.33	17,296.92	992.28	0.22	0.25	0.01

Table 8.9 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Harerge

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	456,674.00	239,056.11	5,383,285.66	
Cereals.....	455,141.00	217,371.68	5,052,279.56	
Teff.....	49,838.00	8,641.91	*	*
Barley.....	60,772.00	3,618.28	55,609.33	15.37
Wheat.....	12,688.00	1,312.26	23,988.93	18.28
Maize.....	348,242.00	68,166.50	1,710,317.55	25.09
Sorghum.....	335,754.00	133,829.57	3,141,178.10	23.47
Finger millet.....	19,559.00	1,334.92	19,810.83	14.84
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	149,095.00	13,366.56	185,404.74	
Faba beans.....	10,045.00	480.57	5,916.12	12.31
Field peas.....	*	*	*	*
White haricot beans..... .	98,076.00	9,170.18	138,045.77	15.05
Red Haricot beans.....	8,783.00	542.69	*	*
Red Chick-peas.....	15,796.00	1,157.43	*	*
White Chick-peas	*	*	*	*
Lentils.....	5,956.00	*	*	*
Grass peas.....	*	*	*	*
Soya beans.....	*	*	*	*
Fenugreek.....	16,398.00	392.35	2,018.92	5.15
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	82,251.00	8,317.88	145,601.36	
Neug.....	*	*	*	*
Linseed.....	27,856.00	612.32	*	*
Groundnuts.....	43,898.00	6,976.60	137,433.12	19.70
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	96,920.00	15,246.32	370,495.12	
Lettuce.....	*	*	*	*
Head Cabbage.....	3,452.00	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	10,428.00	325.04	15,351.79	47.23
Green peppers.....	*	*	*	*
Red peppers.....	70,211.00	10,761.65	221,690.08	20.60
Swiss chard.....	-	-	-	-
Root Crops.....	115,623.00	5,137.50	1,035,461.71	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	5,076.00	172.67	12,261.05	71.01
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	3,728.00	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	110,611.00	4,832.87	1,017,462.89	210.53
Fruit Crops.....	63,497.00	1,171.37	87,589.37	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	45,068.00	750.60	65,655.09	87.47
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	20,736.00	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	5,774.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	321,438.00	61,214.31	544,234.97	8.89
Hops.....	106,462.00	11,715.02	74,620.15	6.37
Sugar Cane.....	3,055.00	*	*	*

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

Table 8.10 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

East Harerge

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	853,952.00	257,251.45	5,852,624.36	
Cereals.....	848,706.00	221,949.54	5,332,777.68	
Teff.....	*	*	*	*
Barley.....	99,312.00	*	81,840.95	*
Wheat.....	121,478.00	13,606.84	245,775.18	18.06
Maize.....	670,788.00	76,654.74	2,199,279.46	28.69
Sorghum.....	491,231.00	123,872.89	2,789,427.63	22.52
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	177,858.00	10,722.56	*	
Faba beans.....	71,173.00	3,134.16	44,605.61	14.23
Field peas.....	7,791.00	*	*	*
White haricot beans..... .	51,446.00	*	*	*
Red Haricot beans.....	20,554.00	584.65	6,877.21	11.76
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	20,782.00	468.11	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	67,787.00	1,645.60	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	194,011.00	24,579.35	360,585.16	
Neug.....	-	-	-	-
Linseed.....	52,420.00	1,263.73	*	*
Groundnuts.....	139,129.00	21,717.57	344,177.53	15.85
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	42,073.00	544.30	33,175.13	
Lettuce.....	*	*	*	*
Head Cabbage.....	14,220.00	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	7,643.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	309,013.00	11,564.79	3,676,276.19	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	51,287.00	957.37	76,059.04	79.45
Potatoes.....	49,631.00	1,478.98	150,589.47	101.82
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	239,979.00	7,929.01	3,366,476.63	424.58
Fruit Crops.....	214,754.00	2,682.92	228,131.58	
Avocados.....	-	-	-	-
Bananas.....	6,665.00	*	*	*
Guavas.....	129,922.00	1,352.30	112,085.44	82.89
Lemons.....	38,632.00	121.40	8,594.90	70.80
Mangoes.....	7,926.00	*	*	*
Oranges.....	78,110.00	838.11	68,671.66	81.94
Papayas.....	*	*	*	*
Pineapples.....	29,679.00	*	*	*
Chat.....	*	*	*	*
Coffee.....	759,759.00	112,063.76	1,070,444.21	9.55
Hops.....	179,694.00	6,732.35	32,919.29	4.89
Sugar Cane.....	-	-	-	-

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

Table 8.11 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Bale

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	285,721.00	272,413.07	7,731,534.63	
Cereals.....	257,526.00	226,610.69	7,026,521.83	
Teff.....	94,000.00	46,357.74	850,550.18	18.35
Barley.....	48,466.00	21,926.79	655,989.82	29.92
Wheat.....	129,869.00	129,121.39	4,561,911.12	35.33
Maize.....	112,936.00	17,137.93	647,834.76	37.80
Sorghum.....	11,285.00	6,679.70	183,563.53	27.48
Finger millet.....	-	-	-	-
Oats/'Aja'.....	18,126.00	5,387.14	126,672.42	23.51
Rice.....	-	-	-	-
Pulses.....	85,667.00	38,534.08	633,702.95	
Faba beans.....	35,568.00	8,710.52	213,727.49	24.54
Field peas.....	18,465.00	4,350.66	99,663.73	22.91
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	6,144.00	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	18,793.00	7,268.31	71,309.84	
Neug.....	-	-	-	-
Linseed.....	7,651.00	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	9,945.00	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	26,937.00	1,298.48	50,687.14	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	21,745.00	404.32	36,524.67	90.34
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	23,655.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	5,957.00	*	*	*
Fruit Crops.....	46,091.00	1,981.64	167,678.05	
Avocados.....	-	-	-	-
Bananas.....	12,927.00	331.47	23,883.94	72.05
Guavas.....	35,926.00	962.17	88,909.22	92.40
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	16,677.00	416.54	31,240.78	75.00
Papayas.....	*	*	*	*
Pineapples.....	10,847.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	12,056.00	1,163.38	10,127.55	8.71
Hops.....	50,757.00	26,417.60	127,874.43	4.84
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	2,208,478	530,263.17	597,661.55	34,286.28	0.24	0.27	0.02

Table 8.12 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Borena

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	43,987.00	16,803.89	200,126.00	
Cereals.....	33,500.00	11,172.56	139,045.23	
Teff.....	4,347.00	*	*	*
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	28,515.00	6,716.82	89,120.89	13.27
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	25,632.00	5,631.33	61,080.77	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	24,393.00	5,447.35	57,716.15	10.60
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 8.13 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

South-West Shewa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	356,334.00	384,457.62	9,918,254.40	
Cereals.....	348,510.00	302,232.88	8,110,966.33	
Teff.....	266,002.00	168,196.76	3,575,194.23	21.26
Barley.....	99,217.00	27,274.79	799,085.92	29.30
Wheat.....	157,313.00	72,741.68	2,291,792.78	31.51
Maize.....	243,970.00	30,340.16	1,335,147.71	44.01
Sorghum.....	43,484.00	3,558.39	107,069.24	30.09
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	225,157.00	76,485.80	1,750,055.34	
Faba beans.....	153,497.00	22,675.55	551,683.41	24.33
Field peas.....	25,651.00	5,313.80	107,665.65	20.26
White haricot beans..... .	3,707.00	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	87,895.00	28,374.60	696,576.58	24.55
White Chick-peas…	11,372.00	3,151.56	68,436.36	21.72
Lentils.....	8,652.00	*	*	*
Grass peas.....	62,055.00	12,709.21	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	38,807.00	5,738.95	57,232.72	
Neug.....	*	*	*	*
Linseed.....	16,022.00	*	41,240.54	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	20,914.00	236.87	3,196.81	13.50
Vegetables.....	170,100.00	2,229.16	131,377.57	
Lettuce.....	*	*	*	*
Head Cabbage.....	8,733.00	*	*	*
Ethiopian Cabbage.....	124,848.00	634.16	60,435.98	95.30
Tomatoes.....	20,202.00	*	*	*
Green peppers.....	89,497.00	135.42	6,995.09	51.65
Red peppers.....	*	*	*	*
Swiss chard.....	4,638.00	*	*	*
Root Crops.....	102,633.00	2,528.33	299,389.67	
Beetroot.....	28,658.00	*	*	*
Carrot.....	5,050.00	*	*	*
Onion.....	19,199.00	*	*	*
Potatoes.....	14,885.00	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	34,311.00	81.46	5,342.11	65.58
Taro/'Godere'.....	16,952.00	*	*	*
Sweet potatoes.....	14,144.00	*	*	*
Fruit Crops.....	95,394.00	482.16	49,995.63	
Avocados.....	-	-	-	-
Bananas.....	42,082.00	147.70	16,370.04	110.83
Guavas.....	44,877.00	138.05	17,786.91	128.84
Lemons.....	*	*	*	*
Mangoes.....	16,372.00	*	*	*
Oranges.....	32,663.00	82.28	6,354.67	77.23
Papayas.....	26,438.00	55.57	4,473.84	80.51
Pineapples.....	18,441.00	21.01	2,701.98	128.60
Chat.....	-	-	-	-
Coffee.....	74,468.00	2,533.87	19,675.75	7.77
Hops.....	87,932.00	610.97	3,396.95	5.56
Sugar Cane.....	100,798.00	457.85	10,341.13	22.59

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	2,370,079	442,195.94	498,400.76	28,591.90	0.19	0.21	0.01

Table 8.14 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Guji

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	271,976.00	142,031.32	3,426,810.94	
Cereals.....	255,612.00	107,568.29	2,841,330.62	
Teff.....	80,741.00	42,940.62	717,973.16	16.72
Barley.....	88,550.00	19,847.01	434,649.54	21.90
Wheat.....	19,205.00	*	*	*
Maize.....	157,893.00	35,349.65	1,431,660.82	40.50
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	152,913.00	34,398.96	584,897.14	
Faba beans.....	93,781.00	13,393.92	250,731.58	18.72
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	53,420.00	13,003.92	235,293.67	18.09
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	4,045.00	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	98,087.00	2,536.82	201,837.41	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	85,761.00	1,442.20	141,670.52	98.23
Tomatoes.....	*	*	*	*
Green peppers.....	20,445.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	35,740.00	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	13,397.00	*	*	*
Fruit Crops.....	70,062.00	3,576.58	261,693.61	
Avocados.....	-	-	-	-
Bananas.....	36,708.00	1,305.46	80,670.25	61.79
Guavas.....	44,959.00	2,224.01	178,020.50	80.04
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	26,334.00	*	*	*
Hops.....	138,427.00	33,710.62	231,443.94	6.87
Sugar Cane.....	*	*	*	*

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	13,555,948	3,572,951.29	3,811,044.9	257,666.10	0.26	0.28	0.02

Table 8.15 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Guji

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	170,325.00	27,169.55	710,273.37	
Cereals.....	100,110.00	17,134.75	523,154.15	
Teff.....	*	*	*	*
Barley.....	6,228.00	*	*	*
Wheat.....	6,234.00	*	*	*
Maize.....	87,026.00	9,180.49	378,800.07	41.26
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	108,110.00	9,997.68	186,678.60	
Faba beans.....	28,124.00	*	*	*
Field peas.....	*	*	*	*
White haricot beans..... .	18,407.00	*	*	*
Red Haricot beans.....	69,310.00	5,222.94	93,251.49	17.85
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	161,517.00	3,243.48	324,951.80	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	160,730.00	3,199.30	323,950.00	101.26
Tomatoes.....	-	-	-	-
Green peppers.....	5,891.00	*	*	*
Red peppers.....	*	*	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	41,632.00	1,572.99	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	7,246.00	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	24,476.00	*	*	*
Fruit Crops.....	131,484.00	4,290.23	427,078.96	
Avocados.....	-	-	-	-
Bananas.....	64,363.00	*	*	*
Guavas.....	79,377.00	1,526.50	168,274.04	110.24
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	347,308.00	72,580.34	458,249.12	6.31
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	22,437,007	5,877,512.38	6,540,640.75	394,635.98	0.26	0.29	0.02

Table 8.16 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Kelem Wellega

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	271,896.00	168,064.94	5,433,059.46	
Cereals.....	270,717.00	147,670.48	5,089,042.54	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	254,201.00	65,320.72	2,985,884.25	45.71
Sorghum.....	176,943.00	38,259.49	1,115,179.01	29.15
Finger millet.....	181,919.00	26,202.87	640,967.25	24.46
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	169,323.00	14,128.07	278,515.55	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	124,014.00	9,352.31	184,480.49	19.73
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	70,475.00	6,266.39	65,501.37	
Neug.....	20,225.00	2,158.62	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	18,376.00	447.12	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	185,778.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	46.09	4,706.64	102.12
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	-	-	-	-
Green peppers.....	*	*	*	*
Red peppers.....	155,057.00	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	82,617.00	1,541.99	626,856.30	
Beetroot.....	-	-	-	-
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	54,932.00	370.31	37,834.96	102.17
Sweet potatoes.....	51,058.00	*	*	*
Fruit Crops.....	177,528.00	2,183.70	215,617.68	
Avocados.....	-	-	-	-
Bananas.....	29,700.00	157.28	14,261.74	90.68
Guavas.....	111,424.00	1,196.64	113,405.85	94.77
Lemons.....	10,083.00	24.72	519.31	21.01
Mangoes.....	*	*	*	*
Oranges.....	78,145.00	426.31	38,290.43	89.82
Papayas.....	*	*	*	*
Pineapples.....	73,774.00	274.89	40,895.81	148.77
Chat.....	-	-	-	-
Coffee.....	60,179.00	*	*	*
Hops.....	239,116.00	45,641.77	293,891.73	6.44
Sugar Cane.....	41,342.00	246.40	665.29	2.70

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	57,455	13,179.44	14,854.62	852.16	0.23	0.26	0.01

[Remark: From the total planned 34 EA's in Kellem Wellega, due to secuirity problems, the survey was sucssesfully cover only 7 EAs in Kellem Wellega hence we used other proxy information to produce the zonal level estimate]

Table 8.17 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Horo Guduru Wollega

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	148,338.00	289,497.75	7,979,734.73	
Cereals.....	147,180.00	218,453.90	7,047,855.79	
Teff.....	99,631.00	86,700.38	1,710,963.61	19.73
Barley.....	31,286.00	13,895.38	356,626.28	25.67
Wheat.....	40,497.00	27,337.41	891,584.57	32.61
Maize.....	140,040.00	79,015.17	3,756,036.92	47.54
Sorghum.....	*	*	*	*
Finger millet.....	3,082.00	580.62	*	*
Oats/'Aja'.....	1,629.00	25.06	*	*
Rice.....	*	*	*	*
Pulses.....	83,574.00	21,289.28	397,018.26	
Faba beans.....	48,576.00	6,680.41	150,941.79	22.59
Field peas.....	37,603.00	9,835.80	161,178.73	16.39
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	10,451.00	74.40	968.72	13.02
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	72,932.00	49,754.58	534,860.68	
Neug.....	55,216.00	34,634.35	388,095.44	11.21
Linseed.....	1,907.00	93.54	946.10	10.11
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	19,186.00	595.60	*	*
Vegetables.....	59,607.00	1,138.17	39,864.44	
Lettuce.....	*	*	*	*
Head Cabbage.....	14,236.00	*	*	*
Ethiopian Cabbage.....	11,695.00	126.61	11,590.93	91.55
Tomatoes.....	*	*	*	*
Green peppers.....	26,176.00	103.37	7,273.00	70.36
Red peppers.....	20,640.00	*	*	*
Swiss chard.....	1,517.00	1.11	58.93	53.09
Root Crops.....	53,215.00	461.31	53,617.00	
Beetroot.....	18,183.00	55.97	5,133.37	91.72
Carrot.....	5,779.00	8.34	375.63	45.04
Onion.....	14,036.00	40.69	3,154.72	77.53
Potatoes.....	7,440.00	267.24	35,465.63	132.71
Yam/'Boye'.....	-	-	-	-
Garlic.....	34,428.00	76.72	5,102.80	66.51
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	35,505.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	22,358.00	90.16	5,192.87	57.60
Lemons.....	-	-	-	-
Mangoes.....	3,298.00	8.54	426.81	49.98
Oranges.....	11,200.00	*	*	*
Papayas.....	3,100.00	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	14,976.00	*	*	*
Hops.....	22,778.00	*	*	*
Sugar Cane.....	39,880.00	310.95	5,907.74	19.00

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

Table 8.18 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

West Arsi

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	430,709.00	321,906.44	10,721,097.21	
Cereals.....	412,478.00	290,242.91	10,095,624.22	
Teff.....	69,413.00	18,447.29	328,493.40	17.81
Barley.....	179,262.00	72,496.75	2,219,882.39	30.62
Wheat.....	166,569.00	120,724.14	4,183,076.57	34.65
Maize.....	253,268.00	72,151.73	3,202,208.08	44.38
Sorghum.....	9,460.00	*	*	*
Finger millet.....	47,240.00	4,615.80	113,523.56	24.59
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	101,473.00	24,315.09	520,645.42	
Faba beans.....	27,740.00	6,078.07	153,473.23	25.25
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	65,423.00	14,286.41	278,446.44	19.49
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	168,821.00	7,281.50	387,185.51	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	151,800.00	2,360.95	207,541.84	87.91
Tomatoes.....	*	*	*	*
Green peppers.....	5,670.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	131,052.00	20,638.98	2,710,311.05	
Beetroot.....	13,101.00	383.41	42,260.95	110.22
Carrot.....	*	*	*	*
Onion.....	-	-	-	-
Potatoes.....	98,431.00	18,830.42	2,458,790.81	130.58
Yam/'Boye'.....	-	-	-	-
Garlic.....	12,390.00	753.42	53,887.64	71.52
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	15,681.00	*	*	*
Fruit Crops.....	41,625.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	12,569.00	*	*	*
Guavas.....	35,956.00	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	-	-	-	-
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	22,901,557	5,608,045.64	6,320,848.74	362,610.6	0.24	0.28	0.02

Table 8.19 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Buno Bedele

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	162,749.00	166,581.43	4,946,279.04	
Cereals.....	160,927.00	145,088.32	4,583,987.63	
Teff.....	100,939.00	61,544.66	1,151,170.16	18.70
Barley.....	26,541.00	4,659.53	115,186.80	24.72
Wheat.....	12,733.00	1,751.16	49,907.88	28.50
Maize.....	140,323.00	56,906.03	2,673,906.42	46.99
Sorghum.....	54,195.00	15,368.71	460,123.76	29.94
Finger millet.....	26,725.00	3,206.68	84,542.70	26.36
Oats/'Aja'.....	-	-	-	-
Rice.....	7,159.00	1,651.55	49,149.91	29.76
Pulses.....	77,968.00	10,239.67	198,891.32	
Faba beans.....	30,816.00	3,132.51	69,886.97	22.31
Field peas.....	18,767.00	*	*	*
White haricot beans..... .	28,842.00	532.42	8,918.49	16.75
Red Haricot beans.....	28,382.00	432.84	8,440.43	19.50
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	10,079.00	59.25	563.76	9.51
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	42,075.00	11,253.44	163,400.09	
Neug.....	17,548.00	3,458.96	44,654.10	12.91
Linseed.....	6,406.00	*	*	*
Groundnuts.....	14,508.00	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	5,299.00	*	*	*
Vegetables.....	95,477.00	2,539.87	*	
Lettuce.....	*	*	*	*
Head Cabbage.....	25,676.00	59.52	4,205.28	70.65
Ethiopian Cabbage.....	41,459.00	*	*	*
Tomatoes.....	3,707.00	*	*	*
Green peppers.....	45,450.00	*	*	*
Red peppers.....	31,951.00	*	*	*
Swiss chard.....	*	*	-	-
Root Crops.....	85,686.00	1,066.92	312,731.59	
Beetroot.....	25,118.00	52.97	4,092.06	77.25
Carrot.....	1,986.00	*	*	*
Onion.....	7,063.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	13,620.00	17.53	981.87	56.01
Taro/'Godere'.....	49,421.00	208.74	27,173.21	130.18
Sweet potatoes.....	21,901.00	679.47	273,780.99	402.93
Fruit Crops.....	110,305.00	2,295.17	222,019.24	
Avocados.....	-	-	-	-
Bananas.....	55,740.00	250.01	21,995.22	87.98
Guavas.....	82,051.00	1,600.87	159,527.77	99.65
Lemons.....	8,942.00	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	36,748.00	322.95	28,787.27	89.14
Papayas.....	7,585.00	30.34	2,753.76	90.76
Pineapples.....	18,946.00	52.87	6,892.58	130.37
Chat.....	*	*	*	*
Coffee.....	86,607.00	5,122.43	43,615.78	8.51
Hops.....	113,071.00	29,186.05	177,769.90	6.09
Sugar Cane.....	8,396.00	21.66	383.34	17.70

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	200,256	47,079.29	53,063.28	3,044.10	0.24	0.26	0.02

Table 8.20 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Finfinne Zuria Special Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	109,659.00	138,973.95	3,324,998.32	
Cereals.....	100,323.00	105,228.03	2,668,898.15	
Teff.....	64,031.00	45,131.32	886,987.43	19.65
Barley.....	38,788.00	22,045.91	610,470.07	27.69
Wheat.....	62,671.00	35,352.30	1,075,243.73	30.42
Maize.....	33,999.00	1,667.62	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	65,728.00	33,214.68	651,847.87	
Faba beans.....	30,447.00	5,128.19	105,129.44	20.50
Field peas.....	10,192.00	1,892.07	33,410.53	17.66
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	19,891.00	7,029.19	170,903.46	24.31
White Chick-peas	10,485.00	4,030.40	*	*
Lentils.....	12,436.00	*	*	*
Grass peas.....	28,158.00	8,637.94	178,540.27	20.67
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	10,003.00	531.25	4,252.31	
Neug.....	*	*	*	*
Linseed.....	2,454.00	466.17	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	6,512.00	63.42	665.90	10.50
Vegetables.....	55,091.00	514.67	69,712.93	
Lettuce.....	*	*	*	*
Head Cabbage.....	2,885.00	*	*	*
Ethiopian Cabbage.....	47,810.00	396.26	59,005.80	148.91
Tomatoes.....	*	*	-	-
Green peppers.....	9,120.00	3.39	241.48	71.23
Red peppers.....	-	-	-	-
Swiss chard.....	10,756.00	*	*	*
Root Crops.....	36,052.00	*	*	
Beetroot.....	2,846.00	*	*	*
Carrot.....	3,698.00	*	*	*
Onion.....	2,858.00	*	*	*
Potatoes.....	3,807.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	29,037.00	274.81	17,945.93	65.30
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	4,883.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	*	*	*	*
Lemons.....	*	-	-	-
Mangoes.....	*	*	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	-	-
Pineapples.....	*	*	-	-
Chat.....	-	-	-	-
Coffee.....	2,317.00	*	*	*
Hops.....	2,973.00	*	*	*
Sugar Cane.....	25,199.00	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	51,128	11,775.63	13,272.36	761.40	0.23	0.26	0.01

Table 8.21 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

East Bale

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	113,809.00	110,740.32	3,394,228.05	
Cereals.....	107,805.00	105,398.41	3,328,788.69	
Teff.....	34,765.00	14,759.93	228,773.75	15.50
Barley.....	14,325.00	4,117.97	96,568.52	23.45
Wheat.....	57,088.00	67,061.24	2,340,444.76	34.90
Maize.....	49,729.00	11,858.62	461,159.12	38.89
Sorghum.....	22,452.00	6,368.54	172,974.15	27.16
Finger millet.....	*	*	*	*
Oats/'Aja'.....	9,942.00	*	*	*
Rice.....	-	-	-	-
Pulses.....	22,364.00	5,297.05	64,901.12	
Faba beans.....	*	*	*	*
Field peas.....	7,179.00	1,477.00	30,498.65	20.65
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	6,644.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	7,954.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	2,839.00	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	5,032.00	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	31,925.00	13,771.89	110,553.90	8.03
Hops.....	4,315.00	*	*	*
Sugar Cane.....	*	*	*	*

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

Table 9 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Somali Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	143,596.00	103,923.16	1,898,230.72	
Cereals.....	143,365.00	102,849.56	1,890,861.63	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	70,167.00	53,753.17	1,084,435.91	20.17
Sorghum.....	83,201.00	45,321.84	782,935.09	17.28
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	*	*	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	2,849.00	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	7,886.00	3,357.10	180,906.80	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	7,772.00	3,356.34	180,906.80	53.90
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	4,441.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	23.85	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	2,539.00	656.89	3,437.54	5.23
Hops.....	*	*	*	*
Sugar Cane.....	-	-	-	-

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

Table 9.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Siti

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	4,802.00	1,742.23	19,108.00	
Cereals.....	4,802.00	1,742.23	19,108.00	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	*	*
Sorghum.....	4,279.00	1,685.67	18,542.36	11.00
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	22.72	654.39	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	708.00	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	594.00	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	*	*	*	*
Sugar Cane.....	-	-	-	-

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

Table 9.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Fafan

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	38,323.00	54,609.35	1,184,199.49	
Cereals.....	38,265.00	54,259.91	1,180,132.05	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	23,426.00	24,941.68	615,310.91	24.67
Sorghum.....	24,574.00	27,831.79	541,330.52	19.45
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	*	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	*	*	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	1,017.00	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21(2013 E.C) Meher Season

Jerer

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	52,756.00	11,422.29	170,176.09	
Cereals.....	52,756.00	11,422.29	170,176.09	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	11,483.00	1,544.18	29,215.78	18.92
Sorghum.....	41,272.00	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Erer

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	922.00	96.27	*	
Cereals.....	922.00	96.27	*	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	635.00	*	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Korahe

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	*	*	*	
Cereals.....	*	*	*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	*	*	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Shebele

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	32,235.00	29,698.06	453,502.87	
Cereals.....	32,063.00	29,486.29	453,502.87	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	26,547.00	24,447.77	387,498.30	15.85
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	*	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.7 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Liben

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	*	*	*	
Cereals.....	*	*	*	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	*	*	-	-
Maize.....	*	*	*	*
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.8 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Dawa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	*	*	*	
Cereals.....	*	*	*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	*	*
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.9 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Dollo

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	-	-	-	
Cereals.....	-	-	-	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	-	-	-	-
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.10 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Afdear

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	*	*	*	
Cereals.....	*	*	*	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	*	*	*	*
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	*	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	*	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 9.11 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Nogob

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	-	-	-	
Cereals.....	-	-	-	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	-	-	-	-
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	-	-	-	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	-	-	-	-
Fruit Crops.....	-	-	-	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	-	-	-	-
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	-	-	-	-
Papayas.....	-	-	-	-
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 10 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Benishangul-Gumuz Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	236,510.00	255,589.87	7,097,770.88	
Cereals.....	232,562.00	178,857.41	5,698,681.84	
Teff.....	53,786.00	22,021.32	334,445.20	15.19
Barley.....	*	*	*	*
Wheat.....	10,905.00	*	*	*
Maize.....	210,036.00	71,802.87	3,089,091.88	43.02
Sorghum.....	79,085.00	39,742.10	*	*
Finger millet.....	56,751.00	23,553.74	525,376.30	22.31
Oats/'Aja'.....	*	*	*	*
Rice.....	19,393.00	*	*	*
Pulses.....	91,429.00	30,703.30	702,510.61	
Faba beans.....	16,685.00	733.64	13,271.73	18.09
Field peas.....	11,579.00	812.44	12,211.37	15.03
White haricot beans..... .	7,343.00	774.73	*	*
Red Haricot beans.....	17,242.00	1,556.01	25,602.34	16.45
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	49,585.00	26,305.20	630,257.26	23.96
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	1,228.00	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	113,069.00	46,029.15	696,578.43	
Neug.....	17,388.00	9,326.01	89,769.64	9.63
Linseed.....	8,478.00	380.36	2,452.82	6.45
Groundnuts.....	84,372.00	28,898.73	554,054.95	19.17
Safflower.....	*	*	*	*
Sesame.....	22,982.00	7,246.38	48,931.88	6.75
Rape seed.....	*	*	*	*
Vegetables.....	41,085.00	2,523.69	32,165.28	
Lettuce.....	-	-	-	-
Head Cabbage.....	2,581.00	*	*	*
Ethiopian Cabbage.....	12,296.00	73.46	3,070.29	41.80
Tomatoes.....	*	*	*	*
Green peppers.....	*	11.36	257.00	22.62
Red peppers.....	22,625.00	2,410.09	26,958.72	11.19
Swiss chard.....	*	*	*	*
Root Crops.....	48,064.00	1,372.72	208,227.11	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	4,011.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	5,771.00	27.02	8,991.56	332.77
Sweet potatoes.....	20,163.00	437.17	67,191.53	153.70
Fruit Crops.....	129,572.00	2,376.28	148,855.67	
Avocados.....	-	-	-	-
Bananas.....	6,518.00	*	*	*
Guavas.....	43,596.00	557.75	*	*
Lemons.....	20,081.00	*	*	*
Mangoes.....	11,337.00	28.74	923.04	32.12
Oranges.....	102,498.00	1,440.27	86,389.95	59.98
Papayas.....	21,213.00	162.43	5,495.99	33.84
Pineapples.....	36,102.00	76.25	5,940.89	77.91
Chat.....	*	*	*	*
Coffee.....	9,512.00	723.60	4,813.81	6.65
Hops.....	24,067.00	729.51	3,909.48	5.36
Sugar Cane.....	14,416.00	*	*	*

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

Remark: Atotal of 24 EAs in Kamashi was sampled. However, due to secuirity problems, the survey was sucssesfully covered only 12 EAs in Kamashi hence we used other proxy information to produce zonal level estimate

Table 10.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Metekel

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	138,622.00	155,962.51	4,220,555.17	
Cereals.....	136,109.00	103,736.66	3,158,057.49	
Teff.....	39,686.00	17,091.73	263,817.00	15.44
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	129,843.00	38,973.71	1,699,528.25	43.61
Sorghum.....	10,234.00	*	*	*
Finger millet.....	49,193.00	21,893.81	495,721.87	22.64
Oats/'Aja'.....	-	-	-	-
Rice.....	19,393.00	*	*	*
Pulses.....	62,286.00	22,873.59	544,449.44	
Faba beans.....	16,172.00	697.73	12,647.66	18.13
Field peas.....	*	810.90	12,196.43	15.04
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	3,786.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	39,747.00	20,852.93	511,047.10	24.51
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	*	*	*	*
Oilseeds.....	74,307.00	29,352.26	518,048.24	
Neug.....	4,806.00	2,259.88	21,787.51	9.64
Linseed.....	*	*	*	*
Groundnuts.....	65,544.00	24,355.25	476,482.66	19.56
Safflower.....	*	*	*	*
Sesame.....	10,707.00	2,498.80	18,098.45	7.24
Rape seed.....	*	*	*	*
Vegetables.....	26,080.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	9,260.00	*	*	*
Tomatoes.....	-	-	-	-
Green peppers.....	*	*	*	*
Red peppers.....	13,483.00	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	27,163.00	*	*	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	5,551.00	37.83	5,467.31	144.52
Fruit Crops.....	69,144.00	1,493.10	104,832.82	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	16,301.00	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	61,389.00	932.82	63,146.16	67.69
Papayas.....	7,711.00	*	*	*
Pineapples.....	23,341.00	40.21	3,012.07	74.91
Chat.....	-	-	-	-
Coffee.....	1,600.00	*	*	*
Hops.....	13,007.00	*	*	*
Sugar Cane.....	11,190.00	*	*	*

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

Table 10.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Asosa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	60,810.00	55,792.65	1,441,840.37	
Cereals.....	60,086.00	40,597.58	*	
Teff.....	10,108.00	4,043.10	61,264.60	15.15
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	47,887.00	8,351.83	351,961.68	42.14
Sorghum.....	46,230.00	26,946.59	*	*
Finger millet.....	4,225.00	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	20,448.00	5,925.39	120,297.01	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
White haricot beans..... .	5,117.00	475.67	*	*
Red Haricot beans.....	7,722.00	441.37	*	*
Red Chick-peas.....	470.00	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	9,002.00	4,587.26	99,238.95	21.63
Fenugreek.....	*	*	-	-
Mung bean /"Masho"…..	1,195.00	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	24,631.00	*	92,256.90	
Neug.....	8,263.00	*	*	*
Linseed.....	3,796.00	146.56	902.38	6.16
Groundnuts.....	13,253.00	1,332.87	23,656.39	17.75
Safflower.....	-	-	-	-
Sesame.....	6,404.00	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	12,536.00	1,602.32	17,122.87	
Lettuce.....	-	-	-	-
Head Cabbage.....	858.00	*	*	*
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	1,142.00	*	*	*
Red peppers.....	8,607.00	1,548.87	14,714.29	9.50
Swiss chard.....	-	-	-	-
Root Crops.....	12,056.00	461.98	56,124.35	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	805.00	*	*	*
Sweet potatoes.....	9,579.00	*	*	*
Fruit Crops.....	41,192.00	544.39	30,581.50	
Avocados.....	-	-	-	-
Bananas.....	3,475.00	7.37	*	*
Guavas.....	17,543.00	110.75	9,355.60	84.47
Lemons.....	9,778.00	12.23	*	*
Mangoes.....	6,284.00	20.53	678.62	33.06
Oranges.....	29,537.00	345.80	17,723.66	51.25
Papayas.....	8,634.00	24.29	937.84	38.61
Pineapples.....	9,333.00	23.43	1,885.78	80.49
Chat.....	*	*	*	*
Coffee.....	4,001.00	*	*	*
Hops.....	5,555.00	33.04	148.69	4.50
Sugar Cane.....	3,037.00	*	*	*

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

Table 10.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Kemashi

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	24,519.00	34,444.08	1,194,146.37	
Cereals.....	23,892.00	27,743.84	1,102,964.94	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	20,964.00	*	*	*
Sorghum.....	13,980.00	5,915.10	175,251.01	29.63
Finger millet.....	779.00	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	4,036.00	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	6,621.00	5,458.22	*	
Neug.....	482.00	*	*	*
Linseed.....	-	-	-	-
Groundnuts.....	2,048.00	*	*	*
Safflower.....	*	*	*	*
Sesame.....	4,456.00	2,717.39	17,702.85	6.51
Rape seed.....	*	*	*	*
Vegetables.....	723.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	3,624.00	15.75	2,585.51	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	*	*	*	*
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	1,910.00	11.89	1,906.28	160.33
Fruit Crops.....	10,257.00	186.24	4,397.19	
Avocados.....	-	-	-	-
Bananas.....	1,135.00	*	*	*
Guavas.....	3,548.00	16.15	1,251.74	77.51
Lemons.....	*	*	*	*
Mangoes.....	751.00	*	*	*
Oranges.....	7,805.00	*	*	*
Papayas.....	1,667.00	16.64	647.27	38.90
Pineapples.....	1,802.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	*	*	*	*
Sugar Cane.....	*	*	*	*

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

Remark: A Total of 24 EAs in Kamashi was selected. However, due to secuirity problems, the survey sucssesfully covered only 12 EAs in Kamashi hence we used other proxy information to produce zonal level estimate

Table 10.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Mao Komo

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	12,558.00	9,390.63	241,228.98	
Cereals.....	12,475.00	6,779.33	208,372.94	
Teff.....	3,697.00	877.99	9,246.42	10.53
Barley.....	*	*	*	*
Wheat.....	1,956.00	494.02	13,886.21	28.11
Maize.....	11,342.00	2,746.00	112,012.30	40.79
Sorghum.....	8,642.00	2,330.36	66,429.99	28.51
Finger millet.....	2,555.00	314.96	6,523.02	20.71
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	4,659.00	662.30	11,105.60	
Faba beans.....	401.00	33.52	579.09	17.28
Field peas.....	*	*	*	*
White haricot beans..... .	359.00	*	*	*
Red Haricot beans.....	3,860.00	479.94	8,096.36	16.87
Red Chick-peas.....	-	-	-	-
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	7,510.00	1,949.00	21,750.43	
Neug.....	3,837.00	1,136.00	12,352.45	10.87
Linseed.....	3,121.00	158.83	1,016.26	6.40
Groundnuts.....	3,527.00	491.13	7,368.19	15.00
Safflower.....	-	-	-	-
Sesame.....	1,415.00	161.27	985.47	6.11
Rape seed.....	*	*	*	*
Vegetables.....	1,746.00	19.90	1,022.87	
Lettuce.....	-	-	-	-
Head Cabbage.....	156.00	0.48	49.14	102.38
Ethiopian Cabbage.....	1,040.00	*	*	*
Tomatoes.....	168.00	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	427.00	2.49	42.79	17.18
Swiss chard.....	-	-	-	-
Root Crops.....	5,221.00	105.37	19,559.39	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	821.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	2,097.00	18.61	6,513.82	350.02
Sweet potatoes.....	3,122.00	45.97	10,029.74	218.18
Fruit Crops.....	8,979.00	152.54	9,044.16	
Avocados.....	-	-	-	-
Bananas.....	1,008.00	1.46	*	*
Guavas.....	6,204.00	55.84	3,947.14	70.69
Lemons.....	390.00	*	*	*
Mangoes.....	511.00	0.77	32.24	41.87
Oranges.....	3,767.00	61.67	3,490.53	56.60
Papayas.....	3,201.00	23.86	925.78	38.80
Pineapples.....	1,626.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	3,912.00	560.29	3,681.69	6.57
Hops.....	4,634.00	561.52	3,329.94	5.93
Sugar Cane.....	*	*	*	*

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

Table 11 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

S.N.N.P. Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	3,566,543.00	1,077,135.33	28,926,133.22	
Cereals.....	2,998,275.00	848,914.75	24,960,903.24	
Teff.....	1,224,860.00	234,350.83	3,744,279.61	15.98
Barley.....	789,117.00	75,440.14	1,837,372.85	24.36
Wheat.....	761,835.00	147,640.62	4,316,813.66	29.24
Maize.....	1,372,318.00	313,799.28	13,073,993.93	41.66
Sorghum.....	562,834.00	62,926.09	1,617,878.68	25.71
Finger millet.....	98,958.00	9,362.30	226,014.97	24.14
Oats/'Aja'.....	10,940.00	300.75	4,883.26	16.24
Rice.....	16,562.00	5,094.74	139,666.28	27.41
Pulses.....	2,094,314.00	223,347.62	3,914,052.88	
Faba beans.....	1,092,740.00	78,285.14	1,589,948.14	20.31
Field peas.....	593,686.00	62,856.04	1,005,050.66	15.99
White haricot beans..... .	56,785.00	2,226.49	41,434.49	18.61
Red Haricot beans.....	872,962.00	66,322.01	1,057,699.22	15.95
Red Chick-peas.....	24,747.00	*	*	*
White Chick-peas	41,399.00	3,100.39	41,748.44	13.47
Lentils.....	10,307.00	271.64	2,585.70	9.52
Grass peas.....	*	*	*	*
Soya beans.....	23,556.00	412.58	5,747.30	13.93
Fenugreek.....	19,579.00	*	984.66	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	*	*	*	*
Oilseeds.....	80,751.00	4,872.97	51,177.10	
Neug.....	*	*	*	*
Linseed.....	34,216.00	516.50	3,239.24	6.27
Groundnuts.....	9,183.00	*	*	*
Safflower.....	15,565.00	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	14,188.00	129.23	*	*
Vegetables.....	2,482,210.00	47,181.85	3,068,317.01	
Lettuce.....	*	*	*	*
Head Cabbage.....	85,991.00	1,543.90	118,403.60	76.69
Ethiopian Cabbage.....	2,330,611.00	24,424.17	2,447,771.29	100.22
Tomatoes.....	58,565.00	518.76	23,008.47	44.35
Green peppers.....	269,154.00	1,912.49	131,447.26	68.73
Red peppers.....	164,385.00	18,697.16	347,686.39	18.60
Swiss chard.....	26,194.00	70.60	*	*
Root Crops.....	2,770,590.00	132,408.01	30,819,110.99	
Beetroot.....	75,206.00	373.07	34,597.52	92.74
Carrot.....	75,787.00	584.22	30,074.89	51.48
Onion.....	116,661.00	1,098.12	96,061.05	87.48
Potatoes.....	308,899.00	13,440.14	2,224,777.04	165.53
Yam/'Boye'.....	301,725.00	4,042.77	442,502.38	109.46
Garlic.....	115,432.00	382.07	33,255.85	87.04
Taro/'Godere'.....	2,084,677.00	84,119.48	21,627,806.31	257.11
Sweet potatoes.....	999,893.00	28,368.15	6,330,035.95	223.14
Fruit Crops.....	2,799,606.00	88,441.11	8,255,373.74	
Avocados.....	-	-	-	-
Bananas.....	1,626,535.00	15,358.74	1,182,536.88	76.99
Guavas.....	1,984,179.00	61,705.80	5,981,031.05	96.93
Lemons.....	50,392.00	242.16	3,039.45	12.55
Mangoes.....	94,455.00	313.16	21,275.81	67.94
Oranges.....	779,004.00	7,716.64	652,430.74	84.55
Papayas.....	187,587.00	1,264.09	112,376.16	88.90
Pineapples.....	338,923.00	1,641.65	298,841.74	182.04
Chat.....	29,407.00	198.87	3,841.91	19.32
Coffee.....	714,653.00	23,980.66	252,712.75	10.54
Hops.....	3,010,357.00	171,395.15	1,442,513.31	8.42
Sugar Cane.....	285,082.00	1,998.54	11,193.00	5.60

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	65,395,192	18,057,687.04	20,002,192.28	294,917.36	0.28	0.31	*

Remark:A total of 27EAs were sampled in Shaka zone. However, due to secuirity problems, the survey was sucssesfully covered only 9 EAs in Shaka hence we used other proxy information to estimate the zonal level.

Table 11.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Guraghe

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	295,074.00	112,099.96	3,427,719.16	
Cereals.....	283,652.00	100,924.00	3,163,390.49	
Teff.....	76,103.00	23,355.25	416,918.90	17.85
Barley.....	138,070.00	15,992.01	449,443.48	28.10
Wheat.....	88,987.00	29,298.46	887,908.62	30.31
Maize.....	119,705.00	31,858.67	1,397,888.42	43.88
Sorghum.....	8,695.00	323.18	9,544.24	29.53
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	125,605.00	11,172.33	264,303.39	
Faba beans.....	103,719.00	3,603.23	89,840.97	24.93
Field peas.....	31,258.00	2,610.93	58,192.69	22.29
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	4,433.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	218,204.00	*	441,587.54	
Lettuce.....	*	*	*	*
Head Cabbage.....	10,660.00	*	*	*
Ethiopian Cabbage.....	207,143.00	3,222.62	355,454.44	110.30
Tomatoes.....	*	*	*	*
Green peppers.....	17,277.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	12,115.00	*	*	*
Root Crops.....	112,149.00	1,211.01	250,042.61	
Beetroot.....	8,232.00	*	*	*
Carrot.....	26,455.00	*	*	*
Onion.....	3,816.00	*	*	*
Potatoes.....	8,850.00	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	27,173.00	220.63	21,242.16	96.28
Taro/'Godere'.....	58,093.00	552.93	139,365.93	252.05
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	162,938.00	1,882.00	145,089.70	
Avocados.....	-	-	-	-
Bananas.....	129,277.00	885.72	53,766.95	60.70
Guavas.....	53,714.00	346.79	32,265.29	93.04
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	31,300.00	137.88	9,979.46	72.38
Papayas.....	45,639.00	471.78	43,860.14	92.97
Pineapples.....	7,528.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	165,304.00	8,140.15	104,192.38	12.80
Hops.....	178,364.00	3,567.38	19,922.16	5.58
Sugar Cane.....	88,551.00	559.13	2,124.72	3.80

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	7,723,036	2,065,487.81	2,292,622.81	34,184.73	0.27	0.30	*

Table 11.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Hadiya

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	401,046.00	124,267.98	3,184,910.42	
Cereals.....	379,982.00	109,203.97	2,852,315.49	
Teff.....	196,836.00	41,971.04	697,945.13	16.63
Barley.....	123,240.00	8,635.77	204,055.85	23.63
Wheat.....	197,844.00	36,740.13	1,085,579.81	29.55
Maize.....	146,832.00	16,599.69	718,967.19	43.31
Sorghum.....	102,292.00	4,653.75	131,601.75	28.28
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	214,968.00	15,006.75	332,262.13	
Faba beans.....	139,142.00	9,699.23	232,251.36	23.95
Field peas.....	33,393.00	1,988.63	45,577.71	22.92
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	79,783.00	3,196.17	52,832.35	16.53
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	*	*	*	*
Oilseeds.....	6,948.00	57.27	332.80	
Neug.....	-	-	-	-
Linseed.....	3,348.00	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	365,928.00	5,248.80	312,106.31	
Lettuce.....	*	*	*	*
Head Cabbage.....	20,729.00	*	*	*
Ethiopian Cabbage.....	355,402.00	4,333.84	261,439.99	60.33
Tomatoes.....	29,501.00	321.65	12,866.42	40.00
Green peppers.....	41,417.00	298.40	18,880.08	63.27
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	182,145.00	4,199.93	864,128.35	
Beetroot.....	23,859.00	57.57	5,406.16	93.91
Carrot.....	15,085.00	*	*	*
Onion.....	24,438.00	46.61	5,152.26	110.54
Potatoes.....	27,324.00	1,231.85	246,875.68	200.41
Yam/'Boye'.....	15,532.00	*	*	*
Garlic.....	6,962.00	*	*	*
Taro/'Godere'.....	91,554.00	2,186.54	516,024.41	236.00
Sweet potatoes.....	31,024.00	364.67	69,560.85	190.75
Fruit Crops.....	264,454.00	4,483.15	326,407.24	
Avocados.....	-	-	-	-
Bananas.....	171,607.00	1,171.43	68,349.02	58.35
Guavas.....	181,445.00	2,916.66	227,356.81	77.95
Lemons.....	5,250.00	29.66	296.63	10.00
Mangoes.....	*	*	*	*
Oranges.....	53,963.00	279.75	22,505.68	80.45
Papayas.....	14,089.00	27.49	2,043.47	74.34
Pineapples.....	25,188.00	53.38	5,481.94	102.70
Chat.....	-	-	-	-
Coffee.....	116,306.00	1,706.39	18,257.24	10.70
Hops.....	215,997.00	8,607.60	48,787.17	5.67
Sugar Cane.....	37,250.00	312.25	624.50	2.00

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	4,442,944	1,133,447.05	1,258,088.53	18,758.95	0.26	0.28	*

Table 11.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Kembata - Tembaro

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	201,791.00	38,522.08	908,864.98	
Cereals.....	177,908.00	31,516.62	773,361.75	
Teff.....	104,872.00	12,550.24	200,128.12	15.95
Barley.....	36,121.00	1,284.53	28,499.99	22.19
Wheat.....	89,345.00	13,105.45	386,115.98	29.46
Maize.....	22,786.00	*	*	*
Sorghum.....	36,575.00	1,650.38	42,416.01	25.70
Finger millet.....	*	*	*	*
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	119,491.00	7,001.18	135,503.23	
Faba beans.....	80,753.00	4,358.04	90,594.05	20.79
Field peas.....	34,266.00	1,072.03	19,276.07	17.98
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	38,450.00	1,265.91	20,666.13	16.33
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	17,509.00	296.64	4,864.93	16.40
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	179,592.00	1,956.53	141,419.79	
Lettuce.....	-	-	-	-
Head Cabbage.....	9,707.00	138.63	7,000.90	50.50
Ethiopian Cabbage.....	173,110.00	1,311.77	116,670.18	88.94
Tomatoes.....	13,136.00	124.24	5,609.66	45.15
Green peppers.....	21,077.00	*	*	*
Red peppers.....	8,315.00	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	158,726.00	5,119.65	974,899.43	
Beetroot.....	11,304.00	114.80	10,147.03	88.39
Carrot.....	10,506.00	*	*	*
Onion.....	*	*	*	*
Potatoes.....	33,831.00	1,416.32	217,120.40	153.30
Yam/'Boye'.....	7,910.00	*	*	*
Garlic.....	4,956.00	*	*	*
Taro/'Godere'.....	121,220.00	2,915.36	650,458.59	223.11
Sweet potatoes.....	31,367.00	391.89	83,058.02	211.94
Fruit Crops.....	166,198.00	3,920.23	403,860.80	
Avocados.....	-	-	-	-
Bananas.....	113,580.00	804.52	65,136.52	80.96
Guavas.....	139,186.00	2,780.75	308,125.07	110.81
Lemons.....	*	*	*	*
Mangoes.....	7,985.00	17.25	1,336.82	77.50
Oranges.....	49,692.00	245.94	22,448.50	91.28
Papayas.....	8,449.00	28.42	1,717.80	60.44
Pineapples.....	14,273.00	38.26	4,998.42	130.64
Chat.....	*	*	*	*
Coffee.....	19,179.00	*	*	*
Hops.....	177,118.00	4,208.69	19,860.85	4.72
Sugar Cane.....	20,186.00	62.43	87.41	1.40

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	1,960,834	535,718.11	594,629.25	8,866.4	0.27	0.30	*

Table 11.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Gedio

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	137,633.00	14,916.10	408,343.02	
Cereals.....	111,481.00	10,112.34	324,897.40	
Teff.....	*	*	*	*
Barley.....	71,080.00	5,388.51	133,374.98	24.75
Wheat.....	*	*	*	*
Maize.....	42,844.00	*	*	*
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	84,564.00	4,769.15	83,203.93	
Faba beans.....	73,162.00	2,575.75	50,760.66	19.71
Field peas.....	16,652.00	2,050.83	29,950.87	14.60
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	224,760.00	2,255.76	341,032.58	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	220,772.00	2,233.86	339,491.44	151.98
Tomatoes.....	-	-	-	-
Green peppers.....	17,486.00	19.20	1,541.14	80.27
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	197,953.00	5,175.73	836,452.24	
Beetroot.....	4,212.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	44,815.00	423.69	41,175.10	97.18
Garlic.....	*	*	*	*
Taro/'Godere'.....	126,099.00	2,685.55	532,414.37	198.25
Sweet potatoes.....	42,414.00	581.72	79,833.00	137.24
Fruit Crops.....	161,689.00	3,275.89	244,946.44	
Avocados.....	-	-	-	-
Bananas.....	87,227.00	1,187.17	58,749.70	49.49
Guavas.....	98,239.00	1,860.93	166,748.36	89.60
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	459,571.00	33,840.79	202,648.57	5.99
Sugar Cane.....	7,669.00	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	14,038,023	3,994,300.21	4,433,540.48	66,107.26	0.28	0.32	*

Table 11.5 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Wolayita

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	516,863.00	73,185.66	1,631,190.69	
Cereals.....	317,209.00	43,455.68	1,160,923.08	
Teff.....	221,049.00	24,743.64	415,373.61	16.79
Barley.....	14,526.00	280.40	6,187.18	22.07
Wheat.....	46,336.00	2,470.16	71,556.81	28.97
Maize.....	61,109.00	*	*	*
Sorghum.....	42,020.00	1,200.37	30,899.47	25.74
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	424,535.00	29,679.22	469,935.69	
Faba beans.....	85,511.00	2,286.33	42,033.46	18.38
Field peas.....	85,872.00	3,104.73	47,307.85	15.24
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	325,223.00	20,768.70	327,923.30	15.79
Red Chick-peas.....	*	*	*	*
White Chick-peas	33,144.00	2,021.42	28,817.19	14.26
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	298,116.00	2,116.57	193,271.33	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	272,902.00	1,318.47	140,628.20	106.66
Tomatoes.....	*	*	*	*
Green peppers.....	60,856.00	585.68	38,713.67	66.10
Red peppers.....	8,507.00	49.78	831.13	16.70
Swiss chard.....	-	-	-	-
Root Crops.....	653,964.00	36,564.47	8,518,895.79	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	72,175.00	2,589.43	471,665.92	182.15
Yam/'Boye'.....	87,638.00	798.39	77,204.23	96.70
Garlic.....	-	-	-	-
Taro/'Godere'.....	578,106.00	18,438.02	4,248,672.07	230.43
Sweet potatoes.....	470,209.00	14,719.48	3,719,804.90	252.71
Fruit Crops.....	630,848.00	13,636.66	1,179,998.32	
Avocados.....	-	-	-	-
Bananas.....	393,401.00	2,958.50	190,298.66	64.32
Guavas.....	551,474.00	7,465.32	692,557.47	92.77
Lemons.....	14,655.00	*	*	*
Mangoes.....	22,927.00	*	*	*
Oranges.....	281,443.00	2,658.96	217,411.18	81.77
Papayas.....	12,760.00	23.90	1,909.03	79.88
Pineapples.....	78,930.00	364.94	72,886.21	199.72
Chat.....	3,634.00	*	*	*
Coffee.....	11,736.00	*	*	*
Hops.....	577,745.00	11,794.40	56,709.55	4.81
Sugar Cane.....	34,542.00	159.95	511.91	3.20

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	3,062,429	798,309.81	918,806.62	6,850.16	0.26	0.30	*

Table 11.6 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

South Omo

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	164,285.00	62,144.54	1,807,906.02	
Cereals.....	152,519.00	50,875.02	1,668,659.55	
Teff.....	5,930.00	3,314.56	*	*
Barley.....	12,510.00	*	*	*
Wheat.....	*	*	*	*
Maize.....	130,001.00	33,923.61	1,301,851.03	38.38
Sorghum.....	37,713.00	8,676.82	205,117.07	23.64
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	76,858.00	10,163.01	127,409.66	
Faba beans.....	17,675.00	2,283.28	39,285.86	17.21
Field peas.....	8,474.00	*	*	*
White haricot beans..... .	*	136.63	2,152.71	15.76
Red Haricot beans.....	46,909.00	3,955.18	49,065.19	12.41
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	16,782.00	1,106.51	11,836.81	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	13,604.00	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	33,905.00	421.80	39,933.58	
Lettuce.....	-	-	-	-
Head Cabbage.....	3,842.00	*	*	*
Ethiopian Cabbage.....	26,752.00	334.09	35,429.89	106.05
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	112,867.00	4,521.04	867,294.98	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	6,093.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	3,225.00	81.45	8,049.91	98.83
Garlic.....	-	-	-	-
Taro/'Godere'.....	80,282.00	2,527.77	558,234.37	220.84
Sweet potatoes.....	47,934.00	1,546.11	262,917.69	170.05
Fruit Crops.....	124,010.00	3,496.40	363,506.29	
Avocados.....	-	-	-	-
Bananas.....	44,902.00	467.09	41,102.26	88.00
Guavas.....	98,186.00	2,481.48	264,777.23	106.70
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	33,509.00	369.21	29,493.53	79.88
Papayas.....	*	*	*	*
Pineapples.....	24,030.00	*	*	*
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	98,473.00	6,000.97	28,959.83	4.83
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,979,297	581,180.46	645,090.98	9,618.78	0.29	0.33	*

Table 11.7 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Shaka

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	55,596.00	16,858.66	278,602.02	
Cereals.....	24,856.00	2,495.53	41,917.32	
Teff.....	22,983.00	2,235.90	34,679.95	15.51
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	*	*	*	*
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	54,250.00	14,363.13	236,684.70	
Faba beans.....	37,314.00	4,585.28	81,136.00	17.69
Field peas.....	39,576.00	9,768.42	155,407.83	15.91
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	92,865.00	*	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	91,570.00	721.16	75,860.55	105.19
Tomatoes.....	-	-	-	-
Green peppers.....	13,068.00	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	70,000.00	841.84	170,505.00	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	15,198.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	18,462.00	*	*	*
Taro/'Godere'.....	46,724.00	467.82	108,657.29	232.26
Sweet potatoes.....	6,460.00	*	*	*
Fruit Crops.....	63,924.00	854.16	135,124.12	
Avocados.....	-	-	-	-
Bananas.....	61,072.00	784.11	125,634.06	160.23
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	*	*	*	*
Papayas.....	*	*	*	*
Pineapples.....	-	-	-	-
Chat.....	-	-	-	-
Coffee.....	3,621.00	*	*	*
Hops.....	56,477.00	21,047.25	186,419.03	8.86
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	4,623,924	1,326,512.35	1,472,384.78	21,954.10	0.29	0.32	*

Remark: A total of 27 EAs were sampled in Shaka zone. However, due to secuirity problems, the survey was sucssesfully covered only 9 EAs in Shaka hence we used other proxy information to estimate the zonal level.

Table 11.8 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Keffa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	375,640.00	141,401.10	3,415,559.85	
Cereals.....	280,136.00	88,070.72	2,503,483.16	
Teff.....	169,611.00	25,741.78	406,472.18	15.79
Barley.....	66,719.00	9,773.07	238,535.72	24.41
Wheat.....	24,347.00	7,486.49	214,147.49	28.60
Maize.....	65,608.00	*	*	*
Sorghum.....	83,826.00	13,972.99	368,402.77	26.37
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	290,168.00	53,174.59	909,991.71	
Faba beans.....	178,545.00	22,376.92	449,838.92	20.10
Field peas.....	133,741.00	22,883.80	339,174.79	14.82
White haricot beans..... .	4,773.00	*	*	*
Red Haricot beans.....	108,822.00	7,455.82	112,289.79	15.06
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	10,977.00	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	301,065.00	4,372.51	230,947.38	
Lettuce.....	-	-	-	-
Head Cabbage.....	9,178.00	*	*	*
Ethiopian Cabbage.....	275,007.00	1,559.59	158,798.85	101.82
Tomatoes.....	*	*	*	*
Green peppers.....	43,227.00	76.47	6,530.88	85.40
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	339,185.00	5,627.11	1,365,910.67	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	11,852.00	25.37	2,722.74	107.32
Potatoes.....	*	*	*	*
Yam/'Boye'.....	29,058.00	144.46	14,706.49	101.80
Garlic.....	37,970.00	57.97	4,492.41	77.50
Taro/'Godere'.....	314,749.00	5,216.50	1,319,782.95	253.00
Sweet potatoes.....	22,509.00	108.01	15,767.37	145.98
Fruit Crops.....	292,427.00	5,907.46	516,069.95	
Avocados.....	-	-	-	-
Bananas.....	214,438.00	2,620.25	170,135.97	64.93
Guavas.....	185,538.00	2,741.79	289,754.32	105.68
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	22,069.00	*	*	*
Papayas.....	11,805.00	*	*	*
Pineapples.....	35,116.00	213.85	31,852.07	148.95
Chat.....	*	*	*	*
Coffee.....	63,672.00	602.86	3,713.78	6.16
Hops.....	361,684.00	32,071.51	216,811.87	6.76
Sugar Cane.....	26,869.00	*	*	*

Crop	*Number of Trees Harvested*	*Production In Quintals*			*Yield (Quintals/Tree)*		
		Amicho	*Kocho*	*Bula*	*Amicho*	*Kocho*	*Bula*
Enset	14,055,424	4,111,126.43	4,563,213.90	68,040.64	0.29	0.32	*

Table 11.9 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Gamo Gofa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	504,451.00	148,904.31	4,051,783.18	
Cereals.....	465,719.00	128,378.86	3,730,464.60	
Teff.....	134,275.00	33,627.26	541,791.83	16.11
Barley.....	156,320.00	16,399.66	337,993.81	20.61
Wheat.....	134,163.00	18,918.70	509,884.13	26.95
Maize.....	239,540.00	57,797.17	2,299,412.75	39.78
Sorghum.....	20,875.00	1,425.16	36,783.43	25.81
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	*	*	*	*
Pulses.....	229,482.00	18,774.32	310,061.15	
Faba beans.....	115,966.00	5,925.43	103,907.57	17.54
Field peas.....	74,144.00	2,704.68	41,791.88	15.45
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	90,301.00	*	156,561.81	*
Red Chick-peas.....	*	*	*	*
White chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	13,369.00	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	17,371.00	*	*	
Neug.....	*	*	*	*
Linseed.....	11,328.00	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	178,794.00	1,560.68	149,763.39	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	158,544.00	1,256.89	136,505.29	108.61
Tomatoes.....	*	*	*	*
Green peppers.....	18,781.00	*	*	*
Red peppers.....	9,812.00	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	434,174.00	21,358.90	3,954,412.78	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	33,885.00	*	*	*
Potatoes.....	120,922.00	5,786.26	940,248.27	162.50
Yam/'Boye'.....	75,907.00	2,168.30	262,148.05	120.90
Garlic.....	11,043.00	25.02	2,189.01	87.49
Taro/'Godere'.....	248,657.00	5,728.27	1,277,590.24	223.03
Sweet potatoes.....	246,489.00	7,395.85	1,447,638.43	195.74
Fruit Crops.....	318,775.00	20,025.18	1,882,645.15	
Avocados.....	-	-	-	-
Bananas.....	122,216.00	1,084.84	123,454.34	113.80
Guavas.....	243,123.00	15,910.14	1,482,428.70	93.18
Lemons.....	*	*	*	*
Mangoes.....	21,713.00	63.01	4,083.25	64.80
Oranges.....	146,477.00	*	*	*
Papayas.....	37,720.00	*	*	*
Pineapples.....	52,330.00	199.62	33,655.19	168.60
Chat.....	*	*	*	*
Coffee.....	25,752.00	*	*	*
Hops.....	261,070.00	6,790.45	40,668.78	5.99
Sugar Cane.....	21,981.00	68.76	481.74	7.01

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	2,929,500	866,050.91	961,287.47	14,333.89	0.30	0.33	*

Table 11.10 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Bench - Maji

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	131,123.00	48,467.51	1,329,073.90	
Cereals.....	103,322.00	35,758.05	1,118,750.84	
Teff.....	21,178.00	6,827.52	106,892.47	15.66
Barley.....	4,624.00	672.85	15,186.60	22.57
Wheat.....	2,027.00	*	*	*
Maize.....	70,635.00	14,418.50	624,700.11	43.33
Sorghum.....	26,615.00	11,025.74	301,252.65	27.32
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	62,578.00	11,315.57	188,720.89	
Faba beans.....	13,301.00	2,703.95	51,224.59	18.94
Field peas.....	23,844.00	5,605.54	83,428.82	14.88
White haricot beans..... .	9,292.00	*	*	*
Red Haricot beans.....	26,702.00	2,147.54	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	111,929.00	1,608.88	152,811.73	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	108,955.00	1,441.85	145,811.43	101.13
Tomatoes.....	*	*	*	*
Green peppers.....	5,446.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	175,171.00	*	8,986,404.39	
Beetroot.....	*	*	*	-
Carrot.....	-	-	-	-
Onion.....	1,535.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	13,189.00	*	*	*
Garlic.....	*	*	*	*
Taro/'Godere'.....	172,923.00	*	8,923,870.03	*
Sweet potatoes.....	12,860.00	*	*	*
Fruit Crops.....	175,560.00	*	2,189,309.35	
Avocados.....	-	-	-	-
Bananas.....	69,520.00	1,602.69	135,907.90	84.80
Guavas.....	146,432.00	*	1,996,865.47	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	22,554.00	193.37	14,909.40	77.10
Papayas.....	3,169.00	*	*	*
Pineapples.....	29,968.00	178.57	34,723.91	194.46
Chat.....	*	*	*	*
Coffee.....	28,226.00	796.67	633.82	0.80
Hops.....	188,123.00	*	*	*
Sugar Cane.....	29,458.00	340.57	4,080.18	11.98

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,808,606	337,201.04	374,281.97	5,580.82	0.19	0.21	*

Table 11.11 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Yem Special Woreda

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	27,442.00	22,982.48	569,825.88	
Cereals.....	27,007.00	18,843.25	504,490.69	
Teff.....	21,084.00	8,140.78	118,566.61	14.56
Barley.....	11,228.00	1,148.31	27,100.08	23.60
Wheat.....	12,353.00	2,823.30	82,624.23	29.27
Maize.....	24,326.00	6,017.12	258,443.55	42.95
Sorghum.....	6,653.00	703.19	17,562.18	24.98
Finger millet.....	-	-	-	-
Oats/'Aja'.....	*	*	*	*
Rice.....	-	-	-	-
Pulses.....	22,749.00	4,104.44	65,144.72	
Faba beans.....	17,273.00	2,219.32	38,182.23	17.20
Field peas.....	8,834.00	1,677.67	24,032.32	14.32
White haricot beans..... .	7,325.00	*	*	*
Red Haricot beans.....	3,173.00	*	*	*
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	1,813.00	68.57	612.31	8.93
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	3,304.00	8.24	79.23	9.62
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	*	*	*	*
Oilseeds.....	2,258.00	34.78	*	
Neug.....	-	-	-	-
Linseed.....	463.00	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	14.26	*	*
Vegetables.....	21,483.00	140.92	11,714.69	
Lettuce.....	*	*	*	*
Head Cabbage.....	980.00	3.00	231.72	77.24
Ethiopian Cabbage.....	20,584.00	101.22	10,018.18	98.97
Tomatoes.....	2,377.00	*	*	*
Green peppers.....	4,447.00	4.06	301.81	74.34
Red peppers.....	860.00	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	20,111.00	436.70	79,798.91	
Beetroot.....	1,856.00	5.26	440.61	83.77
Carrot.....	1,759.00	*	*	*
Onion.....	422.00	*	*	*
Potatoes.....	2,965.00	124.26	19,812.55	159.44
Yam/'Boye'.....	754.00	*	*	*
Garlic.....	2,564.00	3.34	314.19	94.07
Taro/'Godere'.....	14,634.00	168.57	32,373.01	192.04
Sweet potatoes.....	8,538.00	118.71	25,541.66	215.16
Fruit Crops.....	22,649.00	180.08	19,971.59	
Avocados.....	-	-	-	-
Bananas.....	19,784.00	93.92	11,850.39	126.18
Guavas.....	12,408.00	70.05	6,881.66	98.24
Lemons.....	2,103.00	1.93	25.13	13.02
Mangoes.....	856.00	*	*	*
Oranges.....	3,330.00	5.97	462.66	77.50
Papayas.....	3,131.00	*	*	*
Pineapples.....	1,193.00	*	*	*
Chat.....	*	*	*	*
Coffee.....	14,286.00	281.20	3,038.47	10.81
Hops.....	20,068.00	210.35	1,267.60	6.03
Sugar Cane.....	3,496.00	6.79	75.46	11.11

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	300,408	80,330.64	89,164.31	1,329.56	0.27	0.30	*

Table 11.12 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Dawro

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	172,543.00	42,619.10	954,121.34	
Cereals.....	119,729.00	28,622.96	698,061.11	
Teff.....	88,902.00	15,179.15	229,186.61	15.10
Barley.....	*	*	*	*
Wheat.....	6,753.00	1,636.14	45,007.57	27.51
Maize.....	23,138.00	7,736.07	*	*
Sorghum.....	21,466.00	2,577.93	67,042.58	26.01
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	109,129.00	13,945.42	255,448.36	
Faba beans.....	75,307.00	7,595.87	153,296.82	20.18
Field peas.....	33,437.00	3,959.55	67,073.78	16.94
White haricot beans..... .	1,666.00	*	*	*
Red Haricot beans.....	27,354.00	2,329.46	34,353.19	14.75
Red Chick-peas.....	*	*	*	*
White Chick-peas.....	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	2,630.00	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	81,272.00	692.98	52,827.59	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	77,949.00	618.74	50,701.63	81.94
Tomatoes.....	-	-	-	-
Green peppers.....	3,049.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	164,728.00	9,137.87	2,433,966.19	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	1,908.00	64.57	12,464.18	193.03
Yam/'Boye'.....	5,692.00	70.42	6,902.56	98.02
Garlic.....	*	*	*	*
Taro/'Godere'.....	151,980.00	8,108.89	2,255,721.66	278.18
Sweet potatoes.....	35,924.00	891.77	158,739.55	178.01
Fruit Crops.....	146,673.00	3,214.37	367,611.27	
Avocados.....	-	-	-	-
Bananas.....	66,930.00	647.94	65,054.90	100.40
Guavas.....	115,983.00	2,003.46	242,938.31	121.26
Lemons.....	-	-	-	-
Mangoes.....	*	*	*	*
Oranges.....	40,201.00	388.53	34,868.43	89.74
Papayas.....	15,009.00	70.07	6,631.05	94.63
Pineapples.....	19,150.00	77.80	16,474.72	211.76
Chat.....	*	*	*	*
Coffee.....	*	*	*	*
Hops.....	131,545.00	3,127.79	20,030.53	6.40
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	4,838,110	1,211,496.31	1,270,771.30	22,468.10	0.25	0.26	*

Table 11.13 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Basketo Special Woreda

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	21,898.00	4,125.01	137,303.95	
Cereals.....	21,438.00	3,435.60	127,945.18	
Teff.....	2,866.00	308.49	3,972.25	12.88
Barley.....	*	*	*	*
Wheat.....	-	-	-	-
Maize.....	20,652.00	2,646.35	112,458.52	42.50
Sorghum.....	4,232.00	470.78	11,333.76	24.07
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	10,000.00	679.65	9,257.25	
Faba beans.....	689.00	*	149.32	*
Field peas.....	1,755.00	57.04	704.22	12.35
White haricot beans..... .	723.00	*	*	*
Red Haricot beans.....	7,358.00	336.54	5,580.86	16.58
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	764.00	9.77	101.52	
Neug.....	-	-	-	-
Linseed.....	397.00	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	211.00	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	6,477.00	29.19	1,097.84	
Lettuce.....	-	-	-	-
Head Cabbage.....	1,664.00	*	*	*
Ethiopian Cabbage.....	4,464.00	10.75	1,089.86	101.38
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	22,895.00	967.62	164,767.07	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	622.00	*	*	*
Potatoes.....	1,193.00	*	*	*
Yam/'Boye'.....	7,481.00	70.55	8,680.02	123.03
Garlic.....	-	-	-	-
Taro/'Godere'.....	19,192.00	243.69	53,141.59	218.07
Sweet potatoes.....	13,006.00	630.60	100,449.10	159.29
Fruit Crops.....	24,033.00	457.63	46,450.36	
Avocados.....	-	-	-	-
Bananas.....	16,317.00	139.48	10,834.67	77.68
Guavas.....	17,783.00	245.44	27,424.68	111.74
Lemons.....	*	*	*	*
Mangoes.....	1,002.00	*	*	*
Oranges.....	8,610.00	51.20	5,255.27	102.64
Papayas.....	860.00	*	*	*
Pineapples.....	2,666.00	14.90	2,638.39	177.07
Chat.....	451.00	*	*	*
Coffee.....	1,002.00	*	*	*
Hops.....	21,177.00	616.98	3,652.34	5.92
Sugar Cane.....	1,150.00	2.19	0.22	0.10

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	209,696	58,360.89	64,778.64	965.92	0.28	0.31	*

Table 11.14 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Konta Special Woreda

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	45,398.00	14,061.31	284,218.03	
Cereals.....	34,049.00	7,821.25	165,997.33	
Teff.....	19,925.00	3,936.35	58,401.08	14.84
Barley.....	*	*	*	*
Wheat.....	1,627.00	*	*	*
Maize.....	5,218.00	*	*	*
Sorghum.....	10,221.00	1,107.61	28,174.66	25.44
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	28,294.00	6,068.84	115,707.53	
Faba beans.....	18,022.00	3,853.26	78,818.85	20.46
Field peas.....	11,417.00	1,638.11	28,516.60	17.41
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	10,458.00	573.17	8,299.81	14.48
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	14,498.00	225.21	15,486.57	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	11,450.00	118.36	12,447.75	105.17
Tomatoes.....	-	-	-	-
Green peppers.....	2,097.00	*	*	*
Red peppers.....	1,783.00	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	50,402.00	3,855.48	1,080,778.46	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	5,216.00	76.71	6,575.91	85.72
Garlic.....	*	*	*	*
Taro/'Godere'.....	48,631.00	3,433.08	995,394.14	289.94
Sweet potatoes.....	7,288.00	*	*	*
Fruit Crops.....	50,581.00	1,648.71	180,062.16	
Avocados.....	-	-	-	-
Bananas.....	38,286.00	469.89	32,250.53	68.63
Guavas.....	39,442.00	880.96	117,727.01	133.63
Lemons.....	797.00	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	14,704.00	170.34	15,294.43	89.79
Papayas.....	5,219.00	23.50	1,856.46	79.00
Pineapples.....	10,737.00	67.75	12,196.22	180.02
Chat.....	2,858.00	*	*	*
Coffee.....	5,212.00	81.99	791.57	9.65
Hops.....	38,514.00	1,333.07	9,190.90	6.89
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	547,681	151,229.23	167,859.40	2,502.93	0.28	0.31	*

Table 11.15 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Siltie

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	300,787.00	107,818.80	3,585,357.18	
Cereals.....	289,181.00	100,366.48	3,435,439.76	
Teff.....	57,108.00	10,299.59	167,515.52	16.26
Barley.....	125,398.00	10,119.02	285,417.99	28.21
Wheat.....	141,116.00	29,709.39	888,735.88	29.91
Maize.....	231,188.00	43,687.78	1,926,569.97	44.10
Sorghum.....	88,299.00	5,613.43	143,289.88	25.53
Finger millet.....	18,029.00	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	147,101.00	7,441.38	149,883.41	
Faba beans.....	130,604.00	4,062.38	86,081.35	21.19
Field peas.....	56,262.00	2,879.81	53,833.46	18.69
White haricot beans..... .	5,928.00	*	*	*
Red Haricot beans.....	6,303.00	*	*	*
Red Chick-peas.....	2,276.00	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	-	-	-	-
Grass peas.....	*	*	*	*
Soya beans.....	-	-	-	-
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	243,727.00	9,445.09	562,553.38	
Lettuce.....	-	-	-	-
Head Cabbage.....	9,175.00	33.49	2,876.17	85.88
Ethiopian Cabbage.....	228,958.00	4,160.63	430,750.78	103.53
Tomatoes.....	*	*	*	*
Green peppers.....	11,118.00	*	*	*
Red peppers.....	58,876.00	4,894.44	101,080.33	20.65
Swiss chard.....	*	*	*	*
Root Crops.....	37,060.00	565.12	*	
Beetroot.....	9,784.00	41.64	3,914.35	94.00
Carrot.....	13,034.00	*	*	*
Onion.....	9,174.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	*	*	*	*
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	103,321.00	994.91	92,205.20	
Avocados.....	-	-	-	-
Bananas.....	53,974.00	334.43	22,549.36	67.43
Guavas.....	32,496.00	184.59	17,271.96	93.57
Lemons.....	6,283.00	*	*	*
Mangoes.....	10,097.00	*	*	*
Oranges.....	25,575.00	*	*	*
Papayas.....	21,570.00	73.99	7,326.80	99.02
Pineapples.....	17,296.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	170,024.00	6,001.03	63,093.63	10.51
Hops.....	112,068.00	776.15	4,664.51	6.01
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,626,730	419,638	465,784.16	6,945.21	0.26	0.29	*

Table 11.16 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Halaba Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	91,111.00	41,183.68	1,362,554.79	
Cereals.....	90,746.00	39,733.10	1,333,653.89	
Teff.....	31,359.00	7,492.26	108,644.12	14.50
Barley.....	4,448.00	174.89	4,315.69	24.68
Wheat.....	9,991.00	2,353.08	71,052.11	30.20
Maize.....	85,106.00	23,188.40	989,794.63	42.68
Sorghum.....	35,326.00	2,026.86	48,916.95	24.13
Finger millet.....	47,576.00	4,497.60	110,930.39	24.66
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	28,928.00	1,413.29	28,894.56	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
White haricot beans..... .	1,030.00	*	*	*
Red Haricot beans.....	26,980.00	1,312.98	27,250.07	20.75
Red Chick-peas.....	-	-	-	-
White chick-peas	-	-	-	-
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	*	*	*	*
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	*	*	*	*
Linseed.....	*	*	*	*
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	75,974.00	7,522.34	267,391.22	
Lettuce.....	-	-	-	-
Head Cabbage.....	4,275.00	20.84	1,575.48	75.60
Ethiopian Cabbage.....	64,924.00	1,292.33	138,208.00	106.94
Tomatoes.....	*	*	*	*
Green peppers.....	4,570.00	*	*	*
Red peppers.....	40,105.00	6,132.88	122,255.99	19.93
Swiss chard.....	-	-	-	-
Root Crops.....	8,313.00	55.61	6,637.33	
Beetroot.....	2,374.00	*	*	*
Carrot.....	*	*	*	*
Onion.....	*	*	*	*
Potatoes.....	2,208.00	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	*	*	*	*
Sweet potatoes.....	2,898.00	*	*	*
Fruit Crops.....	37,150.00	268.42	26,799.41	
Avocados.....	-	-	-	-
Bananas.....	15,687.00	56.22	3,752.16	66.74
Guavas.....	24,036.00	124.11	14,148.61	114.00
Lemons.....	3,511.00	8.07	137.26	17.01
Mangoes.....	1,420.00	4.43	275.02	62.08
Oranges.....	7,780.00	31.61	3,113.41	98.49
Papayas.....	1,193.00	*	*	*
Pineapples.....	10,198.00	38.29	4,902.48	128.04
Chat.....	*	*	*	*
Coffee.....	55,982.00	2,804.96	29,818.53	10.63
Hops.....	41,508.00	420.11	2,453.70	5.84
Sugar Cane.....	*	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	8,061	2,119.44	2,352.50	35.08	0.26	0.29	*

Table 11.17 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Segen People's Zone

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	123,861.00	63,577.05	1,588,798.80	
Cereals.....	119,339.00	49,301.32	1,357,151.60	
Teff.....	45,348.00	14,380.59	183,253.48	12.74
Barley.....	8,566.00	*	20,617.15	*
Wheat.....	*	*	*	*
Maize.....	82,444.00	26,039.87	976,647.48	37.51
Sorghum.....	38,027.00	7,497.90	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	65,614.00	14,275.36	231,640.57	
Faba beans.....	4,640.00	*	*	*
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	59,631.00	13,056.61	216,700.37	16.60
Red Chick-peas.....	*	*	*	*
White Chick-peas	*	*	*	*
Lentils.....	*	*	*	*
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	33,621.00	602.97	50,963.07	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	32,123.00	388.02	38,464.83	99.13
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	30,749.00	974.08	198,577.26	
Beetroot.....	*	*	*	*
Carrot.....	-	-	-	-
Onion.....	1,958.00	*	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	*	*	*	*
Garlic.....	1,124.00	*	*	*
Taro/'Godere'.....	10,592.00	54.51	16,105.66	295.46
Sweet potatoes.....	18,458.00	753.51	168,703.96	223.89
Fruit Crops.....	54,376.00	1,210.02	135,316.38	
Avocados.....	-	-	-	-
Bananas.....	8,318.00	50.54	3,709.50	73.40
Guavas.....	32,660.00	793.31	84,384.79	106.37
Lemons.....	1,540.00	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	18,336.00	231.35	23,385.37	101.08
Papayas.....	*	*	*	*
Pineapples.....	10,320.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	*	*	*	*
Hops.....	70,853.00	2,364.67	13,574.59	5.74
Sugar Cane.....	4,140.00	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	1,240,489	385,178.36	427,535.17	6,374.83	0.31	0.34	0.01

Table 12 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Sidama

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	766,278.00	79,501.49	2,509,846.42	
Cereals.....	431,895.00	48,144.43	1,849,846.61	
Teff.....	19,047.00	1,182.99	21,412.07	18.10
Barley.....	135,837.00	11,702.05	319,828.22	27.33
Wheat.....	*	*	*	*
Maize.....	292,008.00	30,420.76	1,368,991.65	45.00
Sorghum.....	-	-	-	-
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	518,350.00	31,342.35	659,999.81	
Faba beans.....	114,876.00	3,303.61	78,048.64	23.63
Field peas.....	29,142.00	*	*	*
White haricot beans..... .	108,596.00	*	*	*
Red Haricot beans.....	311,615.00	19,170.98	384,494.46	20.06
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	429,155.00	2,804.04	286,175.30	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	411,057.00	2,365.21	266,084.36	112.50
Tomatoes.....	*	*	*	*
Green peppers.....	13,599.00	*	*	*
Red peppers.....	20,751.00	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	347,408.00	6,772.03	973,205.48	
Beetroot.....	*	*	*	*
Carrot.....	*	*	*	*
Onion.....	-	-	-	-
Potatoes.....	*	*	*	*
Yam/'Boye'.....	23,671.00	141.28	14,798.56	104.75
Garlic.....	*	*	*	*
Taro/'Godere'.....	55,533.00	*	*	*
Sweet potatoes.....	238,760.00	5,267.07	789,582.90	149.91
Fruit Crops.....	933,486.00	14,240.89	1,457,815.02	
Avocados.....	-	-	-	-
Bananas.....	419,969.00	3,084.33	301,225.30	97.66
Guavas.....	805,675.00	10,123.62	1,100,794.34	108.74
Lemons.....	13,957.00	*	*	*
Mangoes.....	-	-	-	-
Oranges.....	69,971.00	297.96	23,993.21	80.52
Papayas.....	-	-	-	-
Pineapples.....	21,721.00	47.22	8,905.49	188.60
Chat.....	22,752.00	*	*	*
Coffee.....	688,384.00	47,541.96	524,077.76	11.02
Hops.....	1,422,399.00	75,000.21	405,982.15	5.41
Sugar Cane.....	16,058.00	*	*	*

Crop	Number of Trees Harvested	Production In Quintals			Yield (Quintals/Tree)		
		Amicho	Kocho	Bula	Amicho	Kocho	Bula
Enset	68,681,641	21,110,809.42	23,432,298.52	349,390.12	0.31	0.34	0.01

Table 13 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Gambella Region

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	30,580.00	8,565.02	164,543.35	
Cereals.....	29,966.00	8,354.03	163,144.07	
Teff.....	*	*	*	*
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	19,863.00	4,831.46	116,391.14	24.09
Sorghum.....	11,706.00	3,254.18	39,898.43	12.26
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	822.00	43.88	*	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	349.00	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	816.00	*	*	
Neug.....	*	*	*	*
Linseed.....	-	-	-	-
Groundnuts.....	503.00	*	*	*
Safflower.....	*	*	*	*
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	3,114.00	76.17	*	-
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	-	-
Ethiopian Cabbage.....	2,172.00	46.74	*	*
Tomatoes.....	286.00	*	*	*
Green peppers.....	422.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	7,681.00	224.90	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	5,973.00	129.72	*	*
Sweet potatoes.....	3,151.00	92.75	*	*
Fruit Crops.....	23,093.00	699.79	*	
Avocados.....	-	-	-	-
Bananas.....	11,387.00	166.06	*	*
Guavas.....	14,224.00	357.19	*	*
Lemons.....	*	*	*	*
Mangoes.....	759.00	*	*	*
Oranges.....	6,924.00	130.57	*	*
Papayas.....	1,838.00	5.42	*	*
Pineapples.....	5,214.00	36.64	*	*
Chat.....	953.00	2.07	*	*
Coffee.....	1,342.00	323.01	*	*
Hops.....	17,327.00	12,735.60	*	*
Sugar Cane.....	2,888.00	*	*	*

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

Table 13.1 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Agnuwak

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	3,603.00	2,030.62	29,548.47	
Cereals.....	3,583.00	1,843.01	28,358.30	
Teff.....	*	*	*	*
Barley.....	-	-	-	-
Wheat.....	-	-	-	-
Maize.....	3,475.00	1,323.87	18,530.37	14.00
Sorghum.....	667.00	*	*	*
Finger millet.....	*	*	*	*
Oats/'Aja'.....	-	-	-	-
Rice.....	*	*	*	*
Pulses.....	*	*	*	
Faba beans.....	*	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	*	*	*	*
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	*	*	*	*
Gibto.....	-	-	-	-
Oilseeds.....	455.00	*	*	
Neug.....	*	*	*	*
Linseed.....	-	-	-	-
Groundnuts.....	360.00	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	339.00	*	*	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	1,203.00	47.10	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	*	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	358.00	1.75	*	*
Sweet potatoes.....	973.00	42.93	*	*
Fruit Crops.....	2,101.00	78.25	*	
Avocados.....	-	-	-	-
Bananas.....	*	*	*	*
Guavas.....	648.00	35.07	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	1,285.00	28.29	*	*
Papayas.....	*	*	*	*
Pineapples.....	1,219.00	14.46	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	*	*	*	*
Sugar Cane.....	-	-	-	-

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

Table 13.2 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Nuware

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	10,560.00	2,412.35	68,061.47	
Cereals.....	10,560.00	2,412.35	68,061.47	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	10,560.00	2,399.14	68,061.47	28.37
Sorghum.....	-	-	-	-
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	-	-	-	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	-	-	-	-
Red Haricot beans.....	-	-	-	-
Red Chick-peas.....	-	-	-	-
White chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	-	-	-	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	-	-	-	-
Safflower.....	-	-	-	-
Sesame.....	-	-	-	-
Rape seed.....	-	-	-	-
Vegetables.....	-	-	-	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	-	-	-	-
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	*	*	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	*	*	*	*
Fruit Crops.....	1,698.00	*	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	-	-	-	-
Mangoes.....	-	-	-	-
Oranges.....	827.00	*	*	*
Papayas.....	-	-	-	-
Pineapples.....	1,013.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 13.3 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Mejenger

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	12,397.00	3,421.41	49,221.95	
Cereals.....	11,867.00	3,406.02	49,039.55	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	-	-	-	-
Maize.....	2,205.00	473.09	12,661.65	26.76
Sorghum.....	10,687.00	2,910.03	35,993.17	12.37
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	*	*	*	
Faba beans.....	*	*	*	*
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	219.00	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	*	*	*	*
Sesame.....	-	-	-	-
Rape seed.....	*	*	*	*
Vegetables.....	2,638.00	42.79	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	1,978.00	17.41	*	*
Tomatoes.....	*	*	*	*
Green peppers.....	388.00	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	-	-	-	-
Root Crops.....	5,904.00	159.28	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	5,484.00	126.01	*	*
Sweet potatoes.....	1,734.00	33.26	*	*
Fruit Crops.....	18,046.00	567.32	*	
Avocados.....	-	-	-	-
Bananas.....	11,354.00	166.01	*	*
Guavas.....	13,092.00	313.91	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	4,059.00	*	*	*
Papayas.....	1,808.00	5.25	*	*
Pineapples.....	2,494.00	10.30	*	*
Chat.....	953.00	2.07	*	*
Coffee.....	1,342.00	323.01	*	*
Hops.....	17,114.00	12,717.25	*	*
Sugar Cane.....	2,888.00	*	*	*

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

Table 13.4 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Itang Special Woreda

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops.	4,020.00	700.65	17,711.46	
Cereals.....	3,956.00	692.66	17,684.75	
Teff.....	-	-	-	-
Barley.....	-	-	-	-
Wheat.....	*	*	*	*
Maize.....	3,623.00	635.37	17,137.65	26.97
Sorghum.....	*	*	*	*
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	127.00	*	*	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	*	*	*	*
Red Chick-peas.....	-	-	-	-
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	142.00	6.35	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	*	*	*	*
Vegetables.....	138.00	*	*	-
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	*	*	*	*
Tomatoes.....	111.00	*	*	*
Green peppers.....	-	-	-	-
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	360.00	7.02	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	-	-	-	-
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	131.00	*	*	*
Sweet potatoes.....	229.00	5.06	*	*
Fruit Crops.....	1,249.00	23.81	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	262.00	*	*	*
Lemons.....	*	*	*	*
Mangoes.....	*	*	*	*
Oranges.....	753.00	9.73	*	*
Papayas.....	-	-	-	-
Pineapples.....	489.00	*	*	*
Chat.....	-	-	-	-
Coffee.....	-	-	-	-
Hops.....	-	-	-	-
Sugar Cane.....	-	-	-	-

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

Table 14 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Harari

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	46,505.00	11,485.61	219,535.50	
Cereals.....	46,255.00	9,646.77	199,780.33	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	28,984.00	1,315.09	30,968.09	23.55
Sorghum.....	39,286.00	8,305.19	168,449.48	20.28
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	1,936.00	31.09	258.50	
Faba beans.....	*	*	*	*
Field peas.....	*	*	*	*
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	782.00	13.28	145.31	10.94
Red Chick-peas.....	*	*	*	*
White Chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	13,531.00	1,807.75	19,496.67	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	13,454.00	1,793.68	19,410.85	10.82
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	538.00	*	*	
Lettuce.....	*	*	*	*
Head Cabbage.....	*	*	*	*
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	*	*	*	*
Green peppers.....	*	*	*	*
Red peppers.....	*	*	*	*
Swiss chard.....	*	*	*	*
Root Crops.....	5,568.00	79.91	14,191.18	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	280.00	*	*	*
Potatoes.....	-	-	-	-
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	5,288.00	78.65	14,191.18	180.43
Fruit Crops.....	28,103.00	781.13	72,571.45	
Avocados.....	-	-	-	-
Bananas.....	630.00	*	*	*
Guavas.....	11,698.00	46.39	9,278.35	200.01
Lemons.....	8,810.00	87.71	*	*
Mangoes.....	5,168.00	*	*	*
Oranges.....	17,927.00	461.57	45,280.39	98.10
Papayas.....	496.00	*	*	*
Pineapples.....	5,330.00	111.90	18,012.71	160.97
Chat.....	-	-	-	-
Coffee.....	44,900.00	7,717.66	68,968.69	8.94
Hops.....	5,063.00	68.79	297.88	4.33
Sugar Cane.....	-	-	-	-

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

Table 15 - Area, Production and Yield of Crops for Private Peasant Holdings for 2020/21 (2013 E.C) Meher Season

Dire Dawa

Crop	Number of Holders	Area in Hectares	Production in Quintals	Yield (Qt/Hac)
Grain Crops. . . . . .. ….	31,809.00	11,882.22	122,696.65	
Cereals.....	31,809.00	11,534.30	120,166.27	
Teff.....	-	-	-	-
Barley.....	*	*	*	*
Wheat.....	*	*	*	*
Maize.....	7,001.00	250.86	3,804.77	15.17
Sorghum.....	31,226.00	11,241.97	116,119.22	10.33
Finger millet.....	-	-	-	-
Oats/'Aja'.....	-	-	-	-
Rice.....	-	-	-	-
Pulses.....	2,924.00	167.44	1,113.91	
Faba beans.....	-	-	-	-
Field peas.....	-	-	-	-
White haricot beans..... .	*	*	*	*
Red Haricot beans.....	891.00	30.15	*	*
Red Chick-peas.....	-	-	-	-
White chick-peas	-	-	-	-
Lentils.....	-	-	-	-
Grass peas.....	-	-	-	-
Soya beans.....	-	-	-	-
Fenugreek.....	-	-	-	-
Mung bean /"Masho"…..	-	-	-	-
Gibto.....	-	-	-	-
Oilseeds.....	*	*	*	
Neug.....	-	-	-	-
Linseed.....	-	-	-	-
Groundnuts.....	*	*	*	*
Safflower.....	-	-	-	-
Sesame.....	*	*	*	*
Rape seed.....	-	-	-	-
Vegetables.....	1,157.00	21.23	*	
Lettuce.....	-	-	-	-
Head Cabbage.....	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-
Tomatoes.....	517.00	*	*	*
Green peppers.....	640.00	*	*	*
Red peppers.....	-	-	-	-
Swiss chard.....	-	-	-	-
Root Crops.....	6,207.00	179.43	*	
Beetroot.....	-	-	-	-
Carrot.....	-	-	-	-
Onion.....	1,227.00	12.58	*	*
Potatoes.....	*	*	*	*
Yam/'Boye'.....	-	-	-	-
Garlic.....	-	-	-	-
Taro/'Godere'.....	-	-	-	-
Sweet potatoes.....	5,279.00	160.01	*	*
Fruit Crops.....	10,684.00	198.30	*	
Avocados.....	-	-	-	-
Bananas.....	-	-	-	-
Guavas.....	*	*	*	*
Lemons.....	3,652.00	27.89	*	*
Mangoes.....	1,254.00	*	*	*
Oranges.....	3,020.00	30.30	*	*
Papayas.....	*	*	*	*
Pineapples.....	5,740.00	97.84	*	*
Chat.....	-	-	-	-
Coffee.....	12,834.00	1,093.76	5,031.29	4.60
Hops.....	6,021.00	181.33	299.20	1.65
Sugar Cane.....	-	-	-	-

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

APPENDIX I - ESTIMATION PROCEDURES OF TOTAL, RATIO AND SAMPLING ERRORS

APPENDIX I

Estimation Procedures of Totals, Ratios and Sampling Errors

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

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

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

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

Where:

h represents the stratum

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

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

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

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

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

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

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

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

2. For estimating Total Production under Specific Crop:

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

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

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

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

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

of a crop in the ith EA in the hth stratum.

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

C_{hi} is the number of crop cutting of a specific crop in the ith EA in the hth stratum.

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

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

4. Sampling Variance of Estimates:

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

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

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

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

Where,

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

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

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

$\hat{A}_{hi}, \hat{P}_{hi}$ are weighted total area and production, respectively, of a specific crop in the 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.

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

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

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

5. Coefficient of Variation (CV) of Estimates:

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

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

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 **2020/21 (2013 E.C.)**

Ethiopia

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**12,979,459.91**	**229,803.33**	**1.91**	**341,828,693.39**	**7,473,962.45**	**2.32**
Cereals	**10,538,341.91**	**187,498.69**	**1.92**	**302,054,260.58**	**6,874,984.14**	**2.43**
Teff	2,928,206.26	87,696.91	3.20	55,099,615.14	2,021,075.17	3.89
Barley	926,106.90	52,435.14	6.24	23,391,098.80	1,645,329.91	7.55
Wheat	1,897,405.05	86,506.30	4.82	57,801,305.96	3,200,247.50	5.76
Maize	2,526,212.36	84,479.21	3.45	105,570,935.92	4,133,650.09	4.01
Sorghum	1,679,277.06	77,180.29	5.34	45,173,502.18	2,382,901.31	6.24
Finger Millet	480,343.25	33,490.26	8.58	12,030,164.02	980,372.78	9.93
Oats/'Aja'	15,502.18	3,102.77	20.09	305,403.43	64,534.26	21.21
Rice	85,288.87	21,574.17	25.41	2,682,235.14	724,456.92	27.11
Pulses	**1,674,950.34**	**61,053.15**	**3.75**	**31,999,988.65**	**1,402,000.11**	**4.48**
Faba Beans	504,569.99	21,813.27	4.43	10,706,365.38	519,928.72	4.95
Field Pease	219,927.59	14,649.42	6.90	3,762,368.83	269,041.86	7.37
W. H. beans	103,288.55	16,235.34	16.27	1,855,340.69	296,364.79	16.48
Red H. beans	208,295.03	22,082.31	10.60	3,670,300.05	441,433.08	12.03
R. Chick-Peas	177,546.76	22,867.69	13.45	3,740,361.89	509,336.00	14.06
W. Chick-Peas	43,172.44	8,204.04	19.05	832,831.81	172,113.72	20.72
Lentils	84,511.63	9,169.56	11.82	1,130,178.82	132,293.86	12.56
Grass Peas	143,893.57	15,649.18	11.45	2,899,174.75	404,525.68	14.57
Soya Beans	83,797.17	26,485.41	31.68	2,086,763.89	779,320.32	37.38
Fenugreek	42,344.28	9,910.24	23.74	507,472.35	123,355.62	24.55
Mung bean	48,022.34	11,400.57	24.17	515,686.55	129,699.22	25.60
Gibto	15,580.99	4,267.66	27.39	293,143.63	99,134.40	33.82
Oilseeds	**766,167.66**	**49,944.12**	**7.72**	**7,774,444.17**	**590,199.26**	**8.66**
Neug	191,766.00	18,229.52	9.79	2,147,979.02	242,703.25	11.76
Linseed	78,921.37	10,045.22	13.43	804,566.42	123,946.94	16.27
Groundnut	113,514.95	18,141.43	16.18	2,050,686.50	385,580.46	19.00
Sufflower	4,150.55	894.44	22.21	42,878.01	10,185.58	24.36
Sesame.	369,897.32	37,712.03	14.42	2,602,576.33	252,254.13	14.08
Rapeseed	7,917.47	1,234.73	15.65	125,757.89	21,738.20	17.32

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Tigray

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**945,666.48**	**41,120.75**	**4.35**	**20,268,653.53**	**,872,277.48**	**9.24**
Cereals	**779,519.59**	**35,629.39**	**4.57**	**18,605,281.20**	**,794,939.47**	**9.65**
Teff	188,391.88	15,450.59	8.20	3,117,538.77	454,200.49	14.57
Barley	85,431.88	7,020.52	8.22	1,606,888.13	475,611.54	29.60
Wheat	102,258.28	8,184.46	8.00	2,239,071.83	713,532.24	31.87
Maize	80,151.64	8,615.03	10.75	2,464,653.94	307,315.54	12.47
Sorghum	232,636.49	18,684.89	8.03	7,008,560.77	626,124.98	8.93
Finger Millet	90,199.73	10,977.68	12.17	2,157,256.16	266,175.53	12.34
Oats/'Aja'	57.40	57.03	99.35	1,107.89	1,100.70	99.35
Rice	392.30	389.93	99.40	10,203.71	10,141.98	99.40
Pulses	**46,577.13**	**4,281.38**	**9.19**	**702,158.49**	**89,820.71**	**12.79**
Faba Beans	11,868.22	1,780.99	15.01	197,089.71	30,116.19	15.28
Field Pease	7,740.65	1,272.66	16.44	112,917.16	18,810.24	16.66
W.Haricot beans	3,516.37	1,458.52	41.48	56,653.35	24,249.07	42.80
Red Haricot beans	41.99	21.13	50.31	-	-	-
Red Chick-Peas	7,556.02	1,738.18	23.00	117,976.77	28,162.38	23.87
White Chick-Peas	114.76	92.57	80.67	2,062.72	1,738.88	84.30
Lentils	6,930.15	1,377.85	19.88	77,254.63	31,465.91	40.73
Grass Peas	7,174.55	1,766.29	24.62	122,307.73	44,476.76	36.36
Soya Beans	183.51	100.68	54.86	1,789.56	978.66	54.69
Fenugreek	603.54	272.58	45.16	5,072.10	2,860.88	56.40
Mung bean "Masho	847.38	721.79	85.18	9,034.75	7,535.53	83.41
Gibto	-	-	-	-	-	-
Oilseeds	**119,569.76**	**13,763.73**	**11.51**	**961,213.84**	**113,767.98**	**11.84**
Neug	5,598.27	1,602.36	28.62	84,556.05	24,031.44	28.42
Linseed	4,138.12	850.26	20.55	42,761.47	11,934.21	27.91
Groundnut	1,390.52	1,328.84	95.56	21,549.32	20,856.58	96.79
Sufflower	122.97	70.55	57.37	1,069.14	602.66	56.37
Sesame.	108,291.46	13,875.66	12.81	811,042.98	113,417.75	13.98
Rapeseed	28.42	16.50	58.07	234.88	137.33	58.47

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Afar

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**8,744.34**	**2,229.99**	**25.50**	**73,610.41**	**19,791.77**	**26.89**
Cereals	**7,644.61**	**1,865.16**	**24.40**	**69,340.86**	**18,260.59**	**26.33**
Teff	1,847.91	947.04	51.25	12,621.63	6,853.32	54.30
Barley	472.88	413.92	87.53	-	-	-
Wheat	57.19	50.49	88.29	-	-	-
Maize	2,933.27	802.19	27.35	26,845.22	6,386.60	23.79
Sorghum	2,333.36	628.91	26.95	29,874.01	9,551.77	31.97
Finger Millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	**1,021.77**	**591.98**	**57.94**	**4,191.60**	**2,510.00**	**59.88**
Faba Beans	-	-	-	-	-	-
Field Pease	-	-	-	-	-	-
Whight Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Red Chick-Peas	-	-	-	-	-	-
White Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean "Masho	1,021.77	591.98	57.94	4,191.60	2,510.00	59.88
Gibto	-	-	-	-	-	-
Oilseeds	**77.95**	**-**	**-**	**77.95**	**-**	**-**
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-
Sufflower	-	-	-	-	-	-
Sesame.	77.95	-	-	77.95	-	-
Rapeseed	-	-	-	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Amhara

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**4,532,477.24**	**147,892.93**	**3.26**	**110,933,104.59**	**4,649,683.89**	**4.19**
Cereals	**3,545,298.63**	**111,761.73**	**3.15**	**96,074,705.31**	**4,212,790.80**	**4.38**
Teff	1,086,374.60	52,966.32	4.88	20,964,629.06	1,439,468.84	6.87
Barley	311,401.39	25,756.62	8.27	7,289,023.14	734,311.46	10.07
Wheat	641,170.34	44,230.00	6.90	18,152,556.60	1,652,490.32	9.10
Maize	595,085.89	43,277.80	7.27	25,424,695.11	2,119,941.67	8.34
Sorghum	597,440.83	46,914.77	7.85	15,881,921.36	1,363,705.71	8.59
Finger Millet	259,903.48	30,089.25	11.58	6,604,463.44	828,545.69	12.55
Oats/'Aja'	4,561.04	2,033.13	44.58	68,379.50	32,229.93	47.13
Rice	49,361.06	16,538.97	33.51	1,689,037.09	615,033.79	36.41
Pulses	**660,349.99**	**43,263.14**	**6.55**	**12,118,764.33**	**1,028,836.30**	**8.49**
Faba Beans	180,245.56	13,186.29	7.32	3,463,523.97	276,788.98	7.99
Field Pease	61,147.41	8,015.11	13.11	949,693.30	134,728.72	14.19
W.Haricot beans	53,504.27	13,731.58	25.66	900,961.30	224,685.00	24.94
Red Haricot beans	36,073.59	14,420.09	39.97	683,189.14	304,114.05	44.51
Red Chick-Peas	67,755.87	8,683.91	12.82	1,325,325.05	177,680.98	13.41
White Chick-Peas	25,172.45	7,552.70	30.00	493,843.18	158,003.55	31.99
Lentils	44,693.10	5,681.95	12.71	611,416.78	87,237.79	14.27
Grass Peas	81,659.47	12,987.95	15.91	1,604,445.88	262,448.48	16.36
Soya Beans	46,892.53	25,371.02	54.10	1,220,572.99	756,760.43	62.00
Fenugreek	15,014.21	3,795.44	25.28	202,611.20	51,499.34	25.42
Mung bean "Masho	32,666.15	8,919.64	27.31	370,754.97	109,374.22	29.50
Gibto	15,525.37	4,267.38	27.49	292,426.57	99,131.85	33.90
Oilseeds	**326,828.62**	**41,316.05**	**12.64**	**2,739,634.95**	**429,430.69**	**15.67**
Neug	56,558.22	8,883.41	15.71	586,974.36	87,842.52	14.97
Linseed	19,880.61	3,282.47	16.51	139,650.44	29,862.59	21.38
Groundnut	21,423.39	11,497.51	53.67	411,765.85	290,656.38	70.59
Sufflower	2,285.90	654.66	28.64	22,833.69	7,720.87	33.81
Sesame.	224,220.29	36,258.57	16.17	1,538,097.33	242,801.59	15.79
Rapeseed	2,460.21	500.54	20.35	40,313.27	10,009.40	24.83

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Oromia

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**5,944,489.15**	**162,906.75**	**2.74**	**169,614,568.12**	**5,396,909.38**	**3.18**
Cereals	**4,997,577.83**	**138,970.83**	**2.78**	**152,421,549.22**	**4,997,926.67**	**3.28**
Teff	1,393,455.62	67,189.40	4.82	26,904,670.12	1,376,340.88	5.12
Barley	440,702.06	44,451.89	10.09	12,319,947.95	1,446,654.01	11.74
Wheat	996,364.40	71,759.95	7.20	32,877,497.09	2,677,258.95	8.14
Maize	1,371,868.06	61,759.21	4.50	58,887,064.26	3,140,966.02	5.33
Sorghum	676,075.00	59,822.64	8.85	18,366,126.61	1,805,705.10	9.83
Finger Millet	97,266.93	13,631.19	14.01	2,515,632.41	507,678.16	20.18
Oats/'Aja'	10,582.30	2,340.62	22.12	231,032.77	55,873.62	24.18
Rice	11,263.46	4,134.74	36.71	319,578.01	116,331.75	36.40
Pulses	**680,622.06**	**38,778.20**	**5.70**	**13,893,359.32**	**880,891.15**	**6.34**
Faba Beans	230,114.95	16,259.17	7.07	5,364,300.99	422,007.60	7.87
Field Pease	85,941.49	9,998.07	11.63	1,654,867.00	203,540.67	12.30
W.Haricot beans	35,455.55	6,978.83	19.68	670,686.70	157,973.41	23.55
R.Haricot beans	84,592.73	12,028.22	14.22	1,515,618.90	242,923.90	16.03
Red Chick-Peas	95,690.33	20,737.20	21.67	2,156,965.09	467,100.67	21.66
W.Chick-Peas	14,487.91	3,045.11	21.02	291,670.54	66,607.71	22.84
Lentils	32,597.91	7,196.45	22.08	438,816.24	99,451.45	22.66
Grass Peas	55,048.82	8,729.82	15.86	1,172,421.14	307,834.08	26.26
Soya Beans	10,002.91	5,029.94	50.28	228,396.78	120,150.07	52.61
Fenugreek	26,596.97	9,154.39	34.42	298,804.38	112,090.28	37.51
Mung bean	10,092.50	6,458.80	64.00	100,811.56	64,712.53	64.19
Gibto	-	-	-	-	-	-
Oilseeds	**266,289.26**	**26,842.82**	**10.08**	**3,299,659.58**	**385,994.58**	**11.70**
Neug	119,918.37	15,271.27	12.73	1,383,505.83	222,887.22	16.11
Linseed	54,005.78	9,491.83	17.58	616,462.45	120,290.24	19.51
Groundnut	57,721.47	12,740.67	22.07	1,010,364.21	226,691.12	22.44
Sufflower	731.13	258.30	35.33	8,198.81	3,183.07	38.82
Sesame.	28,670.20	10,151.52	35.41	196,558.05	67,041.17	34.11
Rapeseed	5,242.32	1,127.62	21.51	84,570.22	19,292.89	22.81

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Somali

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**103,923.16**	**15,334.75**	**14.76**	**1,898,230.72**	**273,652.05**	**14.42**
Cereals	**102,849.56**	**15,261.45**	**14.84**	**1,890,861.63**	**273,974.86**	**14.49**
Teff	577.62	574.92	99.53	-	-	-
Barley	23.08	22.59	97.87	-	-	-
Wheat	3,173.84	1,929.90	60.81	23,490.62	15,043.38	64.04
Maize	53,753.17	10,647.29	19.81	1,084,435.91	192,586.32	17.76
Sorghum	45,321.84	8,077.86	17.82	782,935.09	135,937.23	17.36
Finger Millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	**743.72**	**486.31**	**65.39**	**3,301.65**	**3,290.41**	**99.66**
Faba Beans	-	-	-	-	-	-
Field Pease	37.57	32.56	86.69	-	-	-
Whight Haricot beans	180.11	143.07	79.43	-	-	-
Red Haricot beans	483.27	462.54	95.71	3,301.65	3,290.41	99.66
Red Chick-Peas	42.78	42.65	99.68	-	-	-
White Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean "Masho	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	**329.88**	**234.75**	**71.16**	**4,067.45**	**2,894.43**	**71.16**
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	329.88	234.75	71.16	4,067.45	2,894.43	71.16
Sufflower	-	-	-	-	-	-
Sesame.	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Benishangul-Gumuz

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**255,589.87**	**31,605.71**	**12.37**	**7,097,770.88**	**1,177,652.10**	**16.59**
Cereals	**178,857.41**	**23,192.05**	**12.97**	**5,698,681.84**	**1,053,598.89**	**18.49**
Teff	22,021.32	6,370.93	28.93	334,445.20	103,555.26	30.96
Barley	879.56	552.85	62.86	17,438.31	10,382.66	59.54
Wheat	1,903.19	1,139.67	59.88	53,292.67	29,119.86	54.64
Maize	71,802.87	15,258.87	21.25	3,089,091.88	683,546.14	22.13
Sorghum	39,742.10	6,746.67	16.98	1,161,738.52	699,192.44	60.19
Finger Millet	23,553.74	4,997.27	21.22	525,376.30	117,512.35	22.37
Oats/'Aja'	0.69	0.67	97.31	-	-	-
Rice	18,953.94	13,023.27	68.71	517,298.96	358,709.24	69.34
Pulses	**30,703.30**	**5,519.78**	**17.98**	**702,510.61**	**139,774.68**	**19.90**
Faba Beans	733.64	301.36	41.08	13,271.73	5,738.92	43.24
Field Pease	812.44	370.33	45.58	12,211.37	5,663.06	46.38
Whight Haricot beans	774.73	317.13	40.93	14,799.40	9,904.45	66.92
Red Haricot beans	1,556.01	366.83	23.58	25,602.34	8,912.58	34.81
Red Chick-Peas	127.28	98.07	77.05	1,850.76	1,243.84	67.21
White Chick-Peas	296.94	259.05	87.24	3,506.94	3,056.80	87.16
Lentils	18.83	18.70	99.30	105.47	104.73	99.30
Grass Peas	-	-	-	-	-	-
Soya Beans	26,305.20	5,697.99	21.66	630,257.26	142,172.08	22.56
Fenugreek	10.80	8.18	75.68	-	-	-
Mung bean	18.65	9.44	50.61	188.29	102.01	54.18
Gibto	48.78	48.36	99.14	717.06	710.90	99.14
Oilseeds	**46,029.15**	**7,944.25**	**17.26**	**696,578.43**	**119,707.93**	**17.19**
Neug	9,326.01	4,478.72	48.02	89,769.64	38,730.07	43.14
Linseed	380.36	94.75	24.91	2,452.82	643.97	26.25
Groundnut	28,898.73	5,692.55	19.70	554,054.95	110,842.62	20.01
Sufflower	137.67	136.11	98.87	729.64	721.39	98.87
Sesame.	7,246.38	1,834.96	25.32	48,931.88	12,092.95	24.71
Rapeseed	40.00	23.83	59.58	639.51	381.94	59.72

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

S.N.N.P.R

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**1,077,135.33**	**52,423.26**	**4.87**	**28,926,133.22**	**1,749,671.52**	**6.05**
Cereals	**848,914.75**	**48,202.76**	**5.68**	**24,960,903.24**	**1,693,054.05**	**6.78**
Teff	234,350.83	18,132.85	7.74	3,744,279.61	327,866.38	8.76
Barley	75,440.14	9,051.04	12.00	1,837,372.85	232,812.74	12.67
Wheat	147,640.62	18,971.15	12.85	4,316,813.66	575,782.52	13.34
Maize	313,799.28	30,380.11	9.68	13,073,993.93	1,339,651.71	10.25
Sorghum	62,926.09	7,784.92	12.37	1,617,878.68	220,444.07	13.63
Finger Millet	9,362.30	2,334.38	24.93	226,014.97	55,628.56	24.61
Oats/'Aja'	300.75	122.91	40.87	4,883.26	2,010.06	41.16
Rice	5,094.74	2,278.42	44.72	139,666.28	65,968.71	47.23
Pulses	**223,347.62**	**15,725.80**	**7.04**	**3,914,052.88**	**282,188.01**	**7.21**
Faba Beans	78,285.14	5,976.18	7.63	1,589,948.14	120,904.58	7.60
Field Pease	62,856.04	7,031.14	11.19	1,005,050.66	111,549.57	11.10
Whight Haricot beans	2,226.49	716.11	32.16	41,434.49	13,999.71	33.79
Red Haricot beans	66,322.01	9,922.97	14.96	1,057,699.22	175,182.87	16.56
Red Chick-Peas	6,372.90	4,180.63	65.60	138,244.22	98,326.23	71.13
White Chick-Peas	3,100.39	960.86	30.99	41,748.44	14,562.86	34.88
Lentils	271.64	84.49	31.10	2,585.70	794.68	30.73
Grass Peas	10.72	10.71	99.88	-	-	-
Soya Beans	412.58	144.31	34.98	5,747.30	2,209.29	38.44
Fenugreek	118.75	67.12	56.52	984.66	441.16	44.80
Mung bean	3,364.13	2,889.01	85.88	30,610.05	25,790.31	84.25
Gibto	6.84	5.40	78.88	-	-	-
Oilseeds	**4,872.97**	**1,832.43**	**37.60**	**51,177.10**	**23,438.35**	**45.80**
Neug	364.23	360.41	98.95	3,173.14	3,135.63	98.82
Linseed	516.50	167.90	32.51	3,239.24	955.04	29.48
Groundnut	1,701.33	1,344.38	79.02	27,310.19	21,530.34	78.84
Sufflower	872.88	534.98	61.29	10,046.73	5,786.35	57.59
Sesame.	1,288.80	1,042.80	80.91	7,407.80	6,219.36	83.96
Rapeseed	129.23	41.26	31.93	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations For Crops **2020/21 (2013 E.C.)**

Sidama

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**79,501.49**	**20,106.37**	**25.29**	**2,509,846.42**	**766,725.21**	**30.55**
Cereals	**48,144.43**	**15,775.96**	**32.77**	**1,849,846.61**	**696,038.70**	**37.63**
Teff	1,182.99	533.03	45.06	21,412.07	9,647.91	45.06
Barley	11,702.05	5,260.29	44.95	319,828.22	144,151.42	45.07
Wheat	4,781.80	3,553.16	74.31	138,193.92	102,686.36	74.31
Maize	30,420.76	13,397.43	44.04	1,368,991.65	654,195.91	47.79
Sorghum	-	-	-	-	-	-
Finger Millet	56.83	56.76	99.88	1,420.74	1,419.00	99.88
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	**31,342.35**	**8,583.49**	**27.39**	**659,999.81**	**178,735.72**	**27.08**
Faba Beans	3,303.61	1,332.00	40.32	78,048.64	31,183.90	39.95
Field Pease	1,382.72	909.40	65.77	27,516.14	18,097.04	65.77
W. Haricot beans	7,485.04	5,068.10	67.71	169,940.57	109,994.55	64.73
Red Haricot beans	19,170.98	6,016.44	31.38	384,494.46	112,189.45	29.18
Red Chick-Peas	-	-	-	-	-	-
White Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean "Masho	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	**14.71**	**14.70**	**99.93**	**-**	**-**	**-**
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-
Sufflower	-	-	-	-	-	-
Sesame.	-	-	-	-	-	-
Rapeseed	14.71	14.70	99.93	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Gambella

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**8,565.02**	**907.91**	**10.60**	**164,543.35**	**16,600.89**	**10.09**
Cereals	**8,354.03**	**879.90**	**10.53**	**163,144.07**	**16,383.66**	**10.04**
Teff	3.49	3.07	87.99	18.67	16.43	87.99
Barley	22.90	22.63	98.81	384.72	380.14	98.81
Wheat	18.39	12.77	69.45	-	-	-
Maize	4,831.46	497.81	10.30	116,391.14	12,815.22	11.01
Sorghum	3,254.18	749.98	23.05	39,898.43	10,390.71	26.04
Finger Millet	0.23	0.23	99.94	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	223.37	121.90	54.57	6,451.10	3,741.62	58.00
Pulses	**43.88**	**20.01**	**45.60**	**277.55**	**194.58**	**70.11**
Faba Beans	13.80	13.52	97.97	182.21	178.51	97.97
Field Pease	-	-	-	-	-	-
W.Haricot beans	6.83	6.15	90.01	-	-	-
Red Haricot beans	11.03	6.85	62.10	-	-	-
Red Chick-Peas	-	-	-	-	-	-
W. Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	0.44	0.44	99.94	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean	11.77	9.56	81.23	95.34	77.45	81.23
Gibto	-	-	-	-	-	-
Oilseeds	**167.12**	**87.56**	**52.40**	**1,121.73**	**609.10**	**54.30**
Neug	0.90	0.87	95.98	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	76.25	54.60	71.60	747.22	545.58	73.02
Sufflower	0.01	0.01	99.35	-	-	-
Sesame.	87.39	71.19	81.46	374.51	304.01	81.17
Rapeseed	2.57	1.61	62.52	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Harari

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**11,485.61**	**1,845.55**	**16.07**	**219,535.50**	**40,373.05**	**18.39**
Cereals	**9,646.77**	**1,400.01**	**14.51**	**199,780.33**	**35,258.65**	**17.65**
Teff	-	-	-	-	-	-
Barley	8.16	6.73	82.53	90.12	74.37	82.53
Wheat	18.34	12.93	70.51	272.64	221.52	81.25
Maize	1,315.09	185.09	14.07	30,968.09	8,544.50	27.59
Sorghum	8,305.19	1,374.48	16.55	168,449.48	33,931.01	20.14
Finger Millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	**31.09**	**12.04**	**38.75**	**258.50**	**109.04**	**42.18**
Faba Beans	5.07	3.60	70.91	-	-	-
Field Pease	9.28	7.75	83.53	113.19	94.55	83.53
W. Haricot beans	1.87	1.89	101.00	-	-	-
Red Haricot beans	13.28	6.07	45.74	145.31	61.52	42.33
Red Chick-Peas	1.58	1.58	99.82	-	-	-
White Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean "Masho	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	**1,807.75**	**561.84**	**31.08**	**19,496.67**	**6,594.94**	**33.83**
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	1,793.68	555.49	30.97	19,410.85	6,552.31	33.76
Sufflower	-	-	-	-	-	-
Sesame.	14.07	11.53	81.92	85.82	70.30	81.92
Rapeseed	-	-	-	-	-	-

Estimate of Holders, Area, Production, Standard Errors and Coefficient of Variations
For Crops **2020/21 (2013 E.C.)**

Dire Dawa

Crop	Area	Standard Error	CV (%)	Production	Standard Error	CV (%)
Total Grains	**11,882.22**	**1,702.87**	**14.33**	**122,696.65**	**25,657.43**	**20.91**
Cereals	**11,534.30**	**1,672.66**	**14.50**	**120,166.27**	**25,490.56**	**21.21**
Teff	-	-	-	-	-	-
Barley	22.79	15.84	69.51	125.36	87.14	69.51
Wheat	18.67	14.03	75.15	116.91	79.77	68.23
Maize	250.86	63.56	25.34	3,804.77	1,021.83	26.86
Sorghum	11,241.97	1,682.60	14.97	116,119.22	25,678.99	22.11
Finger Millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	**167.44**	**81.65**	**48.77**	**1,113.91**	**529.34**	**47.52**
Faba Beans	-	-	-	-	-	-
Field Pease	-	-	-	-	-	-
Whight Haricot beans	137.28	79.55	57.95	864.89	501.18	57.95
Red Haricot beans	30.15	13.95	46.26	249.03	126.50	50.80
Red Chick-Peas	-	-	-	-	-	-
White Chick-Peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Grass Peas	-	-	-	-	-	-
Soya Beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	**180.49**	**122.95**	**68.12**	**1,416.47**	**1,022.08**	**72.16**
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnut	179.71	122.98	68.43	1,416.47	1,022.08	72.16
Sufflower	-	-	-	-	-	-
Sesame.	0.77	0.63	81.72	-	-	-
Rapeseed	-	-	-	-	-	-

APPENDIX III - Number of EAs and Households Planned and Actually Covered

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Woreda	Planned	Covered	Planned	Covered
Tigray	North-Western Tigray	36	-	720	-
	Central Tigray	38	-	760	-
	Eastern Tigray	34	-	680	-
	Southern Tigray	34	-	680	-
	Western Tigray	31	-	620	-
	South -East Tigray	33	-	660	-
	Region Total	**206**	**-**	**4,120**	**-**
Afar	Zone_ 1 (Awsi Resu)	26	23	520	460
	Zone_ 2 (Kelbet Resu)	28	26	560	520
	Zone_ 3 (Gebi Resu)	25	22	500	440
	Zone_ 4 (Fenti Resu)	25	22	500	440
	Zone_ 5 (Hari Resu)	26	26	520	520
	Region Total	**130**	**119**	**2,600**	**2,380**
Amhara	North Gondar	36	36	720	720
	South Gondar	46	46	920	920
	North Wollo	42	42	840	840
	South Wollo	53	53	1,060	1,060
	North Shewa	44	44	880	880
	East Gojam	46	46	920	920
	West Gojam	52	51	1,040	1,020
	Waghimra	34	31	680	620
	Awi	38	34	760	680
	Oromo Nationality zone	33	33	660	660
	Central Gondar	49	48	980	960
	Western Gonder	30	30	600	600
	Region Total	**503**	**494**	**10,060**	**9,880**
Oromia	West Wellega	38	11	760	220
	East Wellega	37	34	740	680
	Ilu Ababora	34	34	680	680
	Jimma	44	44	880	880
	West Shewa	40	38	800	760
	North Shewa	38	35	760	700
	East Shewa	37	37	740	740
	Arsi	42	41	840	820
	West Hararghe	41	41	820	820
	East Hararghe	44	44	880	880
	Bale	38	36	760	720
	East Bale	28	27	560	540
	Borena	30	27	600	540
	South-West Shewa	36	36	720	720
	Guji	37	29	740	580
	Western Guji	36	26	720	520
	Finfinne Zuria Special Zone	29	29	580	580
	West Arsi	41	40	820	800
	Kellem Wellega	34	7	680	140
	Horo Guduru Wellega	32	32	640	640
	Buno Bedele	33	33	660	660
	Region Total	**769**	**681**	**15,380**	**13,620**

APPENDIX III …. Continued

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Woreda	Planned	Covered	Planned	Covered
Somali	Siti	27	24	540	480
	Fafan	33	32	660	640
	Jerer	31	31	620	620
	Erer	29	29	580	580
	Korahe	27	26	540	520
	Shebele	31	30	620	600
	Dollo	31	30	620	600
	Afder	31	30	620	600
	Liben	29	29	580	580
	Nogob	22	22	440	440
	Dawa	25	23	500	460
	Region Total	**316**	**306**	**6,320**	**6,120**
Benishangul_Gumuz	Metekel	30	19	600	380
	Asosa	29	27	580	540
	Kamashi	24	12	480	240
	Mao-Komo Special Woreda	20	19	400	380
	Region Total	**103**	**77**	**2,060**	**1,540**
S.N.N.P	Guraghe	39	36	780	720
	Hadiya	37	37	740	740
	Kembata-Tembaro	32	32	640	640
	Gedio	35	35	700	700
	Wolayita	39	39	780	780
	South Omo	35	34	700	680
	Shaka	27	9	540	180
	Kaffa	37	37	740	740
	Gamo-Goffa	41	40	820	800
	Bench-Maji	35	31	700	620
	Yem Special Woreda	22	22	440	440
	Dawro	32	32	640	640
	Basketo Special Woreda	20	20	400	400
	Konta Special Woreda	24	24	480	480
	Siltie	35	34	700	680
	Halaba	28	25	560	500
	Segen People's Zone	33	29	660	580
	Region Total	**551**	**516**	**11,020**	**10,320**
Gambella	Agnuak	21	16	420	320
	Nuer	20	17	400	340
	Mejenger	23	22	460	440
	Itang Special Woreda	20	18	400	360
	Region Total	**84**	**73**	**1,680**	**1,460**
Harari	**Harari**	**30**	**29**	**600**	**580**
Dire Dawa	**Dire Dawa**	**30**	**30**	**600**	**600**
Sidama	**Sidama**	**46**	**46**	**920**	**920**
	Country Total	**2,768**	**2,371**	**55,360**	**47,420**

APPENDIX IV - QUESTIONNAIRE

Form Ag.S.S. 2013/0

Central Statistics Agency
National Integrated Household Survey
Agricultural Sample Survey, 2020/21 (2013 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 Holder ID (Within the Household)	Holder's Name	Agricultural Household ID (If code 1 is filled in col. 3)	Selection Order (For sampled HHs)

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

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

____ page(s) of _____ pages
Form Ag.S.S 2013/1

Central Statistics Agency
National Integrated Household Survey
Agricultural Sample Survey, 2020/21 (2013 E.C.)

Part I - Identification Particulars

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

Part II – List of Selected (Sampeled) Agricultural Households and Holders

1	2	3	4	5	6		7	8
Household ID	Name of Household Head	Holder ID	Name of Holder	Holder's phone number	Type of agriculture Crop = 1 Livestock = 2 Both = 3	code	Selection order	Remark

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

------- page(s) of --- pages

Form Ag.S.S 2013/2A

CENTRAL STATISTICS AGENCY
ANNUAL AGRICULTURAL SAMPLE SURVEY
2020/21 (2013 E.C)

SECTION 1: Area Identification

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Woreda	Kebele	EA	HH ID	Sex of HH head M = 1 F = 2	Holder ID	Holder's Name	Age	Sex M = 1 F = 2	Level of education completed (Code)	Household size	Type of agriculture Crop = 1 Livestock = 2 Both = 3

SECTION 2:- Field /Other land use details

15	16	17					
S. No.	Questions for the holder	Parcel No.			Plot/field No.		
		The field is covered by: Single crop = 1 Mixed crops = 2 Other land use = 3					
		Crop/other land use name		Crop name		Crop name	
		Code		Code		Code	
1	**Type of holding: Own** = 1 Rented in = 2 Sharecrop in = 3 Other (specify) = *4*						
1.1	For how much did you rent this plot? If it is your own, how much would you pay if you rent it? (If it is share cropped in, estimate the share of the production that you will share to the owner of the plot in birr).						
2	**Is the field under extension program/ Service?** Yes = 1 No = 2						
3	**Was this field /plot Irrigated?** Yes = 1 No = 2 → **Q**4						
3.1	**If it was irrigated, source of water:** River = 1 Lake = 2 Pond = 3 Harvested water = 4 Well/ground water = 5 Dam = 6 other (specify) = 7						
3.2	**Type of irrigation:** Full/conventional irrigation = 1 Supplemental irrigation = 2						
4	**How many times was the field tilled in this production season?** Zero tillage (direct drill/seedling) = 1 Tilled once = 2 Tilled two times = 3 Tilled three or more times = 4 Not at all(not cultivated) = 5						
4.1	**Slope of the field/plot:** Plain = 1 partially slopy = 2 slopy = 3						
5	Did you use prevention methods against soil erosion on this field? Yes = 1 No = 2 → **Q**6						
5.1	**If the answer to Q5 is Yes, main soil erosion preventive method used:** Terracing = 1 Bund = 2 Planting trees = 3 Plough across the contour = 4 Rotational grazing = 5 avoiding grazing = 6 Creating grassed waterways = 7 Other (specify) = 8						
6	**Do you apply any method to maintain /improve soil organic matters on this field/plot?** Yes = 1 No = 2 → *Q7*						
6.1	**(If the response to Q6 is YES, what method do you mainly used?** Growing annual crops in rows between perennial crops = 1 maintaining continuous soil cover (residues) = 2 Maximizing the use of organic matter sources =3 Using appropriate placement of nitrogen fertilizers = 4 Avoiding grazing = 5 Increasing the complexity of the crop rotations = 6 intercropping the complexity crop rotations with leguminous crops = 7 other = 8						
7	**How were seeds planted/ sowed?** (For only Temporary crops) Broadcasting = 1 Row planting = 2						
8	If more than one crop grown or if crops were intercropped, give the percentage of land devoted to each crop (the total percentage should equals 100).						
9	Number of Plants or trees on the field (for permanent crops only). (exclude chat, pineapple and sugarcane)						
10	Number of matured plants or trees (in full production) on the field (exclude chat, pineapple and sugarcane)						
11	Of the total area of this field, what percent of it is devoted to trees in full production (for each crop type)?						
12	**(For "enset" trees only)** Number of trees harvested/to be harvested in the production season:						
13	**Type of seed/seedling sowed/planted:** Improved seed *= 1 local seed = 2* → **Q**16						
13.1	**If code 1 for Q13, the seed used was: (For only Temporary crops)** New improved seed for this production season = 1 Improved seed left over from last year production season = 2 Improved seed saved from previous harvest *= 3* (if Code 2 or 3 for Q13.1,→ Q16)						
13.2	**If code 1 for Q13.1,** From whom/or institution did you obtain/purchase the seed? Code (a): (codes are available in enumerators manual).						
14	**(For Cereals, Pulses and Oil seeds only:)** If improved seeds are used, (If code 1 for Q13, quantity of seed used (in Kg)	Kg	Gm	Kg	Gm	Kg	Gm
15	***(For Cereals, Pulses and Oil seeds only):*** If improved seeds are used, (If code 1 in *Q13),* Total cost of seed(Birr)	Birr	Cents	Birr	Cents	Birr	Cents

16	**(For Cereals, Pulses and Oil seeds only:)** If local seeds are used, (If code 2 in Q13), quantity (in Kg)	**Kg**	**Gm**	**Kg**	**Gm**	**Kg**	**Gm**
16.1	**(for only cereals, pulses and oil seeds):** cost of local seed used (in Birr).	**Birr**	**Cents**	**Birr**	**Cents**	**Birr**	**Cents**
17	**Was there any crop damage on this field? Yes** = 1 No = 2 (if the answer is no to Q17, → *Q20*)						
18	**If there was crop damage, (if code 1 for Q17):** **Main cause of damage:** →						
	Code for main cause: →						
19	**Percent damaged (if code 1 for Q17):**						
20	**Have you applied any preventive methods against crop damage?** **Yes** = 1 No = 2 (if the answer to Q20 is no, → Q23)						
21	**Type of preventive methods (if code 1 to Q20):** Chemical = 1 Natural/traditional/ = 2 Both = 3						
22	**If chemical was used, type of chemical:** Pesticide = 1 Herbicide = 2 fungicides = 3 1 &2= 4 1 & 3 = 5 2 &3 = 6 All = 7						
23	**Have you applied/used natural/chemical fertilizers on this field? Yes** = 1 No = 2 (if the answer to Q23 is no →Q27)						
24	**If fertilizer was applied, type of fertilizer:** Natural = 1 Chemical = 2 Both = 3						
25	**If chemical fertilizer was applied, (if code 2 or 3 to Q24):**						
	25.1 Type of chemical fertilizer: UREA = 1 DAP =2 UREA & DAP = 3 NPS = 4 NPS & UREA = 5 Blended = 6 UREA & Blended = 7						
	25.2. Quantity of chemical fertilizer applied to the field (by fertilizer type):	**DAP** Kg / Gm	**UREA** Kg / Gm	**NPS** Kg / Gm	**Blended** Kg / Gm		
	25.3. Total Cost of chemical fertilizer applied, by fertilizer type, (in Birr)	**DAP** **Kg** / **Gm**	**UREA** **Kg** / **Gm**	**NPS** **Kg** / **Gm**	**Blended** **Kg** / **Gm**		
26	**If natural fertilizer was used, (if code 1 or 3 to Q24), type of natural fertilizer:** Animal waste/manure = 1 compost = 2 Orga = 3 1 & 2 = 4 1 & 3 = 5 2 & 3 = 6 all = 7 other(specify) = 8						
27	Number of times you harvest from this field/plot in this season?						
28	If you harvest twice or more from this plot in this production season, name of crop harvested: (more than one crop possible).	Crop name	Code	Crop name	Code	Crop name	Code
29	**What was the field before this production season?** Left fallow = 1 own cropped/caltivated land = 2 gvernment forest/ tef/swamp = 3 comunal grazing/forest/tef land = 4 grazing/forest/tef land under other holder = 5 Cropped/caltivated land under other owner = 6 other (specify) = 7						
30	Number of oxen/other animals used during land clearing, land preparation and planting.	M	F	C			
30.1	**Total cost paid for animal services** (oxens/other animals) during land clearing, land preparation and planting (if own animals used, estimated cost)						
31	Number of days family members spent on this field during land clearing, land preparation and planting (in perso-days).						
31.1	Estimated cost for family members participated on this field during land clearing, land preparation and planting.(in Birr)						
32	Number of days hired persons spent during land clearing, land preparation and planting.(in person-days)						
32.1	Total cost for hired persons during land clearing, land preparation and planting.(in Birr)						
33	Labour sharing (debo, wenfel,….): number of days persons in the work party spent during land clearing, land preparation and planting.(in person-days)						
33.1	Total cost paid for persons participated in the work party, (including spent in the form of foods, drinks, …) (in Birr)						
34	Total cost spent for mantionary service (if own mationary used, estimate in monetary value)						
35	Total cost spent for animal service for transport during land clearing, land preparation and planting.						

M = Male, F = Female , C = Children (under 15 years of age)

FORM 2A: SECTION 3: Area of field/plot measured by (GPS, Compass Rope, or Measurer) (Meher 2013 E.C)

1	2	3	4	5	6		7	8	9	10		11	12	13		14	
HH Id	Sex of HH head	Holder Id	Parcel No.	Plot No.	Crop name		Was area of the field measured using GPS, Compass-Rope or Measurer? GPS = 1 Compass Rope = 2 Measurer = 3 Not measured = 4	If field is measured using GPS or Measurer, accuracy	Closure error (for fields measured using compass and meter only)	Area of field/Plot (in sq.m.)		If field is not measured, reason: Difficult to measure with compass/measurer/GPS = 1 Other = 2	If field is measured using GPS or measurer software, field obstruction Not protected/bare = 1 Covered with trees/perennial crops =2 In compound = 3 Partially covered = 4 Other (specify) = 5	Date of measurement		How large is the plot in Local Units?	
					Name	Code				(Measured Clockwise)	(Measured Anti Clockwise)			Day	Month	Area in [Name]	
																Area	Area Unit

	Name	Signature	Date
Data collector's			
Field Supervisor's			

Form AgSS 2013/3/1A

Central statistics Agency
Agricultural sample survey (2013 E.C)
Meher season Pre-harvest crop production forecasting

Section 1: Area Identification

1	2	3	4	5	6	7	8	9
Region	Zone	Wereda	Farmers' Association	Enumeration Area	HH Id	Sex of HH head Male = 1 Female = 2	Holder Id	Holder name

Section 2: Pre-Harvest Crop production forecasting (only for Permanent crops, Vegetables and root crops) – Main season

1		2		3	4		5	6		7	8		9
S.No		Crop name	Code	No. of fields	What is your view of your productivity in this crop relative to last year's production season (subjective measure of productivity) Will increase =1 No change = 2 Will decrease = 3	Code	If it will increase: Amount of increment in percent	If it will increase: One main reason for increament	Code	If it will decrease: Amount of decrease in percent	If it will decrease: One main reason for the decrease	Code	Expected productivity change in percent
0	1												
0	2												
0	3												
0	4												
0	5												
0	6												
0	7												
0	8												

Note: Data will be collected from October 11-25/2020 (15 days)

	Name	Sinature	Date
Enumerator's			
Field Supervisor's			

Form AgSS. 2013/4

CENTRAL STATISTICS AGENCY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY **2020/21 (2013 E.C.)**

Part I – Identification Particular

1	2	3	4	5
Region	Zone	Wereda	Farmers' Association	EA

Part II – List of fields under temporary crops from which to select sample fields for crop cutting

1	2	3	4	5		6		7		8	9	10	11	12	13	14	15	16	17
Household ID	Holder ID	Parcel No.	Field No.	Holder Name		Production Harvested/ to be harvested in local/standard units				Crop Name									
						Local/standard unit		Production		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.
					Code	Name	Code												

	Name	Signature	Date
Enumerator's			
Field Supervisor's			

Form AgSS. 2013/5

CENTRAL STATISTICS AGENCY

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY **2020/21 (2013 E.C.)**

Part I – Identification Particular

1	2	3	4	5
Region	**Zone**	**Wereda**	**Farmers' Association**	**E.A**

Part II – Crop Cutting Results for temporary crops

1	2	3		4	5	6		7		8		9		10		11		12
Parcel No.	**Field No.**	**Crop Name**	**Code**	***Household ID***	***Holder ID***	**Date of crop cutting**		**Fresh Weight**		**Date of dray weighting**		**Dry weight**		**Was there any crop damage?** Yes = 1 No = 2	**Code**	**If yes, one main cause of damage**		**Percent of crop damaged**
						Day	**Month**	**Kilo**	**Gram**	**Day**	**Month**	**Kilo**	**Gram**			**Cause**	**Code**	

	Name	Signature	Date
Enumerator's			
Field Supervisor's			