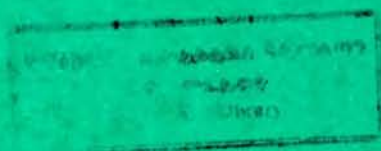


FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY
Crop Production Forecast Sample Survey,
2006/07(1999 E.C.)

(Conducted from September 11 to October 25, 2006)



Report on Area and Crop Production forecast for Major Grain Crops
(For Private Peasant Holding, Meher Season)



January 2007
Addis Ababa

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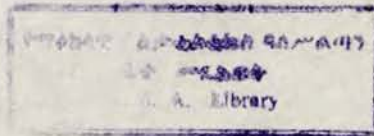
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CHAPTER I

BACKGROUND

1.1 Introduction

In a country with dominating agrarian economy like Ethiopia, alleviating food security is one of the most important objectives to be attained by the agriculture system. In Ethiopia, however, the agriculture system is dominated by rain fed agriculture, where the performance of the sector is highly dependant on the timely on set , duration, amount and distribution of rain fall, that makes the system highly vulnerable to drought and other natural calamities.

Therefore, in Ethiopia, assessing total food supplies and providing timely early warning signals to the emerging difficulties due to drought and other natural calamities are and remain to be the primary objectives of the efforts to be made annually by the government and the concerned non-government organizations. Towards this end, many factors need to be taken into consideration. Among these factors, obtaining reliable and timely pre-harvest forecast estimates of food crop production is paramount importance. Hence, compiling reliable, accurate and timely crop production forecast data for users should get prior consideration. In order to take all the necessary and appropriate measures in administering exports or imports, management of stocks and distribution of food to deficit regions, regulation of price control during periods of surplus or deficit...etc. have to be given due attention.

In agricultural statistics the term "forecast" is used to indicate qualitative or quantitative information compiled and released before harvest. It differs from an "estimate" which is always quantitative and compiled during harvest time or afterwards.

A forecast of crop production can, therefore, be defined as a statement of the most probable production of crop, which is to be obtained (expected) from the coming harvest, based on reasonable expectations of the crop growing conditions through the harvest period.

The 2006/07 (1999 E.C.), Crop Production Forecast estimates are based on data collected from peasant holders using scientifically accepted probability sampling methodology subject to the

conditions and expectations for harvest at the time of data collection, that is, from 11 September through 25 October 2006 (i.e. from Meskerem 1 to Tikimt 15, 1999 E.C.).

1.1.1 Measures taken to improve the Crop Production Forecast Results.

As it is customary for all other surveys, the Central Statistical Agency(CSA) had consulted the major data users i.e. government and non-government agencies and gathered opinions that would help improve the data quality in terms of reliability and accuracy prior to the launch of the 2006/07 (1999 E.C.) Annual Crop Production Forecast Sample Survey. Accordingly, the following stakeholders were used as ultimate statistical unit on which data on "condition factor" collected from.

- a) Each holder who are grown grain crops, in the sampled households of the selected enumeration area was interviewed to state the expected percentage change on crop yield compared to that of last year's. These holders who are knowledgeable with accumulated and rich practical experience are believed to be the major source for accurate and reliable data on condition factors.*
- b) Development Agents of Regional Agriculture and Rural Development Bureaus are sub professionals assigned to each peasant associations. Nowadays, most of the development agents that are assigned to one or group of peasant associations are trained to advice and provide technical assistance to farmers on the use of modern or improved farm management practices in order to attain enhanced productivity. While performing their duties these development agents could easily identify the major crops grown, the timely onset or the delay, in the distribution and amount of rainfall which is important for crop production activity in their respective area. Therefore, the development agents who are informative by the very nature of their job are believed to be another source of agricultural information including "condition factors".*
- c) Chairpersons of the peasant association in each selected enumeration area were interviewed to state the expected percentage change of each grain crop yield compared to that of last year's. These individuals are assumed to be more*

knowledgeable than others about their respective areas due to their duties and responsibilities that would inform them about the supply and magnitude of farm input distribution and weather conditions. Therefore, the peasant association chairpersons are believed to be one of the sources of data on "condition factors".

- d) *Five farmers group leaders in each selected enumeration area were interviewed to state and agree on the expected percentage change of each grain crop yield compared to that of last year's. These group leaders are very close to farmers and are believed to be one of the sole sources of data on "condition factors"*

Thus, the above mentioned four stakeholders are used as ultimate independent statistical units for the data on condition factors collected. The condition factor data that were collected from the stakeholders were summarized and then the simplified average are used to modify last year's post harvest yields. These yields are considered as "the current year expected yield of the crop under investigation". Finally, the estimated expected yields are used to calculate the expected volume of production of each crop that are presented in this report at country, regional and zonal reporting levels.

i. Extending Data Collection Period

The period of data collection on condition factor was extended till mid Tikmit as opposed to end of Meskerm. This is due to the fact that delaying the period of data collection by few weeks might give a better picture in assessing the crop conditions in some area.

ii. Timeliness and Collaboration with Others.

Besides the efforts so far mentioned, the CSA as its first experience collaborated with FAO Food Supply and Crop Assessment Mission to improve its crop forecast survey results as follows:-

a. Providing timely data on Area Under Crop

The CSA provided its current season estimated data on area under crop that were obtained from objective measurement by crop type at national, regional and zonal levels. These data were made available to all regional bureaus and to the FAO

Crop Assessment Mission prior to their field trip. This was the first practical move of the CSA in an effort to minimize the gap between cropland area estimated by different data producers. Thus, the FAO mission used these data as a check list to verify and further scrutiny purposes. On the other hand, some regions also utilized these data as an input to predict their expected production of the current year.

b. Participating in the Crop Assessment Mission

Seven senior professionals from CSA were assigned to collect data and technically assist in the field data collection activities of the FAO Crop Assessment Mission teams that have visited all regions of the country for three weeks time. Besides their technical advice to the mission, the assigned statisticians served the CSA in providing data on condition factor that were utilized to eliminate out liars. In other words, these data were used as input in the process of data cleaning and summarizing the current year crop production forecast estimates presented in this report.

iii. Incorporating Interval Estimates in the Statistical Tables

It is important for data users to note that the objective of a probability sample survey is to make inferences about the true population value based on a sample drawn from that population. Statistical estimation can be separated into two forms: point estimates and interval estimates

For point estimates, where one value is computed on the real number scale derived from a sample of data elements, e.g. x_1, x_2, \dots, x_n , such that it is used to estimate the true population value of x . Thus point estimator is directly dependent on the individual values of the data which will vary with multiple samples. Thus the estimates in this report are point estimates of their respective true population values which would differ on the real number scale depending on the composition of the data elements for each subsequent survey sample.

To alleviate the problem of not knowing the true population value, statisticians use the second form of estimation, called interval estimation, where two points are used to define an interval

on the real number scale, which should contain the true population value. Based on sample survey data this interval is constructed such that given a certain specified level of probability, the resulting confidence interval has a specific chance to contain the true population value. Again it is important to note that every sample will have its own unique confidence interval which also has a specific probability of containing the true population value.

The interval estimates for cereals, pulses and oilseeds on the results obtained from the sampled households in the selected EAs in the 2006/07 (1999 E.C) Crop Production Forecast Sample Survey are incorporated in the statistical tables right after presenting the country and regional level estimates. The confidence intervals are based on a probability such that, unless due to chance alone, the true population values would be expected to be contained within a 95% confidence interval

This report, therefore, presents basic information on the area under major grain crops and expected volume of production (where the production is calculated using the simplified average condition factor collected from the different stakeholders mentioned above) that will be obtained prior to the harvest of 2006/07 (1999 E.C.), Meher season, at country, regional as well as zonal/special wereda levels.

1.2 Objectives of the Crop Production Forecast Sample Survey

The objective of the 2006/07 (1999 E.C.), Crop Production Forecast Sample Survey is to produce basic quantitative information on area and expected production of major food crops. This information can serve as an earlier indicator to warn policy makers and planners about the emerging difficulties that result from surplus or deficit crop production in the coming main season harvest. Therefore, timely crop production forecast estimates made on the quantity of the expected production of the 2006/07 (1999 E.C.) Meher (Main) season crops prior to their harvest are used as a primary input for policy preparation and implementation of timely measures such as administering exports or imports, management of stocks and distribution of food to deficit regions, regulation of prices at the time of surplus or deficits, ...etc. Moreover, quantitative data on crop production forecast will be used as input for estimating Gross Domestic Product (GDP).

CHAPTER II

SURVEY METHODOLOGY

2.1 Coverage

The 2006/07 (1999 E.C) Annual Crop Production Forecast Sample Survey covered the rural agricultural population in all the regions of the country except all zones of Gambella Region, and the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,165 enumeration areas (EAs) and 250 resettlement localities were selected. However, due to various reasons that are beyond control, in 62 EAs (48 are EAs of Gambella region) and 09 resettlement localities the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,103 EAs and 241 resettlement localities (97.06%) throughout the regions. The Crop Production Forecast Sample survey was conducted on the basis of 10 agricultural households selected from each EA / resettlement locality. Regarding the ultimate sampling units, it was intended to cover a total of 24,150 agricultural households, however, 23,409 (96.93%) were actually covered by the survey. It is also important to note that only 35 EAs are covered out of 40 from Bale Zone due to the fact that the remaining 5 EAs are from highland areas that seasonal timing does not allow to make crop production forecast.

2.2 Sampling frame

The list containing EAs of all regions and their respective agricultural households obtained from the 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) 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. Resettlement localities, on the other hand, are samples of the list of all resettlements localities obtained from each region. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA/ resettlement locality at the beginning of the survey.

2.3 Sample design

A two stage stratified cluster sample design was used to select the sample in which the primary sampling units (PSUs) were enumeration areas / resettlement localities and second stage sampling units were households. Except Harari, Addis Ababa and Dire Dawa, where the region as a whole is considered to be the domain of estimation, each zone of a region / special wereda that is considered to be a zone by itself was adopted as a stratum for which major findings of the survey are reported. For the details of the number of strata in each region see Summary Table II.1 below.

Summary Table II.1 Total and Covered Zones / Strata By Region

Region	Number of Zones / Strata	
	Total	Covered
Tigray	5	5
Afar	5	2
Amhara	10	10
Oromia	17	17
Somali	9	3
Benishangul-Gumuz	3	3
S.N.N.P.R.	21	21
Harari*	1	1
Addis Ababa*	1	1
Dire Dawa*	1	1
Total	73	64

* = Values for these regions refer to the number of strata

During the past years (before 2005/06) crop condition were collected solely from agricultural holders. However, from 2005/06 on wards crop condition was collected from development agents and heads of farmer's associations in addition to agricultural holders. The crop production forecast is, therefore, calculated by assigning different weights to crop conditions collected from the above two distinct sources.

Moreover, values about the 2006/07 cultivated areas of crops and the expected amount of production for Gambella region is also provided. However, it is important to note that the values

are not obtained from the survey but they are projections from the results of the 2003/04 annual Crop Production Forecast Sample Survey.

2.4 Selection scheme

Enumeration areas / resettlement localities from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. Sizes for resettlement localities on the other hand were obtained from the 2004 listings of resettlement localities. Within each sample EA / resettlement locality 10 agricultural households were selected systematically from the fresh list of households prepared at the beginning of the survey.

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

3. Field Organization

In order to systematically and efficiently accomplish the data collection activities of the 2006/07 (1999 E.C.), Crop Production Forecast Sample Survey in the field, a comprehensive field organization was put in place. Accordingly, all the technical personnel of CSA, heads of the 24 Branch Statistical Offices as well as field supervisors and enumerators were fully involved in the administration of the survey operations. For conducting the survey, a total of **2501** (including reserves) field enumerators, were recruited, trained and were assigned in the selected sample EAs. One supervisor was assigned to closely supervise and follow up the work of five enumerators. Moreover, experts from the CSA's headquarters, and other supporting staff were involved in the survey operations.

All enumerators were equipped with the necessary survey material and equipment such as questionnaires, instruction manuals, compasses, measuring tapes, programmable calculators,

iron pegs, ... etc. just before the deployment to their respective enumeration areas (The survey questionnaires are given in Appendix IV).

3.1 Training of Field Staff

Before conducting the Crop Production Forecast Sample Survey, it required considerable planning and acquisition of all relevant survey materials. These included the training of personnel, procurement of equipment, designing and printing of questionnaires, as well as enumerators' and supervisors' instruction manuals.

The training program for this survey was carried out in two stages. In the first stage, 123 trainees from the CSA professional staff members were trained for 8 days at CSA headquarters. Those trained in the first stage carried out similar training for about 455 field supervisors and 2501 field enumerators for two weeks at the 24 Branch Statistical Offices located all over the country.

The content of the training document focused on specific and details pertaining to the survey, including detailed classroom instruction on the purpose, terminology, concepts and definitions used in the process of undertaking the survey. Furthermore, the training program comprised field practices i.e. how to correctly complete each questionnaire and undertaking the operations of field area measurement techniques.

4. Method of Data Collection and Crop Production Forecasting

4.1 Method of Data Collection

The data collected from the sampled agricultural holders for the crop production forecast estimates consisted of both subjective questions through direct interviews and objective method associated with field measurements. Data were collected objectively by measuring all fields under temporary and permanent crops using compasses and measuring tapes (see Appendix III for the total number of fields measured). On the other hand, the expected crop production forecast estimates are calculated from the condition factor data that are collected directly from the sampled holders within household, peasant association chairpersons and development agents. The enumerators were trained to systematically present the questions to the respondents on

percentage changes using the local translation and meaning. The enumerators were also trained on how to use comparative associations to represent the concept of percentage changes and fill in the questionnaire.

The estimation procedure of forecast survey has proven to be successful in the past years and also avoided the serious problems in Ethiopia of using many different types of local units of measurements that the farmers could otherwise report on their absolute crop yields. These subjective data on percentage yield change are recorded on the questionnaire for each grain crops under investigation.

4.2 Method of Crop Production Forecasting

The Crop Production Forecast Sample Survey is based on what could be considered a three-component production "Model". The first component production "model" is the survey's direct expansion estimate of the actual cultivated area (obtained from the objectively measured fields during the September-October field data collection period). The second component production "model" uses last year's 2005/06 (1998 E.C.) Meher (Main season) crop yield estimate obtained from objectively collected crop cuttings results. The third component production "model" is the average "condition" factor, which adjusts the previous years' yield data in order to estimate the current year production.

All specific condition factors (such as weather, pest damage, ... etc.) affecting the crop growth for the rest of the current season are assumed to be taken into account by the holder's own subjective assessment through these "condition" factors.

4.3 Factors that Influence the Expected Crop Production

For the holder, to intuitively formulate the future production of his/her crops in the field, there are numerous factors that he/she has to take into account and make assessment subjectively. Besides the meteorological factors, there are a number of other factors that influence production and yield of crops. The major external factors that have negative and positive influence on yield and production are given below:

4.3.1 Factors that have Negative Influence

- Too much rainfall and lodging of the crop,
- Shortage of rainfall,
- Insect (locust), disease and other pest (birds) damage,
- Hail and frost damage,
- Wild and domestic animal damage,
- Shortage of seed,
- Depletion of the soil fertility, and
- Others.

4.3.2 Factors that have Positive Influence

- Favorable weather conditions,
- Improved seed and cultural practices,
- Application of fertilizers,
- Application of pesticides (absence of pests), and
- Other.

5. Data Processing

5.1 Data Editing, Coding and Verification

To facilitate the data processing activities, editing and coding instruction manuals were prepared and printed prior to the training of the staff to be involved. Before the retrieval of the filled-in questionnaires from the respective Branch Statistical Offices, the CSA regular editing/coding staff members were given a half day of intensive training on proper questionnaire review techniques. Instructions on how to correctly undertake coding the questionnaire and correcting inconsistencies were thoroughly explained to the editors. A total of 67 editors/coders were involved in this operation.

During the editing and coding processes, two professional staff members from Natural Resources and Agricultural Statistics Department were assigned to guide and supervise the editors/coders in correction of the difficult problems in the filled-in questionnaires. These technical experts were also involved in answering questions, clearing doubts...etc. and facilitate the editing and coding

activities. Each editor/coder was assigned to work on a single EA at a time to ensure that all questionnaires were accounted for and completed. Then, the edited and coded questionnaires were also checked by a total of five supervisors/verifiers.

5.2 Data Entry, Cleaning and Processing

The data entry operation deployed about 123 data encoders, 14 data encoder supervisors, 9 data cleaning operators and 69 personal computers. The data entered into the computers using the entry module of the IMPS (Integrated Microcomputer Processing System) software, which is a software package developed by the United States Bureau of the Census. Verification was also carried out to ensure the quality of the entry work. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data, ...etc. by the regular professional staff from Natural Resources and Agricultural Statistics Department. On the other hand, data cleaning computer operators from Data Processing Department fully participated in the data cleaning activities using computer edit program. The final stage of the data processing was to summarize the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software.

6. Basic Concepts and Definitions Used

The concepts and definitions used in the survey are described as follows:

Enumeration Area (EA): - Is the survey primary sampling unit classified as located in the rural area of the country which is less than or equal to a Peasant Association's area and usually consists of 150-200 households.

Households: - A household may be either;

- a) A one person household, that is a person who makes provision for his own food or other essentials for 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 provision for food or other essentials for living. The persons in the group

may pool their incomes and have a common budget more or less. They may be related or unrelated persons, or a combination of both.

Agricultural Households: A household is considered an agricultural household when at least one member of the household is engaged in growing crops and/or breeding and raising livestock in private or in partnership with others.

Holder: A holder is a person who exercises management control over the operations of the agricultural holdings and makes the major decisions regarding the utilization of the available resources. He has technical and economic responsibility for the holding. He may operate the holding directly as an owner or as a manager.

Using the terminology of a traditional agricultural holding the holder may be regarded as the person, who with or without help of others, operates land or raises livestock for his i.e. the person who decides on what, when, where and how to grow crops and/or raise livestock and has the right to determine the utilization of the products.

Holding: A holding is all the land and livestock kept which is used wholly or partially for agricultural production and is operated as one administratively manage unit by one person alone, or with others, without regard to title, legal form, size or location. A holding may consist of one or more parcels.

Parcel: A parcel is a portion of land belonging to the holding, which is any piece of land entirely, surrounded by land, water road, forest, e.t.c., which are not parts of the holding. It may consists one or more cadastral units, plots or field adjacent to each other.

Field: A field is defined as any plot of land within a parcel, which can be hole or part of a parcel under the same agricultural practice.

Forecast of Crop Production: It is an estimation of the future realization of final crop production growing under conditions, which introduce a random variable, which can cause an uncertainty as to what the final production at harvest will be.

CHAPTER III

-----HIGH LIGHTS-----

ON THE MAJOR FINDINGS OF THE YEAR 2006/07 (1999 E.C.), CROP PRODUCTION FORECAST SURVEY

3.1 Introduction

In this part of the report, an attempt is made to present crop area statistics and the volume of the expected production of major crops at the country, regional, zonal and special wereda reporting levels. Following are given the discussions on the major findings of the survey results.

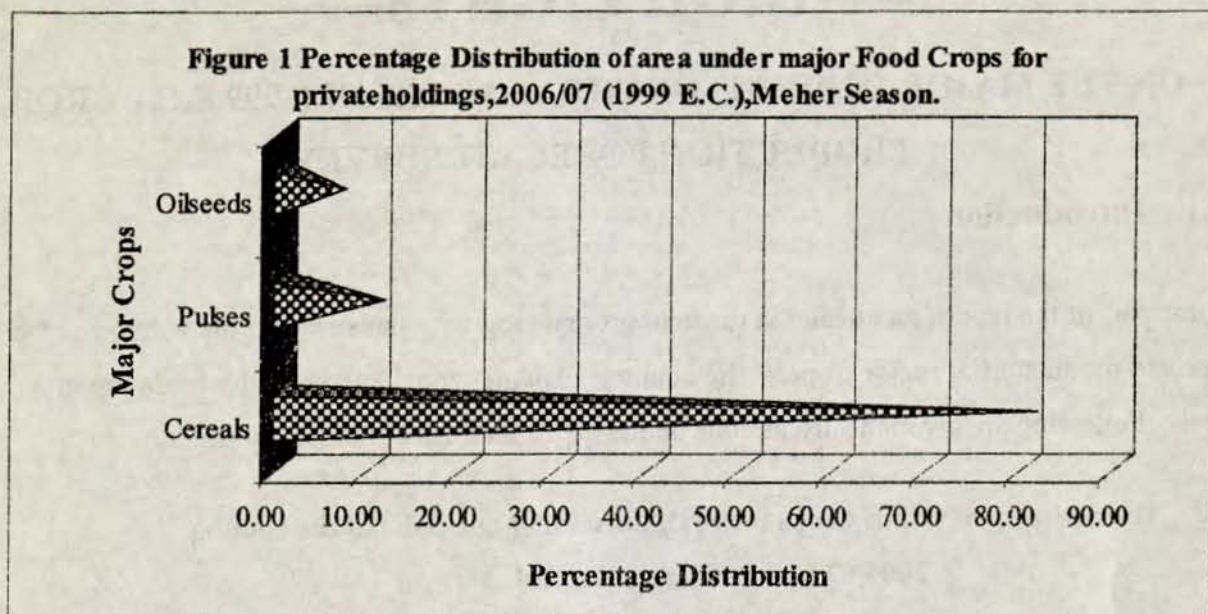
3.2 The prospect of Grain Crops (Cereal, Pulses and Oilseeds) of the coming 2006/07 Meher Season Harvest

The results of the year 2006/07 (1999 E.C.), Crop Production Forecast Survey indicate that a total land area of about 10.52 million hectares are covered by grain crops constituting cereals, pulses and oilseeds, from which a total volume of about 154.95 million quintals of grains are expected to be produced, from private peasant holdings including resettlement localities (See Summary Table III.1).

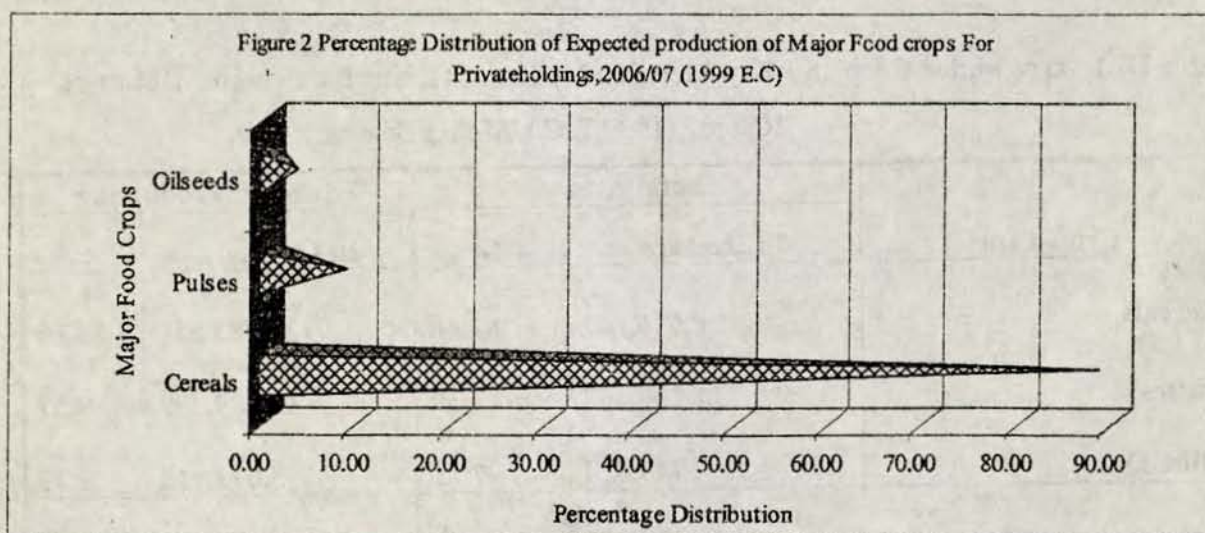
Table III.1 Area under Crop and Expected Production of Grains for Private Holdings, 2006/07 (1999 E.C.), Meher Season

Crop Type	Total Area		Expected Production	
	In Hectare	%	In Quintals.	%
Cereals	8,576,747	81.48	136,583,551	88.16
Pulses	1,200,462	11.39	13,289,339	8.57
Oilseeds	749,674	7.11	5,073,112	3.27
Total Grains	10,526,882	100	154,946,001	100

Out of these totals cultivated cropland area and expected volume of grain production, 8.57 million hectares are accounted for cereals (81.48%) from which about 136.58 million quintals (88.16%) are expected to be produced during this year's Meher harvest season (See Fig.1 & 2).

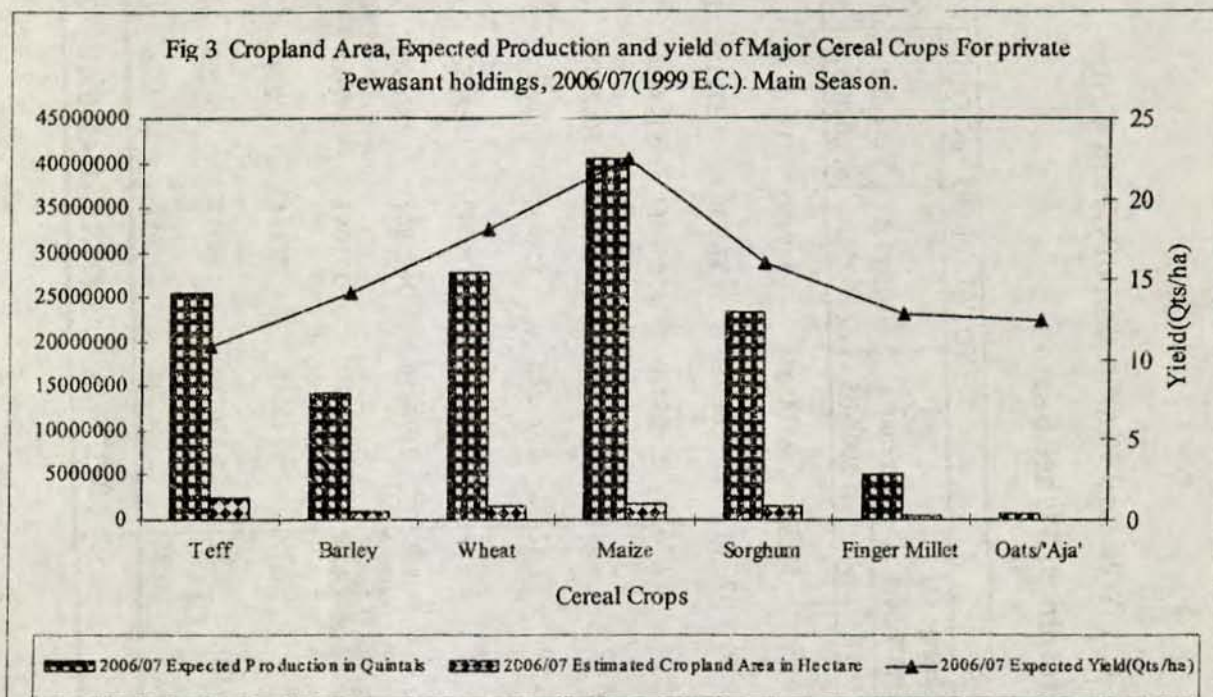


Crops such as teff, maize, sorghum, wheat and barley within the category of cereals have covered an estimated total cultivated land area of about 2,364,874; 1,792,714; 1,440,108; 1,538,339; and 996,947 hectares, respectively. Similarly, the total volume of about 25,567,969; 40,296,304; 23,130,408; 27,790,579; and 14,096,880 quintals are expected to be produced in the year 2006/07 (1999 E.C.) Meher season harvest, with an average expected yield of 10.81; 22.47; 16.05; 18.07 and 14.14 qts/ha, in that order. (For details see Fig 3 and Table 1).



Pulses currently planted on about 1.20 million hectares of land (11.39%) from which about 13.29

million quintals (8.57%) are expected to be produced in the 2006/07 harvest year. Pulses such as faba beans, field peas, haricot beans and chick peas are planted in about 472,719; 221,950; 218,041 and 105,143 hectares of land from which about 5,991,282; 2,091,196; 2,151,071 and 1,252,527 quintals of these grains are expected to be produced in the coming harvest, with an average expected yield of 12.67, 9.42, 9.86 and 11.91 quintals per hectare, in that order.



According to the survey results, oilseeds are grown on land area estimated at 750 thousand hectares (7.11%) from which about 5.08 million quintals are expected to be produced in this year's Meher harvest season. Crops such as Neug, linseed, groundnut, and, sesame within the category of oilseeds have covered 281,665; 185,253; 28,114 and 219,681 hectares of land, from which about 1,524,210; 1,279,981; 345,289 and 1,598,810 quintals of these crops with an average expected yield ranging from 12.28 qt/ha for ground nut to 5.41 qt/ha for, Neug , respectively, (See Table 1).

As observed from the results of the survey, grain crops are grown in almost all regions of the country, with slight to significant variations across the regions both in the size of cropland area and expected volume of production. Soil type, topography, climate and weather conditions of each regions and farmers preference, which is usually the reflection of speculated market demand for a specific crop by the farmers themselves, and/or advice from the concerned

**Summary Table III.2 Forecast of 2006/07(1999 E.C.) Area and Production of Grain Crops
For Private Peasant Holdings, Meher Season**

Region/ Killil	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06
Tigray	674,551	708350	745730	10.55	5.28	6316303	8587980	10105043	59.98	17.66
Afar	12,311	19088	14694	19.36	-23.02	167503	376330	372108	122.15	-1.12
Amhara	3,374,253	3570812	3669273	8.74	2.76	37623470	43854714	51984495	38.17	18.54
Oromia	4,574,889	4720123	4877917	6.62	3.34	62321656	67727141	76827359	23.28	13.44
Somali	72,130	67290	68244	-5.39	1.42	446486	378094	453510	1.57	*
S.N.N.P	913,209	876693	938220	2.74	7.02	8,249,115	10359040	12286320	48.94	18.60
Benshangul-Gumuz	166,285	171876	177040	6.47	3.00	1698970	2085802	2436659	43.42	16.82
Gambella	9395	9890	9890			162490	171067	171067		
Harari	7638	8807	8738	14.40	-0.79	45689	78154	102246	123.79	30.83
Addis Ababa	22979	10094	9189	-60.01	-8.97	126179	124037	104927	-16.84	-15.41
Dire Dawa	7638	7888	7948	4.06	0.75	50206	78917	102266	103.69	29.59
Country Level	9,820,960	10170911	10526882	7.19	3.50	119,239,169	133821275	154946001	29.95	15.79

governmental and/or non-governmental institutions among others, are considered as the major contributing factors for the observed regional variations.

However, the results of the 2006/07 Crop Production Forecast Sample Survey, indicated that both the largest grain crops covered land area and the highest expected volume of production to be obtained in the coming Meher season harvest were reported in Oromia, Amhara, SNNP, Tigray and Benshangul-Gumuz Regions. The total grain crops covered area reported in each of the above mentioned regions was 4,877,917; 3,669,273; 938,220; 745,730 and 177,040 hectares of land, contributing for about 46.29%, 34.82%, 8.90%, 7.07% and 1.68% to the total country level grain crops covered area, respectively. Similarly, the total expected volume of production to be obtained from the cropland area reported in each of the above mentioned regions was estimated to be 76,827,359; 51,984,495; 12,286,320; 10,105,043 and 2,436,659 quintals, which accounted for 49.53%, 33.51%, 7.92%, 6.51% and 1.57% of the total expected grain crops production reported at country level, respectively (For details see Summary Table III.2).

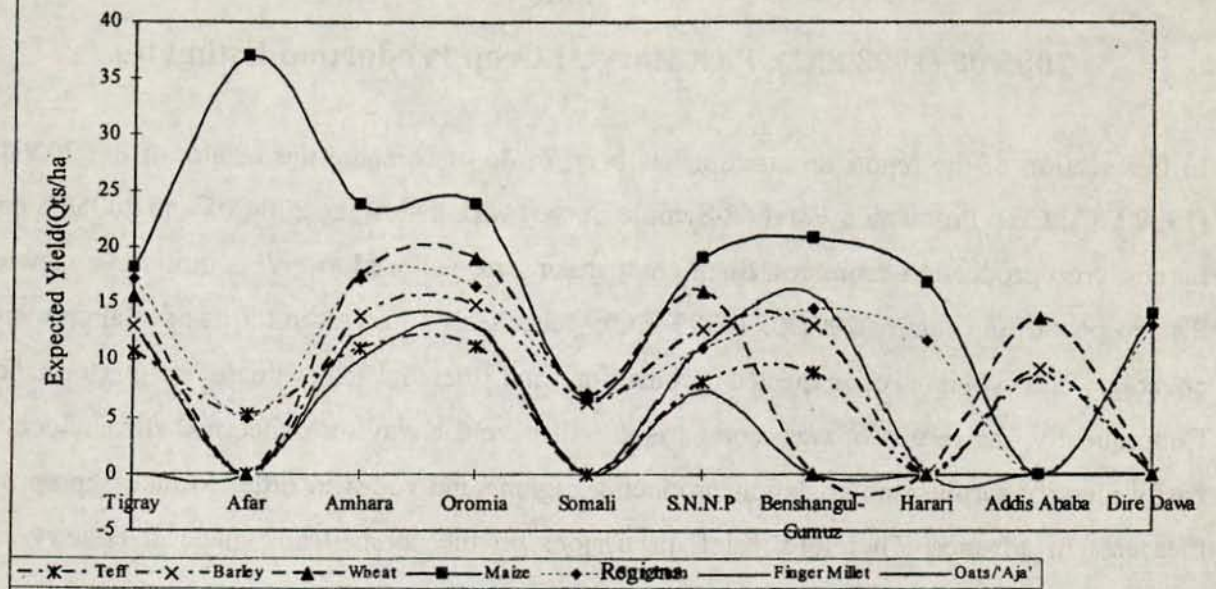
Since almost all crops within the cereals crops category served as staple food crops in Ethiopia, the trend of cereal crops covered land area and production data of the last ten-production years showed that cereal crops are found to be the dominant crops grown in the country compared to pulses and oilseeds. Accordingly, both the regional cereal crops covered area and expected production estimates obtained from the results of the 2006/07 Crop Production Sample Survey, are higher than those reported for pulses and oilseeds in each of the respective regions. (For details see Summary Table III.2).

Among cereal crops Teff, barley, wheat, maize and sorghum are found to be the most commonly grown crops across the regions. However, of the regional cropland area and expected volume of production of these crops, Oromia Region reported the highest cropland area i.e. 1,057,746; 489,153; 885,465; 973,799 and 531,678 hectare of land with quintals of expected production of to be obtained in the coming Meher Season harvest, respectively. The expected yield reported for each of the crops mentioned above ranges from 11.20 for teff to 23.71 for maize. Amhara and SNNP Regions ranked second and third followed by Tigray Region (for details See Fig 4).

**Summary Table III.3 Forecast of 2006/07(1999 E.C.) Area and Production of Cereals crops
for Private Peasant Holdings, Meher Season**

Region/ Killil	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06
Tigray	566228	585847	616666	8.91	5.26	5348822	7568135	8955077	67.42	18.33
Afar	10420	17358	14058	34.91	-19.01	150536	370346	370422	146.07	0.02
Amhara	2477598	2714489	2878368	16.18	6.04	30055062	36498651	44338548	47.52	21.48
Oromia	3649549	3835235	4062526	11.32	5.93	53974051	60285657	69162257	28.14	14.72
Somali	69900	65915	66909	-4.28	1.51	437931	376439	452921	3.42	20.32
S.N.N.P	731172	708276	778108	6.42	9.86	8775198	8977393	10839122	23.52	20.74
Benshangul-Gumuz	113461	124182	130677	15.17	5.23	1,390,290	1770206	2042826	46.94	15.40
Gambella	8397	8840	8840			159594	168018	168018		
Harari	6064	6462	6546	7.94	1.30	36874	61896	83646	126.84	35.14
Addis Ababa	19816	7375	6619	-66.60	-10.24	91776	90699	73291	-20.14	-19.19
Dire Dawa	7211	7423	7431	3.05	0.11	47729	75268	97422	104.12	29.43
Country Level	7,646,364	8081401	8576747	12.17	6.13	100,476,373	116242707	136583551	35.94	17.50

Fig 4. Regional Expected Yield(Qts/ha) of Major Cereal Crops For Private Peasant Holdings, 2006/07(1999 E.C.). Main Season.



Similarly, Oromia, Amhara, SNNPR, Tigray are the leading Regions in producing both pulses and oilseeds in the country. The total reported cropland area under pulses and oilseeds in these regions was 461,027; 524,170; 153,485 and 50,101 hectares of land, while cropland area under oilseed was 354,364; 266,734; 6,626 and 78,963, respectively.

3.3 Comparison of the 2006/07 (1999 E.C.) Pre-harvest with 2004/05(1997 E.C.) and 2005/06 (1998 E.C.), Post Harvest Crop Production Estimates.

In this section of the report an attempt has been made to compare the results of the 2006/07 (1999 E.C.) Crop Production Forecast Sample Survey with that of the 2004/05 and 2005/06 post harvest crop production estimates. Such comparisons are believed to give a bird's eye view on the prospect of the current 2006/07 (1999 E.C) Meher season harvest in terms of total crop area coverage and volume of expected production and thereby to evaluate its performance. Consequently, the results of such comparison will pave the way for concerned stakeholders to easily identify surplus and/or deficit producing regions and zones in order to take appropriate measures in advance. Therefore, brief discussions on the comparisons made at country and regional levels are presented as follows:

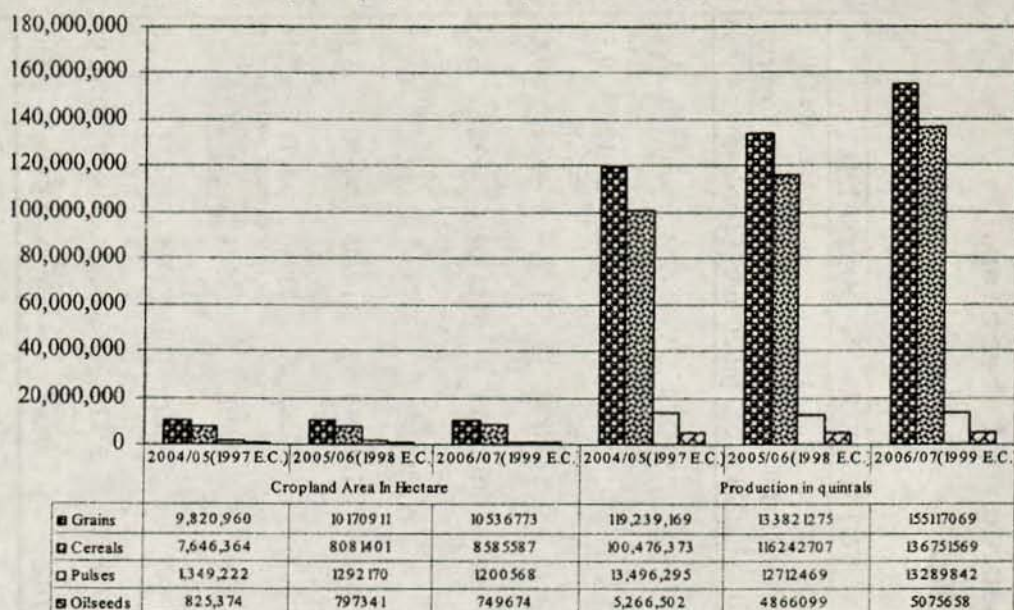
Due to the presence of adequate rain fall and favorable weather conditions in the current crop-growing season, the 2006/07 (1999 E.C.) expected volume of crop production is anticipated to be better than the previous years 2004/05 (1997 E.C) and 2005/06 (1998 E.C.) post harvest estimates. Therefore, the estimated total area under grain crops and the total volume of expected grain crop production of the year 2006/07 (1999 E.C.) Meher season have shown 7.29 % and 3.60 % increase in total land area covered by grains with 30.09% and 15.91% increase in total expected crop production as compared to the year 2004/05 and 2005/06 post harvest estimates, respectively (See statistical Table 1).

Similarly, the prospect of cereals in the current Meher season harvest is also promising. As indicated in Statistical Table 1, in 2006/07 both area and expected volume of production cereal crops have shown an increase of 12.28% and 6.24% in area coverage and an increase of 36.10% and 17.64% in total expected volume of cereal crop production as compared to the year 2004/05 and 2005/06 estimates, respectively.

**Summary Table III.4 Forecast of 2006/07(1999 E.C.) Area and Production of Pulses Crops
for Private Peasant Holdings, Meher Season**

Region/ Killil	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06
Tigray	52411	46338	50101	-4.41	8.12	483354	434531	557353	15.31	28.27
Afar	434	197	147	-66.13	-25.36	1431	760	685	-52.12	-9.87
Amhara	618201	585171	524170	-15.21	-10.42	6132113	5828794	5867779	-4.31	0.67
Oromia	495572	487975	461027	-6.97	-5.52	5333287	5010423	5353702	0.38	6.85
Somali	1926	1173	1212	-37.08	3.28	8163	1467	*	*	*
S.N.N.P	170831	161547	153485	-10.15	-4.99	1447619	1349346	1418795	-1.99	5.15
Benshangul-Gumuz	7233	6596	7269	0.49	10.20	53031	50345	53940	1.71	7.14
Gambella	101	107	107			478	503	503		
Harari	13	8 *		*	*	*	109	*	*	*
Addis Ababa	3143	2709	2568	-18.29	-5.19	34398	33323	31636	-8.03	-5.06
Dire Dawa	359	350	316	-12.00	-9.73	2190	2867	3357	53.27	17.07
Country Level	1,349,222	1292170	1200462	-11.03	-7.10	13,496,295	12712469	13289339	-1.53	4.54

Fig. 5 Forecast of 2006/07(1999 E.C.) Cropland Area and Expected Production of Major Food Crops by Crop Category for Private peasant holdings, Main season



Consequently, all crops in the cereals category have shown a significant increase in terms of total land area coverage and volume of expected crop production with significant increase in the expected crop yield compared to the last two production years' estimates. For details see statistical Table 1.

Finally, users of this report should be aware that the information on what is called condition factors were collected in the month's of October 2006 (Tikimet 1999 E.C.). Therefore, the results should be used with great caution in light of the favorable or adverse conditions of weather and other factors, which may affect the crop after the crop production forecast survey data was collected. The effects of these subsequent changes in crop conditions are not reflected in this report.

Note: -

1. If in some tables figures do not add up to total it is due to rounding.
2. Those forecasts designated by "***" in all tables could not be reported because of high coefficient of variation (i.e. they are less reliable). However, they are consolidated in the total estimates.
3. In all tables "-" indicates not reported and "0.00" indicates the value is insignificant.

**Summary Table III.5 Forecast of 2006/07(1999 E.C.) Area and Production of Oilseeds Crops
for Private Peasant Holdings, Meher Season**

Region/ Killil	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06
Tigray	55,913	76166	78963	41.22	3.67	484,127	585313	592613	22.41	1.25
Afar	1,457	1534	489	-66.41	-68.09	*	5224	1001	*	-80.84
Amhara	278,454	271152	266734	-4.21	-1.63	1,436,295	1527268	1778168	23.80	16.43
Oromia	429,768	396913	354364	-17.55	-10.72	3,014,317	2431061	2311401	-23.32	-4.92
Somali	304	201	123	-59.38	-38.71	392	188	114	-70.87	-39.37
S.N.N.P	11,206	6869	6626	-40.87	-3.53	48,822	32300	28403	-41.82	-12.07
Benshangul-Gumuz	45,590	41098	39094	-14.25	-4.88	255,565	265251	339893	33.00	28.14
Gambella	897	944	944			2418	2546	2546		
Harari	1561	2338	2133	36.61	-8.79	8608	16150	17486	103.13	8.27
Addis Ababa	21	11 *	-	-	-	5	15 -	-	-	-
Dire Dawa	68	116	201	195.71	73.66	286	782	1487	419.91	90.11
Country Level	825,374	797341	749674	-9.17	-5.98	5,266,502	4866099	5073112	-3.67	4.25

National and Regional Statistical Tables

**Table .1. Forecast of 2006/07(1999E.C.) Area, Production and Yield of Major Crops
for Private Peasant Holdings in Ethiopia, Meher Season**

Ethiopia

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	9,820,960	10170911	10526882	7.19	3.50	119,239,169	133821275	154946001	29.95	15.79					
Cereals	7,646,364	8081401	8576747	12.17	6.13	100,476,373	116242707	136583551	35.94	17.50					
Teff	2,135,553	2246017	2364874	10.74	5.29	20,255,214	21755977	25567969	26.23	17.52	9.48	9.69	10.81	14.05	11.57
Barley	1,095,440	997868	996947	-8.99	-0.09	13,280,535	12706798	14096880	6.15	10.94	12.12	12.73	14.14	16.67	11.08
Wheat	1,398,215	1459540	1538339	10.02	5.40	21,766,030	22190754	27790579	27.68	25.23	15.57	15.2	18.07	16.03	18.85
Maize	1,398,758	1526125	1792714	28.16	17.47	24,067,206	33367952	40296304	67.43	20.76	17.21	21.87	22.47	30.57	2.75
Sorghum	1,256,509	1468070	1440108	14.61	-1.90	17,200,831	21735987	23130408	34.47	6.42	13.69	14.81	16.05	17.27	8.40
Finger Millet	312,988	333029	390977	24.92	17.40	3,328,663	3970017	5001714	50.26	25.99	10.64	11.92	12.79	20.23	7.32
Oats/'Aja'	45,131	44401	46738	3.56	5.26	566,754	401634	579600	2.27	44.31	12.56	9.05	12.40	-1.27	37.03
Rice	*	6241	*	*	*	*	112443	*	*	*	*	18.02	*	*	*
Pulses	1,349,222	1292170	1200462	-11.03	-7.10	13,496,295	12712469	13289339	-1.53	4.54					
Faba Beans	463,174	456919	472719	2.06	3.46	5,519,838	5127970	5991282	8.54	16.84	11.92	11.22	12.67	6.33	12.96
Field Peas	254,365	233087	221950	-12.74	-4.78	2,283,354	1822676	2091196	-8.42	14.73	8.98	7.82	9.42	4.92	20.48
Haricot beans	245,703	163688	218041	-11.26	33.21	2,113,974	1384216	2151071	1.75	55.40	8.60	8.46	9.86	14.66	16.55
Chick-Peas	167,569	201010	105143	-37.25	-47.69	1,615,951	2105851	1252527	-22.49	-40.52	9.64	10.48	11.91	23.57	13.67
Lentils	76,642	84895	82740	7.96	-2.54	545,550	576033	646418	18.49	12.22	7.12	6.79	7.81	9.73	15.06
Grass Peas	112,425	123464	51884	-53.85	-57.98	1,250,284	1459448	714375	-42.86	-51.05	11.12	11.82	13.77	-23.82	16.49
Soya Beans	2,606	3327	6320	142.57	89.99	8,335	38119	58122	*	*	3.20	11.46	9.20	187.39	-19.75
Fenugreek	16,325	11845	21099	29.24	78.13	115,803	74839	172506	48.96	130.50	7.09	6.32	8.18	15.32	29.37
Gibto	10,413	13936	20566	97.49	47.58	43,205	123318	211841	390.31	71.78	4.15	8.85	10.30	148.21	16.39
Oilseeds	825,374	797341	749674	-9.17	-5.98	5,266,502	4866099	5073112	-3.67	4.25					
Neug	358,830	306877	281665	-21.50	-8.22	1,872,135	1471286	1524210	-18.58	3.60	5.22	4.79	5.41	3.67	12.97
Linseed	250,702	215107	185253	-26.11	-13.88	1,518,640	1259072	1279981	-15.72	1.66	6.06	5.85	6.91	14.02	18.11
Groundnut	27,160	35468	28114	3.51	-20.73	291,283	341501	345289	18.54	1.11	10.72	9.65	12.28	14.51	27.20
Sufflower	9,717	8867	8696	-10.50	-1.93	70,392	59572	66488	-5.55	11.61	7.24	6.72	7.64	5.58	13.75
Sesame	137,084	205153	219681	60.25	7.08	1,155,675	1488610	1598810	38.34	7.40	8.43	7.26	7.26	-13.91	-0.03
Rapeseed	41,881	25001	26265	-37.29	5.06	358,378	243512	258333	-27.92	6.09	8.56	9.74	9.84	14.90	0.98

**Table .1. Interval Estimates for 2006/07 (1999 E.C.) Area and Production of Major Crops Forecast
for private Peasant Holdings in Ethiopia, Meher Season**

Ethiopia							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	1.76	10,153,378	10,880,606	2.19	148,143,976	161,405,892	
Cereals	1.82	8,262,077	8,873,736	2.28	130,323,735	142,507,330	
Teff	2.96	2,227,576	2,502,173	3.59	23,766,435	27,369,504	
Barley	5.23	894,692	1,099,194	6.73	12,236,724	15,957,005	
Wheat	5.60	1,369,539	1,707,139	6.22	24,402,774	31,178,384	
Maize	2.80	1,688,881	1,884,862	3.49	37,420,108	42,921,332	
Sorghum	3.79	1,330,459	1,543,980	5.05	20,804,287	25,373,953	
Finger Millet	6.52	340,930	440,910	7.50	4,265,806	5,736,371	
Oats/'Aja'	17.33	30,859	62,616	20.27	349,338	809,862	
Rice	*	*	*	*	*	*	
Pulses	3.16	1,126,027	1,274,683	3.71	12,322,496	14,255,175	
Faba Beans	4.45	431,462	513,976	5.19	5,381,294	6,601,271	
Field Peas	5.70	197,154	246,746	6.57	1,822,064	2,360,328	
Haricot beans	6.49	190,192	245,677	7.43	1,837,209	2,463,927	
Chick-Peas	11.92	80,588	129,699	14.74	890,671	1,614,384	
Lentils	9.04	68,086	97,394	12.14	492,643	800,193	
Grass Peas	11.44	40,248	63,520	12.58	538,202	890,548	
Soya Beans	17.59	4,141	8,499	24.26	30,484	85,759	
Fenugreek	24.15	11,114	31,084	29.86	71,556	273,457	
Gibto	19.32	12,780	28,352	22.49	118,478	305,204	
Oilseeds	5.11	673,747	823,714	6.53	4,421,203	5,719,928	
Neug	6.73	244,523	318,804	7.89	1,288,458	1,759,962	
Linseed	9.57	150,519	219,987	12.29	971,750	1,588,212	
Groundnut	19.53	17,307	38,769	21.44	199,755	489,321	
Sufflower	19.74	5,331	12,058	23.61	35,726	97,250	
Sesame	12.44	165,474	272,160	15.80	1,102,418	2,091,617	
Rapeseed	10.97	20,615	31,913	13.02	192,410	324,252	

Table 2. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops		TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
2004/05	2005/06				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains		674,551	708350	745730	10.55	5.28	6,316,303	8587980	10105043	59.98	17.66					
Cereals		566,228	585847	616666	8.91	5.26	5,348,822	7568135	8955077	67.42	18.33					
Teff		137,360	138346	137837	0.35	-0.37	881,765	1244213	1481026	67.96	19.03	6.42	8.99	10.74	67.29	19.47
Barley		95,453	79108	86536	-9.34	9.39	777,795	877473	1121659	44.21	27.83	8.15	11.09	12.96	59.02	16.86
Wheat		87,785	76776	91300	4.00	18.92	859,005	1006985	1437658	67.36	42.77	9.79	13.12	15.75	60.88	20.05
Maize		47,200	46192	51059	8.18	10.54	539,183	803329	925724	71.69	15.24	11.42	17.39	18.13	58.76	4.26
Sorghum		142,038	184011	179590	26.44	-2.40	1,838,667	2934833	3083045	67.68	5.05	12.94	15.95	17.17	32.69	7.65
Finger Millet		55,595	60737	69266	24.59	14.04	451,476	695630	897177	98.72	28.97	8.12	11.45	12.95	59.48	13.10
Oats/Aja'		*	678	*	*	*	*	5673	*	*	*	*	8.37	*	*	*
Rice		*	*	-	*	*	-	*	-	-	-	*	*	-	-	-
Pulses		52,411	46338	50101	-4.41	8.12	483,354	434531	557353	15.31	28.27					
Faba Beans		18,727	14616	14568	-22.21	-0.32	235,751	173611	183730	-22.07	5.83	12.59	11.88	12.61	0.16	6.14
Field Pease		7,782	5240	6554	-15.78	25.08	77,245	49484	72619	-5.99	46.75	9.93	9.44	11.08	11.58	17.37
Haricot beans		2,643	3308	2906	9.96	-12.16	11,750	15077	24911	*	*	4.45	4.56	8.57	*	*
Chick-Peas		10,498	11702	10655	1.49	-8.95	77,701	96648	105202	35.39	8.85	7.40	8.26	9.87	33.38	19.49
Lentils		5,979	4060	6349	6.18	56.37	40,122	29291	47548	18.51	62.33	6.71	7.21	7.49	11.62	3.88
Grass Peas		6,062	6975	8406	38.68	20.52	38,109	68497	118979	212.21	73.70	6.29	9.82	14.15	124.96	44.09
Soya Beans		75	21	*	*	*	-	201	-	-	-	-	9.4	-	*	*
Fenugreek		626	416	637	1.81	53.33	2,676	1723	4365	63.11	153.39	4.27	4.14	6.85	60.42	65.46
Gibto		*	*	-	-	-	-	*	-	-	-	*	*	-	-	-
Oilseeds		55,913	76166	78963	41.22	3.67	484,127	585313	592613	22.41	1.25					
Neug		9,266	6491	5573	-39.86	-14.15	65,558	44568	42820	-34.68	-3.92	7.08	6.87	7.68	8.47	11.79
Linseed		9,759	9190	11414	16.96	24.21	43,017	47650	68546	59.35	43.85	4.41	5.19	6.01	36.28	15.80
Groundnut		38	16	*	*	*	-	110	*	-	-	-	6.87	*	-	-
Sufflower		*	307	*	*	*	*	832	*	-	-	*	2.71	*	*	*
Sesame		36,773	60148	61749	67.92	2.66	375,457	492154	480875	28.08	-2.29	10.21	8.18	7.79	-23.70	-4.77
Rapeseed		29	14	*	*	*	*	*	-	-	-	*	*	-	-	-

Table 2. Interval Estimates for 2006/07(1999E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Tigray Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	5.43	666,340	825,120	6.54	8,809,665	11,400,420	
Cereals	5.57	549,354	683,978	6.73	7,774,533	10,135,620	
Teff	9.16	113,104	162,571	11.41	1,149,808	1,812,244	
Barley	10.88	68,080	104,993	12.48	847,264	1,396,054	
Wheat	10.23	73,002	109,598	10.83	1,132,474	1,742,842	
Maize	8.11	42,941	59,177	11.02	725,695	1,125,753	
Sorghum	10.14	143,899	215,281	11.18	2,407,550	3,758,541	
Finger Millet	11.14	54,144	84,389	12.18	682,918	1,111,435	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	10.13	40,158	60,044	13.90	405,540	709,167	
Faba Beans	13.98	10,575	18,562	16.97	122,613	244,847	
Field Peas	19.76	4,015	9,093	23.59	39,045	106,193	
Haricot beans	35.00	912	4,899	32.51	9,038	40,783	
Chick-Peas	28.64	4,675	16,635	31.86	39,502	170,902	
Lentils	21.28	3,701	8,997	21.44	27,568	67,529	
Grass Peas	21.37	4,886	11,927	25.88	58,626	179,332	
Soya Beans	*	*	*	*	*	*	
Fenugreek	33.21	222	1,052	45.72	454	8,276	
Gibto	*	*	*	*	*	*	
Oilseeds	14.09	57,157	100,769	12.77	444,271	740,954	
Neug	27.00	2,623	8,522	27.90	19,402	66,237	
Linseed	18.40	7,299	15,530	20.09	41,558	95,534	
Groundnut	99.92	-16	49	99.92	-119	367	
Sufflower	67.20	-48	354	98.93	-234	731	
Sesame	17.77	40,237	83,261	15.24	337,267	624,482	
Rapeseed	*	*	*	*	*	*	

Table 2.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North-Western Tigray Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	** Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	151,487	167,244	184,248	21.63	10.17	1,512,456	2,084,632	2,630,013	73.89	26.16					
Cereals	131,047	142,961	159,989	22.08	11.91	1,379,842	1,904,113	2,439,252	76.78	28.10					
Teff	27,309	31,963	31,715	16.13	-0.77	200,440	294,255	328,470	63.87	11.63	7.34	9.21	10.36	41.14	12.49
Barley	500	588	*	*	*	1,863	5,000	*	*	*	3.73	8.51	*	*	*
Wheat	*	14	*	*	*	*	157	-	*	*	*	10.86	-	*	*
Maize	21,084	17,064	22,474	6.59	31.71	296,878	320,067	470,243	58.40	46.92	14.08	18.76	20.92	48.58	11.51
Sorghum	48,510	58,735	63,173	30.23	7.55	621,019	895,585	1,078,079	73.60	20.38	12.80	15.25	17.07	33.36	11.93
Finger Millet	33,574	34,579	42,127	25.48	21.83	259,319	389,049	558,209	115.26	43.48	7.72	11.25	13.25	71.63	17.78
Oats/Aja'	*	18	-	*	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	7,034	6,424	7,719	9.74	20.16	39,581	55,021	70,077	77.05	27.36					
Faba Beans	1,943	1,373	2,450	26.10	78.46	13,842	14,436	25,808	*	78.78	7.13	10.52	10.54	*	0.19
Field Pease	*	620	*	*	*	*	5,075	*	*	*	*	8.06	*	*	*
Haricot beans	*	562	*	*	*	*	2,896	*	*	*	*	5.15	*	*	*
Chick-Peas	3,240	3,730	3,218	-0.67	-13.73	18,048	32,018	29,256	62.10	*	5.57	8.58	9.09	63.20	5.94
Lentils	*	23	*	*	*	-	59	*	-	-	-	2.59	*	-	-
Grass Peas	*	28	*	*	*	-	337	*	-	-	-	12	*	-	-
Soya Beans	-	21	-	-	-	-	201	-	-	-	-	9.4	-	-	-
Fenugreek	*	57	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oilseeds	13,406	17,860	16,540	23.38	-7.39	93,032	1,254,98	1,206,84	29.72	-3.84					
Neug	4,201	3,002	3,224	-23.26	7.38	32,081	20,844	22,987	-28.35	10.28	7.64	6.94	7.13	-6.68	2.74
Linseed	1,296	1,053	1,239	-4.41	17.66	6,298	5,137	6,043	*	17.64	4.86	4.88	4.88	*	0.00
Groundnut	*	8	*	*	*	-	58	*	-	*	-	7	*	-	-
Sufflower	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	7,889	13,787	12,016	52.31	-12.85	54,653	99,459	91,531	67.48	-7.97	6.93	7.21	7.62	9.96	5.69
Rapeseed	*	9	*	*	-	-	*	-	-	-	-	*	-	-	-

** Subject to revision

Table 2.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Central Tigray Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	162,263	154124	147336	-9.20	-4.40	1,365,349	1794755	1696153	24.23	-5.49					
Cereals	143,955	141193	135388	-5.95	-4.11	1,183,822	1678349	1589499	34.27	-5.29					
Teff	44,763	47225	41302	-7.73	-12.54	303,461	410928	375313	23.68	-8.67	6.78	8.7	9.09	34.07	4.48
Barley	20,893	12527	9824	-52.98	-21.58	207,514	127043	102687	-50.52	-19.17	9.93	10.14	10.45	5.24	3.06
Wheat	18,023	10968	11946	-33.72	8.92	213,105	131733	157543	-26.07	19.59	11.82	12.01	13.19	11.59	9.83
Maize	14,647	14940	12477	-14.81	-16.48	134,202	252288	189838	41.46	-24.75	9.16	16.89	15.21	66.05	-9.95
Sorghum	32,977	43062	46815	41.96	8.72	255,827	641579	646369	152.66	0.75	7.76	14.9	13.81	77.96	-7.32
Finger Millet	12,648	12472	13024	2.97	4.42	69,713	114778	117748	68.90	2.59	5.51	9.2	9.04	64.07	-1.74
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	13,364	10000	9109	-31.84	-8.91	147,921	97900	88804	-39.97	-9.29					
Faba Beans	7,991	5138	4494	-43.76	-12.53	105,737	58436	49617	-53.08	-15.09	13.23	11.37	11.04	-16.55	-2.90
Field Peas	1,209	556	485	-59.92	-12.87	14,245	5230	2908	-79.59	-44.39	11.78	9.4	6	-49.07	-36.17
Haricot beans	567	810	972	*	19.94	3,117	2848	8864	*	*	5.50	3.52	9.12	*	*
Chick-Peas	1,060	808	465	*	*	7,241	7627	3232	*	*	6.83	9.44	6.96	*	*
Lentils	1,592	896	1699	6.71	89.54	10,557	8298	14621	38.49	76.19	6.63	9.26	8.61	29.86	-7.02
Grass Peas	*	1592	643	*	*	*	14221	*	*	*	*	8.93	*	*	*
Soya Beans	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	175	200	*	-	*	1,470	1240	*	*	*	8.42	6.2	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	4,944	2930	2839	-42.58	-3.11	33,607	18506	17850	-46.89	-3.55					
Neug	1,316	375	371	-71.83	-1.18	*	1920	2653	*	*	*	5.12	7.15	*	*
Linseed	2,715	1537	1401	-48.39	-8.85	19,705	8223	8079	-59.00	-1.76	7.26	5.35	5.77	-26.31	7.85
Groundnut	*	4	-	*	*	-	30	-	-	-	-	7.39	-	-	-
Sufflower	*	2	*	*	*	-	*	-	*	*	-	*	-	*	*
Sesame	898	1009	1058	*	4.89	8,889	8333	*	*	*	9.90	8.26	*	*	*
Rapeseed	*	3	*	*	*	-	*	-	*	*	-	*	-	*	*

** Subject to revision

Table 2.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Eastern Tigray Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	65,732	68357	81667	24.24	19.47	558,399	779931	1060356	89.89	35.96					
Cereals	58,146	59264	70589	21.40	19.11	496,362	707199	961051	93.62	35.90					
Teff	7,794	9130	11187	43.53	22.52	58,982	72191	111448	88.95	54.38	7.57	7.91	9.96	31.57	25.92
Barley	25,691	19683	23460	-8.68	19.19	223,088	237315	321814	44.25	35.61	8.68	12.06	13.72	58.06	13.76
Wheat	18,329	16855	20063	9.46	19.03	172,892	202348	311556	80.20	53.97	9.43	12.01	15.53	64.69	29.31
Maize	3,069	5524	5807	89.23	5.12	25,440	89033	77112	203.11	-13.39	8.29	16.12	13.28	60.19	-17.62
Sorghum	1,218	4627	6170	*	33.34	7,668	68128	93352	*	37.02	6.30	14.72	15.13	140.16	2.79
Finger Millet	1,699	3156	3506	106.35	11.09	8,292	36076	43289	422.05	19.99	4.88	11.43	12.35	153.07	8.05
Oats/Aja'	*	288	*	*	*	-	2109	*	*	*	-	7.33	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	6,272	7200	9054	44.35	25.74	58,071	64351	86693	49.29	34.72					
Faba Beans	1,504	1533	1919	27.58	25.17	24,698	17991	18505	-25.07	2.86	16.42	11.74	9.64	-41.29	-17.89
Field Peas	1,274	897	1465	14.97	63.23	13,392	8648	12451	-7.03	43.97	10.51	9.64	8.5	-19.12	-11.83
Haricot beans	*	4	*	*	*	-	*	-	*	*	-	*	-	*	*
Chick-Peas	922	1189	*	*	*	*	8687	*	*	*	*	7.3	*	*	*
Lentils	480	453	*	*	*	6,471	2769	*	*	*	13.48	6.12	*	*	*
Grass Peas	1,934	3100	3974	105.49	28.22	9,466	26182	43290	357.32	65.34	4.89	8.45	10.89	*	*
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	41	24	*	*	*	66	73	*	*	*	1.60	3.01	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	1,314	1893	2024	54.07	6.95	3,966	8381	12613	218.02	50.49					
Neug	*	27	-	*	*	-	43	-	*	*	-	1.64	-	-	-
Linseed	1,272	1845	1945	52.89	5.40	3,966	8305	12613	218.02	51.86	3.12	4.5	6.49	108.01	44.22
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sunflower	*	20	*	*	*	-	33	-	-	-	-	1.67	-	-	-
Sesame	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	-	2	*	-	-	-	*	-	*	*	-	*	-	*	*

** Subject to revision

Table 2.4 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Southern Tigray Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Grains Total	219,289	209179	233254	6.37	11.51	1,944,877	2643007	3491684	79.53	32.11					
Cereals	191,092	183230	203720	6.61	11.18	1,719,911	2415860	3160176	83.74	30.81					
Teff	52,679	40211	48230	-8.44	19.94	249,251	363349	599421	140.49	64.97	4.73	9.04	12.43	162.79	37.50
Barley	47,840	45200	52140	8.99	15.35	338,936	494198	684086	101.83	38.42	7.08	10.93	13.12	85.31	20.04
Wheat	51,020	47741	57857	13.40	21.19	472,685	649578	937586	98.35	44.34	9.26	13.61	16.21	75.05	19.10
Maize	5,271	5731	6947	31.80	21.22	37,442	99090	128763	243.90	29.94	7.10	17.29	18.53	160.99	7.17
Sorghum	33,602	41933	35359	5.23	-15.68	620,665	783722	775566	24.96	-1.04	18.47	18.69	21.93	18.73	17.34
Finger Millet	236	2042	2505	961.56	22.68	-	22360	28447	*	*	-	10.95	11.35	*	*
Oats/'Aja'	*	372	*	*	*	*	3564	*	*	*	*	9.59	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	23,837	20724	22708	-4.74	9.58	215,845	200337	291869	35.22	45.69					
Faba Beans	6,054	5700	4635	-23.44	-18.68	76,096	71830	75302	-1.04	4.83	12.57	12.6	16.25	29.28	28.97
Field Peas	4,255	2988	3549	-16.59	18.80	44,883	29015	51194	14.06	76.44	10.55	9.71	14.42	36.68	48.51
Haricot beans	*	1890	*	*	*	*	8822	*	*	*	*	4.67	*	*	*
Chick-Peas	4,781	5083	5790	*	*	42,179	44443	62671	*	*	8.82	8.74	10.82	*	*
Lentils	3,813	2674	4050	6.23	51.50	23,095	18061	28780	24.61	59.35	6.06	6.76	7.11	17.33	5.18
Grass Peas	3,138	2255	3346	6.64	48.37	23,090	27757	62750	171.76	126.07	7.36	12.31	18.75	154.76	52.32
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	134	205	*	*	1,139	409	1265	*	*	*	3.05	6.18	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	4,360	5225	6827	56.58	30.65	9,121	26809	39639	334.59	47.86					
Neug	*	123	*	*	*	-	1992	*	*	*	-	16.22	*	*	*
Linseed	4,024	4373	6550	62.78	49.79	9,040	22441	39003	331.45	73.80	2.25	5.13	5.95	164.44	15.98
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	*	286	*	*	*	*	799	*	-	-	*	2.8	*	*	*
Sesame	*	443	*	*	*	-	1578	*	*	*	-	3.56	*	*	*
Rapeseed	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-

Table 2.5 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Western Tigray Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	75,781	109,446	99,224	30.93	-9.34	935,222	1,285,654	1,226,837	31.18	-4.57					
Cereals	41,989	59,198	46,980	11.89	-20.64	568,885	862,613	805,100	41.52	-6.67					
Teff	4,814	9,817	5,403	12.25	-44.96	69,630	1,034,900	663,733	-4.68	-35.87	14.46	10.54	12.28	-15.08	16.51
Barley	*	1,109	647	*	-41.66	*	13,917	8,821	*	-36.62	*	12.54	13.63	*	8.69
Wheat	347	1,197	1,399	303.15	16.87	-	23,169	30,973	*	33.69	-	19.36	22.14	*	14.36
Maize	3,128	2,933	3,353	7.19	14.31	45,220	42,850	59,768	32.17	39.48	14.45	14.61	17.83	23.39	22.04
Sorghum	25,731	35,654	28,073	9.10	-21.26	333,488	545,819	489,680	46.84	-10.29	12.96	15.31	17.44	34.57	13.91
Finger Millet	7,439	8,488	8,104	8.94	-4.52	114,152	133,368	149,484	30.95	12.08	15.34	15.71	18.44	20.21	17.38
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	1,903	1,989	1,511	-20.57	-24.03	21,936	16,923	19,911	-9.23	17.66					
Faba Beans	1,235	872	1,071	-13.30	22.77	15,377	10,918	14,499	-5.71	32.80	12.45	12.52	13.54	8.76	8.15
Field Pease	118	169	139	*	-17.60	-	1,517	1,416	*	-6.62	-	8.97	10.17	*	*
Haricot beans	45	42	93	*	120.02	303	511	2,249	642.34	339.79	6.80	12.12	24.22	*	99.83
Chick-Peas	*	891	*	*	*	*	3,872	*	*	*	*	4.35	*	*	*
Lentils	*	15	2	*	*	-	104	7	-	-93.17	-	6.86	4.51	-	-
Grass Peas	-	*	5	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	31,889	48,258	50,732	59.09	5.13	344,401	406,118	401,826	16.67	-1.06					
Neug	3,616	2,964	1,943	-46.27	-34.46	28,464	19,768	17,150	-39.75	-13.24	7.87	6.67	8.83	12.20	32.38
Linseed	452	381	279	-38.24	-26.79	4,008	3,544	2,809	-29.93	-20.75	8.87	9.29	10.06	13.42	8.29
Groundnut	-	4	-	-	-	-	22	-	-	-	-	6	-	-	-
Sufflower	*	*	-	*	*	*	*	-	-	-	*	*	-	-	-
Sesame	27,813	44,909	48,506	74.40	8.01	311,916	382,784	381,867	22.43	22.72	11.21	8.52	7.87	-29.79	-7.63
Rapeseed	*	*	*	-	-	-	*	-	-	-	-	*	-	-	-

Table 3. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
	Afar Region														
Total Grains	12,311	19088	14694	19.36	-23.02	167,503	376330	372108	122.15	-1.12					
Cereals	10,420	17358	14058	34.91	-19.01	150,536	370346	370422	146.07	0.02					
Teff	1,729	1784	2834	63.93	58.84	8,194	8177	14825	80.93	81.31	4.74	4.58	5.23	10.34	14.19
Barley	59	502	*	*	*	203	227	*	*	*	3.43	0.45	*	*	*
Wheat	*	30	*	*	*	*	145	*	*	*	*	4.91	*	*	*
Maize	6,863	12776	9417	37.21	-26.29	131,311	547278	348408	165.33	0.33	19.13	27.18	37	93.41	36.13
Sorghum	1,725	2265	1241	-28.05	-45.21	10,779	14519	6156	-42.89	-57.60	6.25	6.41	4.96	-20.64	-22.62
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	434	197	147	-66.13	-25.36	1,431	760	685	-52.12	-9.87					
Faba Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Field Pease	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Haricot beans	339	111	107	-68.45	-3.21	980	473	522	-46.70	10.49	2.90	4.28	4.88	68.28	14.02
Chick-Peas	92	84	*	*	*	450	287	*	*	*	4.91	3.44	*	*	*
Lentils	*	3	*	*	*	-	*	-	*	*	-	*	-	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	1,457	1534	489	*	*	*	5224	1001	*	*					
Neug	5	2	*	*	*	*	*	-	-	-	*	*	-	*	*
Linseed	*	2	*	*	*	-	*	-	*	*	-	*	-	*	*
Groundnut	-	1	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	127	141	74	*	*	*	836	483	-	-	*	5.94	6.51	*	*
Sesame	1,324	1388	*	*	*	*	4388	518	*	*	*	3.16	*	*	*
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table .3. Interval Estimates for 2006/07(1999E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Afar Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	17.25	9,726	19,662	35.26	114,920	629,297	
Cereals	17.52	9,231	18,885	35.42	113,277	627,568	
Teff	36.49	807	4,861	36.46	4,230	25,421	
Barley	*	*	*	*	*	*	
Wheat	*	*	*	*	*	*	
Maize	20.04	5,719	13,115	37.58	91,787	605,029	
Sorghum	30.83	491	1,991	31.55	2,349	9,962	
Finger Millet	*	*	*	*	*	*	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	35.20	46	248	34.85	217	1,153	
Faba Beans	*	*	*	*	*	*	
Field Peas	*	*	*	*	*	*	
Haricot beans	40.30	22	191	34.77	166	878	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	*	*	*	
Grass Peas	*	*	*	*	*	*	
Soya Beans	*	*	*	*	*	*	
Fenugreek	*	*	*	*	*	*	
Gibto	*	*	*	*	*	*	
Oilseeds	56.81	-56	1,034	33.29	348	1,654	
Neug	*	*	*	*	*	*	
Linseed	*	*	*	*	*	*	
Groundnut	*	*	*	*	*	*	
Sufflower	46.76	6	142	46.82	40	926	
Sesame	*	*	*	*	*	*	
Rapeseed	*	*	*	*	*	*	

Table 3.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Zone 1

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	7,116	13487	9377	31.77	-30.47	140,324	340271	341053	143.05	0.23					
Cereals	6,160	12531	9077	47.36	-27.56	127,379	337885	341053	167.75	0.94					
Teff	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Barley	*	470	*	*	*	-	*	-	-	-	-	*	-	-	
Wheat	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Maize	6,144	11985	8620	40.30	-28.08	127,379	336347	341053	167.75	1.40	20.73	28.06	39.56	90.83 29.07	
Sorghum	*	75	*	*	*	-	1538	-	*	*	-	20.4	-	*	
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Pulses	*	*	-	*	*	-	*	-	-	-	-	*	-	-	
Faba Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Field Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Haricot beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Oilseeds	*	956	*	*	*	*	2386	-	*	*	-	*	-	-	
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Linseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Groundnut	-	1	-	-	-	-	*	-	-	-	-	*	-	-	
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	
Sesame	*	954	*	*	*	*	2386	-	*	*	*	2.5	-	*	
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	

Table 3.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Zone 3

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	5,195	5602	5317	2.35	-5.08	27,179	36059	31055	14.26	-13.88					
Cereals	4,260	4827	4980	16.91	3.19	23,157	32461	29369	26.83	-9.52					
Teff	1,729	1784	2834	63.93	58.84	8,194	8177	14825	80.93	81.31	4.74	4.58	5.23	10.34	12.43
Barley	48	32	*	*	*	203	227	*	*	*	4.22	7.2	*	*	*
Wheat	*	30	*	*	*	*	145	*	*	*	*	4.91	*	*	*
Maize	719	791	797	10.81	0.70	3,932	10930	7355	87.06	-32.71	5.47	13.81	9.23	68.74	-33.16
Sorghum	1,719	2190	1210	-29.61	-44.75	10,779	12981	6156	-42.89	-52.58	6.27	5.93	5.09	-18.82	-16.50
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	434	197	147	-66.13	-25.36	1,431	760	685	-52.12	-9.87					
Faba Beans	-	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Field Pease	-	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Haricot beans	339	111	107	-68.45	-3.21	980	473	522	-46.70	10.49	2.90	4.28	4.88	68.28	12.30
Chick-Peas	92	84	*	*	*	450	287	*	*	*	4.91	3.44	*	*	*
Lentils	*	3	*	*	*	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	501	578	190	-62.10	-67.15	2,591	2838	1001	-61.37	-64.74					
Neug	5	2	*	*	*	*	*	-	-	-	*	*	-	*	*
Linseed	*	2	*	*	*	-	*	-	*	*	-	*	-	*	*
Groundnut	-	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	127	141	74	*	*	*	836	483	-	-	*	5.94	6.51	-	-
Sesame	368	433	108	-70.76	-75.17	1,825	2003	518	*	-74.13	4.96	4.62	4.81	*	3.95
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table 4. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Amhara Region

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	3374253	3570812	3669273	8.74	2.76	37,623,470	43854714	51984495	38.17	18.54					
Cereals	2477598	2714489	2878368	16.18	6.04	30,055,062	36498651	44338548	47.52	21.48					
Teff	852307	907057	948030	11.23	4.52	8,136,514	8658240	10460134	28.56	20.81	9.55	9.55	11.03	15.50	15.50
Barley	375912	318420	343661	-8.58	7.93	3,989,652	3964682	4786492	19.97	20.73	10.61	12.45	13.93	31.29	11.89
Wheat	392722	431486	436457	11.14	1.15	5,693,971	6074888	7609225	33.64	25.26	14.50	14.08	17.43	20.21	23.79
Maize	285242	341084	412727	44.69	21.00	4,971,816	7256802	9832725	97.77	35.50	17.43	21.28	23.82	36.66	11.94
Sorghum	411949	537624	521202	26.52	-3.05	5,665,532	8515402	8935677	57.72	4.94	13.75	15.84	17.14	24.65	8.21
Finger Millet	148002	164649	204637	38.27	24.29	1,494,440	1846795	2542191	70.11	37.65	10.10	11.22	12.42	22.97	10.70
Oats/'Aja'	8496	8301	6852	*	*	103,136	74017	68404	*	*	12.14	8.92	9.98	*	*
Rice	*	5868	*	*	*	-	107825	*	*	*	-	18.38	*	*	*
Pulses	618201	585171	524170	-15.21	-10.42	6,132,113	5828794	5867779	-4.31	0.67					
Faba Beans	223218	210055	228305	2.28	8.69	2,709,289	2387016	2981793	10.06	24.92	12.14	11.36	13.06	7.58	14.96
Field Pease	114509	85905	87866	-23.27	2.28	969,259	690690	858668	-11.41	24.32	8.46	8.04	9.77	15.48	21.52
Haricot beans	47389	25308	51525	8.73	103.60	307,568	175233	436855	42.04	149.30	6.49	6.92	8.48	30.66	22.54
Chick-Peas	101699	122967	61425	-39.60	-50.05	987,954	1271272	716723	-27.45	-43.62	9.71	10.34	11.67	20.19	12.86
Lentils	51632	50799	46251	-10.42	-8.95	369,483	332465	349942	-5.29	5.26	7.16	6.54	7.57	5.73	15.75
Grass Peas	62400	69288	20848	-66.59	-69.91	693,207	801510	266539	-61.55	-66.75	11.11	11.57	12.78	15.03	10.46
Soya Beans	*	131	*	*	*	*	330	-	-	-	*	2.52	-	*	*
Fenugreek	6943	6785	7135	2.77	5.16	51,826	46964	45701	-11.82	-2.69	7.46	6.92	6.4	-14.21	-7.51
Gibto	10253	13935	20360	98.58	46.11	43,018	123315	211558	391.79	71.56	4.20	8.85	10.39	147.38	17.40
Oilseeds	278454	271152	266734	-4.21	-1.63	1,436,295	1527268	1778168	23.80	16.43					
Neug	165125	139552	128772	-22.02	-7.72	727,690	604629	581996	-20.02	-3.74	4.41	4.33	4.52	2.49	4.39
Linseed	43749	45310	39988	-8.60	-11.75	139,222	193651	192837	38.51	-0.42	3.18	4.27	4.82	51.57	12.88
Groundnut	*	1076	*	*	*	*	13545	*	*	*	*	12.59	*	*	*
Sufflower	7515	6053	6945	-7.58	14.75	62,963	45392	62305	-1.05	37.26	8.38	7.5	8.97	7.04	19.60
Sesame	36728	62279	74073	101.68	18.94	285,346	489698	749760	162.75	53.11	7.77	7.86	10.12	30.24	28.75
Rapeseed	24101	16883	16072	-33.31	-4.80	209,178	180352	179628	-14.13	-0.40	8.68	10.68	11.18	28.80	4.68

Table .4. Interval Estimates for 2006/07(1999E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Amhara Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	2.89	3,461,499	3,877,047	3.69	48,221,662	55,747,328	
Cereals	2.93	2,713,162	3,043,575	3.86	40,985,553	47,691,543	
Teff	4.67	861,179	1,034,881	5.28	9,378,140	11,542,129	
Barley	8.13	288,900	398,421	11.16	3,739,494	5,833,490	
Wheat	7.83	369,503	503,410	10.82	5,995,278	9,223,173	
Maize	4.98	372,432	453,022	6.94	8,495,563	11,169,886	
Sorghum	7.65	443,043	599,361	10.45	7,105,991	10,765,364	
Finger Millet	10.83	161,186	248,087	12.40	1,924,248	3,160,135	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	5.44	468,232	580,108	6.34	5,138,704	6,596,854	
Faba Beans	7.03	196,834	259,777	8.26	2,498,919	3,464,666	
Field Peas	9.35	71,756	103,976	11.01	673,301	1,044,034	
Haricot beans	17.84	33,505	69,546	17.73	285,059	588,651	
Chick-Peas	16.62	41,415	81,435	21.24	418,400	1,015,047	
Lentils	11.53	35,801	56,701	13.94	254,316	445,569	
Grass Peas	19.77	12,771	28,926	22.37	149,676	383,403	
Soya Beans	*	*	*	*	*	*	
Fenugreek	23.84	3,801	10,470	25.96	22,448	68,955	
Gibto	19.50	12,579	28,142	22.52	118,196	304,920	
Oilseeds	9.09	219,233	314,236	13.99	1,290,741	2,265,596	
Neug	11.26	100,351	157,192	12.00	445,064	718,929	
Linseed	10.69	31,611	48,364	12.98	143,795	241,880	
Groundnut	69.60	-322	2,091	96.39	-10,353	33,635	
Sufflower	23.16	3,793	10,098	25.08	31,680	92,930	
Sesame	25.98	36,361	111,785	31.56	286,019	1,213,502	
Rapeseed	13.33	11,874	20,271	14.34	129,149	230,108	

Table 4.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North Gonder Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	560435	620636	621273	10.86	0.10	6,888,517	7486564	8678742	25.99	15.92					
Cereals	407819	444543	473975	16.22	6.62	5,517,545	5987470	7291897	32.16	21.79					
Teff	103592	125348	113305	9.38	-9.61	1,031,794	1074416	1004481	-2.65	-6.51	9.96	8.57	8.87	-10.94	3.50
Barley	50124	43282	58855	17.42	35.98	529,226	542574	833480	57.49	53.62	10.56	12.54	14.16	34.09	12.92
Wheat	27127	31658	31954	17.79	0.93	350,515	418662	541606	54.52	29.37	12.92	13.22	16.95	31.19	28.21
Maize	40593	48215	50119	23.47	3.95	783,723	964984	1037536	32.39	7.52	19.31	20.01	20.7	7.20	3.45
Sorghum	157598	165569	180055	14.25	8.75	2,453,726	2572697	3282045	33.76	27.57	15.57	15.54	18.23	17.08	17.31
Finger Millet	25680	28401	38000	47.97	33.80	337,870	397582	578803	71.31	45.58	13.16	14	15.23	15.73	8.79
Oats/Aja'	*	1979	1688	*	*	*	15379	*	*	*	*	7.77	*	*	*
Rice	*	91	-	*	*	-	1176	-	*	*	-	12.97	-	*	*
Pulses	86890	98977	64789	-25.44	13.91	949,389	986875	657579	3.95	-33.37					
Faba Beans	31411	29967	30895	-1.64	3.09	384,261	338117	305798	-20.42	-9.56	12.23	11.28	9.9	-19.05	-12.23
Field Pease	12358	11444	9858	-20.23	-13.86	110,699	78037	68883	-37.77	-11.73	8.96	6.82	6.99	-21.99	2.49
Haricot beans	*	2769	*	*	*	*	10294	*	*	*	*	3.72	*	*	*
Chick-Peas	28472	42950	*	*	*	342,403	473919	*	*	*	12.03	11.03	*	*	*
Lentils	1936	2896	2930	51.34	1.18	13,287	19351	17156	*	*	6.86	6.68	5.86	-14.58	-12.28
Grass Peas	6621	7000	*	*	*	76,627	52184	*	*	*	11.57	7.45	*	*	*
Soya Beans	-	101	-	-	-	-	131	-	-	-	-	1.3	-	-	-
Fenugreek	1672	1849	*	*	*	12,390	14843	*	*	*	7.41	8.03	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	65726	77117	82508	25.53	17.33	421,583	512219	729267	72.98	42.37					
Neug	32078	19597	14197	-55.74	-27.55	165,734	91128	67872	-59.05	-25.52	5.17	4.65	4.78	-7.54	2.80
Linseed	5597	6198	5988	6.98	-3.39	23,304	27889	26247	12.63	-5.89	4.16	4.5	4.38	5.29	-2.67
Groundnut	*	4	*	*	*	*	*	*	-	-	-	*	-	-	-
Sufflower	2291	2761	*	*	*	21,534	22602	*	*	*	9.40	8.19	*	*	*
Sesame	25177	47722	59682	137.05	25.06	211,012	362199	608771	188.50	68.08	8.38	7.59	10.2	21.72	34.39
Rapeseed	580	834	482	-16.87	-42.16	-	8401	*	-	-	-	10.08	*	-	-

Table 4.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

South Gonder Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	465598	464254	468714	0.67	0.96	3,253,113	4566308	4910823	50.96	7.54					
Cereals	333483	347271	367452	10.19	5.81	2,494,712	3633336	4187129	67.84	15.24					
Teff	127316	123555	130680	2.64	5.77	866,588	1087161	1164476	34.37	7.11	6.81	8.8	8.91	30.84	1.25
Barley	73853	47536	52146	-29.39	9.70	505,315	466821	559147	10.65	19.78	6.84	9.82	10.72	56.73	9.16
Wheat	54736	69225	59659	8.99	-13.82	412,680	680604	671007	62.60	-1.41	7.54	9.83	11.25	49.20	14.45
Maize	30963	39053	46891	51.44	20.07	330,212	590839	766552	132.14	29.74	10.66	15.13	16.35	53.38	8.06
Sorghum	20518	31158	31426	53.16	0.86	194,522	366372	392878	101.97	7.23	9.48	11.76	12.5	31.86	6.29
Finger Millet	23504	30288	41946	78.47	38.49	184,595	328617	529023	186.59	60.98	7.85	10.85	12.61	60.64	16.22
Oats/Aja'	*	678	*	*	*	*	6273	*	*	*	*	9.25	*	*	*
Rice	*	5777	*	*	*	-	106649	*	*	*	-	18.46	*	*	*
Pulses	87831	79300	65873	-25.00	-16.93	619,063	736708	541636	-12.51	-26.48					
Faba Beans	26249	22952	27564	5.01	20.09	190,068	267320	290469	52.82	8.66	7.24	11.65	10.54	45.58	-9.53
Field Pease	18989	8896	9547	-49.73	7.32	94,193	62734	71121	-24.49	13.37	4.96	7.05	7.45	50.20	5.67
Haricot beans	12653	7450	13826	9.27	85.59	*	34006	58860	*	*	*	4.56	4.26	*	*
Chick-Peas	14776	15748	*	*	*	112,499	134945	*	*	*	7.61	8.57	*	*	*
Lentils	4445	3292	3544	-20.26	7.68	15,270	20406	*	*	*	3.44	6.2	*	*	*
Grass Peas	7996	16667	*	*	*	104,193	178107	7448	*	*	13.03	10.69	*	*	*
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	74	*	*	*	*	242	*	*	*	*	3.27	*	*	*
Gibto	2650	4223	5108	*	20.97	13,252	38948	52583	*	*	5.00	9.22	10.29	*	*
Oilseeds	44284	37684	35388	-20.09	-6.09	139,338	196264	182058	30.66	-7.24					
Neug	29491	26543	24984	-15.28	-5.87	98,620	156552	136617	38.53	-12.73	3.34	5.9	5.47	63.77	-7.29
Linseed	9722	8659	7110	-26.87	-17.89	23,087	25400	26241	13.66	3.31	2.37	2.93	3.69	55.70	25.94
Groundnut	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Safflower	1701	641	1344	-21.00	109.79	13,159	2017	6758	-48.65	*	7.74	3.15	5.03	*	*
Sesame	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Rapeseed	3355	1842	1943	-42.08	5.50	4,472	12295	12442	178.22	1.20	1.33	6.68	6.4	381.20	-4.19

Table 4.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North Wolo Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	232528	232674	269723	16.00	15.92	2,452,466	2706403	3285745	33.98	21.41					
Cereals	172747	185322	207792	20.29	12.13	1,873,623	2262790	2603244	38.94	15.05					
Teff	62111	58382	69853	12.46	19.65	573,294	496942	696033	21.41	40.06	9.23	8.51	9.96	7.91	17.04
Barley	38424	29754	35170	-8.47	18.20	395,813	425565	539823	36.38	26.85	10.30	14.3	15.35	49.03	7.34
Wheat	26138	27053	25273	-3.3	-6.58	310,907	333142	318013	2.29	-4.54	11.89	12.31	12.58	5.80	2.19
Maize	5404	6268	6335	17.22	1.06	25,963	82665	74518	107.21	-9.86	6.65	13.19	11.76	76.84	-10.84
Sorghum	38475	60065	66283	72.28	10.35	541,985	881507	917761	69.33	4.11	14.09	14.68	13.85	-1.70	-5.65
Finger Millet	607	2155	*	*	*	4,070	26343	*	*	*	6.71	12.22	*	*	*
Oats/Aja'	1575	1644	1907	21.06	16.01	11,592	16625	20441	76.34	22.96	7.36	10.12	10.72	45.65	5.93
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	52794	41617	53257	0.88	27.97	558,731	412636	636598	13.94	54.28					
Faba Beans	16585	12296	17214	3.80	40.00	175,527	133391	225288	28.35	68.89	10.58	10.85	13.09	23.72	20.65
Field Pease	11208	7974	13565	21.03	70.11	123,231	79925	175422	42.35	119.48	10.99	10.02	12.93	17.65	29.04
Haricot beans	*	859	1520	*	*	*	1523	7262	*	*	*	1.77	4.78	*	*
Chick-Peas	10421	8620	9927	-4.74	15.16	123,522	91920	109547	-11.31	19.18	11.85	10.66	11.04	-6.84	3.56
Lentils	9059	8700	7852	-13.33	-9.75	75,572	68204	76531	1.27	12.21	8.34	7.84	9.75	16.91	24.36
Grass Peas	2049	2346	2169	5.85	-7.54	35,453	31245	34163	-3.64	9.34	17.30	13.32	15.75	-8.96	18.24
Soya Beans	-	25	-	-	-	-	195	-	-	-	-	7.7	-	-	-
Fenugreek	618	798	1010	*	26.61	8,039	6232	8384	*	34.53	13.00	7.81	8.3	*	6.27
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	6988	5735	8674	24.13	51.24	20,113	30977	45903	128.23	48.18					
Neug	*	967	1332	*	*	*	1980	3713	*	*	*	2.05	2.79	*	*
Linseed	4653	3711	5885	26.49	58.58	12,383	20529	34566	179.14	68.38	2.66	5.53	5.87	120.68	6.15
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	*	264	*	*	*	*	1559	*	*	*	*	5.9	*	*	*
Sesame	*	777	1078	*	*	-	6909	5231	*	*	-	8.89	4.85	*	*
Rapeseed	*	15	*	*	*	*	*	-	*	*	*	*	-	*	*

Table 4.4 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

South Wolo Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	428473	394130	417548	-2.55	5.94	5,396,082	4761208	5411617	0.29	13.66					
Cereals	301385	289738	309025	2.53	6.66	4,169,305	3798347	4250978	1.96	11.92					
Teff	98552	74484	104151	5.68	39.83	1,142,063	758324	1268071	11.03	67.22	11.59	10.18	12.18	5.09	19.65
Barley	48341	35735	37982	-21.43	6.29	741,672	448555	464092	-37.43	3.46	15.34	12.55	12.22	-20.34	-2.63
Wheat	86170	84667	89228	3.55	5.39	1,323,984	1046328	1308194	-1.19	25.03	15.36	12.36	14.66	-4.56	18.61
Maize	8723	10579	12728	45.91	20.31	85,386	170373	188135	120.33	10.43	9.79	16.1	14.78	50.97	-8.20
Sorghum	54720	78161	58844	7.54	-24.71	807,080	1304602	957183	18.60	-26.63	14.75	16.69	16.27	10.31	-2.52
Finger Millet	1265	3001	3118	146.50	3.91	9,721	35555	33507	*	-5.76	7.69	11.85	10.75	*	-9.28
Oats/Aja'	3611	3110	2973	*	*	59,398	34611	31796	*	*	16.45	11.13	10.7	*	*
Rice	*	*	-	*	*	-	*	-	-	*	-	*	-	*	*
Pulses	117079	94798	96670	-17.43	1.98	1,186,207	917467	1093622	-7.81	19.20					
Faba Beans	35891	28315	32934	-8.24	16.31	484,738	318431	475946	-1.81	49.47	13.51	11.25	14.45	6.96	28.44
Field Pease	24143	16782	12311	-49.01	-26.64	146,283	144117	120259	-17.79	-16.55	6.06	8.59	9.77	61.22	13.74
Haricot beans	8639	4868	13443	55.61	176.17	60,258	57267	160964	167.12	181.08	6.98	11.76	11.97	71.49	1.79
Chick-Peas	15443	13522	10465	-32.24	-22.61	175,235	159970	122231	-30.25	-23.59	11.35	11.83	11.68	2.91	-1.27
Lentils	21007	20901	19624	-6.58	-6.11	185,059	129371	137343	-25.78	6.16	8.81	6.19	7	-20.54	13.09
Grass Peas	8964	7541	3793	-57.68	-49.70	109,771	90447	51428	-53.15	-43.14	12.25	11.99	13.56	10.69	13.09
Soya Beans	*	*	*	*	*	*	*	-	-	-	*	*	-	-	-
Fenugreek	2978	2870	3848	29.23	34.10	24,775	17866	25451	2.73	42.45	8.32	6.23	6.61	-20.55	6.10
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	10009	9595	11853	18.42	23.54	40,570	45393	67017	65.19	47.64					
Neug	5611	2961	5323	-5.13	79.80	28,158	13117	25931	-7.91	97.69	5.02	4.43	4.87	-2.99	9.93
Linseed	3471	5798	4441	27.94	-23.40	9,019	27173	25476	182.47	-6.25	2.60	4.69	5.74	120.77	22.39
Groundnut	-	1	*	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	*	577	770	*	*	-	3290	4705	*	*	-	5.7	6.11	*	*
Sesame	*	224	*	*	*	*	1729	10184	*	*	*	7.71	*	*	*
Rapeseed	279	34	*	*	*	1,119	84	*	*	*	4.00	2.44	*	*	*

Table 4.5 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North Shewa(Amhara) Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	390871	454884	463106	18.48	1.81	5,018,611	6909934	8683682	73.03	25.67					
Cereals	285069	339162	352836	23.77	4.03	3,758,113	5837829	7363149	95.93	26.13					
Teff	91293	100589	112266	22.97	11.61	955,269	1404604	1950370	104.17	38.86	10.46	13.96	17.37	66.06	24.43
Barley	45406	52073	56087	23.52	7.71	576,002	896830	1059703	83.98	18.16	12.69	17.22	18.89	48.86	9.70
Wheat	70060	73725	86924	24.07	17.90	1,169,893	1540367	2361848	101.89	53.33	16.70	20.89	27.17	62.69	30.06
Maize	5650	5652	6259	10.78	10.73	69,464	105627	125747	81.02	19.05	12.29	18.69	20.09	63.47	7.49
Sorghum	72532	106433	90935	25.37	-14.56	987,486	1890074	1863887	88.75	-1.39	13.61	17.76	20.5	50.62	15.43
Finger Millet	*	*	*	*	*	-	*	-	-	-	-	*	-	*	*
Oats/Aja'	*	690	*	*	*	-	326	*	*	*	-	0.47	*	*	*
Rice	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	93327	102506	97578	4.56	-4.81	1,193,684	998239	1235775	3.53	23.80					
Faba Beans	41361	46936	42863	3.63	-8.68	676,639	535295	687219	1.56	28.38	16.36	11.4	16.03	-2.02	40.61
Field Pease	16561	15099	12798	-22.72	-15.24	225,112	105398	137733	-38.82	30.68	13.59	6.98	10.76	-20.82	54.15
Haricot beans	4584	2767	7287	58.96	163.30	56,344	15191	89639	*	490.06	12.29	5.49	12.3	*	124.04
Chick-Peas	15689	21244	17734	13.03	-16.53	137,295	210885	158077	15.14	-25.04	8.75	9.93	8.91	1.83	-10.27
Lentils	9151	10555	9485	3.64	-10.14	54,054	66032	84608	56.53	28.13	5.91	6.26	8.92	50.93	42.49
Grass Peas	4950	4931	6328	27.84	28.34	40,945	58834	74124	81.03	25.99	8.27	11.93	11.71	41.60	-1.84
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	945	973	1084	14.70	11.37	3,296	6604	*	*	100.35	3.49	6.78	*	*	*
Gibto	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oilseeds	12475	13217	12692	1.74	-3.97	66,813	73866	84758	26.86	14.75					
Neug	1539	935	1686	9.58	80.39	4,731	3101	5046	6.65	62.69	3.07	3.32	2.99	-2.61	-9.94
Linsced	5623	7762	6151	9.39	-20.76	13,316	37319	28294	112.48	-24.18	2.37	4.81	4.6	94.09	-4.37
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	830	731	*	*	*	12,860	5089	9936	*	95.22	15.49	6.96	*	*	*
Sesame	4224	3625	3553	-15.87	-1.98	35,751	26700	40255	12.60	50.77	8.46	7.36	11.33	33.92	53.94
Rapeseed	*	163	*	*	*	*	1656	*	*	*	*	10.14	*	*	*

Table 4.6 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

East Gojam Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	457515	484576	476971	4.25	-1.57	5,751,625	5629884	6882324	19.66	22.25					
Cereals	343714	382664	393431	14.46	2.81	4,607,455	4690851	5989628	30.00	27.69					
Teff	171547	181273	183794	7.14	1.39	2,000,876	1815308	2236845	11.79	23.22	11.66	10.01	12.17	4.37	21.58
Barley	48555	45248	45359	-6.58	0.24	572,004	460494	563376	-1.51	22.34	11.78	10.18	12.42	5.43	22.00
Wheat	80011	88242	89235	11.53	1.13	1,315,459	1206709	1494354	13.60	23.84	16.44	13.68	16.75	1.89	22.44
Maize	27242	37760	46767	71.67	23.85	491,767	676909	1101778	124.04	62.77	18.05	17.93	23.56	30.53	31.40
Sorghum	16056	29682	27186	*	*	225,686	529006	578786	*	*	14.06	17.82	21.29	51.42	19.47
Finger Millet	212	459	*	*	*	*	2424	*	*	*	*	5.28	*	*	*
Oats/Aja'	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rice	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pulses	83749	70382	58670	-29.94	-16.64	990,125	778211	724140	-26.86	-6.95					
Faba Beans	33542	32628	33953	1.23	4.06	454,997	382591	450734	-0.94	17.81	13.57	11.73	13.28	-2.14	13.21
Field Pease	16147	10375	11324	-29.87	9.15	158,481	82238	106412	-32.86	29.39	9.81	7.93	9.4	-4.18	18.54
Haricot beans	*	474	*	*	*	*	5310	*	*	*	*	11.19	*	*	*
Chick-Peas	6639	6454	*	*	*	56,317	61046	*	*	*	8.48	9.46	*	*	*
Lentils	1242	1761	*	*	*	3,373	9765	*	*	*	2.72	5.54	*	*	*
Grass Peas	20925	17958	6111	-70.79	-65.97	285,112	231649	91530	-67.90	-60.49	13.63	12.9	14.98	9.90	16.12
Soya Beans	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fenugreek	320	115	*	*	*	1,150	581	*	*	*	3.60	5.05	*	*	*
Gibto	497	616	*	*	*	*	5031	*	*	*	*	8.16	*	*	*
Oilseeds	30053	31530	24870	-17.25	-21.12	154,045	160822	168556	9.42	4.81					
Neug	18535	20295	15395	-16.94	-24.15	87,531	77525	77892	-11.01	0.47	4.72	3.82	5.06	7.20	32.46
Linseed	5193	5917	4624	-10.96	-21.87	26,780	22815	24783	-7.46	8.62	5.16	3.86	5.36	3.88	38.86
Groundnut	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sufflower	*	34	*	*	*	*	200	*	*	*	*	5.95	*	*	*
Sesame	*	2812	*	*	*	*	32128	*	*	*	*	11.43	*	*	*
Rapeseed	4315	2471	1640	-62.00	-33.66	31,739	28153	20755	-34.61	-26.28	7.36	11.39	12.66	72.01	11.15

Table 4.7 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Gojam Zone		TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
Major Crops	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains	491842	514988	540027	9.80	4.86	5,667,375	6970770	8667808	52.94	24.35						
Cereals	356587	388193	433346	21.53	11.63	4,772,234	5952305	7758638	62.58	30.35						
Teff	111823	133209	130124	16.37	-2.32	919,370	1124256	1181346	28.50	5.08	8.22	8.44	9.08	10.46	7.58	
Barley	39160	31793	33535	-14.56	5.48	379,871	402951	480389	26.46	19.22	9.70	12.67	14.32	47.63	13.02	
Wheat	30489	37229	40345	22.32	8.37	651,952	643836	732228	12.31	13.73	21.38	17.29	18.15	-15.11	4.97	
Maize	116698	133776	165481	41.80	23.70	2,258,350	3235131	4623858	104.74	42.93	19.35	24.18	27.94	44.39	15.55	
Sorghum	*	2398	*	*	*	*	37490	*	*	*	*	15.63	*	*	*	
Finger Millet	55393	49772	59558	7.52	19.66	530,847	508516	670644	26.33	31.88	9.58	10.22	11.26	17.54	10.18	
Oats/Aja'	*	15	-	*	*	-	126	-	-	-	-	8.18	-	-	-	
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Pulses	62977	67365	53816	-14.55	-20.11	433,090	711194	616157	42.27	-13.36						
Faba Beans	26322	26175	32409	23.13	23.82	239,401	289878	408855	70.78	41.04	9.10	11.07	12.62	38.68	14.00	
Field Pease	9404	10743	11615	23.51	8.12	79,883	97390	118119	47.86	21.28	8.49	9.07	10.17	19.79	12.13	
Haricot beans	*	1534	1865	*	*	*	12464	*	*	*	*	8.13	*	*	*	
Chick-Peas	8360	11958	-	*	*	22,572	119092	-	*	*	2.70	9.96	-	*	*	
Lentils	*	231	*	*	*	*	*	-	*	*	*	*	-	*	*	
Grass Peas	10637	12203	*	*	*	40,419	152733	*	*	*	3.80	12.52	*	*	*	
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Fenugreek	215	58	*	*	*	1,569	318	*	*	*	7.30	5.45	*	*	*	
Gibto	3512	4463	6881	95.92	54.17	13,406	39320	68131	408.21	73.27	3.82	8.81	9.9	159.16	12.37	
Oilseeds	72278	59430	52865	-26.86	-11.05	462,051	307271	293013	-36.58	-4.64						
Neug	52205	44238	40834	-21.78	-7.69	279,866	172503	165769	-40.77	-3.90	5.36	3.9	4.06	-24.25	4.10	
Linseed	6532	4712	2429	-62.82	-48.46	22,543	21407	11821	-47.56	-44.78	3.45	4.54	4.87	41.16	7.27	
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Sufflower	*	51	*	*	*	*	108	*	-	-	*	2.11	*	*	*	
Sesame	*	830	*	*	*	-	3536	*	-	-	-	4.26	*	*	*	
Rapeseed	13154	9599	8818	-32.96	-8.13	156,441	109718	109122	-30.25	-0.54	11.89	11.43	12.37	4.04	8.22	

Table 4.8 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Waghamera Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	95241	96343	99908	4.90	3.70	515,650	1117813	1199157	132.55	7.28					
Cereals	71558	78160	81669	14.13	4.49	382,993	931634	990168	158.53	6.28					
Teff	22326	23865	23335	4.52	-2.22	84,708	232596	234159	176.43	0.67	3.79	9.75	10.03	164.64	2.87
Barley	19598	16395	18123	-7.53	10.54	160,869	187727	225680	40.29	20.22	8.21	11.45	12.45	51.64	8.73
Wheat	10246	8337	7703	-24.82	-7.60	87,626	95899	105294	20.16	9.80	8.55	11.5	13.67	59.88	18.87
Maize	2658	2173	3151	18.55	45.01	11,533	24490	37226	222.78	52.00	4.34	11.27	11.81	172.2	4.79
Sorghum	16592	26813	27952	68.47	4.25	37,855	386361	375440	891.78	-2.83	2.28	14.41	13.43	89.04	-6.80
Finger Millet	138	496	1404	917.64	183.39	401	4561	12370	2984.82	171.22	2.90	9.2	8.81	203.79	-4.24
Oats/Aja'	-	82	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	19195	14886	14590	-23.99	-1.99	118,555	159065	182820	54.21	14.93					
Faba Beans	8510	7819	8007	-5.91	2.40	74,199	92171	111962	50.89	21.47	8.72	11.79	13.98	60.32	18.58
Field Pease	3801	2579	1836	-51.70	-28.82	21,675	28263	24909	14.92	-11.87	5.70	10.96	13.57	138.07	23.81
Haricot beans	2233	1382	2401	7.51	73.73	505	12523	25823	5013.39	106.21	0.23	9.06	10.76	*	18.76
Chick-Peas	1051	687	760	-27.73	10.49	11,718	7008	7211	-38.46	2.90	11.14	10.19	9.49	-14.81	-6.87
Lentils	3516	2398	1576	-55.19	-34.30	10,372	18944	12824	23.64	-32.31	2.95	7.9	8.14	175.93	3.04
Grass Peas	*	1	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	48	19	11	-76.52	-41.61	87	157	*	*	*	1.80	8.12	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	4488	3296	3649	-18.70	10.70	14,102	27115	26169	85.57	-3.49					
Neug	596	314	826	38.59	162.98	688	1750	4932	616.82	181.88	1.16	5.57	5.97	414.66	7.18
Linseed	2144	1692	2166	1.01	27.97	6,996	9269	12668	81.07	36.67	3.26	5.48	5.85	79.45	6.75
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	1108	728	444	-59.96	-39.06	5,398	7711	5004	-7.30	-35.11	4.87	10.59	11.28	131.62	6.52
Sesame	*	558	*	*	*	*	8379	*	*	*	*	15.01	*	*	*
Rapeseed	*	4	-	*	*	-	7	-	*	*	-	1.98	-	*	*

Table 4.9 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Agewawie		Zone		TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)					
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over								
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06							
Total Grains	195225	254105	258831	32.58	1.86	2,060,810	2942547	3485820	69.15	18.46												
Cereals	156301	211562	212494	35.95	0.44	1,925,107	2706035	3200432	66.25	18.27												
Teff	54078	79655	71921	33.00	-9.71	469,660	584563	603534	28.50	3.25	8.68	7.34	8.39	-3.34	14.31							
Barley	11799	16258	6060	-48.64	-62.73	124,228	129260	57237	-53.93	-55.72	10.53	7.95	9.44	-10.35	18.74							
Wheat	7661	11308	6065	-20.83	-46.36	70,694	109133	75523	6.83	-30.80	9.23	9.65	12.45	34.89	29.02							
Maize	40035	52688	69440	73.45	31.80	820,919	1322868	1780996	116.95	34.63	20.51	25.11	25.65	25.06	2.15							
Sorghum	*	1745	2736	*	*	*	18563	*	*	*	*	10.64	*	*	*							
Finger Millet	41104	49821	56234	36.81	12.87	425,220	541089	663747	56.09	22.67	10.35	10.86	11.8	14.01	8.66							
Oats/Aja'	*	88	*	*	*	-	561	*	*	*	-	6.4	*	*	*							
Rice	*	*	*	*	*	-	*	-	*	*	-	*	-	*	*							
Pulses	10303	13250	15825	53.59	19.43	46,107	105797	146639	218.04	38.60												
Faba Beans	2978	2759	2340	-21.43	-15.20	23,489	26601	23068	-1.79	-13.28	7.89	9.64	9.86	24.97	2.28							
Field Pease	1412	1672	4476	217.02	167.79	5,768	8718	*	*	*	4.08	5.22	*	*	*							
Haricot beans	*	2219	*	*	*	-	16631	*	*	*	-	7.5	*	*	*							
Chick-Peas	*	1294	-	*	*	-	7394	-	-	-	-	5.72	-	-	-							
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-							
Grass Peas	*	642	*	*	*	-	6311	*	-	-	-	9.82	*	-	-							
Soya Beans	*	4	*	*	*	*	4	-	-	-	*	0.85	-	-	-							
Fenugreek	72	28	71	*	*	67	122	300	*	*	0.93	4.4	4.2	351.61	-4.55							
Gibto	3584	4633	7234	101.83	56.15	16,360	40016	81784	399.90	-104.38	4.57	8.64	11.31	147.48	30.90							
Oilseeds	28620	29293	30513	6.61	4.17	89,596	130715	138749	54.86	6.15												
Neug	23710	23476	24094	1.62	2.63	59,730	85428	93512	56.56	9.46	2.52	3.64	3.88	53.97	6.59							
Linseed	688	805	*	*	*	1,150	1751	*	*	*	1.67	2.18	*	*	*							
Groundnut	*	1036	*	*	*	*	13397	*	*	*	*	12.93	*	*	*							
Sufflower	*	13	*	*	*	-	*	-	-	-	-	*	-	-	-							
Sesame	*	2125	*	*	*	*	10330	*	*	*	*	4.86	*	*	*							
Rapeseed	1891	1837	2718	43.75	47.94	13,152	19810	30677	133.25	54.86	6.95	10.78	11.29	62.45	4.73							

Table 4.10 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Oromia Zone														
	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	56525	54221	53174	-5.93	-1.93	619,221	763283	778776	25.77	2.03					
Cereals	48935	47873	46350	-5.28	-3.18	553,975	698055	703284	26.95	0.75					
Teff	9669	6697	8600	-11.06	28.42	92,892	80070	120819	30.06	50.89	9.61	11.96	14.05	46.20	17.47
Barley	653	346	343	-47.41	-0.81	4,652	3905	3566	-23.35	-8.69	7.12	11.28	10.38	45.79	-7.98
Wheat	*	42	*	*	*	*	208	*	*	*	*	4.94	*	*	*
Maize	7276	4919	5555	-23.65	12.92	84,499	82915	96380	14.06	16.24	11.61	16.86	17.35	49.44	2.91
Sorghum	31064	35599	31482	1.35	-11.56	370,963	528730	478345	28.95	-9.53	11.94	14.85	15.19	27.22	2.29
Finger Millet	86	255	295	*	*	708	2108	*	*	*	8.28	8.26	*	*	*
Oats/Aja'	*	14	*	*	*	-	117	*	*	*	-	8.12	*	*	*
Rice	*	*	-	*	*	-	*	-	*	*	-	*	-	*	*
Pulses	4056	2091	3101	-23.55	48.29	37,162	22603	32813	-11.70	45.17					
Faba Beans	*	207	*	*	*	*	3222	*	*	*	*	15.6	*	*	*
Field Pease	*	343	*	*	*	*	3870	*	*	*	*	11.29	*	*	*
Haricot beans	2166	986	1649	-23.87	67.22	17,684	10025	16130	*	*	8.16	10.17	9.78	19.85	-3.83
Chick-Peas	519	490	*	*	*	6,392	5094	*	*	*	12.31	10.4	*	*	*
Lentils	*	65	*	*	*	*	392	*	*	*	*	6.04	*	*	*
Grass Peas	27	*	-	*	*	686	*	-	*	*	25.30	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	1	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oilseeds	3533	4256	3723	5.37	-12.54	28,084	42626	42679	51.97	0.12					
Neug	250	226	100	-59.91	-55.69	402	1545	714	77.50	-53.83	1.61	6.83	7.12	342.24	4.25
Linseed	126	56	*	*	*	645	98	*	*	*	5.11	1.76	*	*	*
Groundnut	*	35	*	*	*	-	149	*	*	*	-	4.3	*	*	*
Sufflower	302	252	337	11.58	33.61	2,585	2816	3950	52.79	40.27	8.57	11.16	11.72	36.76	5.02
Sesame	2771	3605	3082	11.24	-14.49	23,627	37790	37111	57.07	-1.79	8.53	10.48	12.04	41.15	14.89
Rapesced	74	83	*	*	*	826	229	*	*	*	11.14	2.76	*	*	*

Table 5. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Oromia Region														
	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	4574889	4720123	4877917	6.62	3.34	62,321,656	67727141	76827359	23.28	13.44					
Cereals	3649549	3835235	4062526	11.32	5.93	53,974,051	60285657	69162257	28.14	14.72					
Teff	918461	985666	1057746	15.17	7.31	9,450,873	10224520	11845739	25.34	15.86	10.29	10.37	11.2	8.84	8.00
Barley	532141	514377	489153	-8.08	-4.90	7,473,482	6929575	7222507	-3.36	4.23	14.04	13.47	14.81	5.48	9.95
Wheat	765528	816572	885465	15.67	8.44	13,028,288	13177061	16808035	29.01	27.56	17.02	16.14	19.02	11.75	17.84
Maize	791686	858096	973799	23.00	13.48	14,526,478	20317484	22975440	58.16	13.08	18.35	23.68	23.71	29.21	0.13
Sorghum	522499	542046	531678	1.76	-1.91	7,948,266	8176429	8704581	9.52	6.46	15.21	15.08	16.48	8.35	9.28
Finger Millet	84329	83578	86091	2.09	3.01	1,093,027	1141465	1103119	0.92	-3.36	12.96	13.66	12.81	-1.16	-6.22
Oats/Aja'	34807	34795	38219	9.80	9.84	453,549	317983	498680	9.95	56.83	13.03	9.14	13.07	0.31	43.00
Rice	*	106	374	*	*	*	1140	4155	*	*	*	10.79	11.1	*	2.87
Pulses	495572	487975	461027	-6.97	-5.52	5,333,287	5010423	5353702	0.38	6.85					
Faba Beans	160342	170873	176169	9.87	3.10	1,992,877	1995774	2252558	13.03	12.87	12.43	11.68	12.81	3.06	9.67
Field Pease	86828	92858	89783	3.40	-3.31	870,634	711166	831184	-4.53	16.88	10.03	7.66	9.27	-7.58	21.02
Haricot beans	129591	85170	98304	-24.14	15.42	1,278,394	783903	1138713	-10.93	45.26	9.86	9.2	11.79	19.57	28.15
Chick-Peas	49571	59060	30958	-37.55	-47.58	502,586	689229	409235	-18.57	-40.62	10.14	11.67	13.22	30.37	13.28
Lentils	17201	28584	27433	59.49	-4.03	127,644	207208	235418	84.43	13.61	7.42	7.25	8.59	15.77	18.48
Grass Peas	42496	44582	21377	-49.70	-52.05	499,865	563322	315895	-36.80	-43.92	11.76	12.64	14.78	25.68	16.93
Soya Beans	1520	2510	4001	*	59.42	*	34543	49951	*	*	*	13.76	12.49	*	*
Fenugreek	7925	4339	12950	63.39	198.47	58,276	25277	120746	107.20	377.69	7.35	5.83	9.33	26.94	60.03
Gibto	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oilseeds	429768	396913	354364	-17.55	-10.72	3,014,317	2431061	2311401	-23.32	-4.92					
Neug	163507	144965	133701	-18.23	-7.77	990,473	737942	783669	-20.88	6.20	6.06	5.09	5.86	-3.30	15.13
Linseed	192424	157345	131536	-31.64	-16.40	1,317,340	1001867	1007582	-23.51	0.57	6.85	6.37	7.66	11.82	20.25
Groundnut	17998	27588	19836	10.21	-28.10	212,776	251903	221753	4.22	-11.97	11.82	9.13	11.39	-3.64	24.75
Sufflower	1407	1835	1308	-7.04	-28.69	578	9000	*	*	*	0.41	4.9	*	*	*
Sesame	37882	57745	58530	54.51	1.36	347,828	369979	221641	-36.28	-40.09	9.18	6.41	3.8	-58.61	-40.72
Rapeseed	16550	7435	9453	-42.88	27.15	145,323	60370	74494	-48.74	23.40	8.78	8.12	7.88	-10.25	-2.96

Table .5. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Oromia Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	2.89	4,601,727	5,154,108	3.41	71,700,021	81,954,698	
Cereals	3.00	3,823,896	4,301,155	3.53	64,374,091	73,950,423	
Teff	4.76	958,994	1,156,499	5.92	10,471,726	13,219,752	
Barley	8.65	406,259	572,046	10.55	5,728,646	8,716,368	
Wheat	8.80	732,741	1,038,190	8.93	13,866,399	19,749,672	
Maize	4.04	896,643	1,050,956	4.82	20,803,654	25,147,225	
Sorghum	5.79	471,349	592,007	6.79	7,546,063	9,863,099	
Finger Millet	9.40	70,222	101,961	12.44	834,110	1,372,128	
Oats/Aja'	20.86	22,590	53,848	23.39	270,105	727,256	
Rice	42.29	64	684	36.74	1,163	7,147	
Pulses	4.88	416,897	505,158	5.52	4,774,561	5,932,842	
Faba Beans	7.20	151,304	201,034	7.91	1,903,234	2,601,883	
Field Peas	9.81	72,515	107,051	10.81	655,036	1,007,333	
Haricot beans	8.61	81,715	114,893	10.92	894,922	1,382,505	
Chick-Peas	21.27	18,055	43,861	24.17	215,345	603,124	
Lentils	18.37	17,556	37,310	25.71	116,769	354,068	
Grass Peas	18.02	13,826	28,928	18.90	198,875	432,915	
Soya Beans	22.56	2,231	5,770	27.72	22,808	77,094	
Fenugreek	37.04	3,548	22,351	41.47	22,595	218,898	
Gibto	*	*	*	*	*	*	
Oilseeds	7.61	301,528	407,201	8.44	1,929,006	2,693,796	
Neug	8.75	110,777	156,625	11.27	610,574	956,765	
Linseed	12.97	98,095	164,976	15.35	704,529	1,310,635	
Groundnut	26.77	9,427	30,245	29.42	93,870	349,637	
Sufflower	44.64	164	2,453	59.25	-365	4,888	
Sesame	26.42	28,226	88,834	19.10	138,683	304,598	
Rapeseed	20.31	5,689	13,217	28.92	32,268	116,721	

Table 5.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Welega Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			220132					3340000							
Cereals			177823					3093408							
Teff			26259					150749						5.74	
Barley			*					*						*	
Wheat			4563					*						*	
Maize			67449					1701186						25.22	
Sorghum			47543					802122						16.87	
Finger Millet			27795					317825						11.43	
Oats/Aja'			*					*						*	
Rice			-					-						-	
Pulses			14550					143078							
Faba Beans			3978					44678						11.23	
Field Pease			2266					12695						5.6	
Haricot beans			7638					77032						10.08	
Chick-Peas			-					-						-	
Lentils			-					-						-	
Grass Peas			*					*						*	
Soya Beans			*					*						*	
Fenugreek			-					-						-	
Gibto			-					-						-	
Oilseeds			27759					103515							
Neug			18826					71028						3.77	
Linseed			*					*						*	
Groundnut			*					*						*	
Sufflower			*					-						-	
Sesame			6358					18218						2.87	
Rapeseed			934					2794						2.99	

Table 5.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Kellem Welega Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			127520					2419500							
Cereals			112393					2265294							
Teff			18460					182173					9.87		
Barley			3701					48028					12.98		
Wheat			6931					97750					14.1		
Maze			43126					1135207					26.32		
Sorghum			25156					529386					21.04		
Finger Millet			14970					272346					18.19		
Oats/'Aja'			49					404					8.33		
Rice			*					-					-		
Pulses			7955					95633							
Faba Beans			3139					48455					15.43		
Field Pease			878					8342					9.5		
Haricot beans			3727					37372					10.03		
Chick-Peas			50					398					7.98		
Lentils			-					-					-		
Grass Peas			-					-					-		
Soya Beans			59					603					10.21		
Fenugreek			102					463					4.54		
Gibto			-					-					-		
Oilseeds			7172					58573							
Neug			2643					48932					18.51		
Linseed			91					520					5.7		
Groundnut			54					469					8.76		
Suflower			20					-					-		
Sesame			4078					6351					1.56		
Rapeseed			286					2301					8.04		

Table 5.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

New East Welega Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			291753				4459791								
Cereals			229498				4085627								
Teff			73418				773351						10.53		
Barley			*				*						*		
Wheat			6170				73875						11.97		
Maize			79573				2192652						27.56		
Sorghum			44111				719440						16.31		
Finger Millet			23817				299836						12.59		
Oats/Aja'			*				*						*		
Rice			-				-						-		
Pulses			11741				112739								
Faba Beans			8060				72212						8.96		
Field Pease			*				*						*		
Haricot beans			1170				10538						9.01		
Chick-Peas			-				-						-		
Lentils			*				*						*		
Grass Peas			-				-						-		
Soya Beans			*				*						*		
Fenugreek			*				*						*		
Gibto			-				-						-		
Oilseeds			50515				261425								
Neug			35579				188759						5.31		
Linseed			87				390						4.5		
Groundnut			*				*						*		
Sufflower			*				*						*		
Sesame			14048				64499						4.59		
Rapeseed			*				*						*		

Table 5.4 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Horro Guduro Welega Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			192041					2874721							
Cereals			137964					2497336							
Teff			48136					484966						10.07	
Barley			12387					174165						14.06	
Wheat			29249					562663						19.24	
Maize			33507					1047587						31.26	
Sorghum			8444					155420						18.41	
Finger Millet			634					12266						19.33	
Oats/Aja'			5606					60268						10.75	
Rice			*					-						-	
Pulses			13262					152330							
Faba Beans			8943					107167						11.98	
Field Pease			3824					39372						10.3	
Haricot beans			292					5345						18.29	
Chick-Peas			3					-						-	
Lentils			32					149						4.7	
Grass Peas			16					-						-	
Soya Beans			*					*						*	
Fenugreek			130					244						1.88	
Gibto			-					-						-	
Oilseeds			40815					225055							
Neug			30492					160242						5.26	
Linseed			3051					22669						7.43	
Groundnut			1643					21713						13.22	
Sufflower			10					65						6.43	
Sesame			3907					9086						2.33	
Rapeseed			1712					11282						6.59	

Table 5.5 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Illbabor Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	209414	235948	238100	13.70	0.91	2,568,973	3214780	3822927	48.81	18.92					
Cereals	179406	199591	204400	13.93	2.41	2,384,708	2954324	3528964	47.98	19.45					
Teff	53380	65253	54637	2.35	-16.27	571,420	616168	537419	-5.95	-12.78	10.70	9.44	9.84	-8.04	4.24
Barley	3332	5512	3310	-0.66	-39.95	23,237	44078	36952	59.02	-16.17	6.97	8	11.16	60.11	39.50
Wheat	7205	11452	12823	77.98	11.97	71,135	65019	172269	142.17	164.95	9.87	5.68	13.43	36.07	136.44
Maize	74708	70124	83706	12.04	19.37	1,158,799	1455320	1889953	63.10	29.87	15.51	20.75	22.58	45.58	8.82
Sorghum	32725	38792	41054	25.45	5.83	474,677	633158	736563	55.17	16.33	14.50	16.32	17.94	23.72	9.93
Finger Millet	7790	8380	7586	-2.63	-9.48	83,265	139837	134090	61.04	-4.11	10.69	16.69	17.68	65.39	5.93
Oats/'Aja'	*	24	1094	*	*	*	39	17562	*	*	*	1.65	16.05	*	*
Rice	-	54	189	*	*	-	705	4155	-	-	-	13.12	21.99	*	*
Pulses	19018	18779	18312	-3.71	-2.48	132,318	148071	155068	17.19	4.73					
Faba Beans	6782	6275	5929	-12.58	-5.52	50,630	53988	57740	14.04	6.95	7.46	8.6	9.74	30.56	13.26
Field Pease	5769	5175	6221	7.83	20.20	34,186	34029	42673	24.82	25.40	5.93	6.58	6.86	15.68	4.26
Haricot beans	5249	4054	3922	-25.29	-3.26	44,435	28935	34474	-22.42	19.14	8.47	7.14	8.79	3.78	23.11
Chick-Peas	746	2316	-	-	-	2,863	25634	-	-	-	3.84	11.07	-	*	*
Lentils	*	49	-	-	-	*	*	-	-	-	*	*	-	-	-
Grass Peas	-	72	-	-	-	-	611	-	-	-	-	8.51	-	-	-
Soya Beans	*	548	1667	*	204.41	-	4027	13842	*	*	-	7.35	8.3	-	-
Fenugreek	258	290	574	122.22	98.06	*	847	6340	*	*	*	2.92	11.05	*	278.42
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	10990	17578	15389	40.03	-12.45	51,947	112385	138895	167.38	23.59					
Neug	6733	6065	4983	-25.98	-17.83	34,079	30359	29871	-12.35	-1.61	5.06	5.01	5.99	18.38	19.56
Linseed	800	707	1236	54.45	74.88	2,116	2562	7724	264.96	201.48	2.65	3.63	6.25	135.85	72.18
Groundnut	*	274	337	*	22.76	-	4295	6903	-	-	-	15.67	20.51	*	*
Sufflower	*	3	8	*	*	-	2	11	*	*	-	0.69	1.36	*	*
Sesame	*	10465	8753	*	*	*	75005	94195	*	*	*	7.17	10.76	*	*
Rapeseed	178	64	73	*	13.85	335	161	192	*	*	1.88	2.52	2.63	*	*

Table 5.6 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Jimma Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	417853	434109	474861	13.64	9.39	5,939,081	5567016	6612213	11.33	18.77					
Cereals	360400	375262	408505	13.35	8.86	5,531,217	5107619	6086153	10.03	19.16					
Teff	129217	144927	146852	13.65	1.33	1,223,452	1135188	1168815	-4.47	2.96	9.47	7.83	7.96	-15.95	1.66
Barley	18194	21118	17664	-2.91	-16.36	173,279	164081	160418	-7.42	-2.23	9.52	7.77	9.08	-4.62	16.86
Wheat	37633	32884	39776	5.70	20.96	568,822	357687	527687	-7.23	47.53	15.12	10.88	13.27	-12.24	21.97
Maize	101713	110206	144625	42.19	31.23	2,325,388	2586778	3397894	46.12	31.36	22.86	23.47	23.49	2.76	0.09
Sorghum	65855	58842	52229	-20.69	-11.24	1,151,297	785161	760645	-33.93	-3.12	17.48	13.34	14.56	-16.70	9.15
Finger Millet	6261	5979	6094	-2.66	1.92	69,485	65307	56788	-18.27	-13.04	11.10	10.92	9.32	-16.04	-14.65
Oats/Aja'	1467	1306	1226	*	*	*	13417	*	*	*	*	10.27	*	*	*
Rice	*	*	*	*	*	-	*	-	*	*	-	*	-	*	*
Pulses	36143	35436	36733	1.63	3.66	306,068	312329	344705	12.62	10.37					
Faba Beans	21378	18336	17883	-16.35	-2.47	200,270	174583	193562	-3.35	10.87	9.37	9.52	10.82	15.47	13.66
Field Pease	12321	14370	15062	22.25	4.82	95,870	123355	130514	36.14	5.80	7.78	8.58	8.66	11.31	0.93
Haricot beans	1432	973	2053	43.40	110.95	6,753	5511	12892	*	133.92	4.72	5.66	6.28	33.05	10.95
Chick-Peas	*	972	-	*	*	*	5989	-	*	*	*	6.16	-	*	*
Lentils	561	625	1557	177.65	149.13	2,121	2064	6265	*	*	3.78	3.3	4.02	6.35	21.82
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	75	*	*	*	-	827	*	-	-	-	11.08	*	-	-
Fenugreek	*	86	*	*	*	-	*	*	*	*	-	*	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	21310	23411	29624	39.01	26.54	101,795	147068	181355	*	23.31					
Neug	15098	18398	15840	4.92	-13.90	77,428	121052	119216	*	-1.52	5.13	6.58	7.53	*	14.44
Linseed	5300	2891	*	*	*	23,077	9276	*	*	*	4.35	3.21	*	*	*
Groundnut	*	170	*	*	*	-	3222	*	-	-	-	18.9	*	-	-
Sufflower	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	*	1722	1337	*	-22.36	-	13183	9044	*	*	-	7.66	6.76	*	*
Rapeseed	460	229	696	*	204.41	1,290	335	823	*	*	2.81	1.47	1.18	*	*

Table 5.7 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Shewa		Zone (New)													
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	579473	550621	616245	6.35	11.92	8,518,972	9348759	10917545	28.16	16.78					
Cereals	479151	462195	515721	7.63	11.58	7,449,458	8333551	9789623	31.41	17.47					
Teff	116147	117681	128332	10.49	9.05	1,414,290	1581344	1907179	34.85	20.60	12.18	13.44	14.86	22.00	10.57
Barley	83018	86762	86437	4.12	-0.37	1,097,459	1390140	1574395	43.46	13.25	13.22	16.02	18.21	37.75	13.67
Wheat	155754	145596	171615	10.18	17.87	2,746,163	2804758	3711765	35.16	32.34	17.63	19.26	21.63	22.69	12.31
Maize	60235	58105	67226	11.61	15.70	1,120,035	1603275	1377104	22.95	-14.11	18.59	27.59	20.48	10.17	-25.77
Sorghum	52949	47780	56172	6.09	17.56	899,495	889583	1133049	25.97	27.37	16.99	18.62	20.17	18.72	8.32
Finger Millet	*	11	-	*	*	-	104	-	*	*	-	9.72	-	*	*
Oats/Aja'	*	6261	*	*	*	*	64348	*	*	*	*	10.28	*	*	*
Rice	-	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	47582	48706	48892	2.75	0.38	710,530	711855	757174	6.56	6.37					
Faba Beans	28047	26861	30841	9.96	-36.68	431,151	402035	499649	15.89	24.28	15.37	14.97	16.2	5.40	8.22
Field Peas	11224	8295	9585	-14.60	15.55	139,183	114188	154290	10.85	35.12	12.40	13.77	16.1	29.84	16.92
Haricot beans	817	94	*	*	*	3,243	964	*	*	*	3.97	10.28	*	*	*
Chick-Peas	*	3579	*	*	*	*	56928	*	*	*	*	15.91	*	*	*
Lentils	1366	2044	3372	*	*	12,093	18709	20505	*	*	8.85	9.15	6.08	*	*
Grass Peas	*	6484	*	*	*	*	98438	*	*	*	*	15.18	*	*	*
Soya Beans	*	1227	-	-	-	-	19136	-	-	-	-	15.6	-	-	-
Fenugreek	*	123	*	*	*	*	1456	*	*	*	*	11.86	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	52741	39720	51631	-2.10	29.99	358,983	303353	370748	3.28	22.22					
Neug	19499	13248	15457	-20.73	16.67	122,518	92488	123822	1.07	33.88	6.28	6.98	8.01	27.55	14.76
Linseed	28328	22882	18976	-33.01	-17.07	213,116	180362	213492	0.18	18.37	7.52	7.88	11.25	49.60	42.77
Groundnut	*	0	*	*	*	-	0	-	-	-	-	0.22	-	-	-
Safflower	*	45	*	*	*	-	451	*	*	*	-	10.11	*	*	*
Sesame	*	2357	*	*	*	-	18613	*	*	*	-	7.9	*	*	*
Rapeseed	2939	1188	*	*	*	23,350	11438	*	*	*	7.94	9.63	*	*	*

Table 5.8 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

South West Shewa Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	266641	281993	286111	7.30	1.46	3,182,504	3866083	3996876	25.59	3.38					
Cereals	202937	217772	238367	17.46	9.46	2,568,115	3120553	3452405	34.43	10.63					
Teff	123002	125652	136248	10.77	8.43	1,402,071	1497528	1629126	16.19	8.79	11.40	11.92	11.96	4.91	0.34
Barley	13497	9104	17081	26.56	87.62	110,582	128270	240507	117.49	87.50	8.19	14.09	14.08	71.92	-0.07
Wheat	43640	53834	56742	30.02	5.40	728,519	910461	992455	36.23	9.01	16.69	16.91	17.49	4.79	3.43
Maize	16904	21824	22926	35.63	5.05	247,691	478537	513054	107.13	7.21	14.65	21.93	22.38	52.76	2.05
Sorghum	5464	7189	5248	-3.95	-27.00	75,933	104919	76835	1.19	-26.77	13.90	14.59	14.64	5.32	0.34
Finger Millet	*	45	-	*	*	-	*	-	-	-	-	*	-	-	*
Oats/Aja'	*	124	*	*	*	*	838	*	*	*	*	6.76	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	51362	53647	40267	-21.60	-24.94	554,320	682992	500804	-9.65	-26.68					
Faba Beans	7463	7699	8823	18.22	14.59	93,066	104410	119957	28.89	14.89	12.47	13.56	13.6	9.06	0.29
Field Peas	4325	3272	7263	67.94	121.96	41,729	40100	89357	114.14	122.84	9.65	12.26	12.3	27.46	0.33
Haricot beans	*	1852	3122	*	*	*	6535	37004	*	*	*	3.53	11.85	*	*
Chick-Peas	22385	25607	10425	-53.43	-59.29	243,449	327960	125091	-48.62	-61.86	10.88	12.81	12	10.29	-6.32
Lentils	1744	3551	*	*	*	10,638	30297	*	*	*	6.10	8.53	*	*	*
Grass Peas	10925	11486	5965	-45.40	-48.07	145,652	172879	88938	-38.94	-48.55	13.33	15.05	14.91	11.85	-0.93
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	780	179	*	*	*	*	809	*	*	*	*	4.53	*	*	*
Gibto	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	12342	10575	7477	-39.42	-29.30	60,068	62538	43668	-27.30	-30.17					
Neug	8290	6568	*	*	*	37,263	37307	20150	*	*	4.49	5.68	*	*	*
Linseed	3682	3784	2624	-28.73	-30.65	21,510	23594	21203	-1.43	-10.14	5.84	6.23	8.08	38.36	29.70
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Safflower	*	11	*	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	*	6	*	*	*	-	23	*	-	-	-	4	*	-	-
Rapeseed	281	207	243	-13.50	17.44	1,296	1614	2307	-78.08	42.94	4.62	7.81	9.5	105.63	21.64

Table 5.9 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North Shewa(Oromia) Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	371071	370741	380217	2.46	2.56	3,827,008	4023976	4273216	11.66	6.19					
Cereals	294143	291967	310977	5.72	6.51	3,121,269	3367414	3626117	16.17	7.68					
Teff	108258	95415	117870	8.88	23.53	1,067,248	892181	1246037	16.75	39.66	9.86	9.35	10.57	7.20	13.05
Barley	73392	81062	90527	23.35	11.68	603,831	884306	991693	64.23	12.14	8.23	10.91	10.95	33.05	0.37
Wheat	56832	55242	53140	-6.50	-3.80	664,775	724023	751940	13.11	3.86	11.70	13.11	14.15	20.94	7.93
Maize	6649	5870	6639	-0.15	13.10	82,522	61962	81445	-1.30	31.44	12.41	10.56	12.27	-1.13	16.19
Sorghum	46924	53300	41889	-10.73	-21.41	688,223	795121	546923	-20.53	-31.22	14.67	14.92	13.06	-10.97	-12.47
Finger Millet	*	62	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/'Aja'	1906	1017	912	-52.15	-10.29	14,669	9821	*	*	*	7.69	9.66	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	62181	66837	61044	-1.83	-8.67	646,656	602002	609922	-5.68	1.32					
Faba Beans	28944	35380	36455	25.95	3.04	296,582	340935	362059	22.08	6.20	10.25	9.64	9.93	-3.12	3.01
Field Peas	8923	6468	6534	-26.76	1.03	90,284	42483	44496	-50.72	4.74	10.12	6.57	6.81	-32.71	3.65
Haricot beans	322	73	*	*	*	1,083	544	*	*	*	3.36	7.46	*	*	*
Chick-Peas	5888	5136	2045	-65.27	-60.18	55,892	47678	18452	-66.99	-61.30	9.49	9.28	9.02	-4.95	-2.80
Lentils	6556	9515	5352	-18.38	-43.75	52,070	43277	30392	*	*	7.94	4.55	5.68	*	*
Grass Peas	10696	9794	9342	-12.66	-4.61	142,398	125430	141184	-0.85	12.56	13.31	12.81	15.11	13.52	17.95
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	472	*	*	*	*	1655	*	*	*	*	3.51	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	14747	11937	8196	-44.42	-31.34	59,084	54559	37178	-37.08	-31.86					
Neug	6665	2688	3086	-53.70	14.79	35,972	10615	12498	-65.26	17.74	5.40	3.95	4.05	-25.00	2.53
Linseed	7757	7957	4848	-37.50	-39.07	20,947	36816	23386	11.64	-36.48	2.70	4.63	4.82	78.52	4.10
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	*	1171	*	*	*	-	6531	-	*	*	-	5.58	-	*	*
Sesame	*	69	*	*	*	-	363	*	*	*	-	5.23	*	*	*
Rapeseed	214	51	*	*	*	2,165	234	*	*	*	10.10	4.56	*	*	*

Table 5.10 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

New East Shewa Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			403450					7492715							
Cereals			339650					6677938							
Teff			178905					2676009					14.96		
Barley			10829					183018					16.9		
Wheat			74208					1689942					22.77		
Maize			69321					2034082					29.34		
Sorghum			6228					94701					15.21		
Finger Millet			*					-					-		
Oats'Aja'			*					*					*		
Rice			-					-					-		
Pulses			62918					812398							
Faba Beans			7634					85215					11.16		
Field Peas			7074					62992					8.9		
Haricot beans			18671					261296					13.99		
Chick-Peas			15609					222480					14.25		
Lentils			9580					122669					12.8		
Grass Peas			4200					57028					13.58		
Soya Beans			-					-					-		
Fenugreek			*					*					*		
Gibto			-					-					-		
Oilseeds			881					2380							
Neug			*					-					-		
Linseed			*					*					*		
Groundnut			-					-					-		
Sufflower			*					-					-		
Sesame			-					-					-		
Rapeseed			*					*					*		

Table 5.11 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

New Arsi Zone		TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS				Yield(Qts/Ha)						
Major Crops	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains			482185					7756853								
Cereals			386584					6843015								
Teff			75177					586997						7.81		
Barley			64872					990212						15.26		
Wheat			148100					3092060						20.88		
Maize			67844					1547690						22.81		
Sorghum			26662					576581						21.63		
Finger Millet			*					-						-		
Oats/'Aja'			3828					49475						12.92		
Rice			-					-						-		
Pulses			50550					632117								
Faba Beans			25527					396173						15.52		
Field Peas			10024					86006						8.58		
Haricot beans			12089					126663						10.48		
Chick-Peas			*					*						*		
Lentils			1272					6554						5.15		
Grass Peas			*					*						*		
Soya Beans			*					*						*		
Fenugreek			*					*						*		
Gibto			*					-						-		
Oilseeds			45052					281721								
Neug			*					*						*		
Linseed			40894					260543						6.37		
Groundnut			*					*						*		
Sufflower			*					*						*		
Sesame			*					-						-		
Rapeseed			*					*						*		

Table 5.12 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops
for Private Peasant Holdings in Ethiopia, Meher Season

West Arsi Zone		TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS				Yield(Qts/Ha)						
Major Crops	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains			279680					4824577								
Cereals			252946					4588012								
Teff			21857					200947						9.19		
Barley			54948					694498						12.64		
Wheat			84965					1437129						16.91		
Maize			82961					2167748						26.13		
Sorghum			3901					86373						22.14		
Finger Millet			4015					-						-		
Oats/Aja'			*					*						*		
Rice			*					-						-		
Pulses			13761					156744								
Faba Beans			2695					38882						14.43		
Field Peas			*					*						*		
Haricot beans			9408					107442						11.42		
Chick-Peas			-					-						-		
Lentils			*					*						*		
Grass Peas			-					-						-		
Soya Beans			-					-						-		
Fenugreek			*					*						*		
Gibto			-					-						-		
Oilseeds			12973					79820								
Neug			*					*						*		
Linseed			11406					75468						6.62		
Groundnut			*					-						-		
Sufflower			-					-						-		
Sesame			1052					-						-		
Rapeseed			*					*						*		

Table 5.13 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Harerge Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	199102	197010	197293	-0.91	0.14	2,419,505	2584152	2915978	20.52	12.84					
Cereals	165863	165624	169270	2.05	2.20	2,048,427	2276969	2603585	27.10	14.34					
Teff	12144	11663	12107	-0.30	3.81	109,795	114335	135125	23.07	18.18	9.04	9.8	11.16	23.45	13.88
Barley	5050	5763	6776	34.17	17.58	53,610	52335	65794	22.73	25.72	10.62	9.08	9.71	-8.57	6.94
Wheat	6601	5880	5028	-23.83	-14.49	73,044	79052	73122	0.11	-7.50	11.07	13.44	14.54	31.35	8.18
Maize	47415	44046	69042	45.61	56.75	579,500	743179	1205668	108.05	62.23	12.22	16.87	17.46	42.88	3.50
Sorghum	92534	96086	75041	-18.90	-21.90	1,214,661	1266796	1110676	-8.56	-12.32	13.13	13.18	14.8	12.72	12.29
Finger Millet	1768	1680	962	-45.58	-42.75	14,252	15474	9966	-30.07	-35.59	8.06	9.21	10.36	28.54	12.49
Oats/Aja'	350	506	314	-10.53	-37.99	3,564	5799	3233	-9.29	-44.24	10.17	11.47	10.31	1.38	-10.11
Rice	*	*	-	*	*	-	*	-	*	*	-	*	-	*	*
Pulses	24129	17823	19142	-20.67	7.40	308,884	213851	261405	-15.37	22.24					
Faba Beans	*	2028	*	*	*	*	34858	*	*	*	*	17.19	*	*	*
Field Peas	*	302	*	*	*	*	2325	*	*	*	*	7.71	*	*	*
Haricot beans	17149	13067	13526	-21.13	3.51	223,972	155075	172057	-23.18	10.95	13.06	11.87	12.72	-2.60	7.16
Chick-Peas	*	1324	*	*	*	16,103	16469	*	*	*	*	12.44	*	*	*
Lentils	733	508	519	-29.17	2.32	4,905	1892	*	*	*	6.69	3.73	*	*	*
Grass Peas	*	26	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	1465	569	1292	-11.86	126.97	6,493	3232	8591	32.31	165.86	4.43	5.68	6.65	50.11	17.08
Gibto	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	9110	13563	8881	-2.51	-34.52	62,194	93332	50987	*	-45.37					
Neug	*	*	*	-	-	*	*	-	-	-	*	*	-	-	-
Linseed	1354	1296	1507	11.30	16.32	4,581	5800	7568	65.18	30.48	3.38	4.48	5.02	48.52	12.05
Groundnut	*	9667	3465	*	-64.16	*	63849	28129	*	-55.94	*	6.6	8.12	*	*
Sunflower	100	23	*	*	*	578	10	*	*	*	5.80	0.42	*	*	*
Sesame	2194	2434	*	*	*	12,802	23461	*	*	*	5.84	9.64	*	*	*
Rapeseed	231	143	*	*	*	218	213	*	*	*	0.94	1.48	*	*	*

Table 5.14 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

East Harerge Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	192117	256518	253757	32.08	-1.08	2,339,493	2942401	3808725	62.80	29.44					
Cereals	149501	212722	213844	43.04	0.53	1,856,836	2566291	3359781	80.94	30.92					
Teff	2828	3198	3357	18.71	4.98	25,739	24463	28026	8.88	14.57	9.10	7.65	8.35	*	*
Barley	*	10901	*	*	*	73,476	114171	*	*	*	*	10.47	*	*	*
Wheat	21393	44864	*	*	*	274,644	240172	*	*	*	12.84	5.35	*	*	*
Maize	46850	56911	64715	38.13	13.71	638,307	1075240	1237726	93.91	15.11	13.62	18.89	19.13	40.46	1.27
Sorghum	70422	92382	90973	29.18	-1.53	826,441	1104634	1368557	65.60	23.89	11.74	11.96	15.04	28.11	25.75
Finger Millet	*	6	*	*	*	-	*	-	*	*	-	*	-	*	*
Oats/Aja'	*	4460	*	*	*	*	7612	*	*	*	*	1.71	*	*	*
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	26189	21093	21793	-16.78	3.32	320,737	216551	261779	-18.38	20.89					
Faba Beans	4112	5123	*	*	*	54,013	74100	*	*	*	13.14	14.47	*	*	*
Field Peas	*	4739	*	*	*	*	13825	*	*	*	*	2.92	*	*	*
Haricot beans	16201	7651	12431	-23.27	62.47	214,955	111138	163049	-24.15	46.71	13.27	14.53	13.12	-1.13	-9.70
Chick-Peas	173	204	*	*	*	916	1220	*	*	*	5.30	5.99	*	*	*
Lentils	1026	1213	1183	15.27	-2.48	8,044	8324	*	*	*	7.84	6.86	*	*	*
Grass Peas	*	1207	-	-	-	*	*	-	-	-	*	*	-	*	*
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	1388	957	957	-31.03	0.00	12,224	7944	5984	-51.05	-24.67	8.81	8.3	6.25	-29.06	-24.70
Gibto	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	16427	22703	18120	10.31	-20.19	161,920	159558	187165	15.59	17.30					
Neug	*	171	*	-	-	*	*	*	-	-	*	*	*	-	-
Linseed	*	7726	*	*	*	*	9954	*	*	*	*	1.29	*	*	*
Groundnut	10261	14505	13121	27.87	-9.54	135,076	147862	153244	13.45	3.64	13.16	10.19	11.68	*	14.62
Sunflower	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	*	297	*	*	*	-	1742	*	*	*	-	5.86	*	*	*
Rapeseed	24	3	-	*	*	-	*	-	*	*	-	*	-	*	*

Table 5.15 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

New Bale Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains			316914				5638335								
Cereals			267087				5175607								
Teff			13631				120735							8.86	
Barley			73325				1532843							20.9	
Wheat			141368				2879349							20.37	
Maize			22408				434191							19.38	
Sorghum			1323				-							-	
Finger Millet			-				-							-	
Oats/Aja'			15033				208488							13.87	
Rice			-				-							-	
Pulses			20137				175119								
Faba Beans			2469				36519							14.79	
Field Peas			9118				54590							5.99	
Haricot beans			1002				10959							10.94	
Chick-Peas			-				-							-	
Lentils			1002				6357							6.35	
Grass Peas			-				-							-	
Soya Beans			-				-							-	
Fenugreek			6546				66694							10.19	
Gibto			-				-							-	
Oilseeds			29691				287609								
Neug			*				*							*	
Linseed			29587				287291							9.71	
Groundnut			-				-							-	
Sufflower			*				-							-	
Sesame			-				-							-	
Rapeseed			47				-							-	

Table 5.16 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	31250	33138	28351	-9.28	-14.45	239,674	280280	374752	56.36	33.71					
Cereals	19771	23428	21367	8.07	-8.80	199,221	243137	330170	65.73	35.80					
Teff	3560	4186	1659	-53.40	-60.36	17,536	14060	*	*	*	4.93	3.36	*	*	*
Barley	*	4203	*	*	*	*	9617	*	*	*	*	2.29	*	*	*
Wheat	1228	701	611	*	*	7,776	4561	*	*	*	6.33	6.51	*	*	*
Maize	10891	13427	12468	14.48	-7.14	142,778	212520	301874	111.43	42.05	13.11	15.83	24.21	84.67	52.94
Sorghum	*	911	*	*	*	*	2380	*	*	*	*	2.61	*	*	*
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	11380	9575	6910	-39.28	-27.84	40,454	37078	44524	10.06	20.08					
Faba Beans	*	282	*	*	*	*	2326	3163	*	*	*	8.25	*	*	*
Field Peas	16	126	*	*	*	*	122	*	*	*	*	0.97	*	*	*
Haricot beans	10269	9088	6604	-35.69	-27.33	37,248	34184	41352	11.02	20.97	3.63	3.76	6.26	72.45	66.49
Chick-Peas	389	65	-	*	*	694	356	-	*	*	1.78	5.46	-	*	*
Lentils	*	7	-	*	*	*	*	-	-	-	*	*	-	-	-
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	8	*	*	*	-	90	-	-	-	-	11.9	-	-	-
Fenugreek	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	135	*	*	*	-	65	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	103	-	*	*	-	17	-	-	-	-	0.17	-	-	-
Groundnut	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Sunflower	-	3	*	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	30	*	*	*	-	48	*	*	*	-	1.62	*	*	*

Table 5.17 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	93758	83789	89306	-4.75	6.59	1,133,877	950136	1298636	14.53	36.68					
Cereals	82937	74753	76130	-8.21	1.84	1,052,145	884499	1159223	10.18	31.06					
Teff	13233	14131	*	*	*	109,163	96078	*	*	*	8.25	6.8	*	*	*
Barley	26233	26349	29560	12.68	12.9	323,416	276759	323649	0.07	16.94	12.33	10.5	10.95	-11.19	4.29
Wheat	12377	13615	9335	-24.58	-31.44	132,018	135477	117901	*	*	10.67	9.95	12.63	*	*
Maize	30979	20627	36262	17.05	75.80	487,548	376185	710379	45.70	88.84	15.74	18.24	19.59	24.46	7.40
Sorghum	*	31	*	*	*	-	0	-	-	*	-	*	-	-	*
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/'Aja'	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Rice	*	*	-	*	-	-	*	-	-	-	-	*	-	-	-
Pulses	10725	9001	13061	21.78	45.10	81,617	65563	138163	69.28	110.73					
Faba Beans	2783	3039	5521	98.34	81.64	25,226	24869	55178	118.73	121.87	9.06	8.18	9.99	10.26	22.13
Field Peas	4865	4544	6345	30.42	39.65	37,941	31487	62446	64.59	98.32	7.80	6.93	9.84	26.15	41.99
Haricot beans	3015	1314	1195	*	-9.06	18,348	8598	*	*	*	6.09	6.54	*	*	*
Chick-Peas	*	101	-	*	-	*	606	-	*	-	*	6	-	*	*
Lentils	*	0	-	*	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	*	*	-	*	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	-	3	*	-	-	-	3	*	-	-	-	0.95	*	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	96	35	*	*	*	*	73	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	27	*	*	*	*	21	*	*	-	*	0.79	*	-	-
Groundnut	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	*	*	-	*	*	-	*	-	-	*	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	8	*	*	*	-	52	*	-	*	-	6.54	*	*	*

Table 6. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Somali Region															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	72130	67290	68244	-5.39	1.42	446,486	378094	453510	1.57	*					
Cereals	69900	65915	66909	-4.28	1.51	437,931	376439	452921	3.42	*					
Teff	*	9	-	*	*	-	*	-	-	-	-	*	-	-	-
Barley	5706	2532	1903	-66.65	-24.84	38,992	11240	11791	-69.76	4.90	6.83	4.44	6.2	-9.22	39.64
Wheat	16030	9672	6333	-60.49	-34.52	153,023	47166	43507	-71.57	-7.76	9.55	4.88	6.87	-28.06	40.78
Maize	25660	22965	32356	26.10	40.89	103,611	137199	213302	105.87	55.47	4.04	5.97	6.59	63.12	10.39
Sorghum	21994	30475	26185	19.06	-14.08	138,389	180019	183613	32.68	2.00	6.29	5.91	7.01	11.45	18.61
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats/'Aja'	490	258	*	*	*	3,916	802	*	*	*	7.99	3.11	*	*	*
Rice	-	4	-	-	-	-	13	-	-	-	-	3.61	-	-	-
Pulses	1926	1173	1212	-37.08	3.28	8,163	1467	*	*	*					
Faba Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Field Peas	100	8	*	*	*	1,012	10	*	*	*	10.16	1.25	*	*	*
Haricot beans	1154	651	1114	-3.50	71.11	6,058	328	*	*	*	5.25	0.5	*	*	*
Chick-Peas	*	456	*	*	*	*	1018	*	*	*	*	2.23	*	*	*
Lentils	170	10	-	*	*	538	25	-	*	*	3.16	2.5	-	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	130	49	-	*	*	226	87	-	*	*	1.74	1.78	-	*	*
Gibto	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oilseeds	304	201	123	-59.38	-38.71	392	188	114	-70.87	-39.37					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	265	195	113	-57.52	-42.28	392	186	114	-70.87	-38.67	1.48	0.95	1.01	-	-
Groundnut	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	6	*	-	-	1	2	-	*	*	*	0.34	-	*	*
Rapeseed	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-

Table .6. Interval Estimates for 2006/07(1999E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Somali Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	8.73	56,569	79,919	11.11	354,746	552,273	
Cereals	8.78	55,391	78,426	11.12	354,219	551,622	
Teff	*	*	*	*	*	*	
Barley	31.70	721	3,085	35.72	3,537	20,046	
Wheat	27.29	2,945	9,721	27.14	20,362	66,653	
Maize	10.62	25,624	39,089	15.89	146,871	279,733	
Sorghum	14.05	18,975	33,395	15.17	129,025	238,201	
Finger Millet	*	*	*	*	*	*	
Oats/'Aja'	64.10	-34	295	62.32	-157	1,570	
Rice	*	*	*	*	*	*	
Pulses	34.20	400	2,024	54.49	-32	982	
Faba Beans	*	*	*	*	*	*	
Field Peas	*	*	*	*	*	*	
Haricot beans	36.65	314	1,913	77.75	-132	636	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	*	*	*	
Grass Peas	*	*	*	*	*	*	
Soya Beans	*	*	*	*	*	*	
Fenugreek	*	*	*	*	*	*	
Gibto	*	*	*	*	*	*	
Oilseeds	43.23	19	228	41.65	21	207	
Neug	*	*	*	*	*	*	
Linseed	*	*	*	*	*	*	
Groundnut	*	*	*	*	*	*	
Sufflower..	*	*	*	*	*	*	
Sesame	*	*	*	*	*	*	
Rapeseed	*	*	*	*	*	*	

Table 6.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Shinele Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains	1100	892	1043	-5.22	16.86	5,314	7532	9620	81.04	27.73						
Cereals	1094	891	1043	-4.70	16.96	5,313	7530	9620	81.07	27.77						
Teff	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Barley	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Wheat	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Maize	129	68	135	4.87	99.44	189	794	1723	811.42	117.05	1.47	11.7	12.73	765.99	8.80	
Sorghum	966	824	907	-6.08	10.17	5,124	6736	7898	54.13	17.25	5.31	8.18	8.71	64.03	6.48	
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2	0	-	*	*	-	0	-	-	-	-	-	-	-	-	-
Faba Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Field Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Haricot beans	0	0	-	*	*	-	0	-	-	-	-	3.86	-	-	-	-
Chick-Peas	0	*	-	*	*	-	*	-	-	-	-	*	-	-	-	-
Lentils	1	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	3	1	-	*	*	1	2	-	*	*	-	-	-	-	-	-
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Groundnut	*	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	3	1	-	-	-	1	2	-	*	*	0.18	4.04	-	*	*	
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 6.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Jijiga Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	64,749	62809	61804	-4.55	-1.60	420,136	370401	443259	5.50	19.67					
Cereals	63,058	62036	61529	-2.42	-0.82	413,877	368748	442670	6.96	20.05					
Teff	*	9	-	*	*	-	*	-	-	-		*	-	-	-
Barley	5,706	2532	1903	-66.65	-24.84	38,992	11240	11791	-69.76	4.90	6.83	4.44	6.2	-9.22	39.64
Wheat	16,030	9617	6223	-61.18	-35.29	153,023	47166	43507	-71.57	-7.76	9.55	4.9	6.99	-26.81	42.65
Maize	19,999	20012	28012	40.07	39.98	85,005	136405	211579	148.90	55.11	4.25	6.82	7.55	77.65	10.70
Sorghum	20,812	29605	25261	21.58	-14.67	132,941	173121	175085	31.70	1.13	6.39	5.85	6.93	8.45	18.46
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	490	258	*	*	*	3,916	802	*	*	*	7.99	3.11	*	*	*
Rice	-	4	-	-	-	-	13	-	-	-	-	3.61	-	-	-
Pulses	1,417	578	*	*	*	5,868	1467	*	*	*					
Faba Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Field Peas	100	8	*	*	*	1,012	10	*	*	*	10.16	1.25	*	*	*
Haricot beans	647	55	*	*	*	3,763	328	*	*	*	5.82	5.91	*	*	*
Chick-Peas	*	456	*	*	*	*	1018	*	*	*	*	2.23	*	*	*
Lentils	169	10	-	*	*	538	25	-	*	*	3.18	2.5	-	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	130	49	-	*	*	226	87	-	*	*	1.74	1.78	-	*	*
Gibto	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	273	195	113	-58.77	-42.28	392	186	114	-70.87	-38.67					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	265	195	113	-57.52	-42.28	392	186	114	-70.87	-38.67	1.48	0.95	1.01	-31.76	6.32
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-

Table 6.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Liben Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	6282	3589	5398	-14.08	50.41	21,036	162	*	*	*					
Cereals	5748	2988	4337	-24.55	45.15	18,741	162	*	*	*					
Teff	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Barley	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Wheat	-	55	*	-	-	-	*	-	-	-	-	*	-	-	-
Maize	5532	2886	4209	-23.91	45.87	18,417	*	-	*	*	3.33	*	-	*	*
Sorghum	*	47	*	*	*	*	162	*	-	-	*	3.45	*	-	-
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	507	595	1050	107.11	76.41	2,295	*	-	*	*					
Faba Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Field Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Haricot beans	507	595	1050	107.11	76.41	2,295	*	-	*	*	4.53	*	-	*	*
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	6	*	*	*	-	*	-	-	-					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sunflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	6	*	*	*	-	*	-	-	-	-	*	-	-	-
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table 7. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Benshangul-Gumuz Region														
	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	166285	171876	177040	6.47	3.00	1,698,970	2085802	2436659	43.42	16.82					
Cereals	113461	124182	130677	15.17	5.23	1,390,374	1770206	2042826	46.93	15.40					
Teff	12797	16654	14597	14.07	-12.35	116,926	133509	129485	10.74	-3.01	9.14	8.02	8.87	-2.95	10.60
Barley	975	1108	1217	*	9.83	8,060	11528	15939	*	38.26	8.27	10.41	13.1	*	25.84
Wheat	*	2048	1165	*	*	*	28936	*	*	*	*	14.13	*	*	*
Maize	27412	31721	32134	17.23	1.30	500,188	626628	666842	33.32	6.42	18.25	19.75	20.75	13.70	5.06
Sorghum	49862	52887	55909	12.13	5.71	511,593	723157	812477	58.81	12.35	10.26	13.67	14.53	41.62	6.29
Finger Millet	20230	19485	25025	23.70	28.43	231,653	242916	393418	69.83	61.96	11.45	12.47	15.72	37.29	26.06
Oats/Aja'	*	37	*	*	*	*	373	-	*	*	*	10.07	-	*	*
Rice	*	242	*	*	*	*	3158	*	*	*	*	13.03	*	*	*
Pulses	7233	6596	7269	0.49	10.20	53,031	50345	53940	1.71	7.14					
Faba Beans	452	611	387	-14.41	-36.72	3,131	6693	4311	37.68	-35.59	6.92	10.95	11.14	60.98	1.74
Field Peas	439	927	*	*	*	2,796	5832	*	*	*	6.36	6.29	*	*	*
Haricot beans	4937	3907	4437	-10.13	13.56	39,797	31914	38109	-4.24	19.41	8.06	8.17	8.59	6.58	5.14
Chick-Peas	463	485	83	-82.11	-82.91	2,155	2764	239	*	-91.35	4.65	5.7	2.89	*	-49.30
Lentils	82	39	*	*	*	156	238	*	*	*	1.90	6.14	*	*	*
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	805	624	1761	118.78	182.04	4,814	2902	8152	69.35	180.95	5.98	4.65	4.63	-22.58	-0.43
Fenugreek	*	2	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	1	*	*	*	*	2	*	*	*	*	1.89	*	*	*
Oilseeds	45590	41098	39094	-14.25	-4.88	255,565	265251	339893	33.00	28.14					
Neug	16647	13076	11396	-31.54	-12.84	66,895	73033	105787	58.14	44.85	4.02	5.59	9.28	130.85	66.01
Linseed	312	286	201	-35.66	-29.82	697	978	773	10.87	-98.69	2.23	3.42	3.85	72.65	12.57
Groundnut	5001	4186	4293	-14.15	2.55	55,787	58978	88706	59.01	50.40	11.16	14.09	20.66	85.13	46.63
Sufflower	151	137	54	-64.09	-60.51	*	314	158	*	*	*	2.28	2.91	*	*
Sesame	23291	23280	22906	-1.65	-1.61	130,382	131312	143170	9.81	9.03	5.60	5.64	6.25	11.61	10.82
Rapeseed	189	133	*	*	*	693	636	1300	87.59	104.27	3.68	4.8	*	*	*

Table 7. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Benshangul-Gumuz Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	8.07	149,042	205,037	10.25	1,947,046	2,926,273	
Cereals	8.32	109,354	151,999	9.82	1,649,479	2,436,173	
Teff	23.10	7,989	21,206	25.46	64,865	194,104	
Barley	41.28	232	2,201	45.39	1,758	30,119	
Wheat	*	*	*	*	*	*	
Maize	12.81	24,068	40,200	13.63	488,755	844,929	
Sorghum	9.13	45,907	65,910	10.97	637,712	987,242	
Finger Millet	22.83	13,826	36,223	25.85	194,105	592,731	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	13.01	5,415	9,123	16.79	36,193	71,686	
Faba Beans	45.16	44	729	47.24	319	8,302	
Field Peas	*	*	*	*	*	*	
Haricot beans	17.05	2,955	5,920	22.73	21,130	55,089	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	*	*	*	
Grass Peas	*	*	*	*	*	*	
Soya Beans	*	*	*	*	*	*	
Fenugreek	*	*	*	*	*	*	
Gibto	*	*	*	*	*	*	
Oilseeds	12.39	29,601	48,587	18.77	214,868	464,918	
Neug	25.11	5,788	17,005	37.95	27,106	184,468	
Linseed	41.73	37	365	48.46	39	1,507	
Groundnut	24.94	2,194	6,392	36.71	24,889	152,524	
Sufflower	*	*	*	*	*	*	
Sesame	14.33	16,470	29,341	16.20	97,703	188,636	
Rapeseed	*	*	*	*	*	*	

Table 7.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
	Metekel Zone														
Total Grains	63593	79410	86033	35.29	8.34	774,409	1031073	1331535	71.94	29.14					
Cereals	44086	58059	65033	47.51	12.01	610,220	840944	1085314	77.86	29.06					
Teff	2963	11268	8860	199.03	-21.36	94,082	106981	94947	0.92	-11.25	11.66	9.49	10.72	-8.06	12.96
Barley	*	1107	1215	*	*	8,060	11528	15939	97.75	38.26	8.35	10.41	13.12	*	26.03
Wheat	*	2036	1165	*	*	*	28884	*	*	*	*	14.18	*	*	*
Maize	12642	11606	13174	4.21	13.51	176,850	255237	314818	78.01	23.34	21.94	21.99	23.9	8.93	8.69
Sorghum	26689	14512	17499	-34.44	20.58	116,743	210520	265807	127.69	26.26	9.48	14.51	15.19	60.23	4.69
Finger Millet	1764	17264	22542	1177.88	30.57	192,652	224344	369137	91.61	64.54	11.35	13	16.38	44.32	26.00
Oats/Aja'	-	23	-	*	*	-	293	-	*	*	-	12.57	-	*	*
Rice	-	242	*	*	*	*	3158	*	*	*	*	13.03	*	*	*
Pulses	3434	3061	2825	-17.73	-7.70	24,807	27077	23091	-6.92	-14.72					
Faba Beans	-	608	384	*	*	3,131	6693	4311	37.68	-35.59	6.92	11.01	11.22	62.14	1.91
Field Peas	*	925	*	*	*	2,796	5832	*	*	*	6.41	6.3	*	*	*
Haricot beans	2491	1151	1384	*	20.23	16,941	11976	14084	-16.86	17.60	11.65	10.4	10.18	*	-2.12
Chick-Peas	*	268	-	*	*	*	2086	-	*	*	*	7.79	-	*	*
Lentils	-	39	*	*	*	156	238	*	*	*	1.90	6.14	*	*	*
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	742	67	*	*	*	-	249	*	*	*	-	3.7	*	*	*
Fenugreek	*	1	-	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	1	*	*	*	*	2	*	*	*	*	1.89	*	*	*
Oilseeds	16073	18291	18174	13.07	-0.64	139,381	163052	223129	60.09	36.85					
Neug	7045	6189	6221	-11.70	0.51	40,344	53203	81469	101.94	53.13	4.41	8.6	13.1	197.05	52.33
Linseed	183	171	*	*	*	*	759	*	*	*	*	4.45	*	*	*
Groundnut	599	3360	3638	507.30	8.25	52,389	53615	84322	60.95	57.27	11.99	15.96	23.18	93.33	45.24
Sufflower	*	108	*	*	*	*	242	*	*	*	*	2.24	*	*	*
Sesame	8179	8378	7943	-2.83	-5.19	44,774	54674	55602	24.18	22.11	8.03	6.53	7	-12.83	7.20
Rapeseed	*	85	*	*	*	480	558	*	*	16.26	3.91	6.58	*	*	*

Table 7.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Asosa Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	63,593	57611	57159	-10.12	-0.78	563,599	554412	562541	-0.19	1.47					
Cereals	44,086	40805	41836	-5.10	2.53	471,621	480071	483982	2.62	0.81					
Teff	2,963	3013	3026	2.11	0.41	8,481	9691	12104	42.72	24.90	2.86	3.22	4	39.86	24.22
Barley	*	*	2	*	*	-	*	-	-	-	-	*	-	-	-
Wheat	*	11	-	*	*	-	52	-	*	*	-	4.58	-	*	*
Maize	12,642	11531	11900	-5.87	3.20	201,193	185190	174809	-13.11	-5.61	15.91	16.06	14.69	-7.67	-8.53
Sorghum	26,689	24862	25357	-4.99	1.99	244,836	275070	284136	16.05	3.30	9.17	11.06	11.21	22.25	1.36
Finger Millet	1,764	1383	1537	-12.89	11.07	17,110	10067	12934	-24.41	28.48	9.70	7.28	8.42	-13.20	15.66
Oats/Aja'	-	5	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	15	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	3,434	2722	3201	-6.80	17.57	23,367	17030	16656	-28.72	-2.19					
Faba Beans	-	3	3	-	-	-	*	-	-	-	-	*	-	-	-
Field Peas	*	1	-	*	*	-	*	-	*	*	-	*	-	*	*
Haricot beans	2,491	1945	1817	-27.07	-6.62	18,040	13715	9879	-45.24	-27.97	7.24	7.05	5.44	-24.86	-22.84
Chick-Peas	*	217	83	*	*	*	678	239	*	*	*	3.13	2.89	*	*
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	742	555	1299	75.00	133.88	4,773	2637	6538	36.99	147.97	6.43	4.75	5.04	-21.62	6.11
Fenugreek	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	*	-	*	*	*	*	-	-	-	*	*	-	-	-
Oilseeds	16,073	14084	12122	-24.58	-13.93	68,612	57312	61903	-9.78	8.01					
Neug	7,045	6633	4750	-32.57	-28.38	24,758	18898	22681	-8.39	20.02	3.51	2.85	4.77	35.90	67.37
Linseed	183	111	46	-74.95	-58.82	262	219	95	-63.69	-56.51	1.43	1.96	2.08	45.45	6.12
Groundnut	599	798	620	3.55	-22.27	3,235	5178	4036	24.77	-22.05	5.40	6.49	6.51	20.56	0.31
Sufflower	*	29	48	*	*	*	71	128	*	*	*	2.46	2.68	*	*
Sesame	8,179	6471	6625	-18.99	2.39	40,205	32940	34692	-13.71	5.32	4.92	5.09	5.24	6.50	2.95
Rapeseed	*	42	33	*	*	-	6	270	*	*	-	0.15	8.28	*	*

Table 7.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Kemeshi Zone		TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
Major Crops	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/05				2004/05	2005/06
Total Grains	31,939	34855	33848	5.98	-2.89	360,962	500316	542583	50.32	8.45					
Cereals	20,859	25319	23808	14.14	-5.97	308,533	449190	473530	53.48	5.42					
Teff	1,766	2374	2712	53.54	14.23	14,364	16837	*	*	*	8.13	7.09	*	*	*
Barley	*	1	-	*	*	-	*	-	-	-	-	*	-	-	-
Wheat	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Maize	6,711	8584	7060	5.21	-17.75	122,146	186201	177215	45.08	-4.83	18.20	21.69	25.1	37.91	15.72
Sorghum	10,856	13513	13053	20.24	-3.41	150,014	237567	262535	75.01	10.51	13.82	17.58	20.11	45.51	14.39
Finger Millet	1,494	838	946	-36.65	12.91	21,890	8506	11347	-48.16	33.41	14.65	10.15	11.99	-18.16	18.13
Oats/Aja'	*	9	*	*	*	*	80	-	*	*	*	8.7	-	*	*
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Pulses	1,002	813	1243	24.05	52.97	4,857	6238	14192	192.20	127.51					
Faba Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Field Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Haricot beans	992	811	1236	24.64	52.51	4,816	6223	14146	193.73	127.34	4.86	7.68	11.44	135.39	48.96
Chick-Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	2	*	*	*	*	16	*	-	-	*	8.3	*	*	*
Fenugreek	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	16,078	8724	8797	-12.71	0.85	47,572	44888	54861	15.32	22.22					
Neug	458	254	425	-7.19	67.66	1,792	932	1636	-8.68	75.58	3.92	3.68	3.85	-1.79	4.62
Linseed	*	4	-	*	*	-	*	-	-	-	-	*	-	-	-
Groundnut	31	28	35	13.35	25.50	164	186	348	112.43	87.43	5.21	6.64	9.91	90.21	49.25
Sufflower	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	9,539	8432	8337	-12.60	-1.13	45,403	43698	52876	16.46	21.00	4.76	5.18	6.34	33.19	22.39
Rapeseed	*	6	-	*	*	*	72	-	-	-	*	12.4	-	-	-

Table 8. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

(S.N.N.P.R) Region

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	913,209	876693	938220	2.74	7.02	10,271,639	10359040	12286320	19.61	18.60					
Cereals	731,172	708276	778108	6.42	9.86	8,775,198	8977393	10839122	23.52	20.74					
Teff	210,055	193193	200612	-4.50	3.84	1,629,058	1454743	1609103	-1.22	10.61	7.76	7.53	8.02	3.35	6.51
Barley	84,936	81506	73807	-13.10	-9.45	989,347	909393	936105	-5.38	2.94	11.65	11.16	12.68	8.84	13.62
Wheat	131,485	119118	114262	-13.10	-4.08	1,962,844	1799321	1831070	-6.71	1.76	14.93	15.11	16.03	7.37	6.09
Maize	207,410	206397	273611	31.92	32.56	3,155,711	3740159	5179824	64.14	38.49	15.21	18.12	18.93	24.46	4.47
Sorghum	92,009	103150	109283	18.77	5.95	975,934	1027684	1212220	24.21	17.96	10.61	9.96	11.09	4.52	11.35
Finger Millet	4,767	4575	5899	23.74	28.93	57,442	43210	65183	13.48	50.85	12.05	9.44	11.05	-8.30	17.06
Oats/Aja'	506	315	404	-20.12	28.19	4,862	2575	2949	-39.34	14.52	9.62	8.17	7.3	-24.12	-10.65
Rice	*	22	231	*	*	-	308	*	*	*	-	14.25	*	*	*
Pulses	170,831	161547	153485	-10.15	-4.99	1,447,619	1349346	1418795	-1.99	5.15					
Faba Beans	60,260	60485	53044	-11.97	-12.30	576,751	562797	567037	-1.68	0.75	9.57	9.3	10.69	11.70	14.95
Field Peas	44,645	48058	37337	-16.37	-22.31	361,559	365090	326151	-9.79	-10.67	8.10	7.6	8.74	7.90	15.00
Haricot beans	59,188	44767	59174	-0.02	32.18	466,894	373781	506786	8.54	35.58	7.89	8.35	8.56	8.49	2.51
Chick-Peas	3,925	5230	831	-78.82	-84.11	28,006	29812	3832	-86.32	-87.15	7.13	5.7	4.61	-35.34	-19.12
Lentils	1,341	968	2127	58.64	119.70	5,138	3431	9211	79.26	168.42	3.83	3.54	4.33	13.05	22.32
Grass Peas	*	1810	*	*	*	*	13892	*	*	*	*	7.68	*	*	*
Soya Beans	48	40	80	66.27	97.70	-	144	*	*	*	-	3.56	*	*	*
Fenugreek	598	190	284	-52.43	49.81	2,042	399	1219	-40.28	205.65	3.41	2.1	4.29		104.29
Gibto	*	*	*	*	*	*	*	-	-	-	*	*	-	-	-
Oilseeds	11,206	6869	6626	-40.87	-3.53	48,822	32300	28403	-41.82	-12.07					
Neug	*	2792	*	*	*	*	11113	*	*	*	*	3.98	*	*	*
Linseed	4,181	2770	1998	-52.21	-27.86	17,970	14727	10130	-43.63	-31.22	4.30	5.32	5.07	17.91	-4.70
Groundnut	1,192	195	844	-29.16	332.47	1,263	726	4272	238.25	488.28	1.06	3.72	5.06	377.36	36.02
Sunflower	467	395	158	-66.15	-59.98	4,882	3199	1031	-78.87	-67.75	10.46	8.1	6.53	*	-19.38
Sesame	*	182	971	*	*	*	383	*	*	*	*	2.1	*	*	*
Rapeseed	1,008	535	437	-56.64	-18.34	3,179	2152	*	*	*	3.15	4.02	*	*	*

Table .8. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

SNNP Region				Contd			
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	4.04	863,980	1,012,460	5.13	11,050,842	13,521,797	
Cereals	4.22	713,692	842,525	5.40	9,692,056	11,986,188	
Teff	7.61	170,680	230,543	8.56	1,339,137	1,879,068	
Barley	10.75	58,261	89,353	12.98	697,917	1,174,293	
Wheat	8.21	95,869	132,655	9.86	1,477,327	2,184,812	
Maize	7.99	230,772	316,450	9.44	4,221,091	6,138,557	
Sorghum	6.93	94,432	124,134	8.43	1,011,841	1,412,599	
Finger Millet	19.59	3,634	8,163	21.97	37,112	93,254	
Oats/'Aja'	28.38	179	629	33.89	991	4,908	
Rice	*	*	*	*	*	*	
Pulses	6.17	134,914	172,057	7.49	1,210,374	1,627,216	
Faba Beans	8.46	44,251	61,838	10.31	452,409	681,665	
Field Peas	9.71	30,229	44,445	12.03	249,275	403,027	
Haricot beans	11.00	46,412	71,936	12.40	383,602	629,970	
Chick-Peas	26.12	406	1,257	28.38	1,700	5,964	
Lentils	22.87	1,174	3,081	25.90	4,535	13,886	
Grass Peas	*	*	*	*	*	*	
Soya Beans	47.97	5	155	66.97	-6	41	
Fenugreek	27.26	132	436	45.63	129	2,310	
Gibto	*	*	*	*	*	*	
Oilseeds	21.76	3,800	9,452	24.41	14,815	41,990	
Neug	*	*	*	*	*	*	
Linseed	26.10	976	3,020	28.13	4,544	15,715	
Groundnut	39.16	196	1,493	44.98	506	8,039	
Sufflower	41.43	30	286	50.64	8	2,055	
Sesame	37.06	266	1,677	47.19	9	237	
Rapeseed	24.03	231	643	62.44	-651	6,468	

Table 8.1 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES		TOTAL PROD. IN QUINTALS								Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	85,538	87601	89621	4.77	2.31	1,321,609	1188169	1300132	-1.63	9.42					
Cereals	69,828	74419	79977	14.53	7.47	1,140,137	1061939	1201948	5.42	13.18					
Teff	26,636	27670	35235	32.28	27.34	260,084	214299	288180	10.80	*	9.76	7.74	8.18	-16.19	5.68
Barley	12,855	13159	12278	-4.49	-6.70	251,744	220024	219668	-12.74	-0.16	19.58	16.72	17.89	-8.63	7.00
Wheat	17,412	12533	10427	-40.12	-16.81	362,832	218928	202054	-44.31	-7.71	20.84	17.47	19.38	-7.01	10.93
Maize	10,550	15447	15763	49.41	2.04	228,940	343842	415221	81.37	20.76	21.70	22.26	26.34	21.38	18.33
Sorghum	2,276	5500	5916	159.95	7.56	34,820	63685	75750	*	*	15.30	11.58	12.8	*	*
Finger Millet	-	2	*	-	-	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	*	109	*	*	*	*	1162	*	*	*	*	10.69	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	11,100	10390	7395	-33.38	-28.83	158,745	115145	88174	-44.46	-23.42					
Faba Beans	3,964	3859	2566	-35.26	-33.49	67,685	47047	37786	-44.17	-19.69	17.07	12.19	14.72	-13.77	20.75
Field Peas	3,274	3040	2457	-24.94	-19.15	58,220	42873	30879	-46.96	-27.98	17.78	14.1	12.57	-29.30	-10.85
Haricot beans	2,165	764	1407	-35.01	84.18	18,998	5986	13735	*	129.47	8.77	7.83	9.76	*	24.65
Chick-Peas	*	1462	-	*	*	*	11184	-	*	*	*	7.65	-	*	*
Lentils	*	112	*	*	*	*	133	*	*	*	*	1.18	*	*	*
Grass Peas	*	1137	*	*	*	*	7923	*	*	*	*	6.97	*	*	*
Soya Beans	-	0	*	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	16	-	*	*	*	*	-	-	-	*	*	-	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	2792	*	*	*	*	11085	*	*	*					
Neug	*	2707	*	*	*	*	10903	*	*	*	*	4.03	*	*	*
Linseed	*	57	*	*	*	*	172	*	*	*	*	3.05	*	*	*
Groundnut	*	10	*	*	*	-	*	-	-	-	-	*	-	-	-
Sunflower	*	0	*	*	*	*	*	-	*	*	*	*	-	*	*
Sesame	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	17	*	*	*	*	9	*	*	*	*	0.54	*	*	*

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Table 8.2 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Hadiya Zone		TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
Major Crops	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains	108,137	111807	120953	11.85	8.18	1,455,126	1567712	1667002	14.56	6.33						
Cereals	96,111	98828	111235	15.74	12.55	1,334,242	1440615	1554776	16.53	7.92						
Teff	28,247	29086	37888	34.13	30.26	274,094	240549	313749	14.47	30.43	9.70	8.27	8.28	-14.64	0.12	
Barley	2,782	4423	5247	88.61	18.64	22,807	51103	56077	145.87	9.73	8.20	11.55	10.69	30.37	-7.45	
Wheat	31,481	35959	33108	5.17	-7.93	511,752	663197	571330	11.64	-13.85	16.26	18.44	17.26	6.15	-6.40	
Maize	23,474	20714	26379	12.38	27.35	408,761	375475	504682	23.47	34.41	17.41	18.13	19.13	9.88	5.52	
Sorghum	9,771	8071	7823	-19.94	-3.08	112,965	106924	102805	-8.99	-3.85	11.56	13.25	13.14	13.67	-0.83	
Finger Millet	*	531	*	*	*	*	3127	*	*	*	*	5.88	*	*	*	
Oats/Aja'	-	44	*	-	-	-	241	*	-	-	-	5.49	*	-	-	
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Pulses	9,479	11051	9021	-4.83	-18.37	110,510	114191	106520	-3.61	-6.72						
Faba Beans	5,355	5531	4010	-25.12	-27.50	64,040	67717	55182	-13.83	-18.51	11.96	12.24	13.76	15.05	12.42	
Field Peas	1,959	3724	2271	15.93	-39.03	20,544	27619	21633	5.30	-21.67	10.49	7.42	9.53	-9.15	28.44	
Haricot beans	1,755	1626	2627	49.66	61.58	*	17900	*	*	*	*	11.01	*	*	*	
Chick-Peas	*	25	-	*	*	-	217	-	-	-	-	8.81	-	-	-	
Lentils	*	122	*	*	*	*	738	*	*	*	*	6.05	*	*	*	
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Soya Beans	-	9	-	-	-	-	*	-	-	-	-	*	-	-	-	
Fenugreek	*	14	*	*	*	*	*	-	-	-	*	*	-	-	-	
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	2,548	1929	697	-72.63	-63.84	10,374	12906	5706	-45.00	-55.79						
Neug	-	0	-	-	-	-	*	-	-	-	-	*	-	-	-	
Linseed	*	1502	*	*	*	10,258	10919	*	*	*	*	7.27	*	*	*	
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Sufflower	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Sesame	-	6	-	-	-	-	34	-	-	-	-	5.6	-	-	-	
Rapeseed	385	420	189	*	-54.96	116	1954	*	*	*	0.30	4.65	*	*	*	

Table 8.3 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Kembata Tembaro Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	30,804	26835	27363	-11.17	1.97	363,112	339637	339963	-6.38	0.10					
Cereals	25,347	22813	23696	-6.51	3.87	323,973	304143	306709	-5.33	0.84					
Teff	7,555	7102	7649	1.25	7.72	59,598	50504	48836	-18.06	-3.30	7.89	7.11	6.38	-19.14	-10.27
Barley	1,155	1280	899	-22.16	-29.77	15,346	15566	11255	-26.66	-27.69	13.29	12.16	12.52	-5.79	2.96
Wheat	12,234	9720	9222	-24.62	-5.13	200,553	173981	173335	-13.57	-0.37	16.39	17.9	18.8	14.70	5.03
Maize	*	2473	*	*	*	*	46209	*	*	*	*	18.68	*	*	*
Sorghum	1,811	2130	2305	27.30	8.24	14,722	17243	19656	33.51	13.99	8.13	8.1	8.53	4.92	5.31
Finger Millet	111	105	161	44.87	53.25	924	638	*	*	*	8.36	6.08	*	*	*
Oats/Aja'	13	2	*	*	*	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	4,805	3906	3444	-28.31	-11.82	35,847	35009	32476	-9.40	-7.24					
Faba Beans	2,941	2371	1773	-39.71	-25.21	24,276	22825	18442	-24.03	-19.20	8.25	9.63	10.4	26.06	8.00
Field Peas	780	769	466	-40.20	-39.36	6,883	5311	3951	-42.59	-25.60	8.82	6.9	8.47	-3.97	22.75
Haricot beans	1,040	746	1185	13.98	58.82	*	6847	*	*	*	*	9.17	*	*	*
Chick-Peas	*	19	*	*	*	*	25	*	-	-	*	1.3	*	-	-
Lentils	*	*	*	*	*	-	*	-	*	*	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	*	-	*	*	-	*	-	-	-
Gibto	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	116	*	*	*	*	485	*	*	*					
Neug	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	106	*	*	*	*	484	*	*	*	*	4.54	*	*	*
Groundnut	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	10	*	*	*	-	2	*	*	*	-	0.18	*	-	-

Table 8.4 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	70,677	85175	85241	20.61	0.08	1,012,488	1264706	1365194	34.84	7.95					
Cereals	51,133	63669	64730	26.59	1.67	830,857	1070379	1179249	41.93	10.17					
Teff	3,032	4999	2114	-30.27	-57.71	14,712	30732	17152	16.59	-44.19	4.85	6.15	8.11	67.22	31.87
Barley	10,487	12936	11882	13.30	-8.15	119,039	125703	117883	-0.97	-6.22	11.35	9.72	9.92	-12.60	2.06
Wheat	6,075	5436	7129	17.35	31.15	87,380	66005	*	*	*	14.38	12.14	*	*	*
Maize	31,316	40047	43325	38.35	8.19	609,725	846513	935371	53.41	10.50	19.47	21.14	21.59	10.89	2.13
Sorghum	169	205	*	*	*	-	1240	*	*	*	-	6.05	*	*	*
Finger Millet	*	32	*	*	*	-	181	*	-	-	-	5.68	*	-	-
Oats/Aja'	*	13	*	*	*	-	6	-	-	-	-	0.49	-	-	-
Rice	-	2	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	19,349	21457	20128	4.03	-6.19	181,631	194159	183953	1.28	-5.26					
Faba Beans	2,963	4524	3995	34.82	-11.70	34,614	43283	45228	*	4.49	11.68	9.57	11.32	*	18.29
Field Peas	*	3171	*	*	*	*	18744	*	*	*	*	5.91	*	*	*
Haricot beans	14,098	13738	15146	7.44	10.25	126,294	132077	127489	0.95	-3.47	8.96	9.61	8.42	-6.03	-12.38
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	*	10	-	*	*	*	56	-	-	-	*	5.8	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	16	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	49	*	*	*	-	168	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	45	*	*	*	-	162	*	*	*	-	3.59	*	-	-
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	0	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	3	-	*	*	-	6	-	-	-	-	1.9	-	-	-

Table 8.5 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES		TOTAL PROD. IN QUINTALS								Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	15,674	13833	14305	-8.74	3.41	244,374	195071	246730	0.96	26.48					
Cereals	13,580	10826	10602	-21.93	-2.07	226,194	171096	210753	-6.83	23.18					
Teff	*	38	-	*	*	-	57	-	-	-	-	1.5	-	-	-
Barley	3,456	4127	3652	5.67	-11.51	47,909	45299	50237	4.86	10.90	13.86	10.98	13.76	-0.72	25.32
Wheat	*	283	*	*	*	*	2591	*	*	*	*	9.16	*	*	*
Maize	9,731	6362	6819	-29.92	7.19	173,615	123069	158957	-8.44	29.16	17.84	19.35	23.31	30.66	20.47
Sorghum	*	13	*	*	*	-	80	*	*	*	-	6.2	*	*	*
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	3	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	2,070	2986	3678	-77.68	23.17	18,178	23954	35977	97.91	50.19					
Faba Beans	1,167	1930	2722	133.26	41.03	11,976	17860	27079	126.11	51.62	10.26	9.25	9.95	-3.02	7.57
Field Peas	657	735	*	*	*	*	5299	*	*	*	*	7.21	*	*	*
Haricot beans	245	312	375	53.13	20.14	1,217	787	*	*	*	4.97	2.52	*	*	*
Chick-Peas	*	9	-	-	-	-	8	-	-	-	-	0.9	-	-	-
Lentils	-	0	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	23	21	*	*	*	*	21	-	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	6	-	*	*	*	21	-	*	*	*	3.84	-	*	*
Groundnut	*	15	-	*	*	-	*	-	-	-	-	*	-	-	-
Sunflower	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	1	*	*	*	-	*	-	-	-	-	*	-	-	-

Table 8.6 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops		TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
					2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
		Wolayita Zone														
Total Grains	72,624	51975	66671	-8.20	28.27	653,527	585580	736623	12.72	25.79						
Cereals	56,475	40560	51647	-8.55	27.34	545,299	506050	619143	13.54	22.35						
Teff	25,049	18295	17224	-31.24	-5.85	139,913	154308	153226	9.52	-0.70	5.59	8.43	8.9	59.21	5.58	
Barley	1,331	637	496	-62.77	-22.26	11,136	4879	4076	-63.40	-16.46	8.36	7.65	8.22	-1.67	7.45	
Wheat	5,418	4965	3614	-33.29	-27.20	86,782	69422	66297	-23.61	-4.50	16.02	13.98	18.34	14.48	31.19	
Maize	22,070	13408	27207	23.28	102.91	288,686	253649	372563	29.05	46.88	13.08	18.92	13.69	4.66	-27.64	
Sorghum	2,606	3244	3030	16.25	-6.60	18,783	23793	22982	22.36	-3.41	7.21	7.34	7.59	5.27	3.41	
Finger Millet	-	6	76	-	-	-	*	-	-	-	-	*	-	-	-	
Oats/Aja'	-	4	-	-	-	-	*	-	-	-	-	*	-	-	-	
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Pulses	16,138	11348	14855	-7.95	30.90	108,228	79484	117477	8.55	47.80						
Faba Beans	1,750	1658	1244	-28.93	-25.00	13,857	13254	11901	-14.12	-10.21	7.92	7.99	9.57	20.83	19.77	
Field Peas	2,540	2169	1815	-28.54	-16.30	14,314	14690	14281	-0.23	-2.78	5.64	6.77	7.87	39.54	16.25	
Haricot beans	11,209	6362	11532	2.88	81.27	76,154	47178	90624	19.00	92.09	6.79	7.42	7.86	15.76	5.93	
Chick-Peas	635	1154	146	*	-87.31	3,903	4350	347	*	-92.01	6.14	3.77	2.37	*	-37.14	
Lentils	*	4	61	*	*	-	12	324	*	*	-	3.05	5.34	*	*	
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Soya Beans	-	1	57	-	-	-	*	-	-	-	-	*	-	-	-	
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	11	68	169	*	148.50	-	46	4	*	*	-					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Linseed	10	11	3	*	-76.50	-	*	-	*	*	-					
Groundnut	*	9	8	*	*	-	4	4	-	-	-	0.5	0.44	-	-	
Sufflower	*	22	4	*	*	-	42	-	*	*	-	1.88	-	-	-	
Sesame	-	26	135	-	-	-	*	-	-	-	-	*	-	-	-	
Rapeseed	-	*	18	-	-	-	*	-	-	-	-	*	-	-	-	

Table 8.7 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

South Omo Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	36,443	33526	34533	-5.24	3.00	412,360	279971	342052	-17.05	22.17					
Cereals	29,886	27498	28523	-4.56	3.73	334,145	236481	302650	-9.43	27.98					
Teff	5,673	2095	2703	-52.35	29.05	28,840	15950	17842	-38.14	11.86	5.08	7.61	6.6	29.92	-13.27
Barley	4,167	4390	*	*	*	39,004	31755	*	*	*	9.36	7.23	*	*	*
Wheat	*	1340	1319	*	*	*	15561	21027	*	*	*	11.61	15.95	*	*
Maize	10,262	9578	11737	14.37	22.54	193,437	94279	158359	-18.13	67.97	18.85	9.84	13.49	-28.44	37.09
Sorghum	8,160	10060	10581	29.67	5.18	53,633	78848	86282	60.87	9.43	6.57	7.84	8.15	24.05	3.95
Finger Millet	*	25	*	*	*	-	51	*	*	*	-	2.07	*	*	*
Oats/Aja'	*	10	-	*	*	-	39	-	-	-	-	3.9	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	6,084	5520	5217	-14.24	-5.48	72,202	40179	38150	-47.16	-5.05					
Faba Beans	1,965	2045	1625	-17.31	-20.53	20,540	19994	19582	-4.66	-2.06	10.45	9.78	12.05	15.31	23.21
Field Peas	1,434	1368	1161	*	-15.12	9,629	10108	7624	-20.82	-24.57	6.71	7.39	6.57	*	-11.10
Haricot beans	2,662	2106	2406	-9.63	14.21	41,908	10076	10943	-73.89	8.61	15.74	4.78	4.55	-71.09	-4.81
Chick-Peas	-	1	*	-	-	-	2	-	-	-	-	1.4	-	-	-
Lentils	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	474	509	792	67.19	55.71	6,012	3310	1252	*	-62.17					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	65	*	*	*	*	241	*	*	*	*	3.72	*	*	*
Groundnut	*	53	*	*	*	534	44	*	*	*	*	0.83	*	*	*
Sufflower	277	334	*	*	*	4,766	2953	*	*	*	17.17	8.85	*	*	*
Sesame	*	57	*	*	*	-	72	*	*	*	-	1.25	*	*	*
Rapeseed	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-

** The 2006/07 Estimates include Resettlement Areas ("Sefera")

Table 8.8 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	TOTAL AREA IN HECTARES		TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)							
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	10,303	10605	13215	28.27	24.62	171094	149626	222845	30.25	48.93					
Cereals	7,474	7979	10468	40.07	31.21	155224	133514	204754	31.91	53.36					
Teff	726	179	*	*	*	4953	2475	*	*	*	6.82	6.52	*	*	*
Barley	137	200	*	*	*	815	1518	*	*	*	5.94	7.58	*	*	*
Wheat	*	61	*	*	*	*	1018	*	*	*	*	6.31	*	*	*
Maize	1,475	1870	2993	102.93	60.09	30365	39605	57663	89.90	45.60	20.59	21.18	19.26	-6.46	-9.07
Sorghum	4,835	5313	6687	38.31	25.88	115581	88096	136831	18.39	55.32	23.90	16.58	20.46	-14.39	23.40
Finger Millet	144	48	*	*	*	2375	653	*	*	*	16.50	13.74	*	*	*
Oats/Aja'	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Rice	*	7	*	*	*	-	149	*	-	-	-	20.01	*	-	-
Pulses	2,774	2622	2742	-1.15	4.59	15679	16109	18090	15.38	12.30					
Faba Beans	864	1026	*	*	*	4791	6131	*	*	*	5.54	5.98	*	*	*
Field Peas	1,655	1424	1943	17.40	36.45	7866	7762	12283	56.15	58.24	4.75	5.45	6.32	33.05	15.96
Haricot beans	253	71	175	-30.92	1.97	3022	2216	2050	*	*	11.92	12.93	11.73	*	*
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Gibto	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oilseeds	55	4	*	*	*	*	3	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	0	-	*	*	-	*	-	*	*	-	*	-	*	*
Groundnut	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	*	1	-	*	*	*	1	-	*	*	*	0.5	-	*	*
Rapeseed	23	3	*	*	*	*	2	*	*	*	*	*	*	*	*

Table 8.9 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops
for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Kaffa		Zone		FAO		74		135		Yield(Qts/Ha)				
	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS									
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
			2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains	106,580	106748	119335	11.97	11.79	1,097,567	1200802	1591844	45.03	32.57					
Cereals	70,062	70949	82221	17.35	15.89	841,718	916617	1249546	48.45	36.32					
Teff	22,996	25664	23683	2.99	-7.72	187,403	213288	223883	19.47	4.97	8.15	8.31	9.33	14.48	12.27
Barley	11,533	11385	8572	-25.68	-24.71	85,161	119053	113376	33.13	-4.77	7.38	10.46	13.19	78.73	26.10
Wheat	9,224	9043	10399	12.74	15.00	96,170	109236	151445	*	*	10.43	12.08	14.48	*	*
Maize	12,244	13031	23669	93.31	81.64	289,111	308081	520074	79.89	68.81	23.61	23.64	21.88	-7.33	-7.45
Sorghum	12,492	11036	14942	19.61	35.39	161,064	156634	228755	42.03	46.04	12.89	14.19	15.23	18.15	7.33
Finger Millet	*	765	*	*	*	*	10110	*	*	*	*	13.22	*	*	*
Oats'Aja'	*	25	*	*	*	*	215	*	*	*	*	8.68	*	*	*
Rice	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	36,421	35631	36863	1.21	3.46	255,822	283586	341267	33.40	20.34					
Faba Beans	18,344	18717	18637	1.60	-0.42	138,734	157554	181496	30.82	15.20	7.56	8.42	9.49	25.53	12.71
Field Peas	12,852	13630	13986	8.83	2.61	91,899	102208	124426	35.39	21.74	7.15	7.5	8.68	21.40	15.73
Haricot beans	5,211	3274	4235	-18.72	29.37	25,189	23821	35345	40.32	48.38	4.83	7.28	8.27	71.22	13.60
Chick-Peas	-	0	-	-	-	-	2	-	-	-	-	6.56	-	-	-
Lentils	*	0	-	-	-	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	4	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	6	*	-	-	-	1	-	-	-	-	0.19	-	-	-
Fenugreek	*	0	*	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	96	168	252	162.09	50.13	*	598	1030	*	*					
Neug	*	2	*	-	-	*	9	-	-	-	*	3.81	-	-	-
Linseed	72	105	183	154.74	74.83	-	327	954	*	*	-	3.12	5.17	*	*
Groundnut	*	17	*	*	*	*	97	*	-	-	*	5.83	*	-	-
Sufflower	*	3	*	*	*	-	*	-	-	-	-	*	-	-	-
Sesame	-	39	*	-	-	-	164	*	-	-	-	4.25	*	-	-
Rapeseed	*	2	*	*	*	-	0	-	*	*	-	0.14	-	*	*

Table 8.10 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Gamo Gofa Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	112,426	97031	101660	-9.58	4.77	882,753	889934	992501	12.43	11.53					
Cereals	92,780	82455	86945	-6.29	5.45	747,728	774090	865679	15.77	11.83					
Teff	31,418	25731	20886	-33.52	-18.83	210,674	182149	146635	-30.40	-19.50	6.71	7.08	7.02	4.62	-0.85
Barley	21,935	16785	17699	-19.31	5.45	222,962	169707	217235	-2.57	28.01	10.16	10.11	12.27	20.77	21.36
Wheat	15,965	12751	11459	-28.23	-10.14	184,447	134791	112355	-39.09	-16.65	11.55	10.57	9.81	-15.06	-7.19
Maize	13,328	16989	26023	95.25	53.18	48,379	215988	312940	546.85	44.89	3.63	12.71	12.03	231.40	-5.35
Sorghum	10,044	10180	10850	8.02	6.58	80,702	71448	76514	-5.19	7.09	8.03	7.02	7.05	-12.20	0.43
Finger Millet	*	19	26	*	*	*	6	-	-	-	*	0.35	-	-	-
Oats/Aja'	*	1	-	*	*	-	*	-	*	*	-	*	-	*	*
Rice	-	*	2	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	18,713	14356	13938	-25.52	-2.91	134,941	115277	122756	-9.03	6.49					
Faba Beans	6,656	5288	3610	-45.77	-31.74	65,517	47850	39008	-40.46	-18.48	9.84	9.05	10.81	9.86	19.45
Field Peas	5,294	4175	3638	-31.27	-12.86	36,157	30277	26851	-25.74	-11.32	6.83	7.25	7.38	8.05	1.79
Haricot beans	6,381	4409	6208	-2.71	40.80	31,644	34831	53074	67.72	52.38	4.96	7.9	8.55	72.38	8.23
Chick-Peas	*	308	133	*	*	*	1459	759	*	*	*	4.73	5.71	*	*
Lentils	*	140	267	*	*	*	680	2262	*	*	*	4.86	8.46	*	*
Grass Peas	-	1	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	2	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	35	79	*	*	*	180	802	*	*	*	5.19	10.14	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	221	777	*	*	85	567	4065	4682.58	617.50					
Neug	-	6	-	-	-	-	16	-	-	-	-	2.6	-	-	-
Linseed	76	145	50	*	-65.37	46	242	277	*	14.47	0.60	1.67	5.51	*	229.94
Groundnut	*	61	580	*	*	-	307	3788	*	*	-	5.04	6.53	*	*
Sufflower	*	7	*	*	*	*	0	-	*	*	*	0.03	-	-	-
Sesame	*	2	145	*	*	-	1	-	-	-	-	0.78	-	-	-
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table 8.11 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Bench-Maji Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	**Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	29,538	29275	38573	30.59	31.76	241,967	371346	649987	168.63	75.04					
Cereals	22,434	22216	33650	49.99	51.47	191,460	314956	600868	213.83	90.78					
Teff	6,959	5760	6562	-5.70	13.92	46,341	46535	61321	32.33	31.78	6.66	8.08	9.34	40.24	15.59
Barley	1,516	1093	774	-48.96	-29.22	10,905	9999	5413	-50.36	-45.86	7.19	9.15	7	-2.64	-23.50
Wheat	*	293	299	*	*	*	1080	1568	*	*	*	3.69	5.24	*	*
Maize	8,198	9789	17712	116.35	80.93	69,902	188789	414236	492.59	119.42	8.53	19.29	23.39	174.21	21.25
Sorghum	5,428	5221	7913	45.78	51.57	62,706	67497	112488	79.39	66.66	11.55	12.93	14.22	23.12	9.98
Finger Millet	*	47	272	*	*	-	898	5842	*	*	-	19.28	21.46	*	*
Oats/Aja'	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Rice	-	13	117	-	-	-	159	-	-	-	-	12.64	-	-	-
Pulses	7,028	6992	4773	-32.08	-31.74	50,295	56274	49102	-2.37	-12.74					
Faba Beans	2,403	2531	1743	-27.47	-31.15	20,514	18954	19550	-4.70	3.14	8.54	7.49	11.22	31.38	49.80
Field Peas	2,745	2995	1551	-43.50	-48.22	18,555	22611	14526	-21.71	-35.76	6.76	7.55	9.37	38.61	24.11
Haricot beans	1,879	1461	1479	-21.28	1.27	11,227	14709	15025	33.83	2.15	5.98	10.07	10.16	69.90	0.89
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	-	4	-	-	-	-	*	-	-	-	-	*	-	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	1	*	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	-	0	-	-	-	-	*	-	-	-	-	*	-	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	76	67	151	*	*	212	116	17	*	-85.66					
Neug	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Linseed	*	18	-	*	*	*	8	-	-	-	*	0.46	-	-	-
Groundnut	*	3	138	*	*	-	14	-	-	-	-	4.99	-	-	-
Sufflower	-	1	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	33	*	*	*	-	73	-	*	*	-	2.24	-	*	*
Rapeseed	*	13	10	*	*	*	20	17	*	*	*	1.6	1.73	*	*

Table 8.12 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Yem Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	13,611	15312	14575	7.08	-4.81	134,946	158523	155159	14.98	-2.12					
Cereals	10,909	12552	12483	14.42	-0.55	109,377	140486	139915	27.92	-0.41					
Teff	3,916	4918	5125	30.89	4.21	27,550	41017	41696	51.35	1.65	7.04	8.34	8.14	15.63	-2.40
Barley	986	911	972	-1.46	6.65	9,485	7288	7815	-17.61	7.23	9.62	8	8.04	-16.42	0.50
Wheat	3,375	3716	3269	-3.13	-12.03	38,193	43956	39120	2.43	-11.00	11.32	11.83	11.97	5.74	1.18
Maize	1,601	2025	2262	41.30	11.69	22,288	39391	42813	92.09	8.69	13.92	19.45	18.93	35.99	-2.67
Sorghum	1,008	964	833	-17.36	-13.57	11,708	8702	8267	-29.39	-4.99	11.62	9.03	9.92	-14.63	9.86
Finger Millet	12	2	-	*	*	85	2	-	*	*	6.94	0.8	-	*	*
Oats/'Aja'	12	15	*	*	*	67	131	*	*	*	5.73	8.68	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	2,531	2501	2035	-19.60	-18.63	25,046	17282	15076	-39.81	-12.77					
Faba Beans	1,434	1242	1143	-20.30	-7.98	15,856	9353	9117	-42.50	-2.52	11.05	7.53	7.98	-27.78	5.98
Field Peas	979	1166	789	-19.38	-32.33	8,340	7407	5161	-38.12	-30.32	8.52	6.35	6.54	-23.24	2.99
Haricot beans	27	12	*	*	*	320	173	*	*	*	11.77	13.88	*	*	*
Chick-Peas	*	15	-	*	*	-	91	-	*	*	-	5.87	-	*	*
Lentils	81	58	74	-8.22	28.17	498	232	383	-23.02	65.38	6.14	4	5.16	-15.96	29.00
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	6	6	5	-20.33	-24.37	32	27	16	-48.94	-39.55	5.21	4.28	3.42	-34.36	-20.09
Gibto	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	171	260	58	-66.37	-77.85	524	755	169	-67.81	-77.65					
Neug	*	44	*	*	*	-	95	*	*	*	-	2.18	*	*	*
Linseed	137	206	39	-71.32	-80.89	459	643	125	-72.73	-80.52	3.34	3.12	3.19	-4.49	2.24
Groundnut	*	*	-	-	-	*	*	-	-	-	*	*	-	-	-
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	9	10	8	-16.00	-27.86	25	17	15	*	*	2.70	1.65	2.03	*	*

Table 8.13 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Amaro Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	8,112	8828	5984	-26.23	-32.22	80,407	51153	34783	-56.74	-32.00					
Cereals	6,482	6875	4846	-25.23	-29.50	69,757	42033	28539	-59.09	-32.10					
Teff	2,890	3387	1786	-38.19	-47.26	35,621	19920	8538	-76.53	-57.14	12.33	5.88	4.78	-51.23	-18.71
Barley	1,180	874	933	-20.94	6.80	9,508	4841	7288	-23.25	50.53	8.06	5.54	7.81	-3.10	40.97
Wheat	1,490	1024	642	-56.91	-37.33	12,186	5181	4163	-65.84	-19.65	8.18	5.06	6.49	-20.66	28.26
Maize	*	1347	1176	*	*	*	10859	7461	*	-31.29	*	8.06	6.35	*	*
Sorghum	*	219	310	*	*	*	1232	1089	*	*	*	5.63	3.52	*	*
Finger Millet	-	24	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	1,625	1914	1137	-30.03	-40.60	10,644	9029	6244	-41.34	-30.85					
Faba Beans	323	270	294	-8.95	9.12	1,631	1345	1908	17.00	41.88	5.06	4.99	6.49	28.26	30.06
Field Peas	542	443	362	-33.17	-18.32	2,593	1749	2189	-15.58	25.17	4.78	3.94	6.04	26.36	53.30
Haricot beans	253	711	285	12.66	-59.90	2,553	3810	1188	-53.45	-68.80	10.11	5.36	4.17	-58.75	-22.20
Chick-Peas	*	395	*	*	*	*	1775	*	-	-	*	4.49	*	*	*
Lentils	100	76	146	*	*	372	281	659	77.26	134.78	3.72	3.71	4.53	21.77	22.10
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	5	*	-	-	-	34	*	-	-	-	6.9	*	-	-
Fenugreek	*	15	*	-	-	-	36	*	-	-	-	2.4	*	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	5	39	*	*	*	*	90	-	-	-					
Neug	*	30	-	*	*	*	90	-	-	-	*	3	-	-	-
Linseed	*	2	-	*	*	-	*	-	-	-	-	*	-	-	-
Groundnut	*	1	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	-	5	*	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	2	-	*	*	-	*	-	-	-	-	*	-	-	-
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table 8.14 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Burji Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	5,741	6510	4326	-24.64	-33.55	78,896	28644	18899	-76.05	-34.02					
Cereals	4,178	3866	2600	-37.76	-32.74	58,954	18425	11822	-79.95	-35.84					
Teff	1,555	1368	729	-53.14	-46.72	22,762	7060	2527	-88.90	-64.20	14.64	5.16	3.47	-76.30	-32.75
Barley	307	309	89	-71.13	-71.35	4,698	1029	312	-93.36	-69.69	15.31	3.32	3.52	-77.01	6.02
Wheat	549	472	235	-57.25	-50.26	5,641	1581	770	-86.35	-51.29	10.27	3.35	3.28	-68.06	-2.09
Maize	885	1129	894	1.07	-20.78	15,765	6476	5983	-62.05	-7.61	17.81	5.74	6.69	-62.44	16.55
Sorghum	880	588	654	-25.70	11.15	10,070	2280	2230	-77.86	-2.21	11.45	3.88	3.41	-70.22	-12.11
Finger Millet	*	*	-	*	*	*	*	-	-	-	*	*	-	-	-
Oats/Aja'	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	1,558	2634	1722	10.51	-34.64	19,931	10209	7075	-64.50	-30.70					
Faba Beans	9	19	20	125.33	5.46	116	78	95	-18.13	21.01	12.68	4.08	4.68	-63.09	14.71
Field Peas	38	67	*	*	*	529	240	*	*	*	13.90	3.58	*	*	*
Haricot beans	1,013	1736	1403	38.52	-19.15	14,938	6897	5987	-59.92	-13.19	14.74	3.97	4.27	-71.03	7.56
Chick-Peas	437	742	117	-73.12	-84.17	4,026	2837	411	-89.79	-85.51	9.21	3.82	3.5	-62.00	-8.38
Lentils	28	37	94	237.00	152.91	105	108	*	*	*	3.73	2.89	*	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	29	33	*	*	*	217	48	*	*	*	7.40	1.47	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	5	10	*	*	*	*	10	*	*	*					
Neuz	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	5	8	*	*	*	3	9	*	*	*	0.56	1.18	*	*	*
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	*	2	*	*	*	*	1	*	-	-	*	0.53	*	*	*
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table 8.15 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Konso Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	20,631	21879	19745	-4.30	-9.75	152,856	102986	89536	-41.42	-13.06					
Cereals	17,294	19508	17247	-0.27	-11.59	130,586	90476	77392	-40.73	-14.46					
Teff	3,012	2784	2191	-27.25	-21.29	24,611	11251	*	*	*	8.17	4.04	*	*	*
Barley	216	161	*	*	*	1,740	775	*	*	*	8.05	4.82	*	*	*
Wheat	*	64	-	*	*	*	452	-	*	*	*	7	-	*	*
Maize	5,849	5411	4706	-19.55	-13.04	57,026	35498	34422	-39.64	-3.03	9.75	6.56	7.32	-24.92	11.59
Sorghum	8,105	11088	10260	26.59	-7.47	46,683	42500	34295	-26.54	-19.31	5.76	3.83	3.34	-42.01	-12.79
Finger Millet	*	*	-	*	*	*	*	-	-	-	*	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	3,170	2366	2477	-21.87	4.67	22,270	12499	12113	-45.61	-3.09					
Faba Beans	-	1	-	-	-	-	4	-	-	-	-	2.59	-	-	-
Field Peas	*	16	*	*	*	-	56	*	-	-	-	3.6	*	-	-
Haricot beans	2,758	2089	2251	-18.40	7.73	20,381	10772	11197	-45.06	3.95	7.39	5.16	4.98	-32.61	-3.49
Chick-Peas	393	235	*	*	*	1,866	1578	*	*	*	4.75	6.72	*	*	*
Lentils	*	25	*	*	*	*	90	*	*	*	*	3.55	*	*	*
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	167	5	*	*	*	-	11	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	*	3	-	*	*	-	3	-	-	-	-	1	-	-	-
Groundnut	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	154	2	*	*	*	-	8	*	*	*	-	4.11	*	*	*
Sesame	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-

Table 8.16 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Derashe Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	16,306	14961	15306	-6.13	2.31	165,039	135142	137405	-16.74	1.67					
Cereals	14,607	13440	14351	-1.75	6.78	149,077	123926	130510	-12.45	5.31					
Teff	2,077	1751	1383	-33.39	-22.73	16,912	15235	10710	-36.67	-29.70	8.14	8.51	7.74	-4.91	-9.05
Barley	765	476	460	-39.90	-3.39	7,634	4104	4576	-40.06	11.48	9.98	8.62	9.95	-0.30	15.43
Wheat	363	141	*	*	*	2,628	1336	*	*	*	7.25	9.44	*	*	*
Maize	3,688	3939	2835	-23.12	-28.01	40,323	35338	20690	-48.69	-41.45	10.93	8.97	7.26	-33.58	-19.06
Sorghum	7,698	7053	9552	24.09	34.67	81,579	67913	93524	14.64	37.71	10.60	9.57	9.73	-8.21	1.67
Finger Millet	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	1,691	1510	955	-43.54	-36.75	15,962	11076	6886	-56.86	-37.83					
Faba Beans	22	59	67	205.55	13.95	-	330	498	*	*	-	5.59	7.4	*	*
Field Peas	*	81	*	*	*	-	460	*	*	*	-	5.67	*	*	*
Haricot beans	1,116	1037	766	-31.41	-26.15	11,366	7321	5130	-54.86	-29.92	10.19	7.06	6.66	-34.64	-5.67
Chick-Peas	484	320	*	*	*	4,343	2847	*	*	*	8.97	8.88	*	*	*
Lentils	43	12	*	*	*	252	118	*	*	*	5.87	9.66	*	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	-	*	*	*	0	-	-	-	*	1.28	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Ollseeds	*	12	*	*	*	-	140	*	*	*					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	-	0	-	*	*	-	*	-	*	*	-	*	-	*	*
Groundnut	-	0	-	-	-	-	*	-	-	-	-	*	-	-	-
Sufflower	*	11	*	*	*	-	137	*	-	-	-	12.51	*	-	-
Sesame	*	0	-	*	*	-	2	-	-	-	-	6.44	-	-	-
Rapeseed	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-

Table 8.17 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Dawro Zone

Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)					
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over				
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06			
Total Grains	37,387	25507	33455	-10.52	31.16	276,103	210135	319561	15.74	52.07								
Cereals	25,157	12932	23203	-7.77	79.41	180,722	101374	213382	18.07	110.49								
Teff	13,203	6897	8486	-35.73	23.04	68,129	41180	59808	-12.21	45.23	5.16	5.97	7.05	36.63	18.09			
Barley	1,284	1029	1062	-17.25	3.29	9,876	7900	7333	-25.75	-7.18	7.69	7.68	6.9	-10.27	-10.16			
Wheat	1,796	908	2723	51.61	199.86	13,499	7923	25925	92.05	227.20	7.51	8.73	9.52	26.76	9.05			
Maize	5,687	1678	7993	40.55	376.29	64,285	24324	98444	53.14	304.73	11.30	14.49	12.32	9.03	-14.98			
Sorghum	3,069	2382	2811	-8.40	18.03	24,293	19878	21011	-13.51	5.70	7.91	8.35	7.47	-5.56	-10.54			
Finger Millet	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-			
Oats/Aja'	*	39	*	*	*	*	168	*	*	*	*	4.32	*	*	*			
Rice	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-			
Pulses	11,909	12435	10138	-14.87	-18.47	94,039	108155	105486	12.17	-2.47								
Faba Beans	5,335	4646	5218	-2.20	12.30	47,337	45972	57993	22.51	26.15	8.87	9.89	11.11	25.25	12.34			
Field Peas	4,787	6285	2507	-47.63	-60.11	33,992	45655	18231	-46.37	-60.07	7.10	7.26	7.27	2.39	0.14			
Haricot beans	1,534	1280	1757	14.57	37.27	12,006	15857	*	*	*	7.83	12.39	*	*	*			
Chick-Peas	30	0	-	*	*	-	1	-	*	*	-	3.83	-	*	*			
Lentils	223	212	*	*	*	704	593	*	*	*	3.16	2.8	*	*	*			
Grass Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-			
Soya Beans	*	12	*	*	*	-	77	*	-	-	-	6.54	*	-	-			
Fenugreek	-	*	*	*	*	-	*	-	*	*	-	*	-	*	*			
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-			
Oilseeds	321	140	115	-64.28	-17.89	1,341	606	693	*	14.26								
Neug	-	2	*	-	-	-	*	-	-	-	-	*	-	-	-			
Linseed	149	115	88	-41.11	-24.01	662	366	332	-49.92	-9.48	4.44	3.17	3.78	-14.86	19.24			
Groundnut	*	22	*	*	*	*	240	*	*	*	*	10.99	*	*	*			
Safflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-			
Sesame	-	0	*	-	-	-	*	-	-	-	-	*	-	-	-			
Rapeseed	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-			

Table 8.18 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Basketo Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06	
Total Grains	3,862	3923	4157	7.63	5.94	49,920	38830	53882	7.94	38.76						
Cereals	3,435	3545	3716	8.19	4.82	46,548	36086	49860	7.12	38.17						
Teff	1,768	1860	1918	8.47	3.11	13,102	11504	13387	2.17	16.36	7.41	6.19	6.98	-5.80	12.76	
Barley	413	404	114	-72.38	-71.75	*	2676	1102	*	*	*	6.63	9.66	*	45.70	
Wheat	*	8	39	*	*	-	79	122	*	*	-	9.35	3.15	*	-66.31	
Maize	867	812	1249	44.11	53.91	12,334	16642	29798	141.60	79.06	14.23	20.5	23.85	67.60	16.34	
Sorghum	370	462	396	6.99	-14.24	4,956	5185	5451	9.98	5.11	13.38	11.23	13.77	2.91	22.62	
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oats/Aja'	*	0	*	*	*	-	*	-	-	-	-	*	-	-	-	
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Pulses	409	361	430	5.12	19.05	3,371	2664	3993	18.46	49.92						
Faba Beans	10	5	6	-44.60	17.87	40	11	12	-70.18	4.10	4.08	2.44	2.15	-47.30	-11.89	
Field Peas	115	90	155	34.57	71.35	777	556	1435	84.63	158.02	6.75	6.16	9.27	37.33	50.49	
Haricot beans	283	250	251	-11.41	0.39	2,554	2028	2547	-0.28	25.57	9.03	8.12	10.16	12.51	25.12	
Chick-Peas	*	14	*	*	*	-	60	-	-	-	-	4.2	-	-	-	
Lentils	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Grass Peas	-	1	-	-	-	-	8	-	-	-	-	5.8	-	-	-	
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Fenugreek	*	1	-	-	-	-	*	-	-	-	-	*	-	-	-	
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	18	17	10	-42.72	-38.96	-	80	28	-	*						
Neug	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-	
Linseed	6	3	3	*	*	-	3	5	*	*	-	1.28	1.71	*	*	
Groundnut	*	2	1	*	*	-	4	-	*	*	-	2.28	-	*	*	
Sufflower	8	7	3	*	-60.28	-	56	23	*	*	-	7.82	8.2	*	*	
Sesame	*	5	3	*	*	-	17	-	-	-	-	3.18	-	-	-	
Rapeseed	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-	

Table 8.19 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Konta Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	9,123	9936	12064	32.24	21.41	89,009	88563	123481	38.73	39.43					
Cereals	6,009	6738	8751	45.63	29.87	58,335	60928	91413	56.70	50.03					
Teff	3,474	4055	4701	35.31	15.93	31,123	25285	33411	7.35	32.14	8.96	6.24	7.11	-20.65	13.94
Barley	397	739	702	76.89	-4.98	3,868	9466	10186	163.34	7.61	9.73	12.81	14.5	49.02	13.19
Wheat	177	251	370	109.29	47.56	1,901	3276	5270	177.24	60.86	10.71	13.05	14.23	32.87	9.04
Maize	537	607	1987	270.07	227.64	-	9524	30294	*	*	-	15.7	15.24	*	*
Sorghum	1,415	1074	990	-30.07	-7.87	21,440	13275	12252	-42.85	-7.70	15.15	12.36	12.38	-18.28	0.16
Finger Millet	*	*	*	*	*	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	*	12	*	*	*	*	102	-	*	*	*	8.22	-	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	3,107	3183	3194	2.80	0.35	30,660	27599	32021	4.44	16.02					
Faba Beans	1,911	1801	1782	-6.74	-1.03	20,380	18222	19839	-2.65	8.87	10.66	10.12	11.13	4.41	9.98
Field Peas	841	1117	671	-20.25	-39.96	7,704	7255	5126	-33.46	-29.35	9.16	6.49	7.64	-16.59	17.72
Haricot beans	343	265	739	115.35	178.72	2,545	2122	7056	177.23	232.55	7.43	8.01	9.55	28.53	19.23
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	*	*	2	*	*	-	*	-	-	-	-	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	*	-	*	*	*	*	-	-	-	*	*	-	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	*	15	120	*	*	*	36	47	*	*					
Neug	*	0	*	*	*	-	*	-	*	*	-	*	-	*	*
Linseed	*	4	12	*	*	*	15	47	*	*	*	3.3	4.11	*	*
Groundnut	*	0	10	*	*	-	1	-	-	-	-	8.25	-	-	-
Sunflower	-	0	2	-	-	-	1	-	-	-	-	7.25	-	-	-
Sesame	-	11	89	-	-	-	19	-	-	-	-	1.8	-	-	-
Rapeseed	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-

Table 8.20 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Sillite Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	92,056	88835	89993	-2.24	1.30	984,789	1166428	1460671	48.32	25.23					
Cereals	82,471	81271	82271	-0.24	1.23	918,207	1100902	1384238	50.75	25.74					
Teff	14,461	13846	13934	-3.65	0.63	102,541	98560	116079	13.20	17.77	7.09	7.12	8.33	17.49	16.99
Barley	7,787	6017	5654	-27.39	-6.02	95,670	74777	80542	-15.81	7.71	12.29	12.43	14.24	15.87	14.56
Wheat	20,687	16888	17020	-17.73	0.78	273,101	237183	297768	9.03	25.54	13.20	14.04	17.5	32.58	24.64
Maize	29,781	27848	32919	10.54	18.21	355,589	514977	727412	104.57	41.25	11.94	18.49	22.1	85.09	19.52
Sorghum	8,277	14970	11056	33.57	-26.15	70,927	159128	142822	101.36	-10.25	8.57	10.63	12.92	50.76	21.54
Finger Millet	1,408	1662	1663	18.14	0.07	19,369	15765	19350	-0.10	22.75	13.76	9.48	11.63	-15.48	22.68
Oats/Aja'	*	39	*	*	*	*	512	*	*	*	*	13.08	*	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	8,783	7195	7211	-17.90	0.22	62,678	64454	74146	18.30	15.04					
Faba Beans	2,768	2900	1876	-32.21	-35.30	24,004	24432	17270	-28.06	-29.31	8.67	8.42	9.2	6.11	9.26
Field Peas	1,972	1581	1922	-2.55	21.56	18,253	14178	19319	5.84	36.26	9.26	8.97	10.05	8.53	12.04
Haricot beans	3,139	1394	2975	-5.22	113.37	15,193	16260	35627	134.50	119.11	4.84	11.66	11.98	147.52	2.74
Chick-Peas	283	520	*	*	*	370	3322	*	*	*	1.31	6.39	*	*	*
Lentils	105	100	114	8.75	13.85	*	244	*	*	*	*	2.43	*	*	*
Grass Peas	*	667	*	*	*	*	5961	*	*	*	*	8.94	*	*	*
Soya Beans	*	2	-	*	*	-	*	-	-	-	-	*	-	-	-
Fenugreek	239	31	150	*	386.07	*	57	368	*	*	*	1.86	2.46	*	*
Gibto	*	*	*	*	*	*	*	-	-	-	*	*	-	*	-
Oilseeds	802	369	511	-36.30	38.37	3,903	1072	*	*	*					
Neug	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	374	339	450	20.35	32.81	1,450	1003	*	*	*	3.88	2.96	*	*	*
Groundnut	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Sufflower	*	*	-	*	*	*	*	-	-	-	*	*	-	*	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	424	30	*	*	*	2,430	69	*	*	*	5.73	2.31	*	*	*

Table 8.21 Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Alaba Special Wereda Zone

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	27,635	26589	27144	-1.77	2.09	403,698	346081	442255	9.55	27.79					
Cereals	25,521	25341	24947	-2.25	-1.55	382,657	332876	419799	9.71	26.11					
Teff	5,401	5469	6307	16.78	15.33	60,096	32884	44136	-26.56	34.22	11.13	6.01	7	-37.11	16.47
Barley	247	172	135	-45.24	-21.28	3,880	1933	*	*	*	15.70	11.25	*	*	*
Wheat	2,927	3159	2505	-14.41	-20.71	58,687	42544	48280	-17.73	13.48	20.05	13.47	19.27	-3.89	43.06
Maize	12,804	11894	12503	-2.35	5.11	204,934	211631	282513	37.86	33.49	16.01	17.79	22.6	41.16	27.04
Sorghum	3,235	3338	2176	-32.75	-34.82	46,278	32103	27243	-41.13	-15.14	14.30	9.62	12.52	-12.45	30.15
Finger Millet	907	1309	1321	45.70	0.99	8,783	11780	15480	76.25	31.41	9.69	9	11.71	20.85	30.11
Oats/Aja'	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	2,086	1189	2134	2.30	79.45	20,939	13012	22175	5.90	70.42					
Faba Beans	77	62	*	*	*	841	581	*	*	*	10.97	9.34	*	*	*
Field Peas	*	12	*	*	*	-	31	-	-	*	-	2.6	-	-	*
Haricot beans	1,825	1023	1948	6.77	90.43	19,584	12117	20616	5.27	70.14	10.73	11.84	10.58	-1.40	-10.64
Chick-Peas	*	10	*	-	*	-	54	*	-	*	-	5.56	*	-	*
Lentils	38	56	78	104.00	38.28	-	147	179	-	*	-	2.63	2.3	*	*
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	*	4	-	*	-	-	32	-	-	-	-	8.09	-	-	-
Fenugreek	140	22	*	*	*	513	50	*	*	*	3.67	2.23	*	*	*
Gibto	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	28	59	63	125.86	7.46	103	194	282	173.65	45.05					
Neug	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	22	29	53	139.64	79.93	103	108	240	133.27	122.06	4.65	3.69	4.56	-1.94	23.58
Groundnut	-	3	-	-	-	-	15	-	-	-	-	4.9	-	-	-
Sufflower	*	0	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Rapeseed	*	26	8	*	*	-	71	*	-	*	-	2.7	*	-	*

Table 9. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Gambela Region

Major Crops	TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	9,395	9890	9890			162,490	171067	171067							
Cereals	8,397	8840	8840			159,594	168018	168018							
Teff	-	-	-			-	-	-			-	-	-		
Barley	*	*	*			*	*	*			*	*	*		
Wheat	-	-	-			-	-	-			-	-	-		
Maize	5,549	5842	5842			119,287	125584	125584			21.50	21.5	21.5		
Sorghum	2,744	2889	2889			39,217	41288	41288			14.29	14.29	14.29		
Finger Millet	*	*	*			*	*	*			*	*	*		
Oats/'Aja'	-	-	-			-	-	-			-	-	-		
Rice	*	*	*			*	*	*			*	*	*		
Pulses	101	107	107			478	503	503							
Faba Beans	-	-	-			-	-	-			-	-	-		
Field Peas	*	*	*			-	-	-			-	-	-		
Haricot beans	101	106	106			478	503	503			4.73	4.73	4.73		
Chick-Peas	-	-	-			-	-	-			-	-	-		
Lentils	-	-	-			-	-	-			-	-	-		
Grass Peas	-	-	-			-	-	-			-	-	-		
Soya Beans	-	-	-			-	-	-			-	-	-		
Fenugreek	-	-	-			-	-	-			-	-	-		
Gibto	-	-	-			-	-	-			-	-	-		
Oilseeds	897	944	944			2,418	2546	2546							
Neug	*	*	*			-	-	-			-	-	-		
Linseed	-	-	-			-	-	-			-	-	-		
Groundnut	73	76	76			*	*	*			*	*	*		
Sunflower	*	*	*			-	-	-			-	-	-		
Sesame	*	*	*			*	*	*			*	*	*		
Rapeseed	*	*	*			*	*	*			*	*	*		

Table .9. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Gambela Region				Contd			
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	12.48	7,471	12,310	16.39	116,099	226,036	
Cereals	12.23	6,721	10,958	16.65	113,201	222,835	
Teff	-	-	-	0.00	-	-	
Barley	69.15	*	*	88.57	-11	41	
Wheat	-	-	-	0.00	-	-	
Maize	15.92	4,019	7,665	20.42	75,332	175,836	
Sorghum	16.77	1,939	3,838	17.61	27,038	55,537	
Finger Millet	57.62	*	*	60.85	*	*	
Oats/'Aja'	-	-	-	0.00	-	-	
Rice	54.26	*	*	51.44	*	*	
Pulses	36.46	30	183	33.46	173	833	
Faba Beans	-	-	-	0.00	-	-	
Field Peas	99.21	*	*	0.00	-	-	
Haricot beans	36.51	30	183	33.46	173	833	
Chick-Peas	-	-	-	0.00	-	-	
Lentils	-	-	-	0.00	-	-	
Grass Peas	-	-	-	0.00	-	-	
Soya Beans	-	-	-	0.00	-	-	
Fenugreek	-	-	-	0.00	-	-	
Gibto	-	-	-	0.00	-	-	
Oilseeds	48.17	53	1,835	44.22	339	4,753	
Neug	99.04	*	*	0.00	-	-	
Linseed	-	-	-	0.00	-	-	
Groundnut	37.16	21	132	49.61	21	1,481	
Sufflower	92.45	*	*	0.00	-	-	
Sesame	52.76	*	*	60.85	*	*	
Rapeseed	93.10	*	*	93.09	*	*	

Table 10. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Harari Region

Major Crops	TOTAL AREA IN HECTARES					TOTAL PRGD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	7,638	8807	8738	14.40	-0.79	45,689	78154	102246	123.79	30.83					
Cereals	6,064	6462	6546	7.94	1.30	36,874	61896	83646	126.84	35.14					
Teff	-	1	*	-	-	-	*	-	-	-		*	-	-	-
Barley	*	*	*	*	*	*	*	*	*	*	5.10	10.87	*	*	*
Wheat	*	51	*	*	*	*	445	*	*	*	*	8.71	*	*	*
Maize	925	933	1340	44.84	43.59	10,148	12141	22573	122.44	85.92	8.83	13.01	16.85	90.83	29.52
Sorghum	5,053	5407	5096	0.85	-5.76	26,055	48552	59832	129.64	23.23	5.61	8.98	11.74	109.27	30.73
Finger Millet	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Oats/'Aja'	*	15	*	*	*	*	162	*	*	*	*	11.2	*	*	*
Rice	-	*	-	-	*	-	*	-	-	-	-	*	-	-	-
Pulses	13	8	*	*	*	*	109	*	*	*					
Faba Beans	*	*	-	*	*	-	*	-	*	*	-	*	-	*	*
Field Peas	*	*	*	-	*	*	*	-	-	-	*	*	-	-	-
Haricot beans	10	7	*	*	*	-	105	1073	*	*	-	16.01	19.9	*	*
Chick-Peas	-	0	-	-	*	*	*	-	-	-	*	*	-	*	*
Lentils	*	0	*	-	-	-	1	*	-	-	-	9.13	*	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	0	*	*	*	-	3	*	-	-	-	5.98	*	-	-
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	1,561	2338	2133	36.61	-8.79	8,608	16150	17486	103.13	8.27					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	-	*	*	-	-	-	*	-	-	-	-	*	-	-	-
Groundnut	1,524	2255	2026	32.91	-10.18	8,522	15686	16935	98.72	7.96	5.50	6.96	8.36	52.00	20.11
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	37	83	107	11.59	9.72	86	464	551	540.52	18.76	0.80	5.61	5.16	545.00	-8.02
Rapeseed	-	*	-	*	*	-	*	-	-	-	-	*	-	-	-

Table .10. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Harari Region							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	7.60	7,436	10,039	9.50	83,200	121,293	
Cereals	7.89	5,533	7,558	10.91	65,756	101,536	
Teff	*	*	*	*	*	*	
Barley	*	*	*	*	*	*	
Wheat	*	*	*	*	*	*	
Maize	12.27	1,018	1,662	14.31	16,240	28,907	
Sorghum	9.08	4,189	6,003	12.23	45,489	74,174	
Finger Millet	*	*	*	*	*	*	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	39.99	13	106	39.99	241	1,988	
Faba Beans	*	*	*	*	*	*	
Field Peas	*	*	*	*	*	*	
Haricot beans	*	*	*	*	*	*	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	*	*	*	
Grass Peas	*	*	*	*	*	*	
Soya Beans	*	*	*	*	*	*	
Fenugreek	*	*	*	*	*	*	
Gibto	*	*	*	*	*	*	
Oilseeds	18.12	1,375	2,890	18.14	11,268	23,703	
Neug	*	*	*	*	*	*	
Linseed	*	*	*	*	*	*	
Groundnut	18.14	1,305	2,746	18.24	10,882	22,988	
Sufflower	*	*	*	*	*	*	
Sesame	38.57	26	187	33.20	192	909	
Rapeseed	*	*	*	*	*	*	

Table 11. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Addis Ababa City Administration

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	22,979	10094	9189	-60.01	-8.97	126,179	124037	104927	-16.84	-15.41					
Cereals	19,816	7375	6619	-66.60	-10.24	91,776	90699	73291	-20.14	-19.19					
Teff	9,551	3305	3212	-66.38	-2.84	31,884	32575	27658	-13.26	-15.10	11.30	9.85	8.61	-23.81	-12.59
Barley	*	239	111	*	-53.48	2,428	1913	1018	*	-46.76	12.80	8	9.16	*	14.50
Wheat	9,589	3788	3241	-66.20	-14.44	57,104	55807	44586	-21.92	-20.11	18.71	14.73	13.76	-26.46	-6.59
Maize	66	12	13	-80.85	7.85	104	53	*	-	-	8.08	4.56	*	-	-
Sorghum	*	22	*	-	-	*	303	-	*	*	*	13.72	-	*	*
Finger Millet	*	5	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats 'Aja'	17	3	*	-	-	189	47	-	-	-	20.72	14.55	-	-	-
Rice	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	3,143	2709	2568	-18.29	-5.19	34,398	33323	31636	-8.03	-5.06					
Faba Beans	305	278	245	-19.76	-12.06	2,040	2080	1853	-9.15	-10.90	12.67	7.47	7.57	-40.25	1.34
Field Peas	120	93	56	-53.61	-39.89	644	403	325	-49.50	-19.36	11.81	4.35	5.84	-50.55	34.25
Haricot beans	3	10	*	*	*	-	51	-	*	*	-	5.15	-	*	*
Chick-Peas	1,353	1027	1083	-19.93	5.51	16,768	14820	16953	1.11	14.39	17.41	14.43	15.65	-10.11	8.45
Lentils	196	432	454	*	4.88	2,342	3374	3644	55.60	8.02	11.30	7.8	8.03	-28.94	2.95
Grass Peas	937	809	646	-31.08	-20.15	11,879	12227	8422	-29.10	-31.12	18.88	15.12	13.04	-30.93	-13.76
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	229	60	83	-63.59	38.79	724	368	437	-39.60	18.95	8.07	6.12	5.25	-34.94	-14.22
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	21	11	*	-	-	5	15	-	-	-	-	*	-	-	-
Neug	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	14	9	*	-	-	2	13	-	-	-	0.26	1.36	-	-	-
Groundnut	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sunflower	3	0	*	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Rapeseed	2	1	*	*	*	2	2	-	*	*	1.38	2.21	-	*	*

Table .11. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Addis Ababa City Administration							Contd
Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates		
		95% Confidence Interval			95% Confidence Interval		
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates	
Total Grains	5.92	8,123	10,255	8.64	87,152	122,703	
Cereals	6.09	5,829	7,410	8.70	60,798	85,785	
Teff	7.31	2,751	3,672	9.85	22,319	32,996	
Barley	33.97	37	185	37.16	277	1,760	
Wheat	8.92	2,674	3,807	10.74	35,203	53,970	
Maize	*	*	*	*	*	*	
Sorghum	*	*	*	*	*	*	
Finger Millet	*	*	*	*	*	*	
Oats/'Aja'	*	*	*	*	*	*	
Rice	*	*	*	*	*	*	
Pulses	8.72	2,129	3,007	11.72	24,372	38,900	
Faba Beans	20.70	145	344	25.49	927	2,779	
Field Peas	41.02	11	100	48.98	13	637	
Haricot beans	*	*	*	*	*	*	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	*	*	*	
Grass Peas	*	*	*	*	*	*	
Soya Beans	*	*	*	*	*	*	
Fenugreek	24.03	44	123	26.24	212	662	
Gibto	*	*	*	*	*	*	
Oilseeds	*	*	*	*	*	*	
Neug	*	*	*	*	*	*	
Linseed	*	*	*	*	*	*	
Groundnut	*	*	*	*	*	*	
Sufflower	*	*	*	*	*	*	
Sesame	*	*	*	*	*	*	
Rapeseed	*	*	*	*	*	*	

Table 12. Forecast of 2006/07 (1999E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Dire Dawa Administration

Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over		Estimates of 2004/05	Estimates of 2005/06	Forecast of 2006/07	% Change Of 2006/07 over	
				2004/05	2005/06				2004/05	2005/06				2004/05	2005/06
Total Grains	7,638	7888	7948	4.06	0.75	50,206	78917	102266	103.69	29.59					
Cereals	7,211	7423	7431	3.05	0.11	47,729	75268	97422	104.12	29.43					
Teff	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Barley	*	22	*	*	*	*	172	*	*	*	*	7.93	*	*	*
Wheat	*	*	*	*	*	*	*	-	*	*	*	*	-	*	*
Maize	281	106	416	47.91	290.60	3,071	1295	5853	90.60	351.97	10.92	12.17	14.08	28.94	15.69
Sorghum	6,892	7295	7007	1.67	-3.94	44,261	73801	91518	106.77	24.01	6.42	10.12	13.06	103.43	29.05
Finger Millet	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oats/Aja'	*	*	-	*	*	-	*	-	*	*	-	*	-	*	*
Rice	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Pulses	359	350	316	-12.00	-9.73	2,190	2867	3357	53.27	17.07					
Faba Beans	*	0	-	*	*	-	*	-	-	-	-	*	-	-	-
Field Peas	*	*	-	*	*	-	*	-	-	-	-	*	-	-	-
Haricot beans	325	345	312	-3.89	-9.38	2,030	2848	3346	64.85	17.50	6.25	8.26	10.71	71.36	29.66
Chick-Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Lentils	*	1	*	*	*	*	*	-	-	-	*	*	-	-	-
Grass Peas	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Soya Beans	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Fenugreek	*	4	*	*	*	*	19	*	*	*	*	4.3	*	*	*
Gibto	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Oilseeds	68	116	201	*	*	286	782	1487	419.91	90.11					
Neug	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Linseed	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Groundnut	56	74	138	*	*	286	552	1106	286.88	100.38	5.09	7.45	8.03	57.76	7.79
Sufflower	-	*	-	-	-	-	*	-	-	-	-	*	-	-	-
Sesame	*	42	63	*	*	-	230	380	*	*	-	5.52	6.01	*	8.88
Rapeseed	*	*	-	-	-	-	*	-	-	-	-	*	-	-	-

Table .12. Interval Estimates for 2006/07(1999 E.C.) Area and Production of Major Crops Forecast for private Peasant Holdings in Ethiopia, Meher Season

Dire Dawa Administration

Contd

Major Crops	CV	Interval Cropland Area Estimates		CV	Interval Expected Production Estimates	
		95% Confidence Interval			95% Confidence Interval	
		Lower Estimates	Upper Estimates		Lower Estimates	Upper Estimates
Total Grains	8.42	6,635	9,260	9.82	82,589	121,943
Cereals	8.72	6,161	8,700	10.18	77,990	116,854
Teff	*	*	*	*	*	*
Barley	*	*	*	*	*	*
Wheat	*	*	*	*	*	*
Maize	17.87	270	561	26.75	2,785	8,922
Sorghum	9.27	5,733	8,280	10.54	72,604	110,433
Finger Millet	*	*	*	*	*	*
Oats/Aja'	*	*	*	*	*	*
Rice	*	*	*	*	*	*
Pulses	19.68	194	438	22.36	1,885	4,828
Faba Beans	*	*	*	*	*	*
Field Peas	*	*	*	*	*	*
Haricot beans	19.81	191	434	22.35	1,880	4,812
Chick-Peas	*	*	*	*	*	*
Lentils	*	*	*	*	*	*
Grass Peas	*	*	*	*	*	*
Soya Beans	*	*	*	*	*	*
Fenugreek	*	*	*	*	*	*
Gibto	*	*	*	*	*	*
Oilseeds	22.88	111	291	22.96	818	2,156
Neug	*	*	*	*	*	*
Linseed	*	*	*	*	*	*
Groundnut	33.94	46	229	31.40	425	1,788
Sufflower	*	*	*	*	*	*
Sesame	29.16	27	100	31.62	145	616
Rapeseed	*	*	*	*	*	*

Appendix I
Estimation Procedures of Totals, Ratios and
Sampling Error

APPENDIX-I Estimation Procedures of Totals, Ratios and Sampling Errors

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

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

$$\hat{Y}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} y_{hij} \quad (1)$$

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.
- y_{hij} is the observed value of the variable y for agricultural households j , in the i^{th} EA in the h^{th} stratum.
- \hat{Y}_{hi} estimated total for EA i in stratum h
- \hat{Y}_h estimated total for stratum h

2. Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of area and production are estimated by the following formula.

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

Where,

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 .

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.

$$Var(\hat{Y}) = \sum_h^L Var(\hat{Y}_h)$$

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

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

3. Coefficient of Variation (CV) of Estimates:

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

$$CV(\hat{Y}_h) = \frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h} * 100 \quad (3)$$

4. Estimator of Ratio:

The estimator of a given ratio \hat{R}_h in stratum is the following

$$\hat{R}_h = \frac{\hat{Y}_h}{\hat{X}_h} ,$$

Where the numerator and the denominator are estimates of stratum totals of characteristics of y and x, respectively.

5. Variance of the ratio estimate of the stratum:

$$Var(\hat{R}_h) = \frac{1}{\hat{X}_h} \left[V(\hat{Y}_h) + \hat{R}_h^2 V(\hat{X}_h) - 2\hat{R}_h Cov(\hat{Y}_h, \hat{X}_h) \right] \quad (4)$$

$$\begin{aligned} \text{Where, } Cov(\hat{Y}_h, \hat{X}_h) &= (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{X}_{hi} - \frac{\hat{X}_h}{n_h} \right) \left(\hat{Y}_{hi} - \frac{\hat{Y}_h}{n_h} \right) \\ &+ f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{X}_{hij} - \frac{\hat{X}_{hi}}{h_{hi}} \right) \left(\hat{Y}_{hij} - \frac{\hat{Y}_{hi}}{h_{hi}} \right). \end{aligned}$$

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

$$\hat{Y}_h + 1.96 * SE(\hat{Y}_h) \quad , \quad (5)$$

$$\text{Where } SE(\hat{Y}_h) = \sqrt{Var(\hat{Y}_h)}$$

Estimates of standard error, coefficient of variation and confidence interval for the ratio estimate can be calculated by adopting the above formulas.

Appendix II

Standard Error and Coefficient of Variation for Area and Expected Production

**APPENDIX II Standard Errors and Coefficient of Variations for the Estimates of Area and Production
of Major Crops, 2006/07 (1999 E.C) Crop Production Forecast Sample Survey**

Table 1 Estimates for National

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	11710022.1	179976.05	1.54	154780783	3218861.30	2.08
Cereals.....	8567906.75	148102.41	1.73	136415532.7	2949906.49	2.16
Teff.....	2364874.49	67984.68	2.87	25567969.4	904118.19	3.54
Barley.....	996942.7	48745.70	4.89	14096864.79	846647.73	6.01
Wheat.....	1538338.99	82549.13	5.37	27790579.01	1643797.88	5.91
Maize.....	1786871.39	46561.01	2.61	40170720.12	1346671.65	3.35
Sorghum.....	1437219.34	53726.63	3.74	23089120.1	1154376.84	5.00
Finger millet.....	390920.03	25119.21	6.43	5001088.35	363421.05	7.27
Oats/Aja'.....	46737.92	6742.23	14.43	579599.56	97062.33	16.75
Rice.....	6001.88	3675.71	61.24	119591.31	84591.20	70.73
Pulses.....	1200355.11	37160.91	3.10	13288835.68	487694.33	3.67
Faba beans	472719.06	20944.56	4.43	5991282.42	309652.64	5.17
Field peas.....	221950.05	12079.19	5.44	2091196.04	135098.84	6.46
Haricot beans.....	217934.53	13734.00	6.30	2150567.86	156224.08	7.26
Chick-peas.....	105143.31	12524.42	11.91	1252527.33	184849.71	14.76
Lentils.....	82739.94	7445.06	9.00	646418.12	78059.42	12.08
Grass Pea.....	51883.74	5953.80	11.48	714375.25	90162.08	12.62
Soya beans.....	6320.08	961.18	15.21	58121.6	13597.13	23.39
Fenugreek.....	21098.7	3397.14	16.10	172506.27	33011.83	19.14
Gibto.....	20565.69	3959.95	19.26	211840.8	47481.62	22.41
Oilseeds.....	748730.07	35992.31	4.81	5070565.48	309446.47	6.10
Neug.....	281663.48	18671.39	6.63	1524210.03	115854.18	7.60
Linseed.....	185252.95	16031.28	8.65	1279981.19	129240.19	10.10
Groundnuts.....	28037.79	5406.28	19.28	344538.07	72943.30	21.17
Sufflower.....	8694.57	1718.66	19.77	66487.92	15757.64	23.70
Sesame.....	218817.05	25291.93	11.56	1597017.58	243407.81	15.24
Rapeseed.....	26264.22	2872.74	10.94	258330.69	33664.25	13.03

Table 2 Estimates for Tigray Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	758749.82	38050.85	5.01	10105042.56	632220.70	6.26
Cereals.....	616665.72	33540.74	5.44	8955076.72	584172.44	6.52
Teff.....	137837.46	12519.22	9.08	1481025.64	167920.87	11.34
Barley.....	86536.28	9404.75	10.87	1121659.22	139863.49	12.47
Wheat.....	91299.76	9311.73	10.20	1437658.09	154968.54	10.78
Maize.....	51059.03	4079.89	7.99	925724.15	100738.17	10.88
Sorghum.....	179589.75	17584.92	9.79	3083045.41	332190.94	10.77
Finger millet.....	69266.25	7397.80	10.68	897176.84	96532.92	10.76
Oats/Aja'.....	1077.18	635.97	59.04	8787.37	4796.49	54.58
Rice.....	-	-	-	-	-	-
Pulses.....	50101.06	5057.95	10.10	557353.3	77215.83	13.85
Faba beans	14568.47	1997.64	13.71	183730.22	30636.52	16.67
Field peas.....	6553.97	1292.94	19.73	72618.91	17115.12	23.57
Haricot beans.....	2905.79	1013.76	34.89	24910.69	8023.73	32.21
Chick-peas.....	10654.62	3061.38	28.73	105201.61	33698.78	32.03
Lentils.....	6348.91	1349.21	21.25	47548.36	10174.98	21.40
Grass Pea.....	8406.36	1797.53	21.38	118978.62	30851.47	25.93
Soya beans.....	25.57	25.78	100.81	-	-	-
Fenugreek.....	637.38	211.61	33.20	4364.88	1994.93	45.70
Gibto.....	-	-	-	-	-	-
Oilseeds.....	78962.98	5291.98	6.70	592612.55	41882.26	7.07
Neug.....	5572.7	1389.67	24.94	42819.71	10627.62	24.82
Linseed.....	11414.44	2096.15	18.36	68545.57	13738.74	20.04
Groundnuts.....	16.46	16.56	100.56	123.9	124.59	100.56
Sufflower.....	152.83	102.45	67.03	248.83	245.70	98.74
Sesame.....	61749.32	4848.08	7.85	480874.52	37328.55	7.76
Rapeseed.....	57.21	29.56	51.66	-	-	-

Table 3 Estimates for Afar Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	14888.33	2498.97	16.78	372108.38	117744.12	31.64
Cereals.....	14057.85	2409.31	17.14	370422.36	117711.47	31.78
Teff.....	2834.29	1092.37	38.54	14825.37	5699.44	38.44
Barley.....	504.95	289.44	57.32	716.08	448.74	62.67
Wheat.....	60.49	40.61	67.14	317.04	200.19	63.14
Maize.....	9417.01	1706.29	18.12	348408.18	117354.62	33.68
Sorghum.....	1241.11	411.46	33.15	6155.69	2081.78	33.82
Finger millet.....	-	-	-	-	-	-
Oats/Aja.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	146.98	54.85	37.32	685.14	252.41	36.84
Faba beans	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-
Haricot beans.....	106.96	45.28	42.34	522.33	193.21	36.99
Chick-peas.....	33.24	21.71	65.30	162.81	119.57	73.44
Lentils.....	6.41	3.84	59.83	-	-	-
Grass Pea.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	0.37	0.36	99.35	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	489.34	240.57	49.16	1000.89	356.66	35.63
Neug.....	4.23	2.67	63.21	-	-	-
Linseed.....	3.89	2.90	74.62	-	-	-
Groundnuts.....	-	-	-	-	-	-
Sufflower.....	74.17	35.60	48.00	482.91	232.06	48.05
Sesame.....	407.05	235.63	57.89	517.98	205.33	39.64
Rapeseed.....	-	-	-	-	-	-

Table 4 Estimates for Amhara Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	3787257.24	109246.41	2.88	51984495.18	1925420.07	3.70
Cereals.....	2878368.48	84571.17	2.94	44338547.77	1714696.17	3.87
Teff.....	948030.27	44370.71	4.68	10460134.44	552549.68	5.28
Barley.....	343660.7	27967.25	8.14	4786491.82	534583.44	11.17
Wheat.....	436456.64	34155.72	7.83	7609225.27	822596.02	10.81
Maize.....	412727.2	20545.28	4.98	9832724.73	681957.21	6.94
Sorghum.....	521202.09	39988.07	7.67	8935677.46	937037.47	10.49
Finger millet.....	204636.87	22139.41	10.82	2542191.33	315056.90	12.39
Oats/Aja.....	6851.87	1276.82	18.63	68403.71	13344.32	19.51
Rice.....	4802.83	3632.87	75.64	103699.01	84149.22	81.15
Pulses.....	524170.26	28548.24	5.45	5867779.03	372125.54	6.34
Faba beans	228305.49	16047.09	7.03	2981792.61	246031.91	8.25
Field peas.....	87866.29	8209.61	9.34	858667.51	94514.39	11.01
Haricot beans.....	51525.46	9191.61	17.84	436854.77	77405.89	17.72
Chick-peas.....	61425	10232.37	16.66	716723.29	152867.65	21.33
Lentils.....	46251.35	5330.26	11.52	349942.38	48772.03	13.94
Grass Pea.....	20848.23	4120.83	19.77	266539.17	59664.15	22.38
Soya beans.....	452.84	303.55	67.03	-	-	-
Fenugreek.....	7135.3	1702.32	23.86	45701.36	11878.48	25.99
Gibto.....	20360.3	3957.69	19.44	211557.95	47481.01	22.44
Oilseeds.....	266734.08	24320.36	9.12	1778168.37	250026.49	14.06
Neug.....	128771.6	14485.56	11.25	581996.22	69831.58	12.00
Linseed.....	39987.51	4272.82	10.69	192837.48	25034.88	12.98
Groundnuts.....	884.49	612.06	69.20	11641.06	11153.72	95.81
Sufflower.....	6945.42	1612.12	23.21	62305.01	15688.54	25.18
Sesame.....	74072.65	19363.06	26.14	749760.35	238038.73	31.75
Rapeseed.....	16072.41	2141.15	13.32	179628.26	25759.32	14.34

Table 5 Estimates for Oromia Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	5436013.67	132469.19	2.44	76827359.49	2415470.84	3.14
Cereals.....	4062525.63	112700.40	2.77	69162257	2252432.51	3.26
Teff.....	1057746.26	48054.40	4.54	11845739.06	683972.08	5.77
Barley.....	489152.62	38226.47	7.81	7222507.22	632982.66	8.76
Wheat.....	885465.15	74049.74	8.36	16808035.46	1403996.12	8.35
Maize.....	973799.2	37106.47	3.81	22975439.72	1055361.44	4.59
Sorghum.....	531678.1	30126.19	5.67	8704581.36	573923.42	6.59
Finger millet.....	86091.43	7295.76	8.47	1103118.89	114952.45	10.42
Oats/Aja'.....	38218.69	6588.01	17.24	498680.22	96014.72	19.25
Rice.....	374.18	144.29	38.56	4155.07	759.37	18.28
Pulses.....	461027.27	21588.83	4.68	5353701.58	289116.22	5.40
Faba beans	176169.15	12609.25	7.16	2252558.21	176913.25	7.85
Field peas.....	89782.92	8083.77	9.00	831184.36	87110.12	10.48
Haricot beans.....	98303.85	8354.70	8.50	1138713.38	123036.90	10.80
Chick-peas.....	30958.01	6534.64	21.11	409234.76	98222.60	24.00
Lentils.....	27432.85	4997.72	18.22	235418.45	60058.56	25.51
Grass Pea.....	21376.69	3877.84	18.14	315894.88	60043.89	19.01
Soya beans.....	4000.67	849.11	21.22	49951.36	13550.10	27.13
Fenugreek.....	12949.63	2931.53	22.64	120746.18	30735.31	25.45
Gibto.....	53.49	28.23	52.77	-	-	-
Oilseeds.....	354364.49	25562.23	7.21	2311400.9	166209.54	7.19
Neug.....	133701.05	11348.74	8.49	783669.31	83377.39	10.64
Linseed.....	131535.52	15299.41	11.63	1007581.62	126013.20	12.51
Groundnuts.....	19835.97	5255.03	26.49	221753.47	64446.16	29.06
Sufflower.....	1308.37	582.21	44.50	2261.79	1342.65	59.36
Sesame.....	58530.14	15251.65	26.06	221640.58	27476.74	12.40
Rapeseed.....	9453.44	1907.46	20.18	74494.13	21587.53	28.98

Table 6 Estimates for Small Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	78533.47	6521.55	8.30	459358.9	53575.17	11.66
Cereals.....	66908.5	6370.82	9.52	452920.57	53350.43	11.78
Teff.....	-	-	-	-	-	-
Barley.....	1902.95	610.66	32.09	11791.41	4262.36	36.15
Wheat.....	6333.19	1757.81	27.76	43507.46	12010.91	27.61
Maize.....	32356.46	3654.98	11.30	213301.98	35080.50	16.45
Sorghum.....	26185.04	3802.50	14.52	183612.84	28675.29	15.62
Finger millet.....	-	-	-	-	-	-
Oats/Aja'.....	130.85	84.42	64.51	706.88	443.15	62.69
Rice.....	-	-	-	-	-	-
Pulses.....	1211.91	447.30	36.91	474.92	259.73	54.69
Faba beans	-	-	-	-	-	-
Field peas.....	23.22	14.24	61.35	42.42	24.96	58.85
Haricot beans.....	1113.56	441.21	39.62	252.18	195.11	77.37
Chick-peas.....	75.14	75.92	101.04	180.32	182.20	101.04
Lentils.....	-	-	-	-	-	-
Grass Pea.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	123.47	53.51	43.34	114.18	47.56	41.65
Neug.....	-	-	-	-	-	-
Linseed.....	112.57	52.30	46.46	114.18	47.56	41.65
Groundnuts.....	-	-	-	-	-	-
Sufflower.....	-	-	-	-	-	-
Sesame.....	10.91	11.32	103.75	-	-	-
Rapeseed.....	-	-	-	-	-	-

Table 7 Estimates for Benishangul-Gumuz Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	184881.01	13275.89	7.18	2436659.26	235492.56	9.66
Cereals.....	130676.55	10246.24	7.84	2042826.31	187234.35	9.17
Teff.....	14597.33	3135.74	21.48	129484.62	31871.87	24.61
Barley.....	1216.68	499.19	41.03	15938.9	7173.41	45.01
Wheat.....	1165.16	537.28	46.11	15597.28	8298.47	53.20
Maize.....	32133.8	3820.67	11.89	666841.94	84807.37	12.72
Sorghum.....	55908.59	4077.57	7.29	812477.06	72827.96	8.96
Finger millet.....	25024.83	5617.39	22.45	393417.91	100430.61	25.53
Oats/Aja'.....	36.66	31.28	85.30	-	-	-
Rice.....	593.49	535.06	90.15	9068.6	8381.45	92.42
Pulses.....	7268.73	721.53	9.93	53939.89	7773.48	14.41
Faba beans	386.86	172.90	44.69	4310.91	2005.95	46.53
Field peas.....	330.87	177.67	53.70	2206.33	1223.93	55.47
Haricot beans.....	4437.05	608.73	13.72	38109.22	7556.02	19.83
Chick-peas.....	82.85	11.24	13.57	239.17	29.54	12.35
Lentils.....	116.41	114.95	98.74	639.1	631.07	98.74
Grass Pea.....	-	-	-	-	-	-
Soya beans.....	1761.18	331.59	18.83	8152.29	1129.88	13.86
Fenugreek.....	2.22	1.95	87.98	-	-	-
Gibto.....	151.29	130.53	86.28	282.85	242.00	85.56
Oilseeds.....	39094.26	4510.39	11.54	339893.06	61708.17	18.16
Neug.....	11396.29	2546.41	22.34	105786.7	38046.26	35.97
Linseed.....	200.73	81.20	40.45	772.77	369.67	47.84
Groundnuts.....	4293.14	1038.90	24.20	88706.19	32126.52	36.22
Sunflower.....	54.23	9.41	17.35	157.89	36.38	23.04
Sesame.....	22905.79	2912.15	12.71	143169.5	20890.87	14.59
Rapeseed.....	244.08	133.88	54.85	1300.02	631.72	48.59

Table 8 Estimates for SNNP Region

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	1419458.7	35119.68	2.47	12286319.93	589041.23	4.79
Cereals.....	778108.36	28338.72	3.64	10839122.3	543128.16	5.01
Teff.....	200611.76	13269.74	6.61	1609102.64	122641.08	7.62
Barley.....	73807.01	6599.64	8.94	936104.81	103604.50	11.07
Wheat.....	114261.85	8609.55	7.53	1831069.66	172992.02	9.45
Maize.....	273610.61	17927.06	6.55	5179823.79	449792.52	8.68
Sorghum.....	109282.83	6222.20	5.69	1212220.05	92270.95	7.61
Finger millet.....	5898.73	1144.74	19.41	65183.38	13965.24	21.42
Oats/Aja'.....	404.18	113.89	28.18	2949.35	995.52	33.75
Rice.....	231.39	77.09	33.32	2668.64	1937.65	72.61
Pulses.....	153485.4	8568.48	5.58	1418794.79	98606.25	6.95
Faba beans	53044.36	4260.33	8.03	567037.16	55785.14	9.84
Field peas.....	37337.08	3384.98	9.07	326151.32	37896.04	11.62
Haricot beans.....	59173.92	5721.55	9.67	506786.25	56158.82	11.08
Chick-peas.....	831.15	172.35	20.74	3831.97	956.71	24.97
Lentils.....	2127.37	448.67	21.09	9210.59	1808.55	19.64
Grass Pea.....	606.66	436.59	71.97	4540.12	3128.47	68.91
Soya beans.....	79.81	11.16	13.98	17.94	9.61	53.56
Fenugreek.....	284.44	60.37	21.23	1219.44	155.17	12.72
Gibto.....	0.61	0.47	76.72	-	-	-
Oilseeds.....	6626.18	1400.30	21.13	28402.84	6690.79	23.56
Neug.....	2217.61	1257.04	56.68	9938.09	5786.88	58.23
Linseed.....	1997.98	519.37	25.99	10129.55	2839.60	28.03
Groundnuts.....	844.4	76.71	9.08	4272.07	367.25	8.60
Sunflower.....	158.06	63.31	40.05	1031.49	504.89	48.95
Sesame.....	971.09	313.69	32.30	123.34	63.51	51.49
Rapeseed.....	437.04	104.21	23.84	2908.29	1821.75	62.64

Table 9 Estimates for Harari Region

Crop	Area			Production			
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %	
TOTAL	11746.1	795.76	6.77	102246.23	10480.24	10.25	
Cereals.....	6545.7	554.75	8.48	83646.01	9754.34	11.66	
Teff.....	5.6	4.22	75.45	-	-	-	
Barley.....	44.5	28.54	64.13	586.44	382.83	65.28	
Wheat.....	53.66	43.24	80.59	582.34	469.87	80.69	
Maize.....	1339.78	173.66	12.96	22573.41	3436.22	15.22	
Sorghum.....	5095.73	486.82	9.55	59831.79	7683.28	12.84	
Finger millet.....	1.92	2.10	109.66	-	-	-	
Oats/Aja'.....	4.53	3.51	77.59	72.03	56.99	79.12	
Rice.....	-	-	-	-	-	-	
Pulses.....	59.46	25.05	42.13	1114.48	468.32	42.02	
Faba beans	-	-	-	-	-	-	
Field peas.....	0.05	0.05	109.60	-	-	-	
Haricot beans.....	53.91	23.63	43.83	1072.64	456.06	42.52	
Chick-peas.....	-	-	-	-	-	-	
Lentils.....	1.43	1.45	101.10	14.97	15.14	101.10	
Grass Pea.....	-	-	-	-	-	-	
Soya beans.....	-	-	-	-	-	-	
Fenugreek.....	4.07	4.11	101.10	26.86	27.16	101.10	
Gibto.....	-	-	-	-	-	-	
Oilseeds.....	2132.54	407.27	19.10	17485.74	3346.32	19.14	
Neug.....	-	-	-	-	-	-	
Linseed.....	0.19	0.19	101.10	-	-	-	
Groundnuts.....	2025.58	386.62	19.09	16934.9	3256.11	19.23	
Sufflower.....	-	-	-	-	-	-	
Sesame.....	106.77	43.82	41.04	550.85	198.26	35.99	
Rapeseed.....	-	-	-	-	-	-	

Table 10 Estimates for Addis Ababa City Administration

Crop	Area			Production			
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %	
TOTAL	9303.67	986.71	10.61	104927.22	15446.89	14.72	
Cereals.....	6619.19	658.20	9.94	73291.31	10130.93	13.82	
Teff.....	3211.52	296.13	9.22	27657.63	3765.48	13.61	
Barley.....	111.23	44.17	39.71	1018.47	448.96	44.08	
Wheat.....	3240.65	409.28	12.63	44586.42	6877.65	15.43	
Maize.....	12.64	4.86	38.40	28.8	15.24	52.92	
Sorghum.....	29.18	34.04	116.68	-	-	-	
Finger millet.....	-	-	-	-	-	-	
Oats/Aja'.....	13.96	8.38	60.03	-	-	-	
Rice.....	-	-	-	-	-	-	
Pulses.....	2568.11	351.04	13.67	31635.91	5766.69	18.23	
Faba beans	244.72	40.01	16.35	1853.3	398.39	21.50	
Field peas.....	55.67	19.28	34.64	325.2	133.62	41.09	
Haricot beans.....	1.66	1.17	70.46	-	-	-	
Chick-peas.....	1083.3	224.20	20.70	16953.38	4079.85	24.07	
Lentils.....	453.59	71.63	15.79	3644.26	577.07	15.83	
Grass Pea.....	645.81	84.48	13.08	8422.47	1587.88	18.85	
Soya beans.....	-	-	-	-	-	-	
Fenugreek.....	83.37	20.02	24.01	437.29	136.07	31.12	
Gibto.....	-	-	-	-	-	-	
Oilseeds.....	1.64	1.29	78.62	-	-	-	
Neug.....	-	-	-	-	-	-	
Linseed.....	0.12	0.09	74.58	-	-	-	
Groundnuts.....	-	-	-	-	-	-	
Sufflower.....	1.48	1.26	85.42	-	-	-	
Sesame.....	-	-	-	-	-	-	
Rapeseed.....	0.04	0.03	88.91	-	-	-	

Table 11 Estimates for Dire Dawa Administrative Council

Crop	Area			Production		
	Hectares	S.E.	C.V In %	Quintals	S.E.	C.V In %
TOTAL	9190.08	791.82	8.62	102265.89	10701.06	10.46
Cereals.....	7430.77	692.37	9.32	97422.31	10524.19	10.80
Teff.....	-	-	-	-	-	-
Barley.....	5.77	3.81	65.99	50.43	30.19	59.86
Wheat.....	2.45	1.84	74.93	-	-	-
Maize.....	415.64	79.82	19.20	5853.42	1668.27	28.50
Sorghum.....	7006.91	692.38	9.88	91518.46	10211.73	11.16
Finger millet.....	-	-	-	-	-	-
Oats/Aja'.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	315.93	67.18	21.27	3356.65	804.91	23.98
Faba beans	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-
Haricot beans.....	312.37	66.90	21.42	3346.39	802.07	23.97
Chick-peas.....	-	-	-	-	-	-
Lentils.....	1.63	1.62	99.36	-	-	-
Grass Pea.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	1.92	1.91	99.36	10.26	10.19	99.36
Gibto.....	-	-	-	-	-	-
Oilseeds.....	201.08	53.59	26.65	1486.94	375.57	25.26
Neug.....	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-
Groundnuts.....	137.75	54.21	39.35	1106.48	381.29	34.46
Safflower.....	-	-	-	-	-	-
Sesame.....	63.34	20.21	31.91	380.46	131.68	34.61
Rapeseed.....	-	-	-	-	-	-

Appendix III

**The 2006/07(1999 E.C) Crop Production Forecast Sample
Survey**

Number of Planned and Actually Covered Sampling units

APPENDIX-III (a). Number of Planned and Actually Covered Sampling Units (EAs & Households) of the
2006/7 (1999 E.C.) Crop Production Forecast Sample Survey

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Sampled	Covered	Sampled	Covered
Tigray	North Western Tigray	31	31	310	310
	Central Tigray	40	40	400	400
	Eastern Tigray	29	29	290	290
	Southern Tigray	40	40	400	400
	Western Tigray	25	25	250	250
	Region Total		165	165	1650
Afar	Zone One	24	24	240	234
	Zone Three	24	24	240	238
	Region Total	48	48	480	472
Amhara	North Gonder	44	44	440	440
	South Gonder	44	43	440	430
	North Wello	46	46	460	460
	South Wello	48	48	480	480
	North Shewa	40	40	400	400
	East Gojam	48	47	480	470
	West Gojam	48	48	480	480
	Wag Hemira	28	28	280	280
	Awi	32	32	320	320
	Oromia	28	28	280	280
	Region Total	406	404	4060	4040
Oromia	West Wellega	36	36	360	360
	East Wellega	36	36	360	360
	Illubabor	36	36	360	360
	Jimma	48	48	480	480
	West Shewa	42	42	420	420
	North Shewa	34	34	340	340
	East Shewa	40	40	400	400
	Arsi	46	46	460	459
	West Harerghe	40	39	400	390
	East Harerghe	44	42	440	420
	Bale	40	35	400	350
	Borena	36	36	360	359
	South West Shewa	40	40	400	400
	Guji	36	35	360	350
	Kellem Wellega	36	36	360	360
	Horoguduru Wellega	36	36	360	359
	West Arsi	40	40	400	400
Region Total		666	657	6660	6567

APPENDIX-III (a) (Continued...)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Sampled	Covered	Sampled	Covered
Somali	Shinile	20	20	200	200
	Jijiga	28	28	280	280
	Liben	24	24	240	239
	Region Total	72	72	720	719
Benishangul-Gumuz	Metekel	28	28	280	280
	Asosa	28	28	280	280
	Kemashi	24	24	240	240
	Region Total	80	80	800	800
SNNP	Guraghe	38	38	380	380
	Hadiya	34	34	340	333
	Kembata Tambaro	33	33	330	330
	Sidama	44	44	440	438
	Gedeo	34	34	340	340
	Wolayita	40	40	400	400
	South Omo	33	33	330	330
	Shaka	24	24	240	240
	Keffa	36	36	360	360
	Gamo Gofa	40	40	400	400
	Benchi Maji	32	31	320	310
	Yem Special Wereda	20	20	200	200
	Amaro Special Wereda	20	20	200	200
	Burji Special Wereda	20	20	200	200
	Konso Special Wereda	20	20	200	200
	Derashe Special Wereda	20	18	200	180
	Dawro	32	32	320	320
	Basketo Special Wereda	20	20	200	200
	Konta Special Wereda	20	20	200	200
	Siltie	32	32	320	320
	Alaba Special Wereda	20	20	200	200
Region Total	612	609	6120	6081	
Gambela	Zone One	24	-	240	-
	Zone Two	24	-	240	-
	Region Total	48	-	480	-
Harari	Harari	24	24	240	240
Addis Ababa	Addis Ababa	20	20	200	200
Dire Dawa	Dire Dawa	24	24	240	240
Country Total		2165	2103	21650	21009

APPENDIX-III (b) Number of Planned and Actually Covered Sampling Units (Resettlement localities & Households) of the 2006/7 (1999 E.C.) Crop Production Forecast Sample Survey

Region	Stratum	Resettlement localities		Households	
	Zone/Sp.wereda	Sampled	Covered	Sampled	Covered
Tigray	North Western Tigray	2	2	20	20
	Western Tigray	32	32	320	319
	Region Total	34	34	340	339
Amhara	North Gonder	32	32	320	319
	Awi	2	2	20	20
	Region Total	34	34	340	339
Oromia	West Wellega	39	39	390	390
	East Wellega	21	21	210	210
	Illubabor	40	40	400	400
	Jimma	6	6	60	60
	West Shewa	4	4	40	40
	Bale	10	2	100	20
	Guji	6	6	60	60
	Region Total	126	118	1260	1180
Benishangul-	Asosa	2	2	20	19
Gumuz	Region Total	2	2	20	19
SNNP	Guraghe	4	4	40	33
	Wolayita	3	3	30	30
	South Omo	7	7	70	70
	Keffa	8	8	80	80
	Gamo Gofa	10	10	100	100
	Benchi Maji	5	5	50	50
	Amaro Special Wereda	3	2	30	20
	Dawro	4	4	40	40
	Baskcto Special Wereda	5	5	50	50
	Konta Special Wereda	5	5	50	50
	Region Total	54	53	540	523
	Country Total		250	241	2500

Appendix IV - Questionnaires

APPENDIX IV: Questionnaires used for the 2005/06 (1998E.C) Crop Production Sample Survey**Crop Production Sample Survey**

NOTE:- This Form Should be Filled Out For Mixed Crops According to their Type in pure Stands

Assessment of Crop Conditions- 2006/07 (1999 E.C)**Part I – Identification Particulars**

1	2	3	4	5	6
Region	Zone	wereda	Farmers' Association / Settlement	Enumeration Area /village	Crop Name

Part II - Assessment of Crop Conditions (For Meher Season)

1	2	3	4	5	6	7	8	9	10	11	
Sr. No.	Name of Holder	Household ID Numb	Holder ID Number	Number Of Fields	Crop Productivity Compared to Last Year					Change In Percent	
					Increase = 1 Equal/ No change = 2 Decrease = 3	If Increase		If Decrease			
						Quantity in Percent	One Major Reason for Increase	Quantity in Percent	One Major Reason for Decrease		
					Code	Code	Code	Code			
0	1										
0	2										
0	3										
0	4										
0	5										
0	6										
0	7										
0	8										
0	9										
1	0										
1	1										
1	2										
1	3										
1	4										
1	5										

**Questionnaires used for the 2006/07(1999 E.C)
Crop Production Forecast Sample Survey
Assessment of Meher crop condition**

Part I –Identification Particulars

1	2	3	4	5
Region	Zone	Wereda	Farmers' Association / Settlement	Enumeration Area/ village
_____	_____	_____	_____	_____

Part II - Assessment of Crop Conditions (For Meher Season)

1	2	3	4	5
Crop Name	Code	Expected Crop Productivity Compared to Last Year Meher Season Crop		
		Increase = 1 Equal/No Change = 2 Decrease = 3	If increase/Decrease Quantity of increase/Decrease In percent	Expected Quantity of Productivity Change In Percent
		Code		
Teff	07			
Barley	01			
Wheat	08			
Maize	02			
Sorghum	06			
Finger millet	03			
Oats/'aja'	04			
Rice	05			
Horse beans	13			
Field peas	15			
Haricot beans	12			
Chick peas	11			
Lentils	14			
Grass peas/vetch	16			
Fenugreek	36			
Gibto	17			
Niger seed	25			
Lin seed/flax	23			
Ground nuts	24			
Sufflower	28			
Sesame	27			
Rape seed	26			
Soya beans	18			

	Name	Date	Signature
Development Agent (Respondent)	_____	_____	_____
Data Collector	_____	_____	_____
Supervisor	_____	_____	_____

* Data in this questionnaire should be collected from the Development Agent only by interview method.

Questionnaires used for the 2005/06(1998E.C)Crop Production Forecast Sample SurveyAssessment of Meher crop condition**Part I –Identification Particulars**

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

Part II - Assessment of Crop Conditions (For Meher Season)

1	2	3	4	5
Crop Name	Code	Expected Crop Productivity Compared to Last Year		
		Increase = 1 Equal/NoChange = 2 Decrease = 3	If increase/Decrease Quantity of increase/Decrease In percent	Expected Quantity of Productivity Change In Percent
			Code	
Teff	07			
Barley	01			
Wheat	08			
Maize	02			
Sorghum	06			
Finger millet	03			
Oats/'aja'	04			
Rice	05			
Horse beans	13			
Field peas	15			
Haricot beans	12			
Chick peas	11			
Lentils	14			
Grass peas/vetch	16			
Fenugreek	36			
Gibto	17			
Niger seed	25			
Lin seed/flax	23			
Ground nuts	24			
Sufflower	28			
Sesame	27			
Rape seed	26			
Soya beans	18			

	Name	Date	Signature
Chairman of Farmers' Association / Settlement (Respondent)	_____	_____	_____
Data Collector	_____	_____	_____
Supervisor	_____	_____	_____

* Data in this questionnaire should be collected from the Farmers' Association/settlement chair person by interview method.

Questionnaires used for the 2005/06(1998E.C)Crop Production Forecast Sample SurveyAssessment of Meher crop condition**Part I - Identification Particulars**

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

Part II - Assessment of Crop Conditions (For Meher Season)

1	2	3	4	5
Crop Name	Code	Expected Crop Productivity Compared to Last Year		
		Increase = 1 Equal/NoChange = 2 Decrease = 3	If increase/Decrease Quantity of increase/Decrease In percent	Expected Quantity of Productivity Change In Percent
			Code	
Teff	07			
Barley	01			
Wheat	08			
Maize	02			
Sorghum	06			
Finger millet	03			
Oats/'aja'	04			
Rice	05			
Horse beans	13			
Field peas	15			
Haricot beans	12			
Chick peas	11			
Lentils	14			
Grass peas/vetch	16			
Fenugreek	36			
Gibto	17			
Niger seed	25			
Lin seed/flax	23			
Ground nuts	24			
Sufflower	28			
Sesame	27			
Rape seed	26			
Soya beans	18			

Name

Date

Signature

Group Leaders

1. Group Leader

2. Group Leader

3. Group Leader

4. Group Leader

5. Group Leader

Data Collector

Supervisor

* Data in this questionnaire should be collected at least from Five Group Leaders by interview method.

Crop Production Sample Survey

List of Fields Under Temporary Crops (Including Vegetables and Root Crops) and Agricultural Practices

(Meher Season) - 2006/07 (1999 E.C)

Part I. Identification Particulars

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Ward	Farmers' Association	Enumeration Area	House hold ID Number	Sex of head of House hold M = 1 F = 2	Holder ID Number	Holder			Educational Status	House hold Size	Type of Agriculture
								Name	Age	Sex M = 1 F = 2			

Part II. Area Under Temporary Crops and Agricultural Practices

and

Area Measurement Result

1	2	3	4			5			6			7		
			Parcel No.			Field No.			The Field is			Area in Sq.m.		
			Crop Name	Crop Name	Crop Name	Crop Name	Crop Name	Crop Name	Date of Measurement	Area in Sq.m.		Date		Closure
0	1	Type of Holding Private = 1 Rented/Contract = 2 Other = 3												
0	2	Have the field been included in the extension package program Yes = 1 No = 2												
0	3	Was the Field been irrigated Yes = 1 No = 2												
0	4	If the field Was irrigated then the source of the water is River=1 Lake =2 Pond=3 Water Harvesting = 4 Other= 5												
0	5	Area in percentage of each crop (for mixed Crops)												
0	6	Variety of seeds used Improved=1 Indigenous=2												
0	7	(for cereals, pulses and oil seeds only) if indigenous seed was used what was the total quantity	Kg	gram	Kg	gram	Kg	gram						
0	8	(For cereals, pulses and oil seeds only) If Improved seed was used what was the total quantity	Kg	gram	Kg	gram	Kg	gram						
0	9	(For cereals, pulses and oil seeds only) If Improved seed was used what was the total quantity	Birr	Cents	Birr	Cents	Birr	Cents						
1	0	Was there crop damage? Yes=1 No=2												
1	1	If there was crop damage then the major causes of damage Code →												
1	2	Percentage of damage												
1	3	Any control/preventive measure taken for damage? Yes=1 No=2												
1	4	If yes what type of measure chemical=1 Non chemical=2 Both=3												
1	5	if chemical Insecticide=1 Herbicides=2 Fungicides=3 1&2=4 1&3=5 2&3=6 All=7												
1	6	Was the field Fertilized? Yes=1 No=2												
1	7	If yes what type? Natural =1 Chemical=2 Both=3												
1	8	If chemical fertilizer used (in Qu.17 if it is code 2 or code 3) 18.1 what type? UREA = 1 DAP = 2 Both = 3 18.2 Quantity in Kg												
1	9	If natural fertilizer used (in Qu. 17 it is code 1 or 3) mainly Manure=1 Compost=2 Organic=3 1&2=4 1&3=5 2&3=6 All=7 Others=8												
2	0	Crop Production in local unit	Local unit	Code	quantity	Local unit	Code	quantity	Local unit	Code	quantity	Local unit	Code	quantity