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FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY

Crop Production Forecast Sample Survey,

2007/08(2000 E.C.)

(Conducted from September 11 to October 25, 2007)



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

January 2008
Addis Ababa

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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. However, the agriculture system in Ethiopia 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 rainfall that makes the system highly vulnerable to drought and other natural calamities.

Thus, 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 2007/08 (2000 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 2007 (i.e. from Meskerem 1 to Tikimt 15, 2000 E.C.). *Here, it should be noted that the period of data collection on condition factor was extended till mid Tikimt 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.*

i) Major stakeholders involved in providing data on “Condition Factor”

Since 2005/06, the Central Statistical Agency (CSA), in consultation with ultimate data users, has increased the number of stakeholders to five, which was only one prior to the year 2005/06(1998 E.C.), with the objective to keep up and improve the data quality in terms of reliability and accuracy. Since then, for the Annual Crop Production Forecast survey conducted so far including the current year, the following stakeholders were used as ultimate statistical unit on which data on “condition factor” collected from.

- a) **Sampled Households:-** *Each holder who grows 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 (DAs):-** *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) **Chairman of the Peasant Association (PA):-** 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) **Community Leaders':-** 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".
- e) **Observations from highly skilled Professionals:-** since the year 2004/05 (1997E.C.) CSA has been working in collaboration with FAO Food Supply and Crop Assessment Mission to improve its crop forecast survey results. Hence, CSA assigns Eight - Six senior professionals to collect data on condition factors and technically assist in the over all field activities of the FAO Crop Assessment Mission teams for three weeks time. Therefore, besides their technical assistance to the mission, the assigned professionals served the CSA in providing data on "condition factor" to be used as a correction factor to eliminate outliers. In other words, the qualitative as well as the quantitative data is used as input in the process of the current year crop production forecast estimates.

ii) *Incorporating Point and 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 Enumeration Areas (EAs) in the 2007/08 (2000 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 that will be obtained prior to the harvest of 2007/08 (2000 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 2007/08 (2000 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 2007/08 (2000 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

2. SURVEY METHODOLOGY, FIELD ORGANIZATION AND DATA PROCESSING

2.1 Scope and Coverage

The 2007/8 (2000 E.C) Annual Crop Production Forecast Sample Survey covered the entire rural parts of the country except one zone of Gambela Region due to flood, and the non-sedentary population of three zones of Afar & six zones of Somali regions.

The agricultural production output in Ethiopia comes from both the private peasant holdings and the large and medium scale commercial farms where the commercial farms consist of the state and the private investment commercial farms. However, the results of this survey only include the private peasant holdings since the commercial farms are treated in a separate and independent survey.

Regarding the crop harvest season, it should be noted that this survey report covers only the Main Season crop area and production estimates since a survey on the 2007/08 Belg Season crop area and production will be conducted in May 2008. Also, this survey result on area under crop and production estimates covers only grain crops, i.e. cereals, pulses and oilseeds, which means that vegetables, root crops, spices and perennial crops are not included.

To be covered by the survey, a total of 2200 enumeration areas (EAs.) were selected. However, due to various reasons that are beyond control, 134 EAs could not be covered. Thus, all in all the survey succeeded to cover 2066 EAs. (93.9 %) throughout the regions. The Crop Production Forecast Sample survey was conducted on the basis of 10 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 22000 agricultural households, however, 20263 (92.1 %) were actually covered by the survey. From Bale zone of Oromia region only 17 EAs out of 40 are covered due to the fact that the remaining 23 EAs are from lowland areas and because of late rain it is not possible to make crop production for these EAs.

2.2 Sampling frame

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

2.3 Sample design

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

Except Harari, Addis Ababa and Dire Dawa, where each region as a whole was taken to be the domain of estimation; each zone of a region / special wereda was adopted as a stratum for which major findings of the survey are reported. For detail of the number of strata in each region see summary table 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	11	11
Oromia	17	17
Somalie	9	3
Benishangul Gumuz	5	5
S.N.N.P.R	21	21
Gambela	4	3
Harari	1	1
Dire Dawa	1	1
Total	79	69

2.4 Selection Scheme

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of households. The sizes for EAs were obtained from the 1999 E.C. cartographic census frame. From the fresh list of households prepared at the beginning of the survey 10 agricultural households within each sample EA were selected systematically.

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

2.5 Field Organization

In order to systematically and efficiently accomplish the data collection activities of the 2007/08 (2000 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 25 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 **2311** (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).

i) 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, **126** 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 **2311** field enumerators for two weeks at the 25 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.

2.6 Method of Data Collection and Crop Production Forecasting

i) 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.

ii) 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 2006/07 (1999 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 respondent's own subjective assessment through these "condition" factors.

iii) 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:

a) 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.

b) Factors that have Positive Influence

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

2.7 Data Processing

i) 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 20 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 one supervisor.

ii) Data Entry, Cleaning and Processing

The data entry operation deployed about 69 data encoders, 3 data encoder supervisors, 7 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.

2.8 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 consist 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 2007/08 (2000 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. However, in order to improve the reliability of the survey estimates, the CSA has made consultation with the Agricultural and Rural Development Bureaus of the major crop producing regions, i.e. Tigray, Amhara, Oromia and SNNPR and invaluable comments obtained from these regions have been given due consideration. In the following paragraphs, the discussions on the major findings of the survey results are presented.

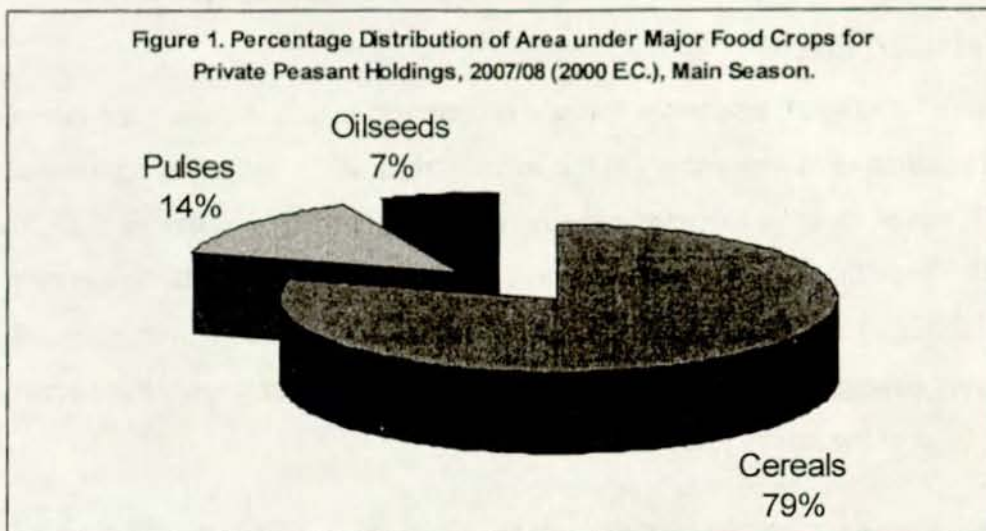
3.2 The prospect of Grain Crops (Cereal, Pulses and Oilseeds) of the coming 2007/08 Meher Season Harvest

The results of the year 2007/08 (2000 E.C.), Crop Production Forecast Survey indicate that a total land area of about 11 million hectares are covered by grain crops i.e. cereals, pulses and oilseeds, from which a total volume of about 164.51 million quintals of grains are expected to be produced, from private peasant holdings (See Summary Table III.1).

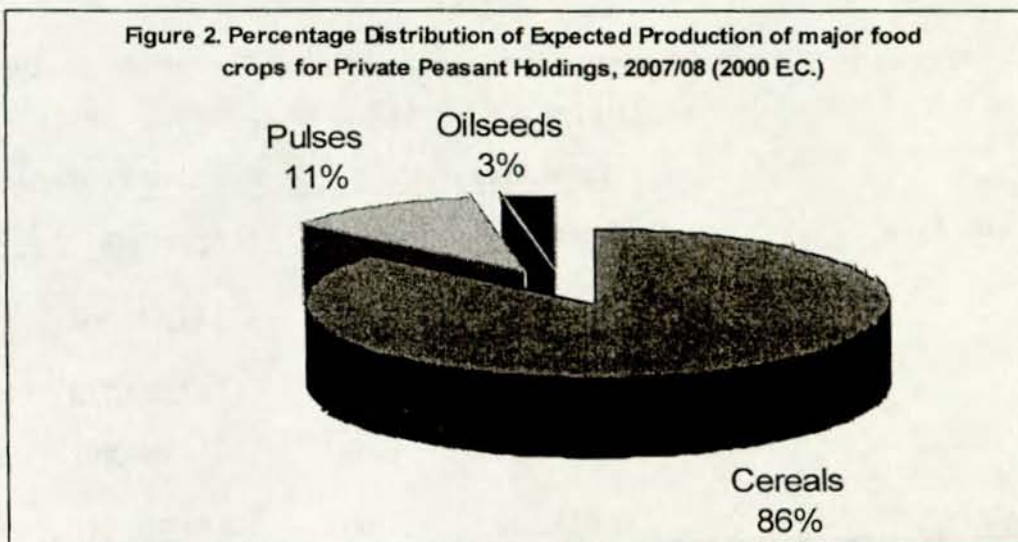
Table III.1 Area under Crop and Expected Production of Grains for Private Holdings, 2007/08 (2000 E.C.), Meher Season

Crop Type	Total Area		Expected Production	
	In Hectare	%	In Quintals.	%
Cereals	8,744,096	79.37	141,627,962	86.09
Pulses	1,508,460	13.69	17,714,778	10.77
Oilseeds	765,028	6.94	5,167,801	3.14
Total Grains	11,017,584	100	164,510,541	100

Out of these totals cultivated cropland area and expected volume of grain production, 8.74 million hectares are accounted for cereals (79.37%) from which about 141.63 million quintals (86.09%) are expected to be produced during this year's Meher harvest season (See Figures 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 2,397,121; 1,891,203; 1,498,199; 1,479,287; and 1,024,706 hectares, respectively. Similarly, the total volume of about 27,601,590; 41,661,655; 24,674,517; 27,117,652; and 14,555,029 quintals are expected to be produced in the year 2007/08 (2000 E.C.) Meher season harvest, with an average expected yield of 11.51; 22.03; 16.47; 18.33 and 14.20 qts/ha, in that order. (For details see Table 1).



Pulses are currently planted on about 1.51 million hectares of land (13.69%) from which about 17.71 million quintals (10.77%) are expected to be produced in the 2007/08 harvest year (See Summary Table III.1). Pulses such as faba beans, field peas, haricot beans and chick peas are planted in about 522,744; 219,018; 263,209 and 208,657 hectares of land from which about 6,718,736; 2,331,771; 2,505,276 and 2,776,807 quintals of these grains are expected to be produced in the coming harvest, with an average expected yield of 12.85, 10.65, 9.52 and 13.31 quintals per hectare, in that order. (See Table 1).

According to the survey results, oilseeds are grown on land area estimated at 765 thousand hectares (6.94%) from which about 5.17 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 286,323; 180,939; 34,984 and 215,254 hectares of land, from which about 1,619,844; 1,161,329; 458,618 and 1,433,541 quintals of these crops with an average expected yield ranging from 13.11 qt/ha for groundnut to 5.66 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 governmental and/or non-governmental institutions among others, are considered as the major contributing factors for the observed regional variations.

The results of the 2007/08 (2000 E.C.) Crop Production Forecast Sample Survey indicate that both in total area under grain crops and volume of expected crop production, Oromia, Amhara, SNNP, Tigray and Benshangul-Gumuz Regional States have taken the largest share among the regions. The total grain crops covered area reported in each of the above mentioned regions was 4,990,411; 3,796,974; 1,018,298; 881,507 and 196,270 hectares of land, contributing for about 45.29%, 34.46%, 9.24%, 8.00% and 1.78% 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 81,176,296; 54,077,526; 13,910,431; 11,083,178 and 2,781,400 quintals, which accounted for 49.34%, 32.87%, 8.46%, 6.74% and 1.69% of the total expected grain crops production reported at country level, respectively (For details see Summary Table III.2).

NOTE: *Among the four major regions with significant contribution to the agricultural sector (i.e. in terms of size of area under crop and volume of production), the SNNPR has shown larger increase in area under grain crops (8.87) compared with the previous year. Hence, it is worth investigating the core reasons for such an increase in area under grain crops. The Agricultural and Rural Development Bureau of the SNNPR, which is one of the major stakeholders, pointed out that:*

- *improvement in the supply of agricultural inputs in the region to the farmers,*
- *much higher price increases of grain crops in the market,*
- *the favorable weather conditions of the of the 2007/08 Meher Season,*
- *and the Agricultural Development Agents' (DAs) efforts have given the farmers the impetus to cultivate fully and efficiently the available land they own.*

As a result, the farmer in the highland areas, have cultivated all their cropland and were discouraged to leave any of their land as fallow. In addition, in the lowland areas, new areas (previously uncultivated) have been developed and cultivated which contributed to the increase in total cropland area of the region.

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 2007/08 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

**Summary Table III.2 Forecast of 2007/08(2000 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		Forecast of	% Change Of 2007/08 over		Estimates of		Forecast of	% Change Of 2007/08 over	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Tigray	708,350	857,400	881,507	24.45	2.81	8,587,980	10,863,724	11,083,178	29.05	2.02
Afar	19,088	18,022	18,022	-5.59	0.00	376,330	517,364	517,355	37.47	0.00
Amhara	3,570,812	3,638,543	3,796,974	6.33	4.35	43,854,714	49,220,815	54,077,526	23.31	9.87
Oromia	4,720,123	4,865,726	4,990,411	5.73	2.56	67,727,141	73,839,284	81,176,296	19.86	9.94
Somali	67,290	73,683	86,226	28.14	17.02	378,094	431,778	547,684	44.85	26.84
S.N.N.P	876,693	921,582	1,018,298	16.15	10.49	10,359,040	11,675,393	13,910,431	34.28	19.14
Benshangul-Gumuz	171,876	179,229	196,270	14.19	9.51	2,085,802	2,500,532	2,781,400	33.35	11.23
Gambella	9890	9890	10782	9.01	9.02	171067	171067	189354	10.69	10.69
Harari	8807	9428	9664	9.72	2.50	78154	107843	101209	29.50	-6.15
Dire Dawa	7888	8551	9432	19.56	10.30	78917	104214	126107	59.80	21.01
Country Level	10,170,911	10,592,755	11,017,584	8.32	4.01	133,821,275	149,554,981	164,510,541	22.93	10.00

**Summary Table III.3 Forecast of 2007/08 (2000 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		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of 2007/08	2005/06	2006/07	2005/06	2006/07	of 2007/08	2005/06	2006/07
Tigray	585,847	705,455	689,671	17.72	-2.24	7,568,135	9,612,887	9,471,874	25.15	-1.47
Afar	17358	17518	17518	0.92	0.00	370346	515233	515223	39.12	0.00
Amhara	2714489	2767788	2856582	5.23	3.21	36498651	40188475	44128113	20.90	9.80
Oromia	3835235	3997499	4100742	6.92	2.58	60285657	65351113	72136600	19.66	10.38
Somali	65915	72797	83565	26.78	14.79	376439	430855	540923	43.69	25.55
S.N.N.P	708276	746936	830155	17.21	11.14	8977393	10154340	12173714	35.60	19.89
Benshangul-Gumuz	124182	132231	139813	12.59	5.73	1770206	2104210	2276654	28.61	8.20
Gambella	8840	8840	10119	14.47	14.47	168018	168018	181093	7.78	7.78
Harari	6462	6994	7298	12.93	4.34	61896	87846	86635	39.97	-1.38
Dire Dawa	7423	7937	8634	16.32	8.79	75268	97802	117132	55.62	19.76
Country Level	8,081,401	8,471,920	8,744,096	8.20	3.21	116,242,707	128,797,926	141,627,962	21.84	9.96

production of these crops, Oromia Region reported the highest both in cropland area and expected production followed by Amhara and then SNNP regions. (See Summary Table III.3). Likewise; the expected yield reported for each of the crops mentioned above followed the same pattern where the highest crop productivity (23.83 qts/ha) was reported for maize in Amhara Region, where as the lowest crop productivity (8.3 qts/ha) for finger millet was reported in SNNP Region.

Similarly, Oromia, Amhara, SNNP, and Tigray are the leading regions in producing both pulses and oilseeds in the country. The total reported cropland areas under pulses in these regions were 530,013; 682,179; 182,908 and 99,340 hectares of land, while cropland area under oilseeds were 359,656; 258,213; 5,235 and 92,496, respectively.(See Summary Tables IV and V)

However, as indicated in Table 2, the total expected production of sesame in Tigray regional state in 2007/08 has shown a decrease by 7.43% as compared with 2006/07. Users of this report should know that this Crop Production Forecast Sample Survey result includes only the private peasant holdings, i.e. the survey does not cover the large and medium scale commercial farms. An individual or share holders who are operating on the farm licensed are not part of this particular survey. For instance, in Humera Wereda, in Western Tigray Zone, there are over 360 operating commercial farms registered in the regional investment Bureau. These farms and farms with similar status in the other weredas and zones are not included in this Crop Production Forecast Sample Survey results.

3.3 Comparison of Pre-harvest Expected Crop Productivity of 2007/08 (2000 E.C.) with 2005/06(1998 E.C.) and 2006/07 (1999 E.C.), Post - harvest Crop Yield Estimates.

In this section of the report, an attempt has been made to compare the expected crop productivity of selected important food crops obtained from the 2007/08 (2000 E.C.) Crop Production Forecast Sample Survey with that of the 2005/06 and 2006/07 post harvest crop yield estimates. Such comparisons are believed to give a bird's eye view on the prospect of the current 2007/08 (2000 E.C) Meher season harvest in terms of crop productivity to grossly evaluate the current year Meher Season performance. Consequently, the results of such comparison will pave the way for concerned stakeholders to investigate further so as to easily identify surplus and/or deficit

**Summary Table III.4 Forecast of 2007/08(2000 E.C.) Area and Production of Pulses Crops
for Private Peasant Holdings, Meher Season**

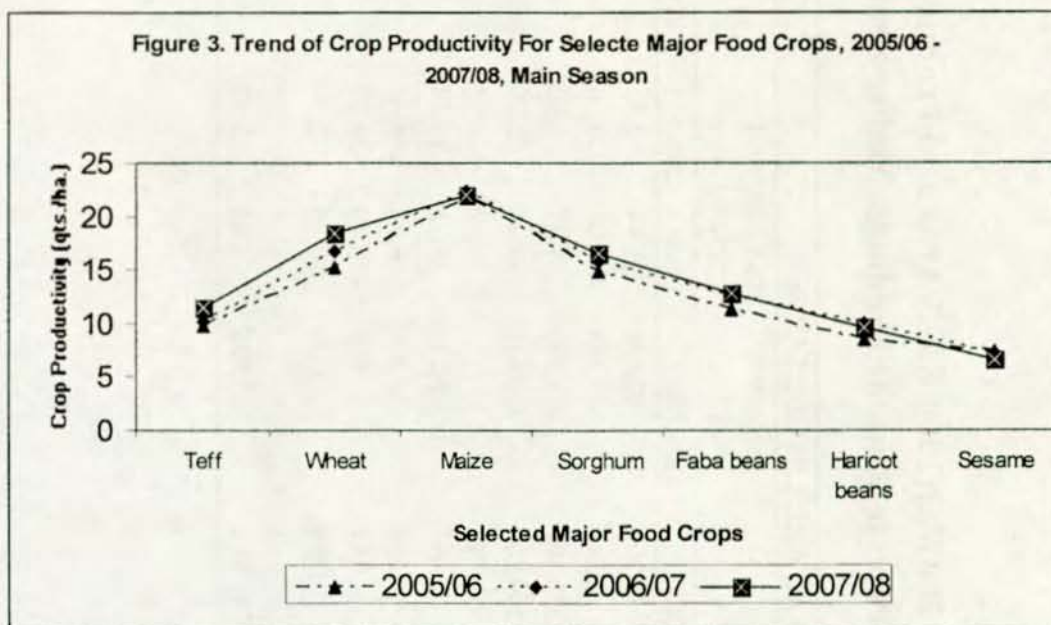
Region/ Killil	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS				
	Estimates of		Forecast of	% Change Of 2007/08 over		Estimates of		Forecast of	% Change Of 2007/08 over	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Tigray	46338	61555	99340	114.38	61.39	434531	648059	1028935	136.79	58.77
Afar	197	260	260	31.85	0.00	760	1,239	1,239	63.00	0.00
Amhara	585171	617361	682179	16.58	10.50	5828794	7406889	8289952	42.22	11.92
Oromia	487975	519020	530013	8.61	2.12	5010423	6123383	6541383	30.56	6.83
Somali	1173	807	1026	-12.56	27.07	1467	894	6760	32	78
S.N.N.P	161547	168549	182908	13.22	-8.52	1349346	1498232	1719446	27.43	14.77
Benshangul-Gumuz	6596	8146	11988	81.75	47.15	50345	65845	118813	136.00	80.44
Gambella	107	107	*	*	*	503	503	*	*	*
Harari	8	45	37	397.21	-16.22	109	659	*	*	*
Dire Dawa	350	433	647	84.79	49.30	2867	4707	7385	157.58	56.89
Country Level	1,292,170	1,379,046	1,508,460	16.74	9.38	12,712,469	15,786,215	17,714,778	39.35	12.22

**Summary Table III.5 Forecast of 2007/08(2000 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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Tigray	76,166	90,390	92,496	21.44	2.33	585,313	602,778	582,370	-0.50	-3.39
Afar	1,534	244	244	-84.08	0.00	5,224	893	893	-82.91	0.00
Amhara	271,152	253,394	258,213	-4.77	1.90	1,527,268	1,625,451	1,659,461	8.66	2.09
Oromia	396,913	349,207	359,656	-9.39	2.99	2,431,061	2,364,788	2,498,313	2.77	5.65
Somali	201	79	*	*	*	188	29	-	-	-
S.N.N.P	6,869	6,097	5,235	-23.78	-14.14	32,300	22,821	17,271	-46.53	-24.32
Benshangul-Gumuz	41,098	38,852	44,470	8.20	14.46	265,251	330,477	385,933	45.50	16.78
Gambella	944	944	600	-36.39	-36.39	2546	2546	7928	211.38	211.39
Harari	2338	2389	2329	-0.39	-2.54	16150	19338	14042	-13.05	-27.39
Dire Dawa	116	181	*	*	*	782	1705	*	*	*
Country Level	797,341	741,791	765,028	-4.05	3.13	4,866,099	4,970,840	5,167,801	6.20	3.96

producing regions and zones in order to take appropriate measures in advance. Therefore, brief discussions on crop productivity comparisons made for selected important food crops at country levels is presented as follows:

Due to the presence of adequate rain fall and favorable weather conditions in the current crop-growing season, the 2007/08 (2000 E.C.) the expected crop productivity is anticipated to be better when compared with the previous years i.e. 2005/06 (1998 E.C) and 2006/07 (1999 E.C.) post harvest estimates. For instance, except for sesame, the expected crop productivity of Teff, wheat, maize, sorghum, faba beans, haricot beans and linseed have shown significant increment, where the increment ranges from 36.19% for faba beans to 0.73% for maize when compared with the year 2005/06 post harvest estimates, while the range of the increment over the 2006/07 post harvest estimate was 13.51% for Teff and 3.22% for linseed.(See Statistical Table 1 and Fig. 3).



Finally, users of this report should be aware that the information on what is called condition factors was collected in the month of October 2007 (Tikimet 2000 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.

Users also should know that this annual Crop Production Forecast Sample Survey covers only the Meher Season, i.e. it does not include the Belg Season crop area and production estimates. Also, the Meher Season crops included in this survey are only grain crops (cereals, pulses and oilseeds), which mean vegetables, root crops, and perennial crops are not included.

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.

National and Regional Statistical Tables

Table .1. Forecast of 2007/08(2000E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over	2005/06	2006/07	2007/08	2005/06	2006/07	2007/08	2005/06	2006/07	2007/08	2005/06	2006/07
			2007/08												
Total Grains	10,170,911	10,592,755	11,017,583.75	8.32	4.01	133,821,275	149,554,981	164,510,541.07	22.93	10.00					
Cereals	8,081,401	8,471,920	8,744,095.60	8.20	3.21	116,242,707	128,797,926	141,627,961.69	21.84	9.96					
Teff	2,246,017	2,404,674	2,397,121.45	6.73	-0.31	21,755,977	24,377,495	27,601,590.25	26.87	13.23	9.69	10.14	11.51	18.78	13.51
Barley	997,868	1,019,314	1,024,706.31	2.69	0.53	12,706,798	13,521,480	14,555,029.44	14.55	7.64	12.73	13.27	14.2	11.55	7.01
Wheat	1,459,540	1,473,917	1,479,287.16	1.35	0.36	22,190,754	24,630,639	27,117,651.90	22.20	10.10	15.2	16.71	18.33	20.59	9.69
Maize	1,526,125	1,694,522	1,891,202.98	23.92	11.61	33,367,952	37,764,397	41,661,655.16	24.86	10.32	21.87	22.29	22.03	0.73	-1.17
Sorghum	1,468,070	1,464,318	1,498,198.94	2.05	2.31	21,735,987	23,160,409	24,674,516.93	13.52	6.54	14.81	15.82	16.47	11.21	4.11
Finger Millet	333,029	374,072	391,824.14	17.65	4.75	3,970,017	4,844,089	5,260,658.24	32.51	8.60	11.92	12.95	13.43	12.67	3.71
Oats/Aja'	44,401	32,798	32,035.04	-27.85	-2.33	401,634	362,432	367,582.42	-8.48	1.42	9.05	11.05	11.47	26.74	3.80
Rice	6,241	*	29,719.58	*	*	112,443	**		*	*	18.02	**	*	*	
Pulses	1,292,170	1,379,046	1,508,459.75	16.74	9.38	12,712,469	15,786,215	17,714,777.98	39.35	12.22					
Faba Beans	456,919	459,202	522,743.74	14.41	13.84	5,127,970	5,761,563	6,718,735.57	31.02	16.61	11.22	12.55	12.85	14.53	2.39
Field Peas	233,087	221,715	219,018.06	-6.04	-1.22	1,822,676	2,100,949	2,331,770.98	27.93	10.99	7.82	9.48	10.65	36.19	12.34
Haricot beans	163,688	223,357	263,209.05	60.80	17.84	1,384,216	2,227,008	2,505,275.52	80.99	12.50	8.46	9.97	9.52	12.53	-4.51
Chick-Peas	201,010	200,066	208,656.63	3.80	4.29	2,105,851	2,538,713	2,776,806.90	31.86	9.38	10.48	12.69	13.31	27.00	4.89
Lentils	84,895	97,110	106,045.51	24.91	9.20	576,033	810,494	823,956.11	43.04	1.66	6.79	8.35	7.77	14.43	-6.95
Grass Peas	123,464	124,954	126,759.36	2.67	1.44	1,459,448	1,837,840	1,991,135.14	36.43	8.34	11.82	14.71	15.71	32.91	6.80
Soya Beans	3,327	6,352	9,163.44	175.47	44.26	38,119	58,489	54,825.07	43.83	-6.26	11.46	9.21	5.98	-47.82	-35.07
Fenugreek	11,845	20,762	29,523.83	149.26	42.20	74,839	163,986	210,285.47	180.99	28.23	6.32	7.9	7.12	12.66	-9.87
Gibto	13,936	25,526	23,340.13	67.48	-8.56	123,318	287,173	301,987.23	144.89	5.16	8.85	11.25	12.94	46.21	15.02
Oilseeds	797,341	741,791	765,028.41	-4.05	3.13	4,866,099	4,970,840	5,167,801.41	6.20	3.96					
Neug	306,877	274,720	286,323.09	-6.70	4.22	1,471,286	1,477,588	1,619,843.90	10.10	9.63	4.79	5.38	5.66	18.16	5.20
Linseed	215,107	174,108	180,938.69	-15.88	3.92	1,259,072	1,082,216	1,161,328.96	-7.76	7.31	5.85	6.22	6.42	9.74	3.22
Groundnut	35,468	37,126	34,983.58	-1.37	-5.77	341,501	510,801	458,618.01	34.29	-10.22	9.65	13.79	13.11	35.85	-4.93
Sufflower	8,867	13,019	11,705.79	32.01	-10.09	59,572	111,760	143,329.22	140.60	28.25	6.72	8.58	12.24	82.14	42.66
Sesame	205,153	211,312	215,253.86	4.92	1.87	1,488,610	1,493,867	1,433,541.42	-3.70	-4.04	7.26	7.07	6.66	-8.26	-5.80
Rapeseed	25,001	30,637	35,823.40	43.29	16.93	243,512	292,061	351,139.90	44.20	20.23	9.74	9.53	9.8	0.62	2.83

Table .1. Interval Estimates for 2007/08 (2000 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	1.48	10,697,421.83	11,337,745.67	1.86	158,521,616.28	170,499,465.86
Cereals	1.58	8,473,330.03	9,014,861.17	2	136,082,902.62	147,173,020.76
Teff	2.98	2,256,893.21	2,537,349.69	3.58	25,665,495.94	29,537,684.56
Barley	5.4	916,178.82	1,133,233.80	5.82	12,894,160.07	16,215,898.81
Wheat	4.55	1,347,233.14	1,611,341.18	5.58	24,150,700.43	30,084,603.37
Maize	3.16	1,773,991.20	2,008,414.76	3.96	38,429,195.33	44,894,114.99
Sorghum	4.05	1,379,210.16	1,617,187.72	4.73	22,385,356.18	26,963,677.68
Finger Millet	6.3	343,443.81	440,204.47	6.86	4,553,731.22	5,967,585.26
Oats/'Aja'	13.72	23,421.06	40,649.02	16.97	245,321.74	489,843.10
Rice	42.48	4,973.33	54,465.83	*	*	*
Pulses	3.09	1,417,181.63	1,599,737.87	3.77	16,406,425.67	19,023,130.29
Faba Beans	4.03	481,440.01	564,047.47	4.45	6,133,083.20	7,304,387.94
Field Peas	5.15	196,895.56	241,140.56	5.84	2,064,854.61	2,598,687.35
Haricot beans	6.75	228,382.48	298,035.62	7.48	2,137,794.18	2,872,756.86
Chick-Peas	10.21	166,893.11	250,420.15	12.1	2,118,151.31	3,435,462.49
Lentils	8.65	88,057.02	124,034.00	12.97	614,539.62	1,033,372.60
Grass Peas	11.09	99,218.81	154,299.91	11.92	1,526,020.71	2,456,249.57
Soya Beans	22.89	5,053.18	13,273.70	28.71	23,972.87	85,677.27
Fenugreek	15.32	20,659.22	38,388.44	15.67	145,681.81	274,889.13
Gibto	18.56	14,847.70	31,832.56	19.93	184,017.93	419,956.53
Oilseeds	4.94	690,955.48	839,101.34	6.27	4,532,627.33	5,802,975.49
Neug	6.81	248,084.43	324,561.75	7.84	1,370,978.35	1,868,709.45
Linseed	11.53	140,057.99	221,819.39	17.68	758,993.19	1,563,664.73
Groundnut	21.53	20,218.49	49,748.67	25	233,934.76	683,301.26
Sunflower	16.99	7,808.78	15,602.80	20.47	85,814.61	200,843.83
Sesame	11.21	167,972.49	262,535.23	12.1	1,093,681.09	1,773,401.75
Rapeseed	10.25	28,627.61	43,019.19	11.27	273,603.42	428,676.38

Table 2. Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Tigray Region															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	708,350	857,400	881,507	24.45	2.81	8,587,980	10,863,724	11,083,178	29.05	2.02					
Cereals	585,847	705,455	689,671	17.72	-2.24	7,568,135	9,612,887	9,471,874	25.15	-1.47					
Teff	138,346	160,741	176,493	27.57	9.80	1,244,213	1,573,599	1,958,903	57.44	24.49	8.99	9.79	11.1	11.12	13.38
Barley	79,108	101,576	112,365	42.04	10.62	877,473	1,210,587	1,210,634	37.97	0.00	11.09	11.92	10.77	10.80	-9.65
Wheat	76,776	100,140	102,051	32.92	1.91	1,006,985	1,480,627	1,587,431	57.64	7.21	13.12	14.79	15.56	15.57	5.21
Maize	46,192	58,613	70,840	53.36	20.86	803,329	1,026,680	1,089,541	35.63	6.12	17.39	17.52	15.38	15.35	-12.21
Sorghum	184,011	207,489	153,952	-16.34	-25.80	2,934,833	3,345,063	2,654,339	-9.56	-20.65	15.95	16.12	17.24	17.26	6.95
Finger Millet	60,737	75,978	73,493	21.00	-3.27	695,630	970,567	967,348	39.06	-0.33	11.45	12.77	13.16	13.15	3.05
Oats/Aja'	678	*	*	*	*	5,673	5,764	*	*	*	8.37	*	*	8.79	*
Rice	*	284	*	*	*	*	-	-	-	-	*	-	-	-	-
Pulses	46,338	61,555	99,340	114.38	61.39	434,531	648,059	1,028,935	136.79	58.77					
Faba Beans	14,616	17,289	27,660	89.25	59.99	173,611	208,285	316,589	82.36	52.00	11.88	12.05	11.45	11.48	-4.98
Field Pease	5,240	6,618	8,645	64.99	30.64	49,484	79,358	104,521	111.22	31.71	9.44	11.99	12.09	12.10	0.83
Haricot beans	3,308	3,909	5,631	70.23	44.05	15,077	32,200	*	*	*	4.56	8.24	*	6.80	*
Chick-Peas	11,702	14,697	21,635	84.89	47.21	96,648	133,718	229,485	137.44	71.62	8.26	9.10	10.61	9.10	16.59
Lentils	4,060	8,114	13,825	240.48	70.38	29,291	71,170	105,393	259.82	48.09	7.21	8.77	7.62	7.62	-13.11
Grass Peas	6,975	9,948	19,422	178.46	95.23	68,497	118,413	219,837	220.94	85.65	9.82	11.90	11.32	11.90	-4.87
Soya Beans	21	*	*	*	*	201	-	-	-	-	9.4	-	-	-	*
Fenugreek	416	928	2,315	456.85	149.47	1,723	4,915	14,882	763.95	202.78	4.14	5.30	6.43	6.41	21.32
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	76,166	90,390	92,496	21.44	2.33	585,313	602,778	582,370	-0.50	-3.39					
Neug	6,491	7,257	7,817	20.44	7.73	44,568	49,103	54,211	21.64	10.40	6.87	6.77	6.93	6.90	2.36
Linseed	9,190	11,698	12,155	32.27	3.91	47,650	71,521	82,032	72.16	14.70	5.19	6.11	6.75	6.75	10.47
Groundnut	16	*	*	*	*	110	*	*	-	-	6.87	*	*	8.30	-
Sufflower**	307	228	*	*	*	832	*	*	-	-	2.71	*	*	2.38	*
Sesame	60,148	71,150	72,218	20.07	1.50	492,154	481,412	445,629	-9.45	-7.43	8.18	6.77	6.17	6.17	-8.86
Rapeseed	14	29	*	*	*	*	-	-	-	-	*	-	-	-	-

Table .2. Interval Estimates for 2007/08 (2000 E.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	4.66	801,055.55	961,957.79	4.78	10,044,789.50	12,121,567.48
Cereals	4.94	622,924.92	756,416.32	4.98	8,547,903.87	10,395,844.59
Teff	8.07	148,593.09	204,392.77	9.57	1,591,437.30	2,326,368.54
Barley	10.16	89,991.46	134,739.00	8.93	998,636.27	1,422,631.07
Wheat	12.18	77,687.50	126,414.52	10.76	1,252,497.82	1,922,364.32
Maize	7.98	59,753.38	81,926.86	9.95	877,070.16	1,302,012.20
Sorghum	9.77	124,482.94	183,421.12	10.46	2,110,263.03	3,198,415.13
Finger Millet	9.77	59,419.74	87,565.50	11.81	743,507.49	1,191,189.29
Oats/'Aja'	*	*	*	*	*	*
Rice	*	*	*	-	*	*
Pulses	8.35	83,085.44	115,595.30	10.66	814,015.52	1,243,853.82
Faba Beans	12.31	20,985.22	34,335.18	16.2	216,040.07	417,137.59
Field Peas	17.49	5,681.31	11,609.37	21.01	61,480.88	147,560.40
Haricot beans	41.59	1,040.70	10,222.16	*	*	*
Chick-Peas	19.56	13,340.06	29,930.52	28.52	101,200.54	357,769.08
Lentils	17.75	9,014.23	18,634.89	17.83	68,557.06	142,229.46
Grass Peas	28.8	8,459.06	30,385.50	29.15	94,215.29	345,458.75
Soya Beans	*	*	*	-	*	*
Fenugreek	37.35	620.39	4,009.15	43.68	2,142.02	27,622.14
Gibto	-	*	*	-	*	*
Oilseeds	13.93	67,250.35	117,741.01	12.73	437,058.87	727,680.31
Neug	20.47	4,681.16	10,953.60	21.34	31,541.01	76,880.35
Linseed	20.41	7,292.44	17,018.28	18.41	52,429.52	111,634.10
Groundnut	*	*	*	*	*	*
Safflower	*	*	*	*	*	*
Sesame	17.72	47,130.83	97,304.71	16.7	299,776.95	591,481.39
Rapeseed	*	*	*	-	*	*

Table 2.1 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	167,244	196,095	195,633	16.97	-0.24	2,084,632	2,588,272	2,599,323	24.69	0.43					
Cereals	142,961	167,967	168,327	17.74	0.21	1,904,113	2,374,564	2,394,156	25.74	0.83					
Teff	31,963	36,757	40,552	26.87	10.32	294,255	333,444	370,551	25.93	11.13	9.21	9.07	9.14	-0.76	0.77
Barley	588	534	531	-9.57	*	5,000	5,094	4,317	*	*	8.51	9.54	8.13	*	*
Wheat	14	*	-	*	*	157	*	-	*	*	10.86	*	-	*	*
Maize	17,064	21,975	29,121	70.66	32.52	320,067	458,765	520,263	62.55	13.41	18.76	20.88	17.87	-4.74	-14.42
Sorghum	58,735	66,068	53,728	-8.52	-18.68	895,585	1,050,686	909,872	1.60	-13.40	15.25	15.9	16.93	11.02	6.48
Finger Millet	34,579	42,481	44,336	28.22	4.37	389,049	524,346	589,153	51.43	12.36	11.25	12.34	13.29	18.13	7.70
Oats/Aja'	18	-	-	*	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	*	*	-	*	-	-	-	-	*	-	-	-	-
Pulses	6,424	10,038	8,101	26.10	-19.30	55,021	98,250	77,022	39.99	-21.61					
Faba Beans	1,373	2,233	3,211	133.91	43.80	14,436	22,651	32,776	*	44.70	10.52	10.14	10.21	*	0.69
Field Pease	630	*	956	51.80	*	5,075	*	6,255	*	*	8.06	*	6.54	*	*
Haricot beans	562	*	*	*	*	2,896	*	3,358	*	*	5.15	*	*	*	*
Chick-Peas	3,730	5,661	2,629	-29.51	-53.55	32,018	57,417	29,098	-9.12	*	8.58	10.14	11.07	29.02	9.17
Lentils	23	*	*	*	*	59	*	*	-	-	2.59	*	*	-	-
Grass Peas	28	*	*	*	*	337	*	*	-	-	12	*	*	-	-
Soya Beans	21	-	*	*	-	201	-	-	-	-	9.4	-	-	-	-
Fenugreek	57	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oilseeds	17,860	18,090	19,206	7.54	6.17	125,498	115,458	128,145	2.11	10.99					
Neug	3,002	3,831	3,240	7.93	-15.42	20,844	22,653	19,182	-7.97	-15.32	6.94	5.91	5.92	-14.70	0.17
Linsced	1,053	1,082	1,477	40.31	36.58	5,137	5,081	7,644	*	50.44	4.88	4.7	5.17	*	10.00
Groundnut	8	*	*	*	*	58	*	*	-	*	7	*	*	-	-
Sufflower	*	*	-	*	-	*	-	-	-	-	*	-	-	-	-
Sesame	13,787	13,141	14,467	4.93	10.09	99,459	87,585	101,155	1.70	15.49	7.21	6.67	6.99	-3.05	4.80
Rapeseed	9	*	-	*	-	*	-	-	-	-	*	-	-	-	-

Table 2.5 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	109,446	117,385	123,692	13.02	5.37	1,285,654	1,370,406	1,369,626	6.53	-0.06				
Cereals	59,198	57,216	61,517	3.92	7.52	862,613	948,677	973,938	12.91	2.66					
Teff	9,817	5,020	3,743	-61.87	-25.43	103,490	64,763	53,240	-48.56	-17.79	10.54	12.90	14.22	34.91	10.23
Barley	1,109	717	*	*	*	13,917	10,024	*	*	*	12.54	13.99	*	*	*
Wheat	1,197	661	*	*	*	23,169	13,012	*	*	*	19.36	19.67	*	*	*
Maize	2,933	3,854	4,187	42.76	8.66	42,850	64,214	64,151	49.71	-0.10	14.61	16.66	15.32	4.86	-8.04
Sorghum	35,654	36,103	39,152	9.81	8.44	545,819	587,334	578,193	5.93	-1.56	15.31	16.27	14.77	-3.53	-9.22
Finger Millet	8,488	10,693	10,648	25.45	-0.42	133,368	209,331	210,051	57.50	0.34	15.71	19.58	19.73	25.59	0.77
Oats/'Aja'	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	167	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	1,989	1,890	3,165	59.11	67.46	16,923	19,901	33,103	95.62	66.34					
Faba Beans	872	959	1,897	117.56	97.86	10,918	11,161	21,408	96.08	91.81	12.52	11.64	11.28	-9.90	-3.09
Field Pease	169	162	*	*	*	1,517	1,444	*	*	*	8.97	8.89	*	*	*
Haricot beans	42	129	*	*	*	511	2,809	1,315	*	*	12.12	21.83	*	*	*
Chick-Peas	891	599	539	*	*	3,872	4,191	3,873	*	-7.60	4.35	6.99	7.19	*	*
Lentils	15	35	*	*	*	104	296	*	-	*	6.86	8.46	*	-	-
Grass Peas	*	6	*	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	0	*	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	48,258	58,279	59,010	22.28	1.25	406,118	401,827	362,585	-10.72	-9.77					
Neug	2,964	2,420	2,405	-18.86	-0.62	19,768	18,817	21,399	8.25	13.72	6.67	7.78	8.9	33.43	14.40
Linseed	381	340	740	94.05	117.33	3,544	3,715	8,765	147.32	135.92	9.29	10.91	11.85	27.56	8.62
Groundnut	4	-	-	-	-	22	-	-	-	-	6	-	-	-	-
Sunflower	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	44,909	55,518	55,865	24.40	0.62	382,784	379,295	332,421	-13.16	-0.91	8.52	6.83	5.95	-30.16	-12.88
Rapeseed	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 2.2 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	154,124	212,932	214,819	39.38	0.89	1,794,755	2,283,574	2,279,359	27.00	-0.18				
Cereals	141,193	190,970	182,720	29.41	-4.32	1,678,349	2,088,239	2,053,293	22.34	-1.67					
Teff	47,225	63,001	65,391	38.47	3.79	410,928	550,583	591,510	43.94	7.43	8.70	8.74	9.05	4.02	3.55
Barley	12,527	17,692	27,304	117.96	54.33	127,043	166,879	251,933	98.30	50.97	10.14	9.43	9.23	-8.97	-2.12
Wheat	10,968	19,731	23,135	110.94	17.26	131,733	240,056	298,758	126.79	24.45	12.01	12.17	12.91	7.49	6.08
Maize	14,940	17,439	23,223	55.44	33.17	252,288	243,985	338,551	34.19	-38.76	16.89	13.99	14.58	-13.68	4.22
Sorghum	43,062	56,081	28,183	-34.55	-49.75	641,579	719,838	430,111	-32.96	-40.25	14.90	12.84	15.26	2.42	18.85
Finger Millet	12,472	16,985	15,482	24.13	-8.85	114,778	166,899	142,431	24.09	-14.66	9.20	9.83	9.2	0.00	-6.41
Oats/Aja'	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	10,000	16,411	24,702	147.01	50.53	97,900	160,669	180,908	84.79	12.60					
Faba Beans	5,138	7,795	12,615	145.50	61.83	58,436	84,427	95,733	63.83	13.39	11.37	10.83	7.59	-33.25	-29.92
Field Peas	556	615	651	16.97	5.83	5,230	4,808	4,329	-17.22	-9.96	9.4	7.82	6.65	-29.26	-14.96
Haricot beans	810	1,506	944	*	-37.31	2,848	*	6,123	*	*	3.52	*	6.49	*	*
Chick-Peas	808	1,319	4,322	*	*	7,627	7,989	27,643	*	*	9.44	6.06	6.4	*	*
Lentils	896	2,634	3,697	312.48	40.36	8,298	24,203	27,329	229.34	12.91	9.26	9.19	7.39	-20.19	-19.59
Grass Peas	1,592	*	744	*	*	14,221	*	8,728	*	*	8.93	*	11.73	*	*
Soya Beans	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	200	*	*	*	*	1,240	*	*	*	*	6.2	*	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	2,930	5,552	7,397	152.45	33.24	18,506	34,666	45,158	144.01	30.27					
Neug	375	821	2,111	462.68	157.01	1,920	5,639	13,198	587.29	*	5.12	6.87	6.25	*	*
Linseed	1,537	2,895	4,186	172.34	44.59	8,223	16,824	23,974	191.54	-42.50	5.35	5.81	5.73	8.60	-1.38
Groundnut	4	*	*	*	*	30	*	*	-	-	7.39	*	*	-	-
Sufflower	2	32	*	*	*	*	-	-	*	*	*	-	-	*	*
Sesame	1,009	1,779	*	*	*	8,333	12,143	*	*	*	8.26	6.83	*	*	*
Rapeseed	3	*	*	*	*	*	-	-	*	*	*	-	-	*	*

Table 2.3 Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08	2007/08 over	2005/06	2006/07	of	2007/08	2007/08 over	2005/06	2006/07	of	2007/08	2007/08 over
			2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	68,357	86,871	97,331	42.39	12.04	779,931	1,104,919	1,270,165	62.86	14.96					
Cereals	59,264	74,729	72,099	21.66	-3.52	707,199	999,531	1,034,539	46.29	3.50					
Teff	9,130	9,497	6,198	-32.11	-34.73	72,191	89,233	54,608	-24.36	-38.80	7.91	9.40	8.81	11.38	-6.28
Barley	19,683	28,042	32,042	62.79	14.26	237,315	382,238	436,687	84.01	14.24	12.06	13.63	13.63	13.02	0.00
Wheat	16,855	22,687	26,225	55.59	15.60	202,348	325,038	455,767	125.24	40.22	12.01	14.33	17.38	44.71	21.28
Maize	5,524	5,296	2,139	-61.27	-59.60	89,033	79,475	26,710	-70.00	-66.39	16.12	15.01	12.49	-22.52	-16.79
Sorghum	4,627	5,538	2,473	*	-55.34	68,128	78,622	35,250	*	-55.17	14.72	14.2	14.25	-3.19	0.35
Finger Millet	3,156	3,305	2,995	-5.09	-9.37	36,076	42,617	25,293	-29.89	-40.65	11.43	12.89	8.44	-26.16	-34.52
Oats/Aja'	288	*	*	*	*	2,109	*	*	*	*	7.33	*	*	*	*
Rice	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	7,200	10,377	22,559	213.31	117.39	64,351	96,668	219,911	241.74	127.49					
Faba Beans	1,533	1,715	2,554	66.58	48.87	17,991	20,830	28,966	61.00	39.06	11.74	12.14	11.34	-3.41	-6.59
Field Peas	897	1,719	2,531	182.10	47.29	8,648	15,034	24,214	180.00	61.06	9.64	8.75	9.57	-0.73	9.37
Haricot beans	4	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Chick-Peas	1,189	1,202	3,633	*	*	8,687	*	*	*	*	7.3	*	*	*	*
Lentils	453	*	1,528	*	*	2,769	9,024	10,982	*	*	6.12	*	7.19	*	*
Grass Peas	3,100	4,304	11,965	286.03	178.03	26,182	41,829	119,282	355.59	185.17	8.45	9.72	9.97	*	*
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	24	*	*	*	*	73	390	775	*	*	3.01	*	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	1,893	1,765	2,673	41.18	51.43	8,381	*	15,714	87.49	*					
Neug	27	-	*	*	*	43	-	-	*	*	1.64	-	-	-	-
Linseed	1,845	1,644	2,646	43.40	60.98	8,305	*	15,714	89.21	*	4.5	*	5.94	32.00	*
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	20	*	-	*	*	33	*	-	-	-	1.67	*	-	-	-
Sesame	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	2	*	*	-	-	*	-	-	*	*	*	-	-	*	*

Table 2.4 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Grains Total	209,179	244,117	250,032	19.53	2.42	2,643,007	3,516,553	3,564,706	34.87	1.37					
Cereals	183,230	214,574	205,008	11.89	-4.46	2,415,860	3,201,876	3,015,948	24.84	-5.81					
Teff	40,211	46,465	60,608	50.72	30.44	363,349	535,576	888,994	144.67	65.99	9.04	11.53	14.67	62.28	27.23
Barley	45,200	54,591	50,454	11.63	-7.58	494,198	646,354	487,085	-1.44	-24.64	10.93	11.84	9.65	-11.71	-18.50
Wheat	47,741	56,910	50,938	6.70	-10.49	649,578	900,292	795,214	22.42	-11.67	13.61	15.82	15.61	14.70	-1.33
Maize	5,731	10,050	12,170	112.35	21.08	99,090	180,241	139,868	41.15	-22.40	17.29	17.93	11.49	-33.55	-35.92
Sorghum	41,933	43,698	30,415	-27.47	-30.40	783,722	908,584	700,913	-10.57	-22.86	18.69	20.79	23.04	23.27	10.82
Finger Millet	2,042	2,514	*	*	*	22,360	27,374	*	*	*	10.95	10.89	*	*	*
Oats/Aja'	372	324	*	*	*	3,564	3,455	*	*	*	9.59	10.68	*	*	*
Rice	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	20,724	22,838	40,813	96.94	78.71	200,337	272,570	517,990	158.56	90.04					
Faba Beans	5,700	4,587	7,384	29.54	60.98	71,830	69,216	137,705	91.71	98.95	12.6	15.09	18.65	48.02	23.59
Field Peas	2,988	3,219	4,105	37.41	27.54	29,015	51,326	65,960	127.33	28.51	9.71	15.95	16.07	65.50	0.75
Haricot beans	1,890	*	*	*	*	8,822	*	*	*	*	4.67	*	*	*	*
Chick-Peas	5,083	5,915	10,512	*	*	44,443	54,560	133,178	*	*	8.74	9.22	12.67	*	*
Lentils	2,674	4,226	8,273	209.42	95.74	18,061	37,599	64,181	255.37	70.70	6.76	8.9	7.76	14.79	-12.81
Grass Peas	2,255	2,937	6,272	178.09	113.58	27,757	48,080	86,448	211.44	79.80	12.31	16.37	13.78	11.94	-15.82
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	134	293	469	*	*	409	1,853	3,084	*	*	3.05	6.32	6.57	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	5,225	6,704	4,210	-19.42	-37.20	26,809	42,107	30,767	14.76	-26.93					
Neug	123	*	*	*	*	1,992	*	*	*	*	16.22	*	*	*	*
Linseed	4,373	5,737	3,106	-28.98	-45.86	22,441	37,187	25,935	15.57	-30.26	5.13	6.48	8.35	62.77	28.86
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	286	*	*	*	*	799	*	*	-	-	2.8	*	*	*	*
Sesame	443	*	*	*	*	1,578	*	*	*	*	3.56	*	*	*	*
Rapeseed	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-

Table 3. Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
		2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains		19,088	18,022	18,022	-5.59	0.00	376,330	517,364	517,355	37.47	0.00					
Cereals		17,358	17,518	17,518	0.92	0.00	370,346	515,233	515,223	39.12	0.00					
Teff		1,784	2,493	2,493	*	*	8,177	14,900	14,900	*	*	4.58	5.98	5.98	30.57	0.00
Barley		502	*	*	*	*	227	*	*	*	*	0.45	*	*	*	*
Wheat		30	*	*	*	*	145	*	*	*	*	4.91	*	*	*	*
Maize		12,776	13,221	13,221	3.48	0.00	347,278	490,610	490,610	41.27	0.00	27.18	37.11	37.11	36.53	0.00
Sorghum		2,265	1,552	1,552	*	*	14,519	7,722	7,713	*	*	6.41	4.98	4.97	-22.46	-0.20
Finger Millet		*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Oats/'Aja'		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses		197	260	260	*	*	760	1,239	1,239	*	*					
Faba Beans		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Field Pease		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Haricot beans		111	239	239	*	*	473	1,152	1,152	*	*	4.28	4.82	4.82	12.62	0.00
Chick-Peas		84	*	*	*	*	287	*	*	*	*	3.44	*	*	*	*
Lentils		3	*	*	*	*	*	-	-	-	-	*	-	-	*	*
Grass Peas		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek		0	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Gibto		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds		1,534	244	244	*	*	5,224	893	893	*	*					
Neug		2	*	*	*	*	*	-	-	-	-	*	-	-	*	*
Linseed		2	3	3	*	*	*	-	-	-	-	*	-	-	*	*
Groundnut		1	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Safflower		141	122	122	*	*	836	558	558	-	-	5.94	4.58	4.58	*	*
Sesame		1,388	110	110	*	*	4,388	335	335	*	*	3.16	3.04	3.04	*	*
Rapeseed		*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Note: due to incompleteness of data collected, Last year estimates are taken for this year.

Table 3. Interval Estimates for 2007/08 (2000 E.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	19.96	10,970.95	25,072.61	35.9	153,279.01	881,431.17	
Cereals	20.12	10,608.85	24,427.17	36.04	151,235.14	879,211.36	
Teff	39.16	579.65	4,405.77	45.73	1,544.58	28,255.34	
Barley	*	*	*	*	*	*	
Wheat	*	*	*	*	*	*	
Maize	23.5	7,130.79	19,311.21	37.8	127,115.71	854,104.75	
Sorghum	37.4	414.27	2,689.63	36.53	2,190.88	13,234.34	
Finger Millet	*	*	*	-	*	*	
Oats/'Aja'	-	*	*	-	*	*	
Rice	-	*	*	-	*	*	
Pulses	32.86	92.44	426.86	36.39	355.28	2,122.80	
Faba Beans	-	*	*	-	*	*	
Field Peas	-	*	*	-	*	*	
Haricot beans	33.92	80.08	397.76	37.04	315.78	1,988.32	
Chick-Peas	*	*	*	*	*	*	
Lentils	*	*	*	-	*	*	
Grass Peas	-	*	*	-	*	*	
Soya Beans	-	*	*	-	*	*	
Fenugreek	*	*	*	-	*	*	
Gibto	-	*	*	-	*	*	
Oilseeds	38.6	59.44	428.82	46.76	74.61	1,711.01	
Neug	*	*	*	-	*	*	
Linseed	48.82	0.11	5.21	-	*	*	
Groundnut	*	*	*	-	*	*	
Sufflower	46.9	9.83	233.51	49.61	15.43	1,099.89	
Sesame	39.07	25.78	194.38	46.49	29.74	640.56	
Rapeseed	-	*	*	-	*	*	

Table 3.1 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	13,487	12,428	12428	-7.85	0.00	340,271	481,973	481,963	41.64	0.00					
Cereals	12,531	12,425	12425	-0.84	0.00	337,885	481,973	481,963	42.64	0.00					
Teff	*	-	-	-	-	*	-	-	-	-	-	-	-	-	-
Barley	470	-	-	*	*	*	-	-	-	-	-	-	-	-	-
Wheat	*	-	-	-	-	*	-	-	-	-	-	-	-	-	-
Maize	11,985	12,386	12386	3.34	0.00	336,347	481,646	481,646	43.20	0.00	28.06	38.89	38.89	38.60	0.00
Sorghum	75	*	*	*	*	1,538	*	*	*	*	20.40	*	*	*	*
Finger Millet	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	*	-	-	*	*	*	-	-	-	-					
Faba Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Field Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Haricot beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Chick-Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	956	*	*	*	*	2,386	-	-	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Groundnut	1	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	954	*	*	*	*	2,386	-	-	*	*	2.5	-	-	*	*
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 3.2 Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	5,602	5,594	5,594	-0.14	0.00	36,059	35,392	35,392	-1.85	0.00					
Cereals	4,827	5,093	5,093	5.52	0.00	32,461	33,260	33,260	2.46	0.00					
Teff	1,784	2,493	2,493	39.70	0.00	8,177	14,900	14,900	82.22	0.00	4.58	5.98	5.98	30.57	0.00
Barley	32	*	*	*	*	227	*	*	*	*	7.20	*	*	*	*
Wheat	30	*	*	*	*	145	*	*	*	*	4.91	*	*	*	*
Maize	791	835	835	5.58	0.00	10,930	8,964	8,964	-17.99	0.00	13.81	10.73	10.73	-22.30	0.00
Sorghum	2,190	1,539	1,539	-29.70	0.00	12,981	7,395	7,395	-43.03	0.00	5.93	4.8	4.8	-19.06	0.00
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	197	260	260	31.85	0.00	760	1,239	1,239	63.00	0.00					
Faba Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Field Pease	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Haricot beans	111	239	239	116.20	0.00	473	1,152	1,152	143.71	0.00	4.28	4.82	4.82	12.62	0.00
Chick-Peas	84	*	*	*	*	287	*	*	*	*	3.44	*	*	*	*
Lentils	3	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	578	241	241	-58.26	0.00	2,838	893	893	-68.54	0.00					
Neug	2	*	*	*	*	*	-	-	-	-	*	-	-	*	*
Linseed	2	3	3	*	*	*	-	-	*	*	*	-	-	*	*
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	141	122	122	*	*	836	558	558	-	-	5.94	4.58	4.58	-	-
Sesame	433	110	110	-74.72	0.00	2,003	335	335	*	0.00	4.62	3.06	3.06	*	0.00
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 4. Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	3,570,812	3,638,543	3,796,974	6.33	4.35	43,854,714	49,220,815	54,077,526	23.31	9.87					
Cereals	2,714,489	2,767,788	2,856,582	5.23	3.21	36,498,651	40,188,475	44,128,113	20.90	9.80					
Teff	907,057	939,488	995,163	9.71	5.93	8,658,240	9,720,064	11,362,768	31.24	16.90	9.55	10.35	11.42	19.58	10.34
Barley	318,420	351,264	340,253	6.86	-3.13	3,964,682	4,702,311	4,761,074	20.09	1.25	12.45	13.39	13.99	12.37	4.48
Wheat	431,486	427,720	405,520	-6.02	-5.19	6,074,888	6,816,127	7,121,286	17.22	4.48	14.08	15.94	17.56	24.72	10.16
Maize	341,084	376,937	403,172	18.20	6.96	7,256,802	8,687,701	9,606,647	32.38	10.58	21.28	23.05	23.83	11.98	3.38
Sorghum	537,624	481,219	482,539	-10.25	0.27	8,515,402	7,891,477	8,356,894	-1.86	5.90	15.84	16.4	17.32	9.34	5.61
Finger Millet	164,649	176,885	201,830	22.58	14.10	1,846,795	2,179,392	2,466,050	33.53	13.15	11.22	12.32	12.22	8.91	-0.81
Oats/'Aja'	8,301	7,658	7,596	*	*	74,017	75,834	77,473	*	*	8.92	9.9	10.2	*	*
Rice	5,868	*	*	*	*	107,825	*	*	*	*	18.38	*	*	*	*
Pulses	585,171	617,361	682,179	16.58	10.50	5,828,794	7,406,889	8,289,952	42.22	11.92					
Faba Beans	210,055	212,907	226,068	7.62	6.18	2,387,016	2,815,740	3,081,421	29.09	9.44	11.36	13.23	13.63	19.98	3.02
Field Pease	85,905	80,342	89,271	3.92	11.11	690,690	802,861	965,721	39.82	20.28	8.04	9.99	10.82	34.58	8.31
Haricot beans	25,308	47,242	61,415	142.67	30.00	175,233	454,538	528,453	201.57	16.26	6.92	9.62	8.6	24.28	-10.60
Chick-Peas	122,967	121,550	136,372	10.90	12.19	1,271,272	1,563,034	1,857,780	46.14	18.86	10.34	12.86	13.62	31.72	5.91
Lentils	50,799	52,790	58,756	15.66	11.30	332,465	396,863	373,743	12.42	-5.83	6.54	7.52	6.36	-2.75	-15.43
Grass Peas	69,288	67,676	64,994	-6.20	-3.96	801,510	1,018,615	1,037,651	29.46	1.87	11.57	15.05	15.97	38.03	6.11
Soya Beans	131	*	*	*	*	330	*	-	-	-	2.52	*	-	*	*
Fenugreek	6,785	8,978	19,639	189.44	118.75	46,964	68,156	143,248	205.02	110.18	6.92	7.59	7.29	5.35	-3.95
Gibto	13,935	25,398	23,243	66.80	-8.48	123,315	287,082	301,935	144.85	5.17	8.85	11.3	12.99	46.78	14.96
Oilseeds	271,152	253,394	258,213	-4.77	1.90	1,527,268	1,625,451	1,659,461	8.66	2.09					
Neug	139,552	116,927	121,156	-13.18	3.62	604,629	539,394	558,552	-7.62	3.55	4.33	4.61	4.61	6.47	0.00
Linseed	45,310	44,975	36,911	-18.54	-17.93	193,651	214,765	185,235	-4.35	-13.75	4.27	4.78	5.02	17.56	5.02
Groundnut	1,076	*	*	*	*	13,545	*	*	*	*	12.59	*	*	*	*
Sunflower	6,053	11,069	8,651	42.93	-21.84	45,392	103,513	123,671	172.45	19.47	7.5	9.35	14.3	90.67	52.94
Sesame	62,279	61,347	67,771	8.82	10.47	489,698	561,143	533,040	8.85	-5.01	7.86	9.15	7.87	0.13	-13.99
Rapeseed	16,883	18,014	22,044	30.57	22.38	180,352	193,679	240,815	33.52	24.34	10.68	10.75	10.92	2.25	1.58

Table 4. Interval Estimates for 2007/08 (2000 E.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	2.38	3,619,681.51	3,974,265.93	2.84	51,065,682.99	57,089,369.69	
Cereals	2.59	2,711,624.70	3,001,538.58	3.1	41,445,858.72	46,810,367.74	
Teff	4.7	903,441.46	1,086,884.68	5.48	10,142,980.56	12,582,554.66	
Barley	8.61	282,824.41	397,681.23	9.36	3,888,042.53	5,634,105.59	
Wheat	7.12	348,890.14	462,149.40	7.78	6,035,196.92	8,207,375.00	
Maize	5.44	360,202.07	446,141.01	5.84	8,507,234.29	10,706,058.95	
Sorghum	8.77	399,569.35	565,508.67	10.38	6,656,090.27	10,057,697.75	
Finger Millet	10.59	159,933.48	243,725.80	11.84	1,894,006.87	3,038,093.67	
Oats/'Aja'	23.69	4,069.45	11,122.75	24.07	40,926.13	114,019.63	
Rice	*	*	*	*	*	*	
Pulses	5.11	613,832.86	750,525.26	6.23	7,277,469.20	9,302,434.14	
Faba Beans	6.02	199,385.14	252,750.68	6.2	2,706,949.60	3,455,892.64	
Field Peas	7.96	75,335.09	103,207.31	8.34	807,918.13	1,123,523.69	
Haricot beans	15.94	42,224.67	80,605.23	20.07	320,601.53	736,303.65	
Chick-Peas	13.55	100,157.76	172,585.60	16.37	1,261,789.61	2,453,769.77	
Lentils	10.99	46,095.60	71,415.90	13.27	276,559.59	470,925.43	
Grass Peas	15.69	45,007.64	84,980.98	16.64	699,276.99	1,376,025.75	
Soya Beans	*	*	*	-	*	*	
Fenugreek	20.93	11,582.10	27,696.36	21.2	83,722.79	202,773.31	
Gibto	18.64	14,751.35	31,735.07	19.93	183,966.18	419,904.70	
Oilseeds	8.47	215,321.97	301,104.07	9.65	1,345,600.24	1,973,322.62	
Neug	11.44	93,991.67	148,319.77	12.43	422,493.55	694,611.29	
Linseed	11.27	28,760.48	45,062.08	13.28	137,033.82	233,435.64	
Groundnut	*	*	*	*	*	*	
Sufflower	19.28	5,381.29	11,921.03	22.56	68,980.69	178,360.73	
Sesame	25.77	33,534.68	102,006.50	26.27	258,576.03	807,503.11	
Rapeseed	11.4	17,120.09	26,968.73	12.03	184,030.34	297,599.64	

Table 4.1 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

North Gonder Zone		TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
Major Crops	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	620,636	612,070	671,031	8.12	9.63	7,486,564	8,342,159	9,164,297	22.41	9.86				
Cereals	444,543	437,938	503,396	13.24	14.95	5,987,470	6,573,368	7,659,917	27.93	16.53					
Teff	125,348	105,860	130,669	4.24	23.44	1,074,416	922,737	1,273,640	18.54	38.03	8.57	8.72	9.75	13.77	11.81
Barley	43,282	57,687	60,783	40.43	5.37	542,574	792,055	883,960	62.92	11.60	12.54	13.73	14.54	15.95	5.90
Wheat	31,658	31,167	47,622	50.42	52.80	418,662	484,038	836,229	99.74	72.76	13.22	15.53	17.56	32.83	13.07
Maize	48,215	50,292	54,136	12.28	7.64	964,984	1,118,566	1,121,255	16.19	0.24	20.01	22.24	20.71	3.50	-6.88
Sorghum	165,569	159,972	164,384	-0.72	2.76	2,572,697	2,748,830	2,846,123	10.63	3.54	15.54	17.18	17.31	11.39	0.76
Finger Millet	28,401	31,383	45,072	58.70	43.62	397,582	495,611	695,434	74.92	40.32	14	15.79	15.43	10.21	-2.28
Oats/'Aja'	1,979	*	*	*	*	15,379	*	*	*	*	7.77	*	*	*	*
Rice	91	-	-	-	-	1,176	-	-	-	-	12.97	-	-	-	-
Pulses	98,977	101,500	87,146	-11.95	2.55	986,875	1,194,971	955,768	21.09	-20.02					
Faba Beans	29,967	28,587	35,256	17.65	23.33	338,117	352,527	447,983	32.49	27.08	11.28	12.33	12.71	12.68	3.08
Field Pease	11,444	11,345	12,816	11.99	12.97	78,037	97,624	114,837	47.16	17.63	6.82	8.61	8.96	31.38	4.07
Haricot beans	2,769	*	*	*	*	10,294	*	*	*	*	3.72	*	*	*	*
Chick-Peas	42,950	41,932	22,225	*	*	473,919	604,960	283,494	*	*	11.03	14.43	12.76	*	*
Lentils	2,896	4,309	*	*	*	19,351	27,392	*	*	*	6.68	6.36	*	*	*
Grass Peas	7,000	*	*	*	*	52,184	57,307	*	*	*	7.45	*	*	*	*
Soya Beans	101	*	-	-	-	131	*	-	-	-	1.3	*	-	-	-
Fenugreek	1,849	2,475	5,079	*	*	14,843	25,576	32,151	*	*	8.03	10.33	6.33	*	*
Gibto	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	77,117	72,632	80,490	4.37	-5.82	512,219	573,820	548,612	7.11	-4.39					
Neug	19,597	14,087	28,917	47.56	105.27	91,128	69,265	144,485	58.55	108.60	4.65	4.92	5	7.53	1.63
Linseed	6,198	7,394	7,257	17.08	-1.85	27,889	37,509	39,766	42.58	6.02	4.5	5.07	5.48	21.78	8.09
Groundnut	4	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Safflower	2,761	3,621	716	*	*	22,602	36,233	6,208	*	*	8.19	10.01	8.67	*	*
Sesame	47,722	46,992	42,474	-11.00	-9.62	362,199	425,774	346,020	-4.47	-18.73	7.59	9.06	8.15	7.38	-10.04
Rapeseed	834	536	1,127	35.19	110.37	8,401	5,038	12,133	-	-	10.08	9.4	10.77	-	-

Table 4.2 Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		
	2005/06	2006/07	of	2007/08 over	2005/06	2006/07	of	2007/08 over	2005/06	2006/07	2005/06	2006/07	of	2007/08 over		
			2007/08													
Total Grains	464,254	489,098	502,569	8.25	2.75	4,566,308	4,977,946	5,375,075	17.71	7.98						
Cereals	347,271	371,534	381,463	9.85	2.67	3,633,336	3,980,675	4,286,400	17.97	7.68						
Teff	123,555	132,821	131,841	6.71	-0.74	1,087,161	1,079,158	1,065,751	-1.97	-1.24	8.80	8.12	8.08	-8.18	-0.49	
Barley	47,536	55,152	54,303	14.24	-1.54	466,821	557,399	603,867	29.36	8.34	9.82	10.11	11.12	13.24	9.99	
Wheat	69,225	60,717	66,214	-4.35	9.05	680,604	631,824	829,970	21.95	31.36	9.83	10.41	12.53	27.47	20.37	
Maize	39,053	45,529	42,512	8.86	-6.63	590,839	727,901	634,212	7.34	-12.87	15.13	15.99	14.92	-1.39	-6.69	
Sorghum	31,158	31,330	27,784	-10.83	-11.32	366,372	410,977	302,808	-17.35	-26.32	11.76	13.12	10.9	-7.31	-16.92	
Finger Millet	30,288	39,059	38,147	25.95	-2.34	328,617	454,790	471,929	43.61	3.77	10.85	11.64	12.37	14.01	6.27	
Oats/'Aja'	678	*	*	*	*	6,273	*	*	*	*	9.25	*	*	*	*	
Rice	5,777	*	*	*	*	106,649	*	*	*	*	18.46	*	*	*	*	
Pulses	79,300	78,010	85,428	7.73	9.51	736,708	794,813	918,190	24.63	15.52						
Faba Beans	22,952	24,525	33,862	47.53	38.08	267,320	294,156	441,386	65.12	50.05	11.65	11.99	13.03	11.85	8.67	
Field Pease	8,896	8,219	11,347	27.56	38.05	62,734	63,681	113,637	81.14	78.45	7.05	7.75	10.01	41.99	29.16	
Haricot beans	7,450	11,664	*	*	*	34,006	57,685	*	*	*	4.56	4.95	*	*	*	
Chick-Peas	15,748	14,524	9,261	*	*	134,945	151,477	68,104	*	*	8.57	10.43	7.35	*	*	
Lentils	3,292	3,976	4,826	46.62	21.40	20,406	25,285	24,473	*	*	6.2	6.36	5.07	*	*	
Grass Peas	16,667	6,285	10,261	*	*	178,107	89,624	151,016	*	*	10.69	14.26	14.72	*	*	
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Fenugreek	74	*	156	*	*	242	*	515	*	*	3.27	*	3.3	*	*	
Gibto	4,223	8,749	4,059	*	-53.61	38,948	*	62,150	*	*	9.22	*	15.31	*	*	
Oilseeds	37,684	39,554	35,678	-5.32	-9.80	196,264	202,457	170,485	-13.13	-15.79						
Neug	26,543	25,195	19,701	-25.78	-21.80	156,552	140,811	76,249	-51.29	-45.85	5.9	5.59	3.87	-34.41	-30.77	
Linseed	8,659	9,337	9,611	11.00	2.93	25,400	33,601	44,770	76.26	33.24	2.93	3.6	4.66	59.04	29.44	
Groundnut	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-	
Sufflower	641	2,151	*	*	*	2,017	10,195	7,493	271.53	*	3.15	4.74	*	*	*	
Sesame	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-	
Rapeseed	1,842	2,603	4,691	154.68	80.20	12,295	17,851	41,973	241.39	135.13	6.68	6.86	8.95	33.98	30.47	

Table 4.3 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	232,674	252,657	256,082	10.06	1.36	2,706,403	3,074,448	3,389,191	25.23	10.24					
Cereals	185,322	193,679	182,535	-1.50	-5.75	2,262,790	2,414,090	2,505,608	10.73	3.79					
Teff	58,382	64,416	54,185	-7.19	-15.88	496,942	629,750	599,402	20.62	-4.82	8.51	9.78	11.06	29.96	13.09
Barley	29,754	38,220	37,736	26.83	-1.27	425,565	544,983	551,534	29.60	1.20	14.3	14.26	14.62	2.24	2.52
Wheat	27,053	23,819	37,139	37.28	55.92	333,142	293,180	506,731	52.11	72.84	12.31	12.31	13.64	10.80	10.80
Maize	6,268	6,826	5,549	-11.47	-18.71	82,665	91,540	85,162	3.02	-6.97	13.19	13.41	15.35	16.38	14.47
Sorghum	60,065	54,209	45,016	-25.06	-16.96	881,507	779,626	734,447	-16.68	-5.79	14.68	14.38	16.32	11.17	13.49
Finger Millet	2,155	4,039	*	*	*	26,343	53,461	*	*	*	12.22	13.24	*	*	*
Oats/'Aja'	1,644	2,149	*	*	*	16,625	21,550	*	*	*	10.12	10.03	*	*	*
Rice	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Pulses	41,617	51,659	67,306	61.73	30.29	412,636	620,306	842,788	104.25	35.87					
Faba Beans	12,296	14,791	15,136	23.10	2.33	133,391	198,612	217,290	62.90	9.40	10.85	13.43	14.36	32.35	6.92
Field Pease	7,974	11,753	11,185	40.27	-4.83	79,925	160,924	176,543	120.89	9.71	10.02	13.69	15.78	57.49	15.27
Haricot beans	859	2,041	*	*	*	1,523	9,485	*	*	*	1.77	4.65	*	*	*
Chick-Peas	8,620	9,233	12,089	40.23	30.92	91,920	107,937	152,932	66.37	41.69	10.66	11.69	12.65	18.67	8.21
Lentils	8,700	10,669	12,375	42.24	15.99	68,204	95,857	80,336	17.79	-16.19	7.84	8.98	6.49	-17.22	-27.73
Grass Peas	2,346	2,082	8,457	260.54	306.29	31,245	38,464	166,222	431.99	332.15	13.32	18.48	19.65	47.52	6.33
Soya Beans	25	-	-	-	-	195	-	-	-	-	7.7	-	-	-	-
Fenugreek	798	1,090	3,081	*	182.64	6,232	*	*	*	*	7.81	*	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	5,735	7,319	6,240	8.80	-14.74	30,977	40,052	40,795	31.69	1.85					
Neug	967	1,206	818	*	*	1,980	3,618	2,431	*	*	2.05	3	2.97	44.88	-1.00
Linseed	3,711	4,911	4,145	11.68	-15.60	20,529	27,918	21,347	3.98	-23.54	5.53	5.68	5.15	-6.87	-9.33
Groundnut	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	264	*	*	*	*	1,559	*	*	*	*	5.9	*	*	*	*
Sesame	777	*	*	*	*	6,909	*	*	*	*	8.89	*	*	*	*
Rapeseed	15	*	*	*	*	*	-	-	*	*	*	-	-	*	*

Table 4.4 Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2005/06	2006/07	2005/06	2006/07	of	2005/06	2006/07
			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	394,130	412,620	407,449	3.38	-1.25	4,761,208	5,292,141	5,848,073	22.83	10.50					
Cereals	289,738	296,612	272,070	-6.10	-8.27	3,798,347	3,893,106	4,108,601	8.17	5.54					
Teff	74,484	97,985	102,451	37.55	4.56	758,324	1,094,032	1,314,562	73.35	20.16	10.18	11.17	12.83	26.03	14.86
Barley	35,735	33,641	36,916	3.30	9.73	448,555	403,589	481,021	7.24	19.19	12.55	12.00	13.03	3.82	8.58
Wheat	84,667	83,353	75,223	-11.15	-9.75	1,046,328	1,135,984	1,347,714	28.80	18.64	12.36	13.63	17.92	44.98	31.47
Maize	10,579	11,673	17,881	69.02	53.18	170,373	190,250	316,553	85.80	66.39	16.1	16.30	17.7	9.94	8.59
Sorghum	78,161	64,872	35,650	-54.39	-45.05	1,304,602	1,007,397	598,187	-54.15	-40.62	16.69	15.53	16.78	0.54	8.05
Finger Millet	3,001	1,854	690	-77.02	-62.82	35,555	25,147	9,646	*	-61.64	11.85	13.56	13.99	*	3.17
Oats/Aja'	3,110	3,169	3,259	*	*	34,611	36,706	40,918	*	*	11.13	11.58	12.55	*	*
Rice	*	*	-	*	*	*	-	-	-	*	*	-	-	*	*
Pulses	94,798	106,261	127,153	34.13	19.66	917,467	1,346,505	1,686,269	83.80	25.23					
Faba Beans	28,315	32,907	33,146	17.06	0.73	318,431	485,545	521,783	63.86	7.46	11.25	14.75	15.74	39.91	6.71
Field Pease	16,782	13,457	18,323	9.18	36.16	144,117	145,919	189,760	31.67	30.04	8.59	10.84	10.36	20.61	-4.43
Haricot beans	4,868	10,303	12,007	146.66	16.54	57,267	182,181	199,246	247.93	9.37	11.76	17.68	16.59	41.07	-6.17
Chick-Peas	13,522	17,699	22,290	64.85	25.94	159,970	256,643	392,730	145.50	53.03	11.83	14.5	17.62	48.94	21.52
Lentils	20,901	18,928	15,076	-27.87	-20.35	129,371	134,861	105,932	-18.12	-21.45	6.19	7.12	7.03	13.57	-1.26
Grass Peas	7,541	9,422	17,604	133.46	86.83	90,447	120,469	212,890	135.38	76.72	11.99	12.79	12.09	0.83	-5.47
Soya Beans	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	2,870	3,508	8,706	203.35	148.19	17,866	20,887	63,928	257.81	206.06	6.23	5.95	7.34	17.82	23.36
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	9,595	9,747	8,226	-14.26	-15.60	45,393	52,530	53,204	17.21	1.28					
Neug	2,961	5,112	5,165	74.45	1.03	13,117	24,190	33,773	157.48	39.62	4.43	4.73	6.54	47.63	38.27
Linseed	5,798	3,469	2,932	-49.43	-15.48	27,173	20,222	18,877	-30.53	-6.65	4.69	5.83	6.44	37.31	10.46
Groundnut	1	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Sunflower	577	*	*	*	*	3,290	2,643	*	*	*	5.7	*	*	*	*
Sesame	224	*	-	*	*	1,729	*	-	*	*	7.71	*	-	*	*
Rapeseed	34	264	*	*	*	84	814	*	*	*	2.44	3.08	*	*	*

Table 4.5 Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	454,884	458,289	505,034	11.02	10.20	6,909,934	8,087,975	9,155,156	32.49	13.19					
Cereals	339,162	349,591	365,290	7.70	4.49	5,837,829	6,819,980	7,653,522	31.10	12.22					
Teff	100,589	124,491	130,499	29.73	4.83	1,404,604	1,988,777	2,316,831	64.95	16.50	13.96	15.98	17.75	27.15	11.08
Barley	52,073	55,887	57,508	10.44	2.90	896,830	979,970	1,071,651	19.49	9.36	17.22	17.54	18.63	8.19	6.21
Wheat	73,725	80,910	62,289	-15.51	-23.02	1,540,367	2,151,846	1,727,328	12.14	-19.73	20.89	26.6	27.73	32.74	4.25
Maize	5,652	6,858	9,378	65.91	36.75	105,627	141,438	207,994	96.91	47.06	18.69	20.62	22.18	18.67	7.57
Sorghum	106,433	81,215	104,724	-1.61	28.95	1,890,074	1,556,705	2,322,284	22.87	49.18	17.76	19.17	22.18	24.89	15.70
Finger Millet	*	-	*	*	*	*	-	-	-	-	*	-	-	*	*
Oats/'Aja'	690	125	*	*	*	326	*	*	*	*	0.47	*	*	*	*
Rice	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pulses	102,506	91,443	127,225	24.11	39.13	998,239	1,148,347	1,416,102	41.86	23.32					
Faba Beans	46,936	40,025	39,486	-15.87	-1.35	535,295	609,149	545,396	1.89	-10.47	11.4	15.22	13.81	21.14	-9.26
Field Pease	15,099	10,644	8,345	-44.73	-21.60	105,398	104,868	94,883	-9.98	-9.52	6.98	9.85	11.37	62.89	15.43
Haricot beans	2,767	6,538	10,421	276.57	59.40	15,191	74,550	69,592	*	-6.65	5.49	11.4	6.68	*	-41.40
Chick-Peas	21,244	16,477	45,831	115.73	178.15	210,885	189,382	521,777	147.42	175.52	9.93	11.49	11.38	14.60	-0.96
Lentils	10,555	10,933	16,689	58.11	52.65	66,032	89,438	104,464	58.20	16.80	6.26	8.18	6.26	0.00	-23.47
Grass Peas	4,931	5,611	*	*	*	58,834	72,496	*	*	*	11.93	12.92	*	*	*
Soya Beans	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	973	1,215	1,672	71.83	37.68	6,604	8,464	12,325	86.63	28.17	6.78	6.97	7.37	*	*
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oilseeds	13,217	17,255	12,518	-5.28	-27.45	73,866	119,649	85,532	15.79	-28.51					
Neug	935	1,861	2,513	168.76	35.02	3,101	6,146	9,401	203.11	52.97	3.32	3.3	3.74	12.65	13.33
Linseed	7,762	7,400	4,654	-40.05	-37.11	37,319	32,957	20,039	-46.30	-39.19	4.81	4.45	4.31	-10.40	-3.15
Groundnut	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	731	*	2,486	*	*	5,089	24,468	26,510	*	8.34	6.96	*	10.66	*	*
Sesame	3,625	5,378	2,783	-23.22	-48.24	26,700	53,697	28,312	6.04	-47.28	7.36	9.99	10.17	38.18	1.80
Rapeseed	163	169	*	*	*	1,656	2,381	*	*	*	10.14	14.11	*	*	*

Table 4.6 Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	484,576	514,134	551,788	13.87	7.32	5,629,884	6,749,044	8,319,746	47.78	23.27					
Cereals	382,664	402,075	443,743	15.96	10.36	4,690,851	5,462,424	6,863,530	46.32	25.65					
Teff	181,273	197,697	214,724	18.45	8.61	1,815,308	2,154,606	2,650,471	46.01	23.01	10.01	10.90	12.34	23.28	13.21
Barley	45,248	47,322	43,371	-4.15	-8.35	460,494	585,758	552,690	20.02	-5.65	10.18	12.38	12.74	25.15	2.91
Wheat	88,242	84,912	81,906	-7.18	-3.54	1,206,709	1,158,889	1,332,879	10.46	15.01	13.68	13.65	16.27	18.93	19.19
Maize	37,760	48,368	56,751	50.29	17.33	676,909	1,108,322	1,487,758	119.79	34.24	17.93	22.91	26.22	46.24	14.45
Sorghum	29,682	22,979	42,088	*	*	529,006	444,248	777,924	*	*	17.82	19.33	18.48	3.70	-4.40
Finger Millet	459	*	*	*	*	2,424	*	*	*	*	5.28	*	*	*	*
Oats/Aja'	*	-	-	*	*	*	-	-	*	*	*	-	-	*	*
Rice	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Pulses	70,382	85,848	84,629	20.24	-1.42	778,211	1,133,002	1,323,494	70.07	16.81					
Faba Beans	32,628	35,888	28,110	-13.85	-21.67	382,591	428,870	367,699	-3.89	-14.26	11.73	11.95	13.08	11.51	9.46
Field Pease	10,375	11,497	11,555	11.37	0.51	82,238	95,087	119,942	45.85	26.14	7.93	8.27	10.38	30.90	25.51
Haricot beans	474	*	8,011	*	*	5,310	*	84,326	*	*	11.19	*	10.53	*	*
Chick-Peas	6,454	8,578	*	*	*	61,046	111,859	*	*	*	9.46	13.04	*	*	*
Lentils	1,761	1,270	607	*	*	9,765	*	*	*	*	5.54	*	*	*	*
Grass Peas	17,958	23,989	14,808	-17.54	-38.27	231,649	441,915	348,874	50.60	-21.05	12.9	18.42	23.56	82.64	27.90
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	115	154	*	*	*	581	929	4,764	*	*	5.05	6.02	*	*	*
Gibto	616	1,824	*	*	*	5,031	*	*	*	*	8.16	*	*	*	*
Oilseeds	31,530	26,210	23,416	-25.73	-10.66	160,822	153,618	132,722	-17.47	-13.60					
Neug	20,295	15,544	17,031	-16.09	9.56	77,525	68,624	79,319	2.31	15.58	3.82	4.41	4.66	21.99	5.67
Linseed	5,917	4,569	*	*	*	22,815	23,744	*	*	*	3.86	5.2	*	*	*
Groundnut	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	34	*	*	*	*	200	*	*	*	*	5.95	*	*	*	*
Sesame	2,812	*	*	*	*	32,128	*	*	*	*	11.43	*	*	*	*
Rapeseed	2,471	2,319	1,841	-25.49	-20.59	28,153	23,634	20,815	-26.07	-11.93	11.39	10.19	11.3	-0.79	10.89

Table 4.7 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Gojam Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	514,988	508,661	507,806	-1.39	-0.17	6,970,770	7,706,803	7,450,881	6.89	-3.32					
Cereals	388,193	393,674	404,498	4.20	2.75	5,952,305	6,622,230	6,468,987	8.68	-2.31					
Teff	133,209	118,347	143,183	7.49	20.99	1,124,256	986,535	1,278,133	13.69	29.56	8.44	8.34	8.93	5.81	7.07
Barley	31,793	32,193	22,664	-28.71	-29.60	402,951	473,297	297,285	-26.22	-37.19	12.67	14.7	13.12	3.55	-10.75
Wheat	37,229	46,820	18,537	-50.21	-60.41	643,836	753,443	309,225	-51.97	-58.96	17.29	16.09	16.68	-3.53	3.67
Maize	133,776	143,282	153,293	14.59	6.99	3,235,131	3,803,984	3,958,438	22.36	4.06	24.18	26.55	25.82	6.78	-2.75
Sorghum	2,398	*	*	*	*	37,490	*	*	*	*	15.63	*	*	*	*
Finger Millet	49,772	49,206	62,424	25.42	26.86	508,516	542,675	558,099	9.75	2.84	10.22	11.03	8.94	-12.52	-18.95
Oats/'Aja'	15	*	*	*	*	126	*	*	-	-	8.18	*	*	-	-
Rice	*	-	-	*	*	*	*	-	-	-	*	-	-	-	-
Pulses	67,365	69,186	55,732	-17.27	-19.45	711,194	801,996	649,051	-8.74	-19.07					
Faba Beans	26,175	24,030	25,503	-2.57	6.13	289,878	287,000	309,906	6.91	7.98	11.07	11.94	12.15	9.76	1.76
Field Pease	10,743	8,938	9,910	-7.75	10.88	97,390	90,669	88,967	-8.65	-1.88	9.07	10.14	8.98	-0.99	-11.44
Haricot beans	1,534	*	5,116	*	*	12,464	*	37,182	*	*	8.13	*	7.27	*	*
Chick-Peas	11,958	10,849	*	*	*	119,092	117,037	*	*	*	9.96	10.79	*	*	*
Lentils	231	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Grass Peas	12,203	12,443	*	*	*	152,733	189,170	*	*	*	12.52	15.2	*	*	*
Soya Beans	*	-	-	-	-	*	*	-	-	-	*	-	-	-	-
Fenugreek	58	370	*	*	*	318	*	708	*	*	5.45	*	*	*	*
Gibto	4,463	9,356	9,339	109.26	-0.18	39,320	100,200	149,245	279.56	48.95	8.81	10.71	15.98	81.38	49.21
Oilseeds	59,430	45,801	47,576	-19.95	3.88	307,271	282,577	332,843	8.32	17.79					
Neug	44,238	31,046	27,546	-37.73	-11.27	172,503	134,960	121,531	-29.55	-9.95	3.9	4.35	4.41	13.08	1.38
Linseed	4,712	4,360	3,606	-23.48	-17.31	21,407	22,983	17,066	-20.28	-25.75	4.54	5.27	4.73	4.19	-10.25
Groundnut	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	51	*	1,191	*	*	108	*	49,171	-	-	2.11	*	41.27	*	*
Sesame	830	*	*	*	*	3,536	*	*	-	-	4.26	*	*	*	*
Rapeseed	9,599	10,043	10,587	10.29	5.42	109,718	119,199	118,800	8.28	-0.33	11.43	11.87	11.22	-1.84	-5.48

Table 4.8 Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	96,343	98,250	101,500	5.35	3.31	1,117,813	1,189,853	1,204,140	7.72	1.20					
Cereals	78,160	78,235	68,511	-12.35	-12.43	931,634	963,711	796,481	-14.51	-17.35					
Teff	23,865	21,334	18,382	-22.97	-13.84	232,596	218,781	187,615	-19.34	-14.25	9.75	10.25	10.21	4.72	-0.39
Barley	16,395	19,257	20,029	22.17	4.01	187,727	240,823	239,395	27.52	-0.59	11.45	12.51	11.95	4.37	-4.48
Wheat	8,337	8,289	9,161	9.89	10.52	95,899	116,593	132,549	38.22	13.69	11.50	14.07	14.47	25.83	2.84
Maize	2,173	2,684	1,981	-8.85	-26.21	24,490	33,686	22,921	-6.41	-31.96	11.27	12.55	11.57	2.66	-7.81
Sorghum	26,813	25,679	18,569	-30.75	-27.69	386,361	345,577	212,447	-45.01	-38.52	14.41	13.46	11.44	-20.61	-15.01
Finger Millet	496	992	371	-25.13	-62.60	4,561	8,252	1,555	-65.90	-81.15	9.20	8.32	4.19	-54.46	-49.64
Oats/Aja'	82	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	14,886	16,218	26,949	81.04	66.17	159,065	196,936	321,682	102.23	63.34					
Faba Beans	7,819	8,567	11,532	47.48	34.62	92,171	119,432	171,797	86.39	43.85	11.79	13.94	14.9	26.38	6.89
Field Pease	2,579	2,457	3,971	53.95	61.63	28,263	28,510	51,543	82.37	80.79	10.96	11.6	12.98	18.43	11.90
Haricot beans	1,382	2,188	3,087	123.42	41.11	12,523	22,155	25,806	106.07	16.48	9.06	10.13	8.36	-7.73	-17.47
Chick-Peas	687	1,229	4,766	593.32	287.92	7,008	12,554	48,082	586.12	283.02	10.19	10.22	10.09	-0.98	-1.27
Lentils	2,398	1,743	3,500	45.95	100.80	18,944	14,035	24,233	27.92	72.66	7.9	8.05	6.92	-12.41	-14.04
Grass Peas	1	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	19	35	47	141.66	35.07	157	251	222	*	*	8.12	7.28	4.75	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	3,296	3,797	6,040	83.23	59.08	27,115	29,206	*	*	*					
Neug	314	692	550	75.09	-20.55	1,750	4,410	2,820	61.19	-36.05	5.57	6.37	5.13	-7.90	-19.47
Linseed	1,692	2,306	2,007	18.59	-12.99	9,269	13,011	12,377	33.54	-4.87	5.48	5.64	6.17	12.59	9.40
Groundnut	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	728	535	730	0.29	36.57	7,711	6,588	9,903	28.43	50.34	10.59	12.32	13.57	28.14	10.15
Sesame	558	*	*	*	*	8,379	*	*	*	*	15.01	*	*	*	*
Rapeseed	4	*	*	*	*	7	*	81	*	*	1.98	*	*	*	*

Table 4.9 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	254,105	236,552	234,881	-7.57	-0.71	2,942,547	3,012,888	3,357,904	14.12	11.45					
Cereals	211,562	194,898	184,288	-12.89	-5.44	2,706,035	2,741,097	3,044,531	12.51	11.07					
Teff	79,655	67,617	56,823	-28.66	-15.96	584,563	528,491	498,561	-14.71	-5.66	7.34	7.82	8.77	19.48	12.15
Barley	16,258	11,448	6,133	-62.28	-46.43	129,260	119,388	70,497	-45.46	-40.95	7.95	10.43	11.49	44.53	10.16
Wheat	11,308	7,644	7,062	-37.55	-7.61	109,133	88,889	92,040	-15.66	3.54	9.65	11.63	13.03	35.03	12.04
Maize	52,688	55,706	54,431	3.31	-2.29	1,322,868	1,386,706	1,666,125	25.95	20.15	25.11	24.89	30.61	21.90	22.98
Sorghum	1,745	3,049	*	*	*	18,563	*	*	*	*	10.64	*	*	*	*
Finger Millet	49,821	49,346	49,039	-1.57	-0.62	541,089	586,702	652,488	20.59	11.21	10.86	11.89	13.31	22.56	11.94
Oats/Aja'	88	*	-	*	*	561	*	-	*	*	6.4	*	-	*	*
Rice	*	-	-	*	*	*	-	-	*	*	*	-	-	*	*
Pulses	13,250	14,451	14,412	8.77	-0.27	105,797	142,799	126,243	19.33	-11.59					
Faba Beans	2,759	3,504	3,585	29.95	2.32	26,601	38,960	50,365	89.34	29.27	9.64	11.12	14.05	45.75	26.35
Field Pease	1,672	1,331	948	-43.29	-28.79	8,718	*	7,058	*	*	5.22	*	7.45	*	*
Haricot beans	2,219	*	*	*	*	16,631	*	*	*	*	7.5	*	*	*	*
Chick-Peas	1,294	*	-	*	*	7,394	*	-	-	-	5.72	*	-	-	-
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	642	*	*	*	*	6,311	*	-	-	-	9.82	*	*	-	-
Soya Beans	4	*	*	*	*	4	-	-	-	-	0.85	-	-	-	-
Fenugreek	28	62	*	*	*	122	284	*	*	*	4.4	4.56	*	*	*
Gibto	4,633	5,467	6,680	44.20	22.19	40,016	60,954	60,926	52.25	-0.04	8.64	11.15	9.12	5.56	-18.21
Oilseeds	29,293	27,203	36,181	23.52	33.00	130,715	128,992	187,131	43.16	45.07					
Neug	23,476	21,992	18,770	-20.05	-14.65	85,428	86,020	87,426	2.34	1.63	3.64	3.91	4.66	28.02	19.18
Linseed	805	1,134	887	*	*	1,751	2,608	2,062	*	*	2.18	2.3	2.32	*	*
Groundnut	1,036	*	*	*	*	13,397	*	*	*	*	12.93	*	*	*	*
Sufflower	13	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	2,125	*	*	*	*	10,330	*	*	*	*	4.86	*	*	*	*
Rapeseed	1,837	1,957	3,567	94.10	82.27	19,810	24,132	45,184	128.08	87.23	10.78	12.33	12.67	17.53	2.76

Table 4.10 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Oromia Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	54,221	56,213	54,838.39	1.14	-2.45	763,283	787,559	745,225	-2.37	-5.38				
Cereals	47,873	49,551	47,367.90	-1.06	-4.41	698,055	717,795	683,373	-2.10	-4.80					
Teff	6,697	8,920	11,773.35	75.81	31.99	80,070	117,197	170,430	112.85	45.42	11.96	13.14	14.48	21.07	10.20
Barley	346	457	733.49	111.84	60.44	3,905	5,050	7,875	101.67	55.94	11.28	11.05	10.74	-4.79	-2.81
Wheat	42	*	*	*	*	208	*	*	*	*	4.94	*	*	*	*
Maize	4,919	5,719	6,877.64	39.81	20.27	82,915	85,308	98,153	18.38	15.06	16.86	14.92	14.27	-15.36	-4.36
Sorghum	35,599	34,157	27,119.47	-23.82	-20.60	528,730	506,611	394,717	-25.35	-22.09	14.85	14.83	14.55	-2.02	-1.89
Finger Millet	255	208	*	*	*	2,108	*	*	*	*	8.26	*	*	*	*
Oats/Aja'	14	*	*	*	*	117	*	*	*	*	8.12	*	*	*	*
Rice	*	-	-	-	-	-	-	-	-	-	*	-	-	*	*
Pulses	2,091	2,786	5,854.83	179.98	110.18	22,603	27,214	42,560	88.30	56.39					
Faba Beans	207	*	*	*	*	3,222	*	*	*	*	15.6	*	*	*	*
Field Pease	343	*	864.36	*	*	3,870	*	8,518	*	*	11.29	*	9.85	*	*
Haricot beans	986	1,498	2,819.85	185.95	88.26	10,025	14,066	15,347	*	*	10.17	9.39	5.44	-46.51	-42.07
Chick-Peas	490	422	850.55	*	*	5,094	4,349	*	*	*	10.4	10.3	*	*	*
Lentils	65	*	556.48	*	*	392	*	*	*	*	6.04	*	*	*	*
Grass Peas	*	*	*	*	*	*	-	-	*	*	*	-	-	-	-
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	1	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Oilseeds	4,256	3,876	1,615.65	-62.04	-58.32	42,626	42,550	19,292	-54.74	-54.66					
Neug	226	191	140.85	-37.73	-26.18	1,545	1,350	1,074	-30.48	-20.43	6.83	7.08	7.63	11.71	7.77
Linseed	56	94	82.96	*	*	98	213	204	*	*	1.76	2.26	2.46	*	*
Groundnut	35	*	*	*	*	149	300	*	*	*	4.3	*	*	*	*
Sufflower	252	378	626.45	148.38	65.83	2,816	4,180	8,677	208.17	107.57	11.16	11.07	13.85	24.10	25.11
Sesame	3,605	3,045	698.03	-80.64	-77.07	37,790	35,878	8,825	-76.65	-75.40	10.48	11.78	12.64	20.61	7.30
Rapeseed	83	111	*	*	*	229	*	*	*	*	2.76	*	*	*	*

Table 4.11 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Argoba special Wereda																
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)					
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		
	2005/06	2006/07		2007/08	2005/06	2006/07	2005/06		2006/07	2007/08	2005/06	2006/07		2005/06	2006/07	2007/08
Total Grains			3,995.61					67,838								
Cereals			3,419.34					57,165								
Teff			633.07					7,372								11.64
Barley			76.67					1,299								16.95
Wheat			35.87					439								12.24
Maize			381.32					8,076								21.18
Sorghum			2,247.78					39,358								17.51
Finger Millet			22.3					285								12.78
Oats/'Aja'			*					*								*
Rice			-					-								-
Pulses			344.36					7,805								
Faba Beans			*					*								*
Field Pease			6.84					34								5.02
Haricot beans			309.47					7,610								24.59
Chick-Peas			*					*								*
Lentils			*					48								*
Grass Peas			*					*								*
Soya Beans			-					-								-
Fenugreek			*					*								*
Gibto			-					-								-
Oilseeds			231.92					2,869								
Neug			6.12					43								6.98
Linseed			11.96					80								6.67
Groundnut			*					-								-
Sufflower			88.23					653								7.4
Sesame			123.19					2,090								16.97
Rapeseed			*					*								*

Table 5. Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Oromia Region

Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)			
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		
	2005/06	2006/07		2007/08	2005/06	2006/07	2005/06		2006/07	2007/08	2005/06	2006/07		2005/06	2006/07	2007/08
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	
Total Grains	4,720,123	4,865,726	4,990,411	5.73	2.56	67,727,141	73,839,284	81,176,296	19.86	9.94						
Cereals	3,835,235	3,997,499	4,100,742	6.92	2.58	60,285,657	65,351,113	72,136,600	19.66	10.38						
Teff	985,666	1,082,756	989,084	0.35	-8.65	10,224,520	11,335,912	12,143,039	18.76	7.12	10.37	10.47	12.28	18.42	17.29	
Barley	514,377	477,231	485,320	-5.65	1.69	6,929,575	6,597,459	7,432,239	7.25	12.65	13.47	13.82	15.31	13.66	10.78	
Wheat	816,572	809,196	864,295	5.84	6.81	13,177,061	14,272,863	16,415,625	24.58	15.01	16.14	17.64	18.99	17.66	7.65	
Maize	858,096	948,732	1,031,035	20.15	8.68	20,317,484	22,158,048	23,851,724	17.40	7.64	23.68	23.36	23.13	-2.32	-0.98	
Sorghum	542,046	563,245	623,693	15.06	10.73	8,176,429	9,454,485	10,707,714	30.96	13.26	15.08	16.79	17.17	13.86	2.26	
Finger Millet	83,578	92,254	79,952	-4.34	-13.33	1,141,465	1,252,987	1,300,123	13.90	3.76	13.66	13.58	16.26	19.03	19.73	
Oats/Aja'	34,795	23,921	23,594	-32.19	-1.37	317,983	276,833	282,989	-11.01	2.22	9.14	11.57	11.99	31.18	3.63	
Rice	106	164	*	*	*	1,140	2,527	*	*	*	10.79	15.45	*	*	*	
Pulses	487,975	519,020	530,013	8.61	2.12	5,010,423	6,123,383	6,541,383	30.56	6.83						
Faba Beans	170,873	173,037	205,096	20.03	18.53	1,995,774	2,190,093	2,600,326	30.29	18.73	11.68	12.66	12.68	8.56	0.16	
Field Pease	92,858	90,389	82,805	-10.83	-8.39	711,166	879,865	871,547	22.55	-0.95	7.66	9.73	10.53	37.47	8.22	
Haricot beans	85,170	104,104	115,415	35.51	10.87	783,903	1,117,298	1,273,801	62.49	14.01	9.2	10.73	11.04	20.00	2.89	
Chick-Peas	59,060	57,648	43,768	-25.89	-24.08	689,229	792,046	654,879	-4.98	-17.32	11.67	13.74	14.96	28.19	8.88	
Lentils	28,584	33,724	31,493	10.18	-6.62	207,208	329,921	335,875	62.10	1.80	7.25	9.78	10.67	47.17	9.10	
Grass Peas	44,582	45,177	40,853	-8.37	-9.57	563,322	674,166	720,876	27.97	6.93	12.64	14.92	17.65	39.64	18.30	
Soya Beans	2,510	4,322	3,282	*	-24.06	34,543	50,411	32,693	*	*	13.76	11.66	9.96	*	*	
Fenugreek	4,339	10,547	7,296	68.17	-30.82	25,277	89,583	51,386	103.29	-42.64	5.83	8.49	7.04	20.75	-17.08	
Gibto	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Oilseeds	396,913	349,207	359,656	-9.39	2.99	2,431,061	2,364,788	2,498,313	2.77	5.65						
Neug	144,965	137,199	143,369	-1.10	4.50	737,942	780,536	915,337	24.04	17.27	5.09	5.69	6.38	25.34	12.13	
Linseed	157,345	115,248	129,180	-17.90	12.09	1,001,867	787,731	885,191	-11.65	12.37	6.37	6.84	6.85	7.54	0.15	
Groundnut	27,588	28,529	20,759	-24.75	-27.24	251,903	376,555	278,762	10.66	-25.97	9.13	13.2	13.43	47.10	1.74	
Sufflower	1,835	1,192	2,406	31.14	101.94	9,000	4,019	*	*	*	4.9	3.37	*	*	#####	
Sesame	57,745	55,679	51,021	-11.64	-8.37	369,979	323,724	294,156	-20.49	-9.13	6.41	5.81	5.77	-9.98	-0.69	
Rapeseed	7,435	11,360	12,920	73.78	13.74	60,370	92,223	108,361	79.50	17.50	8.12	8.12	8.39	3.33	3.33	

Table .5. Interval Estimates for 2007/08 (2000 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	2.41	4,754,518.96	5,226,302.52	2.97	76,449,803.78	85,902,788.22
Cereals	2.52	3,897,891.64	4,303,591.64	3.14	67,699,830.70	76,573,369.56
Teff	5.02	891,757.27	1,086,410.43	5.97	10,723,026.36	13,563,052.56
Barley	9.21	397,698.98	572,940.66	9.43	6,058,825.80	8,805,652.56
Wheat	6.79	749,316.80	979,273.76	8.42	13,705,738.61	19,125,512.11
Maize	4.75	935,071.40	1,126,999.18	5.74	21,166,826.13	26,536,621.95
Sorghum	6.14	548,618.78	698,768.18	6.56	9,331,209.44	12,084,219.20
Finger Millet	10.82	62,997.25	96,907.13	12.22	988,696.00	1,611,549.12
Oats/'Aja'	16.9	15,777.80	31,409.24	20.99	166,540.54	399,436.68
Rice	*	*	*	*	*	*
Pulses	5.02	477,888.89	582,136.67	5.96	5,776,725.21	7,306,040.11
Faba Beans	7.27	175,874.72	234,316.98	8.29	2,177,570.08	3,023,082.32
Field Peas	9.5	67,388.83	98,221.11	10.98	684,028.34	1,059,064.90
Haricot beans	10.38	91,932.82	138,897.64	10.85	1,002,825.19	1,544,777.31
Chick-Peas	18.67	27,752.26	59,784.58	18.87	412,711.14	897,047.56
Lentils	19.08	19,713.00	43,272.16	27.6	154,164.65	517,584.43
Grass Peas	19.24	25,443.98	56,261.80	20.75	427,710.87	1,014,040.51
Soya Beans	29.81	1,364.44	5,199.18	42.78	5,282.51	60,103.05
Fenugreek	22.96	4,013.01	10,579.67	21.48	29,756.11	73,016.33
Gibto	*	*	*	*	*	*
Oilseeds	7.68	305,539.68	413,772.96	10.67	1,975,710.04	3,020,916.38
Neug	9.24	117,403.00	169,334.80	11.13	715,726.25	1,114,947.25
Linseed	15.7	89,431.69	168,929.13	22.96	486,865.32	1,283,517.20
Groundnut	34.49	6,726.50	34,791.74	37.41	74,341.61	483,183.07
Sufflower	43.99	331.61	4,480.77	*	*	*
Sesame	19.84	31,179.37	70,863.25	22.52	164,345.69	423,965.77
Rapeseed	20.67	7,685.03	18,155.71	24.85	55,576.83	161,145.21

Table 5.1 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains		201,308.41	210,918		4.77		2,909,747	3,028,443		4.08					
Cereals		164,801.01	169,471		2.83		2,696,054	2,764,983		2.56					
Teff		21,761.16	27,100		24.53		110,340	157,114		42.39		5.07	5.8		14.40
Barley		2,396.83	1,621		-32.38		29,006	16,445		-43.30		12.1	10.15		-16.12
Wheat		2,909.12	1,803		-38.03		27,805	21,081		-24.18		9.56	11.69		22.28
Maize		63,763.76	64,766		1.57		1,453,344	1,330,886		-8.43		22.79	20.55		-9.83
Sorghum		45,112.15	46,597		3.29		741,086	890,599		20.17		16.43	19.11		16.31
Finger Millet		28,817.36	27,532		-4.46		334,430	348,857		4.31		11.61	12.67		9.13
Oats/Aja'		*	*		*		*	*		*		*	*		*
Rice		*	*		*		*	*		*		*	*		*
Pulses		12,988.09	12,549		-3.38		120,244	133,345		10.89					
Faba Beans		3,440.15	3,038		-11.69		38,763	33,522		-13.52		11.27	11.03		-2.13
Field Pease		2,310.82	1,615		-30.11		15,318	17,540		14.50		6.63	10.86		63.80
Haricot beans		6,622.72	7,100		7.21		58,789	70,442		19.82		8.88	9.92		11.71
Chick-Peas		*	*		*		*	*		*		*	*		*
Lentils		*	*		*		*	*		*		*	*		*
Grass Peas		76.18	*		*		*	*		*		*	*		*
Soya Beans		*	*		*		*	*		*		*	*		*
Fenugreek		*	*		*		*	*		*		*	*		*
Gibto		*	*		*		*	*		*		*	*		*
Oilseeds		23,519.31	28,898		22.87		93,449	130,115		39.24					
Neug		16,573.71	18,778		13.30		67,298	79,826		18.62		4.06	4.25		4.68
Linseed		248.94	667		167.88		437	1,372		213.79		1.76	2.06		17.05
Groundnut		129.22	*		*		1,360	*		*		10.53	*		*
Sufflower		*	*		*		*	*		*		*	*		*
Sesame		5,597.00	*		*		18,366	*		*		3.28	*		*
Rapeseed		961.45	564		-41.30		5,988	4,597		-23.22		6.23	8.15		30.82

Table 5.2 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains		130,632.51	123,118.29		-5.75		2,506,034.37	2,357,400		-5.93					
Cereals		110,839.30	103,445.20		-6.67		2,315,472.02	2,136,956		-7.71					
Teff		10,797.67	10,433.14		-3.38		95,833.33	108,339		13.05		8.88	10.38	16.89	
Barley		2,680.39	882.92		-67.06		21,840.80	8,761		-59.89		8.15	9.92	21.72	
Wheat		7,273.31	6,644.77		-8.64		79,186.79	81,261		2.62		10.89	12.23	12.30	
Maize		44,771.18	41,555.21		-7.18		1,186,634.96	953,687		-19.63		26.5	22.95	-13.40	
Sorghum		29,128.27	28,420.09		-2.43		637,005.49	642,236		0.82		21.87	22.6	3.34	
Finger Millet		16,164.55	15,396.37		-4.75		294,857.06	342,599		16.19		18.24	22.25	21.98	
Oats/Aja'		23.07	*		*		113.59	*		*		4.92	*	*	
Rice		*	*		*		-	-		-		-	-	-	
Pulses		11,672.38	11,834.54		1.39		131,977.90	148,613		12.60					
Faba Beans		4,349.78	3,597.16		-17.30		66,066.72	59,572		-9.83		15.19	16.56	9.02	
Field Pease		1,044.43	2,071.89		98.38		11,366.63	*		*		10.88	*	*	
Haricot beans		4,857.49	5,883.48		21.12		46,506.68	61,453		32.14		9.57	10.45	9.20	
Chick-Peas		1,170.98	-		-		6,572.14	-		-		5.61	-	-	
Lentils		34.01	*		*		166.41	*		*		4.89	*	*	
Grass Peas		30.42	-		-		285.65	-		-		9.39	-	-	
Soya Beans		33.68	*		*		160.51	*		*		4.77	*	*	
Fenugreek		151.6	*		*		853.15	*		*		5.63	*	*	
Gibto		-	-		-		-	-		-		-	-	-	
Oilseeds		8,120.83	7,838.55		-3.48		58,584.46	71,831		22.61					
Neug		2,695.03	2,554.34		-5.22		40,412.61	49,835		23.32		15	19.51	30.07	
Linseed		550.32	168.29		-69.42		1,828.70	944		-48.37		3.32	5.61	68.98	
Groundnut		82.03	*		*		966.77	*		*		11.79	*	*	
Sufflower		29.35	*		*		-	-		-		-	-	-	
Sesame		4,419.58	*		*		12,499.36	*		*		2.83	*	*	
Rapeseed		344.51	63.95		-81.44		2,877.01	512		-82.21		8.35	8	-4.19	

Table 5.3 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

East Welega Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of	Forecast of	% Change Of		
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	291,713.81		314,423		7.78		4,219,945.98		4,982,915		18.08				
Cereals	227,203.53		244,418		7.58		3,851,238.56		4,490,243		16.59				
Teff	76,206.54		66,414		-12.85		609,675.23		689,907		13.16		8	10.39	29.88
Barley	4,094.91		1,863		-54.51		34,143.19		16,078		*		8.34	8.63	3.48
Wheat	6,697.01		7,098		5.98		77,494.13		95,572		23.33		11.57	13.47	16.42
Maize	79,754.24		100,456		25.96		2,058,345.58		2,274,670		10.51		25.81	22.64	-12.28
Sorghum	36,112.67		52,516		45.42		735,296.64		1,093,276		48.68		20.36	20.82	2.26
Finger Millet	24,198.21		16,033		-33.74		335,539.57		320,602		-4.45		13.87	20	44.20
Oats ^a Aja'	*		*		*		*		*		*		*	*	*
Rice	-		-		*		-		-		*		-	-	-
Pulses	12,470.48		14,191		13.80		118,264.36		142,777		20.73				
Faba Beans	8,071.40		9,110		12.86		74,970.23		101,954		35.99		9.29	11.19	20.45
Field Pease	1,501.18		1,332		-11.24		9,795.97		7,987		-18.47		6.53	5.99	-8.27
Haricot beans	1,402.67		*		*		13,206.81		*		*		9.42	*	*
Chick-Peas	*		-		*		*		-		*		*	-	-
Lentils	27.2		*		*		*		*		*		*	*	*
Grass Peas	-		*		*		-		-		*		-	-	-
Soya Beans	*		*		*		*		*		*		*	*	*
Fenugreek	*		*		*		*		*		*		*	*	*
Gibto	-		-		*		-		-		*		-	-	-
Oilseeds	52,039.81		55,814		7.25		250,443.06		349,895		39.71				
Neug	37,852.84		30,532		-19.34		173,882.64		207,036		19.07		4.59	6.78	47.71
Linseed	*		697		*		*		*		*		*	*	*
Groundnut	*		*		*		*		36,708		*		*	*	*
Sufflower	*		*		*		*		*		*		*	*	*
Sesame	13,288.12		19,109		43.81		68,865.10		83,638		21.45		5.18	4.38	-15.44
Rapeseed	312.74		490		56.76		1,226.07		2,731		122.73		3.92	5.57	42.09

Table 5.4 Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2005/06	2006/07	2005/06	2006/07	of	2005/06	2006/07	2005/06	2006/07	of	2005/06	2006/07
	2005/06	2006/07	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08
Total Grains	201,127.78	213,288	213,288	6.05		2,866,602.38	3,047,295	3,047,295	6.30						
Cereals	141,743.72	152,236	152,236	7.40		2,444,651.89	2,556,378	2,556,378	4.57						
Teff	51,163.78	58,781	58,781	14.89		442,280.38	647,055	647,055	46.30		8.64	11.01			27.43
Barley	12,335.83	7,799	7,799	-36.78		161,927.08	102,681	102,681	-36.59		13.13	13.17			0.30
Wheat	29,989.34	32,047	32,047	6.86		448,238.13	459,228	459,228	2.45		14.95	14.33			-4.15
Maize	37,976.25	43,707	43,707	15.09		1,126,817.13	1,270,174	1,270,174	12.72		29.67	29.06			-2.06
Sorghum	8,620.29	*	*	*		231,665.04	47,123	47,123	-79.66		26.87	*			*
Finger Millet	1,506.00	*	*	*		32,867.51	*	*	*		21.82	*			*
Oats/Aja'	150.96	60	60	-60.26		847.68	378	378	-55.36		5.62	6.31			12.28
Rice	*	*	*	*		*	*	*	*		*	*			*
Pulses	16,864.07	15,283	15,283	-9.38		172,879.25	170,226	170,226	-1.53						
Faba Beans	10,332.81	9,408	9,408	-8.95		115,319.32	106,205	106,205	-7.90		11.16	11.29			1.16
Field Pease	6,075.60	4,818	4,818	-20.70		53,156.42	48,510	48,510	-8.74		8.75	10.07			15.09
Haricot beans	201.09	*	*	*		3,185.37	*	*	*		15.84	*			*
Chick-Peas	32.6	-	-	*		103.36	-	-	-		3.17	-			-
Lentils	18.74	-	-	*		114.33	-	-	-		6.1	-			-
Grass Peas	*	-	-	*		-	-	-	-		-	-			-
Soya Beans	*	*	*	*		*	*	*	*		*	*			*
Fenugreek	175.86	100	100	-42.96		431.76	269	269	-37.60		2.46	2.69			9.35
Gibto	-	-	-	*		-	-	-	-		-	-			-
Oilseeds	42,520.00	45,770	45,770	7.64		249,071.24	320,692	320,692	28.75						
Neug	34,127.13	39,970	39,970	17.12		185,275.01	263,014	263,014	41.96		5.43	6.58			21.18
Linseed	457.24	818	818	78.90		1,305.73	2,147	2,147	64.45		2.86	2.63			-8.04
Groundnut	1,520.50	*	*	*		23,052.94	*	*	*		15.16	*			*
Sufflower	62.62	*	*	*		153.73	*	*	*		2.45	*			*
Sesame	4,265.05	*	*	*		25,194.39	*	*	*		5.91	*			*
Rapeseed	2,087.47	1,974	1,974	-5.41		14,089.44	19,448	19,448	38.03		6.75	9.85			45.93

Table 5.5 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Hilibabor Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	235,948	236,501	233,733	-0.94	-1.17	3,214,780	3,612,027	3,751,276	16.69	3.86					
Cereals	199,591	197,388	203,646	2.03	3.17	2,954,324	3,279,043	3,492,574	18.22	6.51					
Teff	65,253	56,954	61,846	-5.22	8.59	616,168	544,051	626,668	1.70	15.19	9.44	9.55	10.13	7.31	6.07
Barley	5,512	5,391	510	-90.76	-90.55	44,078	49,975	4,772	-89.17	-90.45	8.00	9.27	9.37	17.13	1.08
Wheat	11,452	3,809	2,040	-82.19	-46.44	65,019	36,079	13,897	-78.63	-61.48	5.68	9.47	6.81	19.89	-28.09
Maize	70,124	77,352	80,702	15.08	4.33	1,455,320	1,639,768	1,756,294	20.68	7.11	20.75	21.2	21.76	4.87	2.64
Sorghum	38,792	43,679	52,522	35.39	20.25	633,158	819,766	974,606	53.93	18.89	16.32	18.77	18.56	13.73	-1.12
Finger Millet	8,380	10,023	5,943	-29.08	-40.71	139,837	186,528	113,844	-18.59	-38.97	16.69	18.61	19.16	14.80	2.96
Oats/Aja'	24	77	-	*	*	39	358	-	*	*	1.65	4.66	-	*	*
Rice	54	104	*	*	*	705	2,518	*	-	-	13.12	24.17	*	*	*
Pulses	18,779	23,655	13,761	-26.72	-41.82	148,071	200,557	123,586	-16.54	-38.38					
Faba Beans	6,275	7,897	3,948	-37.09	-50.01	53,988	73,123	32,682	-39.46	-55.31	8.6	9.26	8.28	-3.72	-10.58
Field Pease	5,175	6,945	2,146	-58.54	-69.10	34,029	48,630	12,789	-62.42	-73.70	6.58	7	5.96	-9.42	-14.86
Haricot beans	4,054	3,780	*	*	*	28,935	27,301	*	*	*	7.14	7.22	*	*	*
Chick-Peas	2,316	2,723	*	-	-	25,634	32,896	*	-	-	11.07	12.08	*	*	*
Lentils	49	2	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	72	155	*	-	-	611	1,453	*	-	-	8.51	9.37	*	-	-
Soya Beans	548	1,836	*	*	*	4,027	16,101	*	*	*	7.35	8.77	*	-	-
Fenugreek	290	318	136	-53.02	-57.19	847	1,052	450	*	*	2.92	3.31	3.3	*	-0.30
Gibto	*	1	*	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	17,578	15,458	16,326	-7.12	5.61	112,385	132,427	135,116	20.23	2.03					
Neug	6,065	5,982	6,925	14.18	15.76	30,359	37,949	33,773	11.24	-11.00	5.01	6.34	4.88	-2.59	-23.03
Linseed	707	365	*	*	*	2,562	1,898	*	*	*	3.63	5.2	*	*	*
Groundnut	274	617	146	*	-76.37	4,295	13,636	2,942	-	-	15.67	22.08	20.16	*	*
Sufflower	3	20	*	*	*	2	35	*	*	*	0.69	1.75	*	*	*
Sesame	10,465	8,217	*	*	*	75,005	78,187	94,560	*	*	7.17	9.52	*	*	*
Rapeseed	64	256	*	*	*	161	722	*	*	*	2.52	2.82	*	*	*

Table 5.6 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07			
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	434,109	463,478	423,363	-2.48	-8.66	5,567,016	6,332,613	6,020,662	8.15	-4.93					
Cereals	375,262	407,137	370,715	-1.21	-8.95	5,107,619	5,855,842	5,527,398	8.22	-5.61					
Teff	144,927	155,263	120,694	-16.72	-22.26	1,135,188	1,240,855	1,062,519	-6.40	-14.37	7.83	7.99	8.8	12.39	
Barley	21,118	21,551	21,161	0.21	-1.81	164,081	197,137	176,532	7.59	-10.45	7.77	9.15	8.34	7.34	
Wheat	32,884	34,394	27,163	-17.40	-21.02	357,687	417,151	287,761	-19.55	-31.02	10.88	12.13	10.59	-2.67	
Maize	110,206	133,856	128,543	16.64	-3.97	2,586,778	3,136,981	2,913,195	12.62	-7.13	23.47	23.44	22.66	-3.45	
Sorghum	58,842	55,576	61,080	3.80	9.90	785,161	790,637	972,330	23.84	22.98	13.34	14.23	15.92	19.34	
Finger Millet	5,979	4,794	8,619	44.15	79.81	65,307	*	109,271	67.32	*	10.92	*	12.68	16.12	
Oats/Aja'	1,306	*	*	*	*	13,417	*	*	*	*	10.27	*	*	*	
Rice	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Pulses	35,436	35,204	34,404	-2.91	-2.27	312,329	341,960	365,491	17.02	6.88					
Faba Beans	18,336	18,656	17,902	-2.37	-4.04	174,583	187,587	203,550	16.59	8.51	9.52	10.05	11.37	19.43	
Field Pease	14,370	12,438	11,460	-20.25	-7.86	123,355	133,210	137,867	11.76	3.50	8.58	10.71	12.03	40.21	
Haricot beans	973	1,576	3,930	303.81	149.37	5,511	8,701	*	*	*	5.66	5.52	*	*	
Chick-Peas	972	1,327	-	*	*	5,989	7,849	-	*	*	6.16	5.91	-	*	
Lentils	625	1,121	980	56.85	-12.55	2,064	4,337	3,914	*	*	3.3	3.87	3.99	20.91	
Grass Peas	*	*	-	-	-	*	*	-	-	-	*	-	-	-	
Soya Beans	75	*	*	*	*	827	*	*	*	*	11.08	*	*	-	
Fenugreek	86	*	*	*	*	*	-	-	*	*	*	-	-	*	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	*	
Oilseeds	23,411	21,136	18,243	-22.07	-13.69	147,068	134,811	127,773	*	-5.22					
Neug	18,398	14,820	10,579	-42.50	-28.61	121,052	103,028	83,007	*	-19.43	6.58	6.95	7.85	*	
Linseed	2,891	3,236	2,981	*	*	9,276	11,020	10,401	*	*	3.21	3.41	3.49	*	
Groundnut	170	296	*	*	*	3,222	5,476	*	-	-	18.90	18.47	*	-	
Sunflower	0	*	*	*	*	*	-	-	-	-	*	-	-	-	
Sesame	1,722	1,960	*	*	*	13,183	14,120	*	*	*	7.66	7.21	*	*	
Rapeseed	229	*	*	*	*	335	*	1,038	*	*	1.47	*	*	*	

Table 5.7 Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08	2005/06	2006/07	2005/06	2006/07	of	2007/08	2005/06	2006/07	2007/08	2005/06	2006/07
			2007/08												
Total Grains	550,621	540,228	552,960	0.42	2.36	9,348,759	9,274,511	9,613,210	2.83	3.65					
Cereals	462,195	438,584	465,936	0.81	6.24	8,333,551	7,989,621	8,435,437	1.22	5.58					
Teff	117,681	127,931	135,678	15.29	6.06	1,581,344	1,727,622	2,065,884	30.64	19.58	13.44	13.5	15.23	13.32	12.81
Barley	86,762	83,634	87,603	0.97	4.75	1,390,140	1,342,454	1,602,085	15.25	19.34	16.02	16.05	18.29	14.17	13.96
Wheat	145,596	105,854	100,910	-30.69	-4.67	2,804,758	2,291,801	2,257,317	-19.52	-1.50	19.26	21.65	22.37	16.15	3.33
Maize	58,105	59,109	72,284	24.40	22.29	1,603,275	1,393,605	1,487,941	-7.19	6.77	27.59	23.58	20.58	-25.41	-12.72
Sorghum	47,780	61,179	66,749	39.70	9.10	889,583	1,222,662	990,445	11.34	-18.99	18.62	19.98	14.84	-20.30	-25.73
Finger Millet	11	*	*	*	*	104	*	*	*	*	9.72	*	*	*	*
Oats/Aja'	6,261	854	*	*	*	64,348	11,202	*	*	*	10.28	13.12	*	*	*
Rice	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pulses	48,706	56,196	53,018	8.85	-5.66	711,855	900,675	914,713	28.50	1.56					
Faba Beans	26,861	30,083	32,213	19.92	-42.68	402,035	479,714	575,153	43.06	19.89	14.97	15.95	17.85	19.24	11.91
Field Peas	8,295	11,588	10,062	21.30	-13.17	114,188	193,764	169,935	48.82	-12.30	13.77	16.72	16.89	22.66	1.02
Haricot beans	94	*	294	*	*	964	*	3,087	*	*	10.28	*	10.52	*	*
Chick-Peas	3,579	*	*	*	*	56,928	*	*	*	*	15.91	*	*	*	*
Lentils	2,044	3,931	4,443	*	*	18,709	36,279	43,800	*	*	9.15	9.23	9.86	*	*
Grass Peas	6,484	5,765	*	*	*	98,438	110,160	*	*	*	15.18	19.11	*	*	*
Soya Beans	1,227	*	-	-	-	19,136	-	-	-	-	15.6	-	-	-	-
Fenugreek	123	*	*	*	*	1,456	*	*	*	*	11.86	*	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	39,720	45,448	34,006	-14.39	-25.18	303,353	384,215	263,059	-13.28	-31.53					
Neug	13,248	14,381	15,573	17.54	8.29	92,488	116,176	103,118	11.49	-11.24	6.98	8.08	6.62	-5.16	-18.07
Linseed	22,882	16,807	16,573	-27.57	-1.39	180,362	158,443	144,402	-19.94	-8.86	7.88	9.43	8.71	10.53	-7.64
Groundnut	0	*	*	*	*	0	*	*	*	*	0.22	*	*	*	*
Sufflower	45	*	*	*	*	451	*	*	*	*	10.11	*	*	*	*
Sesame	2,357	*	*	*	*	18,613	*	*	*	*	7.9	*	*	*	*
Rapeseed	1,188	*	1,746	*	*	11,438	*	15,537	*	*	9.63	*	8.9	*	*

Table 5.8 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	281,993	284,308	293,374	4.04	3.19	3,866,083	4,012,526	4,471,035	15.65	11.43					
Cereals	217,772	220,792	229,258	5.27	3.83	3,120,553	3,150,205	3,568,039	14.34	13.26					
Teff	125,652	133,732	133,582	6.31	-0.11	1,497,528	1,579,789	1,853,414	23.76	17.32	11.92	11.81	13.87	16.36	17.44
Barley	9,104	14,221	19,992	119.59	40.58	128,270	199,134	336,946	162.68	69.21	14.09	14.00	16.85	19.59	20.36
Wheat	53,834	48,646	52,316	-2.82	7.54	910,461	855,330	984,757	8.16	15.13	16.91	17.58	18.82	11.30	7.05
Maize	21,824	19,136	18,384	-15.76	-3.93	478,537	433,242	321,828	-32.75	-25.72	21.93	22.64	17.51	-20.16	-22.66
Sorghum	7,189	4,742	4,757	-33.82	0.33	104,919	80,726	70,767	-32.55	-12.34	14.59	17.02	14.87	1.92	-12.63
Finger Millet	45	*	*	*	*	*	-	-	-	-	*	-	-	-	*
Oats/Aja'	124	273	*	*	*	838	1,984	*	*	*	6.76	7.28	*	*	*
Rice	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	53,647	56,158	53,692	0.08	-4.39	682,992	816,954	831,135	21.69	1.74					
Faba Beans	7,699	8,113	9,094	18.11	12.08	104,410	135,353	156,584	49.97	15.69	13.56	16.68	17.22	26.99	3.24
Field Peas	3,272	4,108	8,054	146.14	96.08	40,100	50,801	102,783	156.32	102.33	12.26	12.37	12.76	4.08	3.15
Haricot beans	1,852	*	*	*	*	6,535	*	*	*	*	3.53	*	*	*	*
Chick-Peas	25,607	25,545	16,302	-36.34	-36.18	327,960	369,799	271,557	-17.20	-26.57	12.81	14.48	16.66	30.05	15.06
Lentils	3,551	5,554	3,158	*	*	30,297	66,262	41,521	*	*	8.53	11.93	13.15	*	*
Grass Peas	11,486	11,148	13,124	14.26	17.72	172,879	172,684	226,115	30.79	30.94	15.05	15.49	17.23	14.49	11.23
Soya Beans	*	-	*	*	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	179	*	*	*	*	809	*	*	*	*	4.53	*	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	10,575	7,358	10,425	-1.42	41.69	62,538	45,367	71,861	14.91	58.40					
Neug	6,568	4,597	*	*	*	37,307	*	*	*	*	5.68	*	*	*	*
Linseed	3,784	2,402	6,616	74.84	175.50	23,594	15,996	45,338	92.16	183.43	6.23	6.66	6.85	9.95	2.85
Groundnut	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	11	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	6	*	*	*	*	23	*	*	-	-	4	*	*	-	-
Rapeseed	207	160	357	72.83	123.62	1,614	1,611	3,493	116.40	116.89	7.81	10.08	9.78	25.22	-2.98

Table 5.9 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	370,741	358,581	388,979	4.92	8.48	4,023,976	3,963,920	4,794,090	19.14	20.94				
Cereals	291,967	291,112	302,472	3.60	3.90	3,367,414	3,268,320	3,897,088	15.73	19.24					
Teff	95,415	103,210	122,003	27.87	18.21	892,181	973,401	1,405,091	57.49	44.35	9.35	9.43	11.52	23.21	22.16
Barley	81,062	93,366	82,899	2.27	-11.21	884,306	959,656	1,001,270	13.23	4.34	10.91	10.28	12.08	10.72	17.51
Wheat	55,242	43,734	55,634	0.71	27.21	724,023	619,547	822,155	13.55	32.70	13.11	14.17	14.78	12.74	4.30
Maize	5,870	4,682	8,260	40.72	76.45	61,962	51,994	81,971	32.29	57.66	10.56	11.11	9.92	-6.06	-10.71
Sorghum	53,300	45,315	33,053	-37.99	-27.06	795,121	656,108	583,708	-26.59	-11.03	14.92	14.48	17.66	18.36	21.96
Finger Millet	62	-	-	*	*	-	-	-	-	-	*	-	-	-	-
Oats/Aja'	1,017	806	*	*	*	9,821	7,614	*	*	*	9.66	9.45	*	*	*
Rice	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	66,837	58,960	73,308	9.68	24.33	602,002	659,638	839,910	39.52	27.33					
Faba Beans	35,380	34,310	43,572	23.15	26.99	340,935	357,020	458,468	34.47	28.42	9.64	10.41	10.52	9.13	1.06
Field Peas	6,468	4,094	6,484	0.25	58.38	42,483	27,524	51,514	21.26	87.16	6.57	6.72	7.94	20.85	18.15
Haricot beans	73	*	*	*	*	544	*	*	*	*	7.46	*	*	*	*
Chick-Peas	5,136	3,394	*	*	*	47,678	43,443	*	*	*	9.28	12.8	*	*	*
Lentils	9,515	5,521	5,716	-39.93	3.53	43,277	34,448	32,618	*	*	4.55	6.24	5.71	*	*
Grass Peas	9,794	11,417	14,605	49.13	27.93	125,430	195,884	267,884	113.57	36.76	12.81	17.16	18.34	43.17	6.88
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	472	*	*	*	*	1,655	*	*	*	*	3.51	*	*	*	*
Gibto	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	11,937	8,509	13,200	10.58	55.12	54,559	35,962	57,092	4.64	58.76					
Neug	2,688	3,356	9,198	242.17	174.06	10,615	16,385	45,173	325.54	175.70	3.95	4.88	4.91	24.30	0.61
Linseed	7,957	4,788	3,426	-56.95	-28.45	36,816	18,337	10,079	-72.62	-45.03	4.63	3.83	2.94	-36.50	-23.24
Groundnut	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	1,171	*	*	*	*	6,531	*	*	*	*	5.58	*	*	*	*
Sesame	69	*	*	*	*	363	*	-	*	*	5.23	*	-	*	*
Rapeseed	51	145	202	*	*	234	*	*	*	*	4.56	*	*	*	*

Table 5.10 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

East Shewa Zone															
Major Crops	TOTAL AREA IN HECTARES				TOTAL PROD. IN QUINTALS				Yield(Qts/Ha)						
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	421,622.48		419,094		-0.60		7,918,711.48		9,318,713		17.68				
Cereals	354,897.96		339,132		-4.44		7,071,907.51		8,265,371		16.88				
Teff	177,958.75		140,727		-20.92		2,637,572.01		2,452,860		-7.00		14.82	17.43	17.61
Barley	12,595.15		13,353		6.01		220,142.86		276,115		25.43		17.48	20.68	18.31
Wheat	82,324.60		84,373		2.49		1,923,904.30		2,016,659		4.82		23.37	23.9	2.27
Maize	75,392.29		94,195		24.94		2,151,302.49		3,369,531		56.63		28.53	35.77	25.38
Sorghum	6,388.42		6,296		-1.44		137,203.43		148,617		8.32		21.48	23.6	9.87
Finger Millet	*		-		-		-		-		-		-	-	-
Oats/'Aja'	*		*		*		*		*		*		*	*	*
Rice	*		*		*		-		-		-		-	-	-
Pulses	66,041.83		79,449		20.30		844,948.61		1,051,897		24.49				
Faba Beans	7,031.24		8,959		27.42		84,492.19		112,568		33.23		12.02	12.56	4.49
Field Peas	9,165.25		5,858		-36.08		75,710.23		51,039		-32.59		8.26	8.71	5.45
Haricot beans	19,604.28		22,840		16.51		239,430.54		260,536		8.81		12.21	11.41	-6.55
Chick-Peas	14,435.91		21,769		50.80		213,160.23		312,846		46.77		14.77	14.37	-2.71
Lentils	10,617.25		12,588		18.56		148,797.80		191,372		28.61		14.01	15.2	8.49
Grass Peas	5,004.68		6,899		37.85		82,246.92		119,878		45.75		16.43	17.38	5.78
Soya Beans	-		*		*		-		-		-		-	-	-
Fenugreek	183.23		521		184.56		1,110.71		3,659		229.40		6.06	7.02	15.84
Gibto	-		-		-		-		-		-		-	-	-
Oilseeds	682.7		513		-24.88		1,855.35		1,445		-22.13				
Neug	*		-		-		-		-		-		-	-	-
Linseed	268.79		95		-64.66		*		411		*		*	4.33	*
Groundnut	-		*		*		-		-		-		-	-	-
Sunflower	*		*		*		-		-		-		-	-	-
Sesame	-		*		*		-		-		-		-	-	-
Rapeseed	156.83		*		*		590.21		*		*		3.76	*	*

Table 5.11 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Arsi Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of 2007/08	2005/06	2006/07	2005/06	2006/07	of 2007/08	2005/06	2006/07	2005/06	2006/07	of 2007/08	2005/06	2006/07
Total Grains		516,656	528,996		2.39	7,281,889	7,117,497		-2.26						
Cereals		415,300	402,081		-3.18	6,383,387	5,986,882		-6.21						
Teff		81,358	84,183		3.47	608,133	794,126		30.58		7.47	9.43			26.24
Barley		67,231	94,313		40.28	987,061	1,401,353		41.97		14.68	14.86			1.23
Wheat		171,815	129,312		-24.74	2,885,067	1,966,670		-31.83		16.79	15.21			-9.41
Maize		64,523	64,894		0.58	1,279,768	1,248,286		-2.46		19.83	19.24			-2.98
Sorghum		27,171	25,101		-7.62	584,951	532,349		-8.99		21.53	21.21			-1.49
Finger Millet		*	*		*	-	-		-		-	-			-
Oats/Aja'		3,110	4,090		31.54	38,407	44,098		14.82		12.35	10.78			-12.71
Rice		*	-		*	-	-		-		-	-			-
Pulses		51,739	61,788		19.42	621,895	651,186		4.71						
Faba Beans		22,715	34,799		53.20	317,657	367,092		15.56		13.98	10.55			-24.54
Field Peas		12,264	11,232		-8.41	130,217	111,783		-14.16		10.62	9.95			-6.31
Haricot beans		9,553	13,598		42.34	114,143	152,662		33.75		11.95	11.23			-6.03
Chick-Peas		1,128	*		*	12,951	*		*		11.48	*			*
Lentils		1,748	*		*	8,431	*		*		4.82	*			*
Grass Peas		*	*		*	*	*		*		*	*			*
Soya Beans		*	*		*	*	*		*		*	*			*
Fenugreek		1,211	*		*	12,163	*		*		10.05	*			*
Gibto		-	-		*	-	-		*		-	-			-
Oilseeds		49,617	65,128		31.26	276,606	479,429		73.33						
Neug		*	*		*	*	*		*		*	*			*
Linseed		44,230	53,960		22.00	237,752	401,196		68.75		5.38	7.44			38.29
Groundnut		*	*		*	*	*		*		*	*			*
Sufflower		*	-		*	*	-		-		*	-			-
Sesame		*	*		*	-	-		-		-	-			-
Rapeseed		2,670	5,366		100.98	26,975	51,276		90.09		10.1	9.56			-5.35

Table 5.12 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

West Arsi Zone																
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	
Total Grains	312,167.74	301,424		-3.44		5,448,072.16	5,176,078		-4.99							
Cereals	281,921.19	259,307		-8.02		5,149,496.81	4,800,609		-6.78							
Teff	31,629.12	13,963		-55.85		277,359.58	139,799		-49.60		8.77	10.01		14.14		
Barley	58,985.55	72,218		22.43		862,137.15	1,191,807		38.24		14.62	16.5		12.86		
Wheat	87,408.45	100,723		15.23		1,507,459.97	1,840,253		22.08		17.25	18.27		5.91		
Maize	93,420.95	67,245		-28.02		2,397,038.04	1,578,133		-34.16		25.66	23.47		-8.53		
Sorghum	4,969.12	2,318		-53.35		99,260.84	45,869		-53.79		19.98	19.79		-0.95		
Finger Millet	4,518.40	1,758		-61.09		-	-		*		-	-		-		
Oats/Aja'	989.6	*		*		6,241.23	*		*		6.31	*		*		
Rice	-	*		*		-	-		*		-	-		-		
Pulses	20,873.40	23,444		12.32		237,296.77	247,854		4.45							
Faba Beans	2,823.96	*		*		41,477.85	52,180		*		14.69	*		*		
Field Peas	988.29	*		*		*	*		*		*	*		*		
Haricot beans	7,834.42	16,548		111.22		94,856.96	164,223		73.13		12.11	9.92		-18.08		
Chick-Peas	*	*		*		*	*		*		*	*		*		
Lentils	*	*		*		*	*		*		*	*		*		
Grass Peas	*	*		*		*	*		*		*	*		*		
Soya Beans	-	-		*		-	-		*		-	-		-		
Fenugreek	*	*		*		*	*		*		*	*		*		
Gibto	-	-		*		-	-		*		-	-		-		
Oilseeds	9,373.16	18,672		99.21		61,278.57	127,615		108.25							
Neug	*	*		*		*	*		*		*	*		*		
Linseed	7,078.01	16,693		135.84		51,259.89	122,280		138.55		7.24	7.33		1.24		
Groundnut	-	*		*		-	-		*		-	-		-		
Sufflower	-	-		*		-	-		*		-	-		-		
Sesame	1,204.16	*		*		-	-		*		-	-		-		
Rapeseed	*	*		*		*	*		*		*	*		*		

Table 5.13 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07		
Total Grains	197,010	206,302	235,255	19.41	14.03	2,584,152	3,010,415	3,848,998	48.95	27.86						
Cereals	165,624	175,697	205,761	24.23	17.11	2,276,969	2,636,554	3,465,667	52.21	31.45						
Teff	11,663	15,124	8,983	-22.98	-40.60	114,335	139,260	94,094	-17.70	-32.43	9.80	9.21	10.47	6.84	13.68	
Barley	5,763	9,373	8,567	48.66	-8.60	52,335	104,000	111,292	112.65	7.01	9.08	11.1	12.99	43.06	17.03	
Wheat	5,880	5,493	4,248	-27.75	-22.66	79,052	81,616	58,578	-25.90	-28.23	13.44	14.86	13.79	2.60	-7.20	
Maize	44,046	65,755	71,616	62.59	8.91	743,179	1,154,817	1,457,295	96.09	26.19	16.87	17.56	20.35	20.63	15.89	
Sorghum	96,086	78,048	110,929	15.45	42.13	1,266,796	1,138,555	1,725,374	36.20	51.54	13.18	14.59	15.55	17.98	6.58	
Finger Millet	1,680	1,645	1,195	-28.91	-27.39	15,474	14,358	15,726	1.63	9.53	9.21	8.73	13.16	42.89	50.74	
Oats/'Aja'	506	260	*	*	*	5,799	3,948	*	*	*	11.47	15.2	*	*	*	
Rice	*	-	-	*	*	*	-	-	*	*	*	-	-	-	-	
Pulses	17,823	21,631	24,078	35.10	11.31	213,851	317,850	347,909	62.69	9.46						
Faba Beans	2,028	*	3,556	*	*	34,858	*	76,483	*	*	17.19	*	21.51	*	*	
Field Peas	302	*	*	*	*	2,325	*	*	*	*	7.71	*	*	*	*	
Haricot beans	13,067	13,991	17,061	30.57	21.94	155,075	189,477	244,058	57.38	28.81	11.87	13.54	14.3	20.47	5.61	
Chick-Peas	1,324	1,448	*	*	*	16,469	*	*	*	*	12.44	*	*	*	*	
Lentils	508	1,340	1,050	106.82	-21.63	1,892	*	5,844	*	*	3.73	*	5.57	*	*	
Grass Peas	26	*	-	*	*	*	-	-	-	-	*	-	-	-	-	
Soya Beans	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-	
Fenugreek	569	975	1,353	137.83	38.86	3,232	7,038	10,196	215.50	44.87	5.68	7.22	7.53	32.57	4.29	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Oilseeds	13,563	8,974	5,416	-60.07	-39.65	93,332	56,012	35,422	-62.05	-36.76						
Neug	*	29	-	-	-	*	-	-	-	-	*	-	-	-	-	
Linseed	1,296	1,654	1,082	-16.47	-34.57	5,800	7,745	5,269	-9.16	-31.97	4.48	4.68	4.87	8.71	4.06	
Groundnut	9,667	3,516	*	*	*	63,849	28,643	*	*	*	6.6	8.15	*	*	*	
Sufflower	23	*	*	*	*	10	*	*	*	*	0.42	*	*	*	*	
Sesame	2,434	3,693	*	*	*	23,461	19,017	*	*	*	9.64	5.15	*	*	*	
Rapeseed	143	*	*	*	*	213	*	*	*	*	1.48	*	*	*	*	

Table 5.14 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

East Hararghe Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	256,518	242,859	259,212	1.05	6.73	2,942,401	3,814,785	4,494,043	52.73	17.81					
Cereals	212,722	200,050	228,542	7.44	14.24	2,566,291	3,258,265	4,101,399	59.82	25.88					
Teff	3,198	5,387	*	*	*	24,463	39,143	14,802	-39.49	-62.18	7.65	7.27	*	*	*
Barley	10,901	5,760	*	*	*	114,171	69,740	136,248	19.34	95.36	10.47	12.11	*	*	*
Wheat	44,864	20,213	*	*	*	240,172	246,481	*	*	*	5.35	12.19	*	*	*
Maize	56,911	62,369	82,307	44.62	31.97	1,075,240	1,325,886	1,737,444	61.59	31.04	18.89	21.26	21.11	11.75	-0.71
Sorghum	92,382	104,934	114,685	24.14	9.29	1,104,634	1,565,513	1,978,105	79.07	26.36	11.96	14.92	17.25	44.23	15.62
Finger Millet	6	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Oats/Aja'	4,460	1,051	*	*	*	7,612	11,503	*	*	*	1.71	10.95	*	*	*
Rice	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Pulses	21,093	17,160	15,271	-27.60	-11.01	216,551	231,818	196,638	-9.20	-15.18					
Faba Beans	5,123	1,429	*	*	*	74,100	19,649	*	*	*	14.47	13.75	*	*	*
Field Peas	4,739	*	*	*	*	13,825	*	*	*	*	2.92	*	*	*	*
Haricot beans	7,651	11,194	8,134	6.32	-27.33	111,138	172,920	117,122	5.38	-32.27	14.53	15.45	14.4	-0.89	-6.80
Chick-Peas	204	*	*	*	*	1,220	*	*	*	*	5.99	*	*	*	*
Lentils	1,213	1,564	*	*	*	8,324	14,052	*	*	*	6.86	8.98	*	*	*
Grass Peas	1,207	*	-	-	-	*	-	-	-	-	*	-	-	*	*
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	957	1,481	1,372	43.34	-7.31	7,944	10,613	7,556	-4.89	-28.81	8.3	7.17	5.51	-33.61	-23.15
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	22,703	25,649	15,399	-32.17	-39.96	159,558	324,701	*	*	*					
Neug	171	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	7,726	2,883	1,030	*	*	9,954	21,217	4,617	*	*	1.29	7.36	4.48	*	*
Groundnut	14,505	21,616	*	*	*	147,862	297,037	*	*	*	10.19	13.74	*	*	*
Sufflower	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	297	*	*	*	*	1,742	*	*	*	*	5.86	*	*	*	*
Rapeseed	3	-	*	*	*	*	-	-	*	*	*	-	-	*	*

Table 5.15 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Mcher Season

Major Crops	TOTAL AREA IN HECTARES			TOTAL PROD. IN QUINTALS			Yield(Qts/Ha)			
	Estimates of		Forecast	Estimates of		Forecast	Estimates of		Forecast	
	2005/06	2006/07	of	2005/06	2006/07	of	2005/06	2006/07	2007/08	
	% Change Of			% Change Of			% Change Of			
2007/08 over			2007/08 over			2007/08 over				
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07
Total Grains	324,300.92	360,493	11.16	4,998,481.04	6,670,961	33.46				
Cereals	267,575.80	313,998	17.35	4,536,164.01	6,360,739	40.22				
Teff	16,928.26	1,239	-92.68	157,728.44	13,597	-91.38	9.32	10.97	17.70	
Barley	59,523.59	37,751	-36.58	1,079,401.10	732,423	-32.15	18.13	19.4	7.00	
Wheat	141,674.02	230,552	62.73	2,567,106.24	5,077,056	97.77	18.12	22.02	21.52	
Maize	28,118.31	26,642	-5.25	558,833.02	339,373	-39.27	19.87	12.74	-35.88	
Sorghum	*	*	*	-	-	-	-	-	-	
Finger Millet	-	-	-	-	-	-	-	-	-	
Oats/'Aja'	14,202.09	15,545	9.46	173,095.21	198,290	14.56	12.19	12.76	4.68	
Rice	-	-	-	-	-	-	-	-	-	
Pulses	25,993.12	22,772	-12.39	202,626.71	180,980	-10.68				
Faba Beans	5,588.70	9,815	75.61	59,815.38	103,330	72.75	10.7	10.53	-1.59	
Field Peas	11,562.41	9,637	-16.65	69,358.92	56,713	-18.23	6	5.88	-2.00	
Haricot beans	1,095.03	356	-67.47	10,234.11	3,937	-61.53	9.35	11.05	18.18	
Chick-Peas	*	*	*	*	*	*	*	*	*	
Lentils	1,547.59	*	*	9,136.47	*	*	5.9	*	*	
Grass Peas	*	*	*	*	*	*	*	*	*	
Soya Beans	-	-	-	-	-	-	-	-	-	
Fenugreek	4,999.94	616	-87.68	50,831.91	7,141	-85.95	10.17	11.59	13.96	
Gibto	-	-	-	-	-	-	-	-	-	
Oilseeds	30,732.00	23,723	-22.81	259,690.33	129,241	-50.23				
Neug	*	*	*	*	*	*	*	*	*	
Linseed	30,152.27	23,535	-21.95	258,381.66	128,489	-50.27	8.57	5.46	-36.29	
Groundnut	-	-	-	-	-	-	-	-	-	
Sunflower	*	*	*	*	*	*	*	*	*	
Sesame	*	*	*	*	*	*	*	*	*	
Rapeseed	*	*	*	*	*	*	*	*	*	

Table 5.16 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Borena Zone																
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of			Forecast of	% Change Of	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07	2007/08		2005/06	2006/07
	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08	2007/08		
Total Grains	33,138	40,067	32,608	-1.60	-18.62	280,280	433,319	544,441	94.25	25.64						
Cereals	23,428	22,586	27,337	16.69	21.04	243,137	347,316	520,237	113.97	49.79						
Teff	4,186	3,030	*	*	*	14,060	25,652	*	*	*	3.36	8.47	*	*	*	
Barley	4,203	1,174	711	-83.08	-39.43	9,617	4,582	3,999	*	*	2.29	3.9	5.62	5.66	44.10	
Wheat	701	1,278	*	*	*	4,561	17,785	*	*	*	6.51	13.91	*	*	*	
Maize	13,427	12,176	16,129	20.12	32.46	212,520	285,248	471,716	121.96	65.37	15.83	23.43	29.25	33.61	24.84	
Sorghum	911	*	*	*	*	2,380	*	*	*	*	2.61	*	*	*	*	
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Oats/Aja'	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-	
Rice	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-	
Pulses	9,575	17,467	5,135	-46.37	-70.60	37,078	85,980	24,097	-35.01	-71.97						
Faba Beans	282	*	*	*	*	2,326	3,759	*	*	*	8.25	*	*	*	*	
Field Peas	126	*	*	*	*	122	*	*	*	*	0.97	*	*	*	*	
Haricot beans	9,088	16,609	4,230	-53.45	-74.53	34,184	81,192	*	*	*	3.76	4.89	*	*	*	
Chick-Peas	65	*	-	*	*	356	*	-	*	*	5.46	*	-	-	*	
Lentils	7	*	-	*	*	*	-	-	-	-	*	-	-	-	-	
Grass Peas	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-	
Soya Beans	8	*	*	*	*	90	*	-	-	-	11.9	*	-	-	-	
Fenugreek	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Oilseeds	135	*	*	*	*	65	*	*	*	*						
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Linseed	103	-	*	*	*	17	-	-	-	-	0.17	-	-	-	-	
Groundnut	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-	
Sufflower	3	-	*	-	-	*	-	-	-	-	*	-	-	-	-	
Sesame	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Rapeseed	30	*	*	*	*	48	*	*	*	*	1.62	*	*	*	*	

Table 5.17 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Guji Zone		TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
Major Crops	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		
	2005/06	2006/07		2007/08	2005/06	2006/07	2005/06		2006/07	2007/08	2005/06	2006/07		2005/06	2006/07	2007/08
	Total Grains	83,789	93,873	99,172	18.36	5.64	950,136	1,235,684	1,939,240	104.10	56.94					
Cereals	74,753	79,871	82,987	11.02	3.90	884,499	1,117,575	1,766,599	99.73	58.07						
Teff	14,131	14,324	*	*	*	96,078	127,218	*	*	*	6.8	8.88	*	*	*	*
Barley	26,349	22,918	23,168	-12.07	1.09	276,759	275,121	313,434	13.25	13.93	10.5	12	13.53	28.86	12.75	
Wheat	13,615	15,684	10,328	-24.14	-34.15	135,477	190,812	192,468	*	*	9.95	12.17	18.64	*	*	
Maize	20,627	26,579	49,349	139.25	85.67	376,185	524,425	1,259,301	234.76	140.13	18.24	19.73	25.52	39.91	29.35	
Sorghum	31	*	-	*	*	0	-	-	-	*	*	-	-	-	-	*
Finger Millet	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-	-
Oats/Aja'	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-	-
Rice	*	-	-	*	-	*	-	-	-	-	*	-	-	-	-	-
Pulses	9,001	13,946	16,035	78.14	14.98	65,563	117,817	171,026	160.86	45.16						
Faba Beans	3,039	4,317	8,366	175.24	93.76	24,869	48,970	96,534	288.17	97.13	8.18	11.34	11.54	41.08	1.76	
Field Peas	4,544	4,719	5,565	22.47	17.92	31,487	33,734	48,579	54.28	44.01	6.93	7.15	8.73	25.97	22.10	
Haricot beans	1,314	3,638	1,690	28.57	-53.56	8,598	26,899	24,448	184.34	-9.11	6.54	7.39	14.47	121.25	95.81	
Chick-Peas	101	*	*	*	-	606	*	*	*	-	6	*	*	*	*	*
Lentils	0	*	-	*	-	*	-	-	-	-	*	-	-	-	-	-
Grass Peas	*	-	-	*	-	*	-	-	-	-	*	-	-	-	-	-
Soya Beans	*	-	*	*	-	*	-	-	-	-	*	-	-	-	-	-
Fenugreek	3	*	-	-	-	3	*	-	-	-	0.95	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	-
Oilseeds	35	57	*	*	*	73	*	*	*	*						
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	-
Linseed	27	*	*	*	*	21	*	*	*	-	0.79	*	*	-	-	-
Groundnut	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-	-
Sufflower	*	*	-	*	*	*	-	-	-	*	*	-	-	-	-	-
Sesame	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	-
Rapeseed	8	*	*	*	*	52	*	*	-	*	6.54	*	*	*	*	*

Table 6. Forecast of 2007/08 (2000E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	
	Total Grains	67,290	73,683	86,226	28.14	17.02	378,094	431,778	547,684	44.85	26.84					
Cereals	65,915	72,797	83,565	26.78	14.79	376,439	430,855	540,923	43.69	25.55						
Teff	9	-	-	*	*	*	-	-	-	-	*	-	-	-		
Barley	2,532	3,316	2,298	-9.24	-30.71	11,240	9,500	*	*	*	4.44	2.86	*	*		
Wheat	9,672	7,966	4,244	-56.12	-46.73	47,166	35,521	11,314	-76.01	-68.15	4.88	4.46	2.67	-45.29		
Maize	22,965	37,019	41,277	79.74	11.50	137,199	236,274	308,404	124.79	30.53	5.97	6.38	7.47	25.13		
Sorghum	30,475	24,415	35,293	15.81	44.56	180,019	149,347	218,750	21.52	46.47	5.91	6.12	6.2	4.91		
Finger Millet	*	-	*	-	-	*	-	-	-	-	*	-	-	-		
Oats/'Aja'	258	*	-	*	*	802	*	-	*	*	3.11	*	-	*		
Rice	4	-	-	-	-	13	-	-	-	-	3.61	-	-	-		
Pulses	1,173	807	1,026	-12.56	27.07	1,467	894	6,760	*	*						
Faba Beans	*	*	-	*	*	*	-	-	-	-	*	-	-	-		
Field Peas	8	*	*	*	*	10	*	-	*	*	1.25	*	-	*		
Haricot beans	651	741	969	48.86	30.68	328	823	6,760	*	*	0.5	1.11	6.98	*		
Chick-Peas	456	*	*	*	*	1,018	*	-	*	*	2.23	*	-	*		
Lentils	10	*	-	*	*	25	*	-	*	*	2.5	*	-	*		
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-		
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-		
Fenugreek	49	*	*	*	*	87	*	-	*	*	1.78	*	-	*		
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	-		
Oilseeds	201	79	*	*	*	188	29	-	-	-						
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-		
Linseed	195	67	*	*	*	186	29	-	-	-	0.95	0.42	-	-		
Groundnut	0	-	*	*	*	*	-	-	-	-	*	-	-	-		
Sufflower	*	*	-	-	-	*	-	-	-	-	*	-	-	-		
Sesame	6	*	*	-	-	2	1	-	*	*	0.34	*	-	*		
Rapeseed	*	-	-	*	*	*	-	-	-	-	-	-	-	-		

Table .6. Interval Estimates for 2007/08 (2000 E.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	11.65	66,529.38	105,921.62	13.81	399,433.13	695,934.37	
Cereals	12.08	63,780.59	103,349.07	13.91	393,426.37	688,420.41	
Teff	-	*	*	-	*	*	
Barley	42.55	381.35	4,214.45	*	*	*	
Wheat	45.42	465.65	8,021.41	41.68	2,071.39	20,555.87	
Maize	12.34	31,295.59	51,258.11	14.37	221,533.69	395,274.51	
Sorghum	19.6	21,737.95	48,849.03	23.24	119,091.31	318,409.43	
Finger Millet	*	*	*	-	*	*	
Oats/'Aja'	-	*	*	-	*	*	
Rice	-	*	*	-	*	*	
Pulses	44.61	128.95	1,923.09	47.6	453.64	13,067.06	
Faba Beans	-	*	*	-	*	*	
Field Peas	*	*	*	-	*	*	
Haricot beans	46.13	92.84	1,844.64	47.6	453.64	13,067.06	
Chick-Peas	*	*	*	-	*	*	
Lentils	-	*	*	-	*	*	
Grass Peas	-	*	*	-	*	*	
Soya Beans	-	*	*	-	*	*	
Fenugreek	*	*	*	-	*	*	
Gibto	-	*	*	-	*	*	
Oilseeds	*	*	*	-	*	*	
Neug	-	*	*	-	*	*	
Linseed	*	*	*	-	*	*	
Groundnut	*	*	*	-	*	*	
Sufflower	-	*	*	-	*	*	
Sesame	*	*	*	-	*	*	
Rapeseed	-	*	*	-	*	*	

Table 6.1 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	
Total Grains	892	962	2,744	207.60	185.30	7,532	7,074	23,491	211.88	232.07						
Cereals	891	961	2,743	207.70	185.43	7,530	7,072	23,491	211.98	232.15						
Teff	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Barley	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Wheat	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Maize	68	202	725	969.19	259.70	794	1,921	7,930	899.26	312.81	11.70	9.53	10.93	-6.58	14.69	
Sorghum	824	759	2,018	144.99	165.72	6,736	5,151	15,561	131.01	202.07	8.18	6.78	7.71	-5.75	13.72	
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Oats/'Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Pulses	0	0	*	*	*	0	1	-	-	-						
Faba Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Field Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Haricot beans	0	0	*	*	*	0	1	-	-	-	3.86	2.38	-	-	-	
Chick-Peas	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-	
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Oilseeds	1	1	*	*	*	2	1	-	*	*						
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Linseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Groundnut	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	
Sesame	1	1	*	-	-	2	1	-	*	*	4.04	1.4	-	*	*	
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-	

Table 6.2 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	62,809	64,799	83,166	32.41	28.34	370,401	415,996	524,193	41.52	26.01					
Cereals	62,036	64,537	80,518	29.79	24.76	368,748	415,074	517,432	40.32	24.66					
Teff	9	-	-	*	*	*	-	-	-	-	*	-	-	-	
Barley	2,532	3,316	2,298	-9.24	-30.71	11,240	9,500	*	*	*	4.44	2.86	*	*	
Wheat	9,617	7,844	4,244	-55.87	-45.90	47,166	35,521	11,314	-76.01	-68.15	4.90	4.53	2.67	-45.51	
Maize	20,012	29,950	40,248	101.12	34.38	136,405	234,353	300,474	120.28	28.21	6.82	7.82	7.47	9.53	
Sorghum	29,605	23,345	33,276	12.40	42.54	173,121	135,488	203,190	17.37	49.97	5.85	5.8	6.11	4.44	
Finger Millet	*	-	*	-	-	*	-	-	-	-	*	-	-	-	
Oats/Aja'	258	*	-	*	*	802	*	-	*	*	3.11	*	-	*	
Rice	4	-	-	-	-	13	-	-	-	-	3.61	-	-	-	
Pulses	578	190	1,015	*	*	1,467	893	6,760	*	*					
Faba Beans	*	*	-	*	*	*	-	-	-	-	*	-	-	-	
Field Peas	8	*	*	*	*	10	*	-	*	*	1.25	*	-	*	
Haricot beans	55	126	957	*	*	328	822	6,760	*	*	5.91	6.55	7.06	*	
Chick-Peas	456	*	*	*	*	1,018	*	-	*	*	2.23	*	-	*	
Lentils	10	*	-	*	*	25	*	-	*	*	2.5	*	-	*	
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	
Fenugreek	49	*	*	*	*	87	*	-	*	*	1.78	*	-	*	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	195	73	*	*	*	186	29	-	-	-					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Linseed	195	67	*	*	*	186	29	-	-	-	0.95	0.42	-	-	
Groundnut	*	-	*	*	*	*	-	-	-	-	*	-	-	-	
Sufflower	*	*	-	-	-	*	-	-	-	-	*	-	-	-	
Sesame	*	*	-	-	-	*	-	-	-	-	*	-	-	-	
Rapeseed	*	-	-	*	*	*	-	-	-	-	*	-	-	-	

Table 6.3 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of 2007/08	Forecast of 2007/08	% Change Of 2007/08 over
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07			
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	3,589	7,922	*	*	*	162	*	-	*	*			
Cereals	2,988	7,299	*	*	*	162	*	-	*	*			
Teff	*	-	-	-	-	*	-	-	-	-	*	-	-
Barley	*	-	-	-	-	*	-	-	-	-	*	-	-
Wheat	55	*	-	-	-	*	-	-	-	-	*	-	-
Maize	2,886	6,867	*	*	*	*	-	-	-	-	*	-	-
Sorghum	47	*	-	*	*	162	*	-	-	3.45	*	-	*
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-
Pulses	595	617	*	*	*	*	-	-	*	*			
Faba Beans	*	-	-	-	-	*	-	-	-	-	*	-	-
Field Peas	*	-	-	-	-	*	-	-	-	-	*	-	-
Haricot beans	595	615	*	*	*	*	-	-	*	*	*	-	*
Chick-Peas	*	*	-	-	-	*	-	-	-	-	*	-	-
Lentils	*	*	-	-	-	*	-	-	-	-	*	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-
Oilseeds	6	*	-	*	*	*	-	-	-	-			
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-
Linseed	*	-	-	-	-	*	-	-	-	-	*	-	-
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-
Sesame	6	*	-	*	*	*	-	-	-	-	*	-	-
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-

Table 7. Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Benshangul-Gumuz Region															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	171,876	179,229	196,270	14.19	9.51	2,085,802	2,500,532	2,781,400	33.35	11.23					
Cereals	124,182	132,231	139,813	12.59	5.73	1,770,206	2,104,210	2,276,654	28.61	8.20					
Teff	16,654	15,720	15,121	-9.21	-3.81	133,509	143,465	154,044	15.38	7.37	8.02	9.13	10.19	27.06	
Barley	1,108	823	597	-46.15	-27.49	11,528	9,709	7,122	-38.22	-26.65	10.41	11.8	11.94	*	
Wheat	2,048	*	*	*	*	28,936	*	*	*	*	14.13	*	*	*	
Maize	31,721	31,435	33,451	5.46	6.41	626,628	653,613	670,962	7.08	2.65	19.75	20.79	20.06	1.57	
Sorghum	52,887	58,992	60,335	14.08	2.28	723,157	887,173	954,722	32.02	7.61	13.67	15.04	15.82	15.73	
Finger Millet	19,485	22,547	28,952	48.58	28.41	242,916	367,719	468,774	92.98	27.48	12.47	16.31	16.19	29.83	
Oats/Aja'	37	*	*	*	*	373	*	*	*	*	10.07	*	*	*	
Rice	242	*	325	*	*	3,158	*	4,875	*	*	13.03	*	15.02	*	
Pulses	6,596	8,146	11,988	81.75	47.15	50,345	65,845	118,813	136.00	80.44					
Faba Beans	611	543	863	41.22	58.87	6,693	5,729	8,876	32.61	54.93	10.95	10.54	10.28	-6.12	
Field Peas	927	743	*	*	*	5,832	*	*	*	*	6.29	*	*	*	
Haricot beans	3,907	4,885	7,516	92.37	53.87	31,914	44,215	85,301	167.29	92.92	8.17	9.05	11.35	38.92	
Chick-Peas	485	465	287	-40.75	-38.27	2,764	*	676	*	*	5.7	*	2.36	*	
Lentils	39	*	*	*	*	238	*	*	*	*	6.14	*	*	*	
Grass Peas	*	-	*	*	*	*	-	-	-	-	*	-	-	-	
Soya Beans	624	1,456	2,987	378.42	105.25	2,902	8,040	22,132	662.74	175.29	4.65	5.52	7.41	59.35	
Fenugreek	2	*	*	*	*	*	-	-	-	-	*	-	-	-	
Gibto	1	*	*	*	*	2	*	*	*	*	1.89	*	*	*	
Oilseeds	41,098	38,852	44,470	8.20	14.46	265,251	330,477	385,933	45.50	16.78					
Neug	13,076	11,566	13,908	6.37	20.25	73,033	99,489	91,685	25.54	-7.84	5.59	8.6	6.59	17.89	
Linseed	286	295	811	183.51	174.67	978	797	2,511	156.91	-97.49	3.42	2.7	3.1	-9.36	
Groundnut	4,186	4,789	6,183	47.69	29.11	58,978	100,203	136,133	130.82	35.86	14.09	20.93	22.02	56.28	
Sunflower	137	*	67	-50.95	*	314	*	342	*	*	2.28	*	5.08	*	
Sesame	23,280	21,693	23,380	0.43	7.78	131,312	125,584	154,487	17.65	23.01	5.64	5.79	6.61	17.20	
Rapeseed	133	*	*	*	*	636	*	*	*	*	4.8	*	*	*	

Table .7. Interval Estimates for 2007/08 (2000 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	6.16	172,580.42	219,960.44	7.12	2,393,088.01	3,169,711.35
Cereals	5.74	124,080.81	155,545.39	6.79	1,973,881.33	2,579,426.55
Teff	17.44	9,951.73	20,290.23	22.04	87,487.00	220,601.46
Barley	39.31	136.91	1,056.11	43.8	1,008.03	13,235.69
Wheat	*	*	*	*	*	*
Maize	9.37	27,310.81	39,591.93	10.43	533,839.53	808,085.01
Sorghum	10.34	48,110.81	72,558.83	11.27	743,847.57	1,165,596.05
Finger Millet	16.52	19,579.44	38,324.02	17.05	312,148.89	625,399.65
Oats/'Aja'	*	*	*	*	*	*
Rice	32.05	120.70	528.54	33.66	1,659.05	8,091.57
Pulses	12.1	9,145.07	14,830.13	14.88	84,150.06	153,475.30
Faba Beans	32.18	318.74	1,407.96	34.19	2,928.05	14,823.79
Field Peas	*	*	*	*	*	*
Haricot beans	16.03	5,155.28	9,877.54	18.65	54,128.27	116,473.99
Chick-Peas	39.49	64.88	509.48	42.05	118.86	1,233.78
Lentils	*	*	*	*	*	*
Grass Peas	*	*	*	-	*	*
Soya Beans	28.22	1,335.10	4,639.78	32.64	7,971.21	36,293.37
Fenugreek	*	*	*	-	*	*
Gibto	*	*	*	*	*	*
Oilseeds	9.64	36,064.88	52,874.58	13.6	283,048.54	488,817.58
Neug	23.27	7,564.57	20,251.69	30.8	36,333.69	147,036.45
Linseed	32.72	290.89	1,330.83	43.04	392.72	4,630.24
Groundnut	21.93	3,525.58	8,839.62	33.28	47,338.84	224,927.46
Sunflower	45.58	7.19	127.53	44.82	41.61	642.75
Sesame	13.8	17,055.06	29,705.84	14.85	109,516.70	199,456.56
Rapeseed	*	*	*	*	*	*

Table 7.1 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Metekel Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	79,410	85,735	85,584	7.77	-0.18	1,031,073	1,363,264	1,400,814	35.86	2.75				
Cereals	58,059	64,143	63,589	9.52	-0.86	840,944	1,108,937	1,123,760	33.63	1.34					
Teff	11,268	9,942	11,110	-1.40	11.74	106,981	107,981	133,224	24.53	23.38	9.49	10.86	11.99	26.34	10.41
Barley	1,107	788	527	*	*	11,528	9,709	7,122	-38.22	-26.65	10.41	12.32	13.51	*	9.66
Wheat	2,036	*	*	*	*	28,884	*	*	*	*	14.18	*	*	*	*
Maize	11,606	11,744	11,990	3.30	2.10	255,237	290,804	278,465	9.10	-4.24	21.99	24.76	23.23	5.64	-6.18
Sorghum	14,512	19,251	14,986	3.27	-22.15	210,520	319,171	270,595	28.54	-15.22	14.51	16.58	18.06	24.47	8.93
Finger Millet	17,264	19,716	23,915	38.52	21.29	224,344	338,802	416,458	85.63	22.92	13	17.18	17.41	33.92	1.34
Oats/Aja'	23	*	*	*	*	293	*	*	*	*	12.57	*	*	*	*
Rice	242	*	*	*	*	3,158	*	*	*	*	13.03	*	*	*	*
Pulses	3,061	3,179	4,450	45.39	39.97	27,077	29,735	57,871	113.73	94.62					
Faba Beans	608	543	813	*	*	6,693	5,729	8,876	32.61	54.93	11.01	10.54	10.91	-0.91	3.51
Field Peas	925	743	*	*	*	5,832	*	*	*	*	6.3	*	*	*	*
Haricot beans	1,151	1,269	3,390	*	167.07	11,976	15,190	47,164	293.81	210.50	10.4	11.97	13.91	*	16.21
Chick-Peas	268	*	*	*	*	2,086	*	*	*	*	7.79	*	*	*	*
Lentils	39	*	*	*	*	238	*	*	*	*	6.14	*	*	*	*
Grass Peas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Soya Beans	67	*	*	*	*	249	*	*	*	*	3.7	*	*	*	*
Fenugreek	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Gibto	1	*	*	*	*	2	*	*	*	*	1.89	*	*	*	*
Oilseeds	18,291	18,412	17,545	-4.08	-4.71	163,052	224,592	219,182	34.42	-2.41					
Neug	6,189	6,728	5,537	-10.54	-17.70	53,203	82,176	59,299	11.46	-27.84	8.6	12.21	10.71	24.53	-12.29
Linseed	171	94	*	*	*	759	376	*	*	*	4.45	3.99	*	*	*
Groundnut	3,360	4,152	3,921	16.67	-5.58	53,615	95,790	108,979	103.26	13.77	15.96	23.07	27.8	74.19	20.50
Sufflower	108	*	*	*	*	242	*	*	*	*	2.24	*	*	*	*
Sesame	8,378	7,186	7,559	-9.77	5.18	54,674	44,994	48,408	-11.46	-17.71	6.53	6.26	6.4	-1.99	2.24
Rapeseed	85	*	*	*	*	558	*	*	*	*	6.58	*	*	*	*

Table 7.2 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	57,611	55,516	61,055	5.98	9.98	554,412	571,286	709,993	28.06	24.28				
Cereals	40,805	40,068	43,235	5.96	7.90	480,071	495,197	604,579	25.94	22.09					
Teff	3,013	2,749	3,017	0.13	9.75	9,691	10,708	13,560	39.92	26.63	3.22	3.90	4.49	39.44	15.13
Barley	*	12	-	*	*	*	-	-	-	-	*	-	-	-	-
Wheat	11	2	-	*	*	52	4	-	*	*	4.58	2.59	-	*	*
Maize	11,531	11,245	9,846	-14.61	-12.44	185,190	173,539	173,483	-6.32	-0.03	16.06	15.43	17.62	9.71	14.19
Sorghum	24,862	24,419	27,720	11.50	13.52	275,070	298,072	392,963	42.86	31.83	11.06	12.21	14.18	28.21	16.13
Finger Millet	1,383	1,641	2,634	90.36	60.45	10,067	12,872	24,574	144.10	90.90	7.28	7.84	9.33	28.16	19.01
Oats/Aja'	5	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	0	*	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2,722	3,369	3,098	13.79	-8.06	17,030	21,288	24,180	41.99	13.59					
Faba Beans	3	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Field Peas	1	-	-	*	*	*	-	-	*	*	*	-	-	*	*
Haricot beans	1,945	2,164	1,480	-23.91	-31.58	13,715	15,483	15,593	13.69	0.71	7.05	7.16	10.53	49.36	47.07
Chick-Peas	217	211	228	*	*	678	537	661	*	*	3.13	2.54	2.89	*	*
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Soya Beans	555	994	1,389	150.18	39.72	2,637	5,268	7,927	200.64	50.48	4.75	5.3	5.71	20.21	7.74
Fenugreek	0	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oilseeds	14,084	12,079	14,722	4.53	21.89	57,312	54,801	81,234	41.74	48.23					
Neug	6,633	4,454	7,642	15.22	71.59	18,898	15,700	28,555	51.10	81.87	2.85	3.53	3.74	31.23	5.95
Linseed	111	195	259	132.63	33.01	219	421	657	200.45	56.18	1.96	2.16	2.54	29.59	17.59
Groundnut	798	562	692	-13.24	23.14	5,178	3,865	6,860	32.50	77.50	6.49	6.87	9.91	52.70	44.25
Sufflower	29	23	-	*	*	71	79	-	*	*	2.46	3.42	-	*	*
Sesame	6,471	6,799	6,121	-5.41	-9.98	32,940	34,373	45,094	36.90	31.19	5.09	5.06	7.37	44.79	45.65
Rapeseed	42	46	*	*	*	6	363	*	*	*	0.15	7.9	*	*	*

Table 7.3 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Kemeshi Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	34,855	37,978	34,223	-1.81	-9.89	506,316	565,983	497,460	-0.57	-12.11					
Cereals	25,319	28,019	23,030	-9.04	-17.81	449,190	500,076	415,284	-7.55	-16.96					
Teff	2,374	3,028	*	*	*	16,837	24,775	*	*	*	7.09	8.18	*	*	
Barley	1	*	*	*	*	*	-	-	-	-	*	-	-	-	
Wheat	*	-	*	-	-	*	-	-	-	-	*	-	-	-	
Maize	8,584	8,446	8,063	-6.07	-4.54	186,201	189,270	164,463	-11.67	-13.11	21.69	22.41	20.4	-5.95	
Sorghum	13,513	15,323	13,921	3.02	-9.15	237,567	269,930	239,833	0.95	-11.15	17.58	17.62	17.23	-1.99	
Finger Millet	838	1,189	383	-54.36	-67.82	8,506	*	*	*	*	10.15	*	*	*	
Oats/Aja'	9	*	*	*	*	80	*	-	-	-	8.7	*	*	*	
Rice	*	-	-	*	*	*	-	-	-	-	*	-	-	-	
Pulses	813	1,598	3,390	317.23	112.20	6,238	14,822	31,507	405.07	112.57					
Faba Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Field Peas	*	-	-	*	*	*	-	-	-	-	*	-	-	-	
Haricot beans	811	1,452	2,211	172.76	52.31	6,223	13,542	20,035	221.97	47.94	7.68	9.33	9.06	17.97	
Chick-Peas	*	*	*	*	*	*	-	-	-	-	*	-	-	-	
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Soya Beans	2	138	*	*	*	16	1,280	*	-	-	8.3	9.27	*	*	
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Gibto	*	-	*	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	8,724	8,361	7,803	-10.55	-6.67	44,888	51,085	50,669	12.88	-0.81					
Neug	254	384	168	-33.91	-56.41	932	1,613	881	-5.45	-45.37	3.68	4.2	5.26	42.93	
Linseed	4	*	*	*	*	*	-	-	-	-	*	-	-	-	
Groundnut	28	74	67	139.21	-9.52	186	548	681	266.12	24.10	6.64	7.41	10.16	53.01	
Sunflower	*	*	*	*	*	*	-	-	-	-	*	-	-	-	
Sesame	8,432	7,708	7,510	-10.94	-2.56	43,698	46,217	49,107	12.38	6.25	5.18	6	6.54	26.25	
Rapeseed	6	*	-	*	*	72	*	-	-	-	12.4	*	-	-	

Table 7.4 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Pawe Special Wereda															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains			7,100					78,986							
Cereals			3,466					46,502							
Teff			-					-							
Barley			-					-							
Wheat			-					-							
Maize			798					16,571					20.77		
Sorghum			1,039					8,756					8.42		
Finger Millet			1,438					18,042					12.55		
Oats/Aja'			-					-					-		
Rice			190					3,133					16.46		
Pulses			544					2,716							
Faba Beans			-					-					-		
Field Peas			-					-					-		
Haricot beans			*					*					*		
Chick-Peas			-					-					-		
Lentils			-					-					-		
Grass Peas			-					-					-		
Soya Beans			499					2,664					5.34		
Fenugreek			-					-					-		
Gibto			*					*					*		
Oilseeds			3,091					29,768							
Neug			141					1,014					7.21		
Linseed			-					-					-		
Groundnut			1,417					19,042					13.44		
Sufflower			*					*					*		
Sesame			1,503					9,551					6.35		
Rapeseed			*					*					*		

Table 7.5 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Mao Komo Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains			8,308					94,147							
Cereals			6,494					86,528							
Teff			341					1,096					3.21		
Barley			68					-					-		
Wheat			78					-					-		
Maize			2,754					37,980					13.79		
Sorghum			2,668					42,575					15.96		
Finger Millet			583					4,878					8.37		
Oats/Aja'			*					-					-		
Rice			-					-					-		
Pulses			505					2,538							
Faba Beans			50					-					-		
Field Peas			*					-					-		
Haricot beans			434					2,510					5.78		
Chick-Peas			*					*					*		
Lentils			-					-					-		
Grass Peas			-					-					-		
Soya Beans			*					*					*		
Fenugreek			*					-					-		
Gibto			-					-					-		
Oilseeds			1,308					5,081							
Neug			421					1,937					4.6		
Linseed			110					217					1.98		
Groundnut			86					571					6.65		
Sufflower			*					*					*		
Sesame			688					2,326					3.38		
Rapeseed			4					29					8.12		

Table 8. Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	(S.N.N.P.R) Region		TOTAL AREA IN HECTARES			TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	876,693	921,582	1018298	16.15	10.49	10,359,040	11,675,393	13910431	34.28	19.14					
Cereals	708,276	746,936	830155	17.21	11.14	8,977,393	10,154,340	12173714	35.60	19.89					
Teff	193,193	199,492	218722	13.21	9.64	1,454,743	1,556,108	1967936	35.28	26.47	7.53	7.8	9	19.52	15.38
Barley	81,506	84,745	83666	2.65	-1.27	909,393	988,365	1139226	25.27	15.26	11.16	11.66	13.62	22.04	16.81
Wheat	119,118	123,195	101994	-14.38	-17.21	1,799,321	1,944,795	1965465	9.23	1.06	15.11	15.79	19.27	27.53	22.04
Maize	206,397	220,993	289227	40.13	30.88	3,740,159	4,359,959	5482599	46.59	25.75	18.12	19.73	18.96	4.64	-3.90
Sorghum	103,150	111,470	124226	20.43	11.44	1,027,684	1,226,109	1552421	51.06	26.61	9.96	11	12.5	25.50	13.64
Finger Millet	4,575	6,381	7034	53.74	10.23	43,210	73,425	58363	35.07	-20.51	9.44	11.51	8.3	-12.08	-27.89
Oats/Aja'	315	461	351	11.30	-23.88	2,575	3,324	2371	-7.95	-28.68	8.17	7.21	6.76	-17.26	-6.24
Rice	22	198	*	*	*	308	*	*	*	*	14.25	*	*	*	*
Pulses	161,547	168,549	182908	13.22	8.52	1,349,346	1,498,232	1719446	27.43	14.77					
Faba Beans	60,485	55,208	63052	4.24	14.21	562,797	540,159	711524	26.43	31.72	9.3	9.78	11.28	21.29	15.34
Field Peas	48,058	43,497	38035	-20.86	-12.56	365,090	333,229	388217	6.33	16.50	7.6	7.66	10.21	34.34	33.29
Haricot beans	44,767	61,668	71303	59.28	15.62	373,781	570,973	563510	50.76	-1.31	8.35	9.26	7.9	-5.39	-14.69
Chick-Peas	5,230	4,536	*	*	*	29,812	29,035	*	*	*	5.7	6.4	*	*	*
Lentils	968	1,988	1957	102.12	-1.52	3,431	8,900	8859	158.18	-0.47	3.54	4.48	4.53	27.97	1.12
Grass Peas	1,810	1,382	1471	*	*	13,892	*	12771	*	*	7.68	*	8.68	*	*
Soya Beans	40	46	267	561.08	486.55	144	38	*	*	*	3.56	0.83	*	*	*
Fenugreek	190	216	236	24.19	9.40	399	751	666	67.00	-11.23	2.1	3.48	2.83		-18.68
Gibto	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oilseeds	6,869	6,097	5235	-23.78	-14.14	32,300	22,821	17271	-46.53	-24.32					
Neug	2,792	*	*	*	*	11,113	*	*	*	*	3.98	*	*	*	*
Linseed	2,770	1,809	1729	-37.58	-4.43	14,727	7,362	6360	-56.82	-13.61	5.32	4.07	3.68	-30.83	-9.58
Groundnut	195	316	2112	981.47	568.37	726	1,388	*	*	*	3.72	4.39	*	*	*
Sufflower	395	293	195	-50.67	-33.53	3,199	2,651	*	*	*	8.1	9.04	*	*	*
Sesame	182	1,088	*	*	*	383	124	*	*	*	2.1	0.11	*	*	*
Rapeseed	535	832	726	35.58	-12.74	2,152	2,229	1189	-44.72	-46.65	4.02	2.68	1.64	-59.20	-38.81

Table .8. Interval Estimates for 2007/08 (2000 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	4.47	929,162.85	1,107,432.73	6.43	12,158,256.75	15,662,605.79	
Cereals	4.76	752,665.37	907,643.63	6.97	10,510,458.86	13,836,968.78	
Teff	7.26	187,579.96	249,864.84	8.38	1,644,664.83	2,291,207.33	
Barley	10.53	66,395.64	100,936.68	11.42	884,180.55	1,394,271.73	
Wheat	10.03	81,934.55	122,053.71	10.61	1,556,613.86	2,374,316.22	
Maize	8.61	240,419.91	338,033.83	12.58	4,131,172.12	6,834,025.68	
Sorghum	8.51	103,501.93	144,949.43	10.44	1,234,850.48	1,869,991.02	
Finger Millet	24.27	3,688.25	10,379.49	26.07	28,540.31	88,185.15	
Oats/'Aja'	40.8	70.31	631.53	38.24	593.69	4,147.41	
Rice	*	*	*	*	*	*	
Pulses	7.22	157,017.00	208,799.10	6.93	1,485,962.86	1,952,929.92	
Faba Beans	7.9	53,289.96	72,814.38	8.45	593,660.86	829,386.14	
Field Peas	9.36	31,058.33	45,011.25	12.69	291,662.92	484,771.30	
Haricot beans	11.66	55,004.33	87,601.91	11.42	437,384.21	689,635.07	
Chick-Peas	*	*	*	*	*	*	
Lentils	30.94	770.46	3,143.94	34.24	2,913.31	14,804.83	
Grass Peas	40.86	292.82	2,648.42	41.48	2,388.89	23,153.21	
Soya Beans	43.42	39.76	494.00	-	*	*	
Fenugreek	23.15	128.82	342.78	33.34	230.95	1,101.59	
Gibto	*	*	*	-	*	*	
Oilseeds	22.13	2,964.92	7,505.54	23.65	9,264.30	25,277.82	
Neug	*	*	*	*	*	*	
Linseed	27.78	787.56	2,669.82	20.3	3,829.12	8,890.24	
Groundnut	46.61	182.73	4,040.41	*	*	*	
Sufflower	49.4	6.18	383.52	*	*	*	
Sesame	*	*	*	*	*	*	
Rapeseed	22.61	404.11	1,047.19	34.52	384.74	1,993.94	

Table 8.1 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Gurage Zone														
	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	87,601	85,731	116,807	33.34	36.25	1,188,169	1,283,246	2,142,048.01	80.28	66.92					
Cereals	74,419	74,790	96,602	29.81	29.16	1,061,939	1,169,852	1,932,178.63	81.95	65.16					
Teff	27,670	28,676	23,568	-14.82	-17.81	214,299	259,950	267,435.04	24.80	*	7.74	9.07	11.35	46.64	25.14
Barley	13,159	13,877	20,421	55.19	47.16	220,024	243,579	357,709.34	62.58	46.86	16.72	17.55	17.52	4.78	-0.17
Wheat	12,533	13,736	12,943	3.27	-5.78	218,928	262,548	353,816.74	61.61	34.76	17.47	19.11	27.34	56.50	43.07
Maize	15,447	13,274	29,823	93.07	124.66	343,842	334,609	822,460.58	139.20	145.80	22.26	25.21	27.58	23.90	9.40
Sorghum	5,500	5,129	9,778	77.78	90.66	63,685	68,024	129,883.05	103.95	90.94	11.58	13.26	13.28	14.68	0.15
Finger Millet	2	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	109	*	*	*	*	1,162	*	*	*	*	10.69	*	*	*	*
Rice	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	10,390	9,137	19,833	90.89	117.06	115,145	104,107	209,108.36	81.60	100.86					
Faba Beans	3,859	2,933	5,554	43.93	89.36	47,047	42,450	73,094.79	55.36	72.19	12.19	14.47	13.16	7.96	-9.05
Field Peas	3,040	3,207	2,208	-27.36	-31.16	42,873	35,731	20,845.69	-51.38	-41.66	14.1	11.14	9.44	-33.05	-15.26
Haricot beans	764	1,048	*	*	*	5,986	10,387	*	*	*	7.83	9.91	*	*	*
Chick-Peas	1,462	*	*	*	*	11,184	*	*	*	*	7.65	*	*	*	*
Lentils	112	*	*	*	*	133	*	*	*	*	1.18	*	*	*	*
Grass Peas	1,137	*	*	*	*	7,923	*	*	*	*	6.97	*	*	*	*
Soya Beans	0	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	16	*	-	*	*	*	-	-	-	-	*	-	-	*	*
Gibto	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	2,792	*	*	*	*	11,085	*	*	*	*					
Neug	2,707	*	*	*	*	10,903	*	*	*	*	4.03	*	*	*	*
Linseed	57	*	*	*	*	172	*	*	*	*	3.05	*	*	*	*
Groundnut	10	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	0	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Sesame	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	17	*	126	*	*	9	*	136.32	*	*	0.54	*	1.08	*	*

Table 8.2 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Hadiya Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	111,807	106,888	111,223	-0.52	4.06	1,567,712	1,588,880	1,540,057.89	-1.76	-3.07					
Cereals	98,828	96,628	100,777	1.97	4.29	1,440,615	1,463,433	1,409,022.98	-2.19	-3.72					
Teff	29,086	29,532	40,976	40.88	38.75	240,549	234,369	344,770.04	43.33	47.11	8.27	7.94	8.41	1.69	5.92
Barley	4,423	4,104	7,034	59.04	71.39	51,103	48,062	92,487.08	80.98	92.43	11.55	11.71	13.15	13.85	12.30
Wheat	35,959	32,940	24,784	-31.08	-24.76	663,197	617,212	534,730.88	-19.37	-13.36	18.44	18.74	21.58	17.03	15.15
Maize	20,714	21,210	20,180	-2.58	-4.86	375,475	438,398	321,887.67	-14.27	-26.58	18.13	20.67	15.95	-12.02	-22.84
Sorghum	8,071	8,204	7,217	-10.58	-12.03	106,924	120,871	112,211.12	4.95	-7.16	13.25	14.73	15.55	17.36	5.57
Finger Millet	531	*	*	*	*	3,127	*	*	*	*	5.88	*	*	*	*
Oats/Aja'	44	*	*	-	-	241	*	*	-	-	5.49	*	*	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	11,051	9,505	9,779	-11.51	2.88	114,191	121,260	128,921.03	12.90	6.32					
Faba Beans	5,531	4,626	5,814	5.12	25.68	67,717	66,256	85,635.57	26.46	29.25	12.24	14.32	14.73	20.34	2.86
Field Peas	3,724	1,977	1,742	-53.22	-11.88	27,619	21,788	*	*	*	7.42	11.02	*	*	*
Haricot beans	1,626	2,641	2,051	26.17	-22.34	17,900	*	14,309.62	*	*	11.01	*	6.4	*	*
Chick-Peas	25	*	-	*	*	217	*	-	-	-	8.81	*	-	-	-
Lentils	122	*	131	*	*	738	*	907.36	*	*	6.05	*	6.91	*	*
Grass Peas	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	9	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	14	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	1,929	755	*	*	*	12,906	4,187	2,113.88	-83.62	-49.51					
Neug	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	1,502	436	*	*	*	10,919	2,528	*	*	*	7.27	5.8	*	*	*
Groundnut	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	6	-	*	-	-	34	-	-	-	-	5.6	-	-	-	-
Rapeseed	420	319	*	*	*	*	*	*	*	*	4.65	5.2	*	*	*

Table 8.3 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	26,835	29,764	34,459	28.41	15.77	339,637	359,280	422,830.52	24.49	17.69				
Cereals	22,813	25,586	27,205	19.25	6.33	304,143	320,641	334,071.03	9.84	4.19					
Teff	7,102	8,943	9,130	28.57	2.09	50,504	56,993	64,632.78	27.97	13.40	7.11	6.37	7.08	-0.42	11.15
Barley	1,280	1,268	2,172	69.65	71.28	15,566	16,032	30,529.62	96.13	90.43	12.16	12.64	14.06	15.63	11.23
Wheat	9,720	10,706	8,352	-14.07	-21.99	173,981	188,763	180,425.66	3.70	-4.42	17.9	17.63	21.6	20.67	22.52
Maize	2,473	*	*	*	*	46,209	*	35,564.14	*	*	18.68	*	*	*	*
Sorghum	2,130	1,724	3,136	47.23	81.85	17,243	14,742	21,722.66	25.98	47.35	8.1	8.55	6.93	-14.44	-18.95
Finger Millet	105	*	196	86.87	*	638	*	1,196.16	*	*	6.08	*	6.1	*	*
Oats/Aja'	2	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	3,906	3,854	7,061	80.77	83.20	35,009	37,815	88,308.40	152.25	133.53					
Faba Beans	2,371	1,845	5,223	120.29	183.14	22,825	19,363	65,413.99	186.59	237.82	9.63	10.5	12.52	30.01	19.24
Field Peas	769	781	713	-7.35	-8.73	5,311	6,356	6,887.15	29.68	8.36	6.9	8.14	9.66	40.00	18.67
Haricot beans	746	1,196	1,116	49.58	-6.63	6,847	*	16,007.25	*	*	9.17	*	9.82	*	*
Chick-Peas	19	*	-	*	*	25	*	-	-	-	1.3	*	-	-	-
Lentils	*	*	-	*	*	*	-	-	*	*	*	-	-	-	-
Grass Peas	*	*	-	*	*	*	-	-	*	*	*	-	-	-	-
Soya Beans	*	*	*	*	*	*	-	-	*	*	*	-	-	-	-
Fenugreek	0	*	*	*	*	*	-	-	*	*	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	116	*	194	*	*	485	*	451.09	*	*					
Neug	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	106	*	*	*	*	484	*	*	*	*	4.54	*	*	*	*
Groundnut	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	10	*	*	*	*	2	*	*	*	*	0.18	*	*	-	-

Table 8.4 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Sidama Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	85,175	79,160	83,578	-1.87	5.58	1,264,706	1,163,172	1,794,122.70	41.86	54.24				
Cereals	63,669	55,186	69,148	8.61	25.30	1,070,379	921,461	1,681,789.71	57.12	82.51					
Teff	4,999	2,345	*	*	*	30,732	16,688	*	*	*	6.15	7.12	*	*	*
Barley	12,936	11,885	7,839	-39.41	-34.05	125,703	101,306	63,126.26	-49.78	-37.69	9.72	8.52	8.05	-17.18	-5.52
Wheat	5,436	5,752	4,578	-15.78	-20.41	66,005	67,936	70,711.94	*	*	12.14	11.81	15.45	*	*
Maize	40,047	34,930	55,262	37.99	58.21	846,513	732,541	1,529,926.14	80.73	108.85	21.14	20.97	27.68	30.94	32.00
Sorghum	205	*	*	*	*	1,240	*	3,634.07	*	*	6.05	*	*	*	*
Finger Millet	32	*	*	*	*	181	*	*	-	-	5.68	*	*	-	-
Oats'Aja'	13	*	*	*	*	6	*	-	-	-	0.49	*	-	-	-
Rice	2	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	21,457	23,852	14,419	-32.80	-39.55	194,159	241,532	112,329.35	-42.15	-53.49					
Faba Beans	4,524	4,194	5,041	11.44	20.20	43,283	38,730	47,572.16	*	22.83	9.57	9.23	9.44	*	2.28
Field Peas	3,171	2,370	*	*	*	18,744	13,939	*	*	*	5.91	5.88	*	*	*
Haricot beans	13,738	17,276	8,328	-39.38	-51.79	132,077	188,863	59,747.93	-54.76	-68.36	9.61	10.93	6.58	-31.53	-39.80
Chick-Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Lentils	10	-	*	*	*	56	-	-	-	-	5.8	-	-	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	16	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	49	121	*	*	*	168	*	*	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	45	*	-	*	*	162	*	-	*	*	3.59	*	-	-	-
Groundnut	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	3	*	*	*	*	6	*	*	-	-	1.9	*	*	-	-

Table 8.5 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07			
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07			
Total Grains	13,833	13,491	11,105	-19.72	-17.69	195,071	227,145	176,121.88	-9.71	-22.46					
Cereals	10,826	10,642	8,552	-21.00	-19.64	171,096	201,525	150,590.90	-11.98	-25.27					
Teff	38	33	*	*	*	57	66	*	-	-	1.5	2.03	*	-	-
Barley	4,127	3,671	*	*	*	45,299	49,122	*	*	*	10.98	13.38	*	*	*
Wheat	283	*	*	*	*	2,591	*	*	*	*	9.16	*	*	*	*
Maize	6,362	6,694	4,853	-23.72	-27.50	123,069	149,213	97,545.50	-20.74	-34.63	19.35	22.29	20.1	3.88	-9.83
Sorghum	13	*	*	*	*	80	*	*	*	*	6.2	*	*	*	*
Finger Millet	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	3	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2,986	2,827	2,552	-14.56	-9.74	23,954	25,598	25,530.97	6.58	-0.26					
Faba Beans	1,930	1,921	1,924	-0.31	0.16	17,860	18,598	19,905.18	11.45	7.03	9.25	9.68	10.34	11.78	6.82
Field Peas	735	501	*	*	*	5,299	*	*	*	*	7.21	*	*	*	*
Haricot beans	312	404	*	*	*	787	1,017	*	*	*	2.52	2.51	*	*	*
Chick-Peas	9	-	-	-	-	8	-	-	-	-	0.9	-	-	-	-
Lentils	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	21	22	*	*	*	21	*	*	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	6	6	-	*	*	21	*	*	*	*	3.84	*	*	*	*
Groundnut	15	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	0	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Rapeseed	1	*	*	*	*	*	-	-	-	-	*	-	-	-	-

Table 8.6 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Wolayita Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	51,975	59,160	64,363	23.83	8.79	585,580	746,080	642,310.89	9.69	-13.91					
Cereals	40,560	43,563	43,680	7.69	0.27	506,050	613,783	427,559.21	-15.51	-30.34					
Teff	18,295	17,024	21,455	17.27	26.02	154,308	149,171	182,025.65	17.96	22.02	8.43	8.76	8.48	0.59	-3.20
Barley	637	660	590	-7.51	-10.67	4,879	5,809	4,575.67	-6.21	-21.23	7.65	8.80	7.76	1.44	-11.82
Wheat	4,965	3,443	4,067	-18.09	18.13	69,422	59,412	52,484.09	-24.40	-11.66	13.98	17.26	12.91	-7.65	-25.20
Maize	13,408	19,821	*	*	*	253,649	380,730	177,063.18	-30.19	-53.49	18.92	19.21	*	*	*
Sorghum	3,244	2,607	1,697	-47.68	-34.91	23,793	18,661	11,410.63	-52.04	-38.85	7.34	7.16	6.72	-8.45	-6.15
Finger Millet	6	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	4	7	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	11,348	15,362	20,676	82.20	34.60	79,484	132,268	214,751.68	170.18	62.36					
Faba Beans	1,658	1,487	2,159	30.23	45.22	13,254	13,631	20,211.00	52.49	48.27	7.99	9.17	9.36	17.15	2.07
Field Peas	2,169	1,964	2,543	17.25	29.48	14,690	15,446	22,366.97	52.26	44.81	6.77	7.87	8.8	29.99	11.82
Haricot beans	6,362	10,866	15,450	142.86	42.19	47,178	96,905	170,868.50	262.17	76.33	7.42	8.92	7.57	2.02	-15.13
Chick-Peas	1,154	1,005	*	*	*	4,350	6,094	*	*	*	3.77	6.07	*	*	*
Lentils	4	33	*	*	*	12	192	*	*	*	3.05	5.8	*	*	*
Grass Peas	*	3	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	1	5	*	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	68	236	*	*	*	46	29	-	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	11	5	-	*	*	*	-	-	*	*	*	-	-	-	-
Groundnut	9	37	-	*	*	4	22	-	-	-	0.5	0.6	-	-	-
Sufflower	22	3	-	*	*	42	7	-	*	*	1.88	2.68	-	-	-
Sesame	26	180	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	*	11	*	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.7 Forecast of 2006/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	33,526	36,875	42,815	27.70	16.11	279,971	335,116	516,800.78	84.59	54.22				
Cereals	27,498	30,112	38,011	38.23	26.23	236,481	292,834	477,807.29	102.05	63.17					
Teff	2,095	3,474	3,426	63.57	-1.38	15,950	25,534	33,350.86	109.10	30.61	7.61	7.35	9.73	27.86	32.38
Barley	4,390	3,474	2,768	*	*	31,755	28,058	28,735.35	*	*	7.23	8.08	10.38	*	*
Wheat	1,340	937	*	*	*	15,561	12,244	*	*	*	11.61	13.07	*	*	*
Maize	9,578	10,262	17,033	77.83	65.97	94,279	122,335	209,766.21	122.50	71.47	9.84	11.92	12.32	25.20	3.36
Sorghum	10,060	11,687	13,821	37.38	18.27	78,848	104,062	191,855.68	143.32	84.37	7.84	8.9	13.88	77.04	55.96
Finger Millet	25	*	*	*	*	51	*	*	*	*	2.07	*	*	*	*
Oats/'Aja'	10	-	-	*	*	39	-	-	-	-	3.90	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	5,520	5,819	4,119	-25.39	-29.22	40,179	39,459	36,475.53	-9.22	-7.56					
Faba Beans	2,045	2,284	1,289	-36.95	-43.56	19,994	22,848	15,553.74	-22.21	-31.93	9.78	10	12.07	23.42	20.70
Field Peas	1,368	1,114	*	*	*	10,108	6,426	*	*	*	7.39	5.77	*	*	*
Haricot beans	2,106	2,321	1,716	-18.56	-26.09	10,076	10,185	13,311.31	32.11	30.70	4.78	4.39	7.12	48.95	62.19
Chick-Peas	1	-	-	-	-	2	-	-	-	-	1.4	-	-	-	-
Lentils	*	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	*
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	509	944	685	34.62	-27.44	3,310	2,824	*	*	*					
Neug	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Linseed	65	*	*	*	*	241	*	*	*	*	3.72	*	*	*	*
Groundnut	53	*	*	*	*	44	*	*	*	*	0.83	*	*	*	*
Sufflower	334	246	*	*	*	2,953	2,489	*	*	*	8.85	10.11	*	*	*
Sesame	57	528	*	*	*	72	66	*	*	*	1.25	0.13	*	*	*
Rapeseed	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.8 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Major Crops	Shaka Zone														
	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	10,605	12,935	13,710	29.29	5.99	149,626	194,375	233,938.97	56.35	20.35					
Cereals	7,979	9,764	10,777	35.08	10.38	133,514	175,373	210,522.55	57.68	20.04					
Teff	379	521	547	*	*	2,475	4,047	5,325.84	*	*	6.52	7.77	9.74	49.39	25.35
Barley	200	151	*	*	*	1,518	1,390	*	*	*	7.58	9.18	*	*	*
Wheat	161	*	*	*	*	1,018	*	*	*	*	6.31	*	*	*	*
Maize	1,870	2,147	2,057	10.04	-4.16	39,605	54,343	45,651.18	15.27	-15.99	21.18	25.31	22.19	4.77	-12.33
Sorghum	5,313	6,363	7,795	46.73	22.52	88,096	108,118	152,008.34	72.55	40.59	16.58	16.99	19.5	17.61	14.77
Finger Millet	48	*	*	*	*	653	*	*	*	*	13.74	*	*	*	*
Oats/Aja'	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Rice	7	*	*	*	*	149	*	*	-	-	20.01	*	*	-	-
Pulses	2,622	3,153	2,930	11.77	-7.06	16,109	18,996	23,414.43	45.35	23.26					
Faba Beans	1,026	777	*	*	*	6,131	5,032	*	*	*	5.98	6.47	*	*	*
Field Peas	1,424	2,194	1,768	24.15	-19.42	7,762	11,900	13,779.66	77.52	15.80	5.45	5.42	7.79	42.94	43.73
Haricot beans	171	181	80	-53.53	-56.04	2,216	*	1,284.54	*	*	12.93	*	14.8	*	*
Chick-Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	0	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oilseeds	4	*	*	*	*	3	*	*	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	0	*	-	*	*	*	-	-	*	*	*	-	-	*	*
Groundnut	0	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	0	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	1	*	*	*	*	1	*	*	*	*	0.5	*	*	*	*
Rapeseed	3	*	*	*	*	2	*	*	*	*	*	*	*	*	*

Table 8.9 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Kaffa Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	106,748	121,104	120,546	12.93	-0.46	1,200,802	1,495,414	1,474,524.19	22.79	-1.40					
Cereals	70,949	81,665	85,847	21.00	5.12	916,617	1,183,032	1,128,158.92	23.08	-4.64					
Teff	25,664	24,472	27,899	8.71	14.00	213,288	208,613	290,330.99	36.12	39.17	8.31	8.52	10.41	25.27	22.18
Barley	11,385	14,159	8,981	-21.11	-36.57	119,053	178,500	119,716.00	0.56	-32.93	10.46	12.61	13.33	27.44	5.71
Wheat	9,043	10,613	*	*	*	109,236	143,087	*	*	*	12.08	13.48	*	*	*
Maize	13,031	17,597	20,115	54.36	14.31	308,081	426,794	271,256.83	-11.95	-36.44	23.64	24.25	13.49	-42.94	-44.37
Sorghum	11,036	13,483	16,018	45.14	18.80	156,634	209,112	296,645.40	89.39	41.86	14.19	15.51	18.52	30.51	19.41
Finger Millet	765	*	*	*	*	10,110	*	*	*	*	13.22	*	*	*	*
Oats/Aja'	25	*	*	*	*	215	*	*	*	*	8.68	*	*	*	*
Rice	*	9	*	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	35,631	38,964	34,116	-4.25	-12.44	283,586	310,738	344,958.49	21.64	11.01					
Faba Beans	18,717	17,900	16,834	-10.06	-5.95	157,554	159,727	163,189.90	3.58	2.17	8.42	8.92	9.69	15.08	8.63
Field Peas	13,630	15,365	12,631	-7.33	-17.79	102,208	113,005	141,676.58	38.62	25.37	7.5	7.35	11.22	49.60	52.65
Haricot beans	3,274	5,679	4,490	37.13	-20.94	23,821	38,007	40,092.01	68.30	5.49	7.28	6.69	8.19	12.50	22.42
Chick-Peas	0	*	*	-	-	2	-	-	-	-	6.56	-	-	-	-
Lentils	0	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	4	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	6	*	*	-	-	1	-	-	-	-	0.19	-	-	-	-
Fenugreek	0	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	168	475	584	248.35	22.95	598	1,644	1,406.78	*	*					
Neug	2	*	*	-	-	9	-	-	-	-	3.81	-	-	-	-
Linseed	105	263	147	40.57	-43.84	327	1,496	1,055.29	*	*	3.12	5.7	7.16	*	*
Groundnut	17	*	*	*	*	97	*	*	-	-	5.83	*	*	*	*
Safflower	3	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Sesame	39	*	*	-	-	164	*	*	-	-	4.25	*	*	-	-
Rapeseed	2	*	326	*	*	0	-	-	*	*	0.14	-	-	*	*

Table 8.10 Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	97,031	108,045	113,507	16.98	5.06	889,934	990,578.9	1,175,693.66	32.11	18.69				
Cereals	82,455	91,519	101,189	22.72	10.57	774,090	864,585.8	1,074,450.24	38.80	24.27					
Teff	25,731	23,643	28,092	9.18	18.82	182,149	164,693.4	252,661.58	38.71	53.41	7.08	6.97	8.99	26.98	28.98
Barley	16,785	19,609	17,787	5.97	-9.29	169,707	186,502.5	212,846.76	25.42	14.13	10.11	9.51	11.97	18.40	25.87
Wheat	12,751	17,238	10,336	-18.94	-40.04	134,791	172,819.0	119,610.47	-11.26	-30.79	10.57	10.03	11.57	9.46	15.35
Maize	16,989	19,162	39,222	130.87	104.69	215,988	235,493.0	411,949.97	90.73	74.93	12.71	12.29	10.5	-17.39	-14.56
Sorghum	10,180	11,855	5,753	-43.49	-51.47	71,448	105,078.0	77,381.46	8.30	-26.36	7.02	8.86	13.45	91.60	51.81
Finger Millet	19	*	-	*	*	6	-	-	-	-	0.35	-	-	-	-
Oats/Aja'	1	1	-	*	*	*	-	-	*	*	*	-	-	*	*
Rice	*	11	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	14,356	16,158	10,881	-24.21	-32.66	115,277	124,866.9	99,119.51	-14.02	-20.62					
Faba Beans	5,288	5,255	2,997	-43.32	-42.96	47,850	39,744.6	31,276.88	-34.63	-21.31	9.05	7.56	10.43	15.25	37.96
Field Peas	4,175	4,144	1,606	-61.53	-61.24	30,277	28,528.7	14,653.64	-51.60	-48.64	7.25	6.88	9.12	25.79	32.56
Haricot beans	4,409	5,895	6,240	41.54	5.86	34,831	51,687.9	52,901.69	51.88	2.35	7.9	8.77	7.78	-1.52	-11.29
Chick-Peas	308	165	-	*	*	1,459	735.1	-	*	*	4.73	4.45	-	*	*
Lentils	140	619	-	*	*	680	3,597.3	-	*	*	4.86	5.81	-	*	*
Grass Peas	1	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	2	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	35	79	*	*	*	180	573.4	*	*	*	5.19	7.26	*	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	221	368	*	*	*	567	1,126.2	*	*	*					
Neug	6	*	-	-	-	16	-	-	-	-	2.6	-	-	-	-
Linseed	145	115	*	*	*	242	780.7	*	*	*	1.67	6.81	*	*	*
Groundnut	61	80	*	*	*	307	345.5	*	*	*	5.04	4.34	*	*	*
Sufflower	7	11	-	*	*	0	-	-	*	*	0.03	-	-	-	-
Sesame	2	161	*	*	*	1	-	-	-	-	0.78	-	-	-	-
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.11 Forecast of 2007/08 (2000 E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	29,275	35,809	48,035	64.08	34.14	371,346	514,524	675,098.30	81.80	31.21					
Cereals	22,216	29,637	41,084	84.93	38.62	314,956	462,377	596,453.71	89.38	29.00					
Teff	5,760	8,543	5,329	-7.49	-37.63	46,535	67,501	52,403.03	12.61	-22.37	8.08	7.9	9.83	21.66	24.43
Barley	1,093	1,672	1,271	16.28	-23.99	9,999	14,643	13,780.31	37.82	-5.89	9.15	8.76	10.84	18.47	23.74
Wheat	293	301	*	*	*	1,080	1,176	*	*	*	3.69	3.9	*	*	*
Maize	9,789	11,693	13,690	39.84	17.07	188,789	282,881	325,122.34	72.22	14.93	19.29	24.19	23.75	23.12	-1.82
Sorghum	5,221	7,154	15,771	202.08	120.46	67,497	92,397	200,755.94	197.43	117.27	12.93	12.92	12.73	-1.55	-1.47
Finger Millet	47	174	*	*	*	898	3,778	*	*	*	19.28	21.74	*	*	*
Oats/Aja'	*	8	-	*	*	*	-	-	-	-	*	-	-	-	-
Rice	13	92	*	-	-	159	-	-	-	-	12.64	-	-	-	-
Pulses	6,992	5,983	6,853	-1.98	14.55	56,274	52,108	78,638.18	39.74	50.91					
Faba Beans	2,531	1,850	1,918	-24.22	3.69	18,954	16,411	23,401.55	23.46	42.59	7.49	8.87	12.2	62.88	37.54
Field Peas	2,995	1,574	1,944	-35.10	23.47	22,611	11,279	17,061.10	-24.55	51.26	7.55	7.16	8.78	16.29	22.63
Haricot beans	1,461	2,553	2,991	104.78	17.15	14,709	24,418	38,175.52	159.55	56.34	10.07	9.56	8.74	-13.21	-8.58
Chick-Peas	*	0	-	-	-	*	-	-	-	-	*	-	-	-	-
Lentils	4	1	-	-	-	*	-	-	-	-	*	-	-	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	1	3	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	*	-	-	-	*	-	-	-	-	*	-	-	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	67	189	*	*	*	116	39	*	*	*					
Neug	0	35	*	*	*	*	-	-	-	-	*	-	-	-	-
Linseed	18	50	-	*	*	8	23	-	-	-	0.46	0.47	-	-	-
Groundnut	3	41	*	*	*	14	-	-	-	-	4.99	-	-	-	-
Sufflower	1	1	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	33	54	*	*	*	73	-	-	*	*	2.24	-	-	*	*
Rapeseed	13	9	*	*	*	20	16	*	*	*	1.6	1.69	*	*	*

Table 8.12 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Yem Special Wereda															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07			
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	15,312	14,669	20,664	34.95	40.87	158,523	159,299	207,114.77	30.65	30.02					
Cereals	12,552	12,353	16,679	32.88	35.02	140,486	142,170	175,025.83	24.59	23.11					
Teff	4,918	4,810	7,146	45.29	48.57	41,017	42,844	55,696.82	35.79	30.00	8.34	8.91	7.79	-6.59	-12.57
Barley	911	1,130	1,884	106.79	66.68	7,288	9,321	17,038.12	133.79	82.80	8.00	8.25	9.04	13.00	9.58
Wheat	3,716	3,515	3,704	-0.34	5.36	43,956	44,203	49,756.19	13.20	12.56	11.83	12.58	13.43	13.52	6.76
Maize	2,025	1,967	2,457	21.33	24.90	39,391	36,280	39,768.49	0.96	9.61	19.45	18.44	16.18	-16.81	-12.26
Sorghum	964	923	1,476	53.13	59.84	8,702	9,492	12,614.00	44.96	32.89	9.03	10.28	8.55	-5.32	-16.83
Finger Millet	2	*	-	*	*	2	*	-	*	*	0.8	*	-	*	*
Oats/Aja'	15	*	*	*	*	*	*	*	*	*	8.68	*	*	*	*
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2,501	2,237	3,817	52.63	70.65	17,282	16,870	31,421.24	81.81	86.26					
Faba Beans	1,242	1,282	2,292	84.53	78.74	9,353	10,085	19,812.67	111.84	96.47	7.53	7.86	8.64	14.74	9.92
Field Peas	1,166	856	1,276	9.42	49.01	7,407	6,189	9,356.99	26.33	51.19	6.35	7.23	7.33	15.43	1.38
Haricot beans	12	*	45	*	*	173	*	1,072.13	*	*	13.88	*	16.28	*	*
Chick-Peas	15	*	*	*	*	91	*	*	*	*	5.87	*	*	*	*
Lentils	58	59	195	235.86	231.86	232	322	1,144.96	393.90	255.22	4	5.49	5.88	47.00	7.10
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	6	7	8	29.43	11.44	27	28	32.26	19.35	17.10	4.28	3.75	3.94	-7.94	5.07
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	260	79	168	-35.40	111.83	755	259	667.7	-11.52	157.89					
Neug	44	*	-	*	*	95	*	-	*	*	2.18	*	-	*	*
Linseed	206	53	160	-22.25	199.34	643	204	649.84	1.13	218.81	3.12	3.82	4.06	30.13	6.28
Groundnut	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	10	12	*	*	*	17	26	*	*	*	1.65	2.15	*	*	*

Table 8.13 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Amaro Special Wereda															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	8,828	9,217	6,817	-22.78	-26.03	51,153	52,869	46,567.75	-8.96	-11.92				
Cereals	6,875	7,498	5,900	-14.18	-21.32	42,033	45,735	43,150.72	2.66	-5.65					
Teff	3,387	3,540	3,049	-9.98	-13.89	19,920	20,927	22,656.19	13.74	8.27	5.88	5.91	7.43	26.36	25.72
Barley	874	1,012	564	-35.39	-44.23	4,841	6,408	3,729.05	-22.97	-41.81	5.54	6.33	6.61	19.31	4.42
Wheat	1,024	727	*	*	*	5,181	5,241	*	*	*	5.06	7.21	*	*	*
Maize	1,347	1,685	1,746	*	*	10,859	11,008	12,988.38	19.61	*	8.06	6.53	7.44	*	*
Sorghum	219	534	94	*	*	1,232	2,151	396.48	*	*	5.63	4.03	4.22	*	*
Finger Millet	24	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	1,914	1,702	910	-52.44	-46.50	9,029	7,134	3,417.03	-62.16	-52.10					
Faba Beans	270	377	*	*	*	1,345	1,794	*	*	*	4.99	4.76	*	*	*
Field Peas	443	527	187	-57.83	-64.53	1,749	1,943	776.62	-55.59	-60.03	3.94	3.69	4.15	5.33	12.47
Haricot beans	711	414	260	-63.48	-37.26	3,810	2,017	1,366.74	-64.12	-32.23	5.36	4.87	4.83	-9.89	-0.82
Chick-Peas	395	*	*	*	*	1,775	826	*	-	-	4.49	*	*	*	*
Lentils	76	108	*	*	*	281	527	*	*	*	3.71	4.89	*	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	5	3	-	-	-	34	*	-	-	-	6.9	*	-	-	-
Fenugreek	15	*	-	-	-	36	*	-	-	-	2.4	*	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	39	16	*	*	*	90	-	-	-	-					
Neug	30	-	-	*	*	90	-	-	-	-	3	-	-	-	-
Linseed	2	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Groundnut	1	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	5	4	*	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	2	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Rapeseed	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.14 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Burji Special Wereda															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over	
			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07
Total Grains	6,510	4,783	3,648	-43.97	-23.72	28,644	20,953	18,269.95	-36.22	-12.81					
Cereals	3,866	2,809	2,623	-32.15	-6.61	18,425	13,349	12,598.41	-31.62	-5.63					
Teff	1,368	830	414	-69.70	-50.06	7,060	3,337	1,525.40	-78.39	-54.29	5.16	4.02	3.68	-28.68	-8.46
Barley	309	181	73	-76.54	-59.85	1,029	680	324.59	-68.44	-52.25	3.32	3.76	4.47	34.64	18.88
Wheat	472	326	363	-23.02	11.54	1,581	1,065	1,308.40	-17.23	22.84	3.35	3.27	3.6	7.46	10.09
Maize	1,129	935	1,395	23.51	49.12	6,476	6,447	8,181.77	26.35	26.91	5.74	6.89	5.87	2.26	-14.80
Sorghum	588	535	378	-35.81	-29.47	2,280	1,821	1,258.25	-44.82	-30.89	3.88	3.4	3.33	-14.18	-2.06
Finger Millet	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Oats/'Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2,634	1,970	1,002	-61.96	-49.14	10,209	7,602	5,668.34	-44.48	-25.44					
Faba Beans	19	21	*	*	*	78	87	*	*	*	4.08	4.23	*	*	*
Field Peas	67	103	*	*	*	240	390	*	*	*	3.58	3.8	*	*	*
Haricot beans	1,736	1,397	900	-48.16	-35.58	6,897	5,964	5,512.93	-20.06	-7.56	3.97	4.27	5.62	41.56	31.62
Chick-Peas	742	373	*	*	*	2,837	1,026	*	*	*	3.82	2.75	*	*	*
Lentils	37	52	*	*	*	108	98	*	*	*	2.89	1.87	*	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	33	24	-	*	*	48	37	-	*	*	1.47	1.52	-	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	10	*	*	*	*	10	*	*	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	8	*	-	*	*	9	*	-	*	*	1.18	*	-	*	*
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	2	*	*	*	*	1	*	*	-	-	0.53	*	*	-	-
Sesame	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.15 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Konso Special Wereda															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over	
			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07
Total Grains	21,879	22,554	22,270	1.79	-1.26	102,986	110,453	121,100.04	17.59	9.64					
Cereals	19,508	19,792	20,806	6.65	5.12	90,476	96,055	112,373.22	24.20	16.99					
Teff	2,784	2,483	2,201	-20.94	-11.34	11,251	11,554	10,619.71	*	*	4.04	4.65	4.82	19.31	3.66
Barley	161	146	*	*	*	775	631	*	*	*	4.82	4.31	*	*	*
Wheat	64	*	*	*	*	452	*	*	*	*	7	*	*	*	*
Maize	5,411	5,316	4,451	-17.74	-16.27	35,498	39,099	37,645.52	6.05	-3.72	6.56	7.36	8.46	28.96	14.95
Sorghum	11,088	11,821	14,085	27.03	19.15	42,500	44,614	63,747.44	49.99	42.89	3.83	3.77	4.53	18.28	20.16
Finger Millet	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Oats/'Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	2,366	2,760	1,445	-38.94	-47.66	12,499	14,389	8,726.82	-30.18	-39.35					
Faba Beans	1	*	*	-	-	4	*	*	-	-	2.59	*	*	-	-
Field Peas	16	*	-	*	*	56	*	-	-	-	3.6	*	-	-	-
Haricot beans	2,089	2,422	1,429	-31.62	-41.00	10,772	12,273	8,695.93	-19.27	-29.15	5.16	5.07	5.58	8.14	10.06
Chick-Peas	235	*	-	*	*	1,578	*	-	*	*	6.72	*	-	*	*
Lentils	25	*	-	*	*	90	*	-	*	*	3.55	*	-	*	*
Grass Peas	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	5	*	*	*	*	11	*	-	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	3	-	*	*	*	3	-	-	-	-	1	-	-	-	-
Groundnut	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	2	*	-	*	*	8	*	-	*	*	4.11	*	-	*	*
Sesame	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.16 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Derashe Special Wereda															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
	Total Grains	14,961	16,629	17,335	15.87	4.25	135,142	136,954	140,230.45	3.77	2.39				
Cereals	13,440	14,673	15,860	18.01	8.09	123,926	125,302	131,465.96	6.08	4.92					
Teff	1,791	2,117	1,552	-13.33	-26.70	15,235	16,600	10,677.03	-29.92	-35.68	8.51	7.84	6.88	-19.15	-12.24
Barley	476	542	278	-41.59	-48.73	4,104	4,989	2,915.66	-28.96	-41.56	8.62	9.2	10.49	21.69	14.02
Wheat	141	*	*	*	*	1,336	*	*	*	*	9.44	*	*	*	*
Maize	3,939	2,880	6,048	53.57	109.99	35,338	26,502	50,303.49	42.35	89.81	8.97	9.2	8.32	-7.25	-9.57
Sorghum	7,093	8,761	7,937	11.90	-9.40	67,913	73,590	67,087.48	-1.22	-8.84	9.57	8.4	8.45	-11.70	0.60
Finger Millet	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	1,510	1,951	1,462	-3.14	-25.06	11,076	11,611	8,764.49	-20.87	-24.52					
Faba Beans	59	*	*	*	*	330	*	*	*	*	5.59	*	*	*	*
Field Peas	81	*	*	*	*	460	*	*	*	*	5.67	*	*	*	*
Haricot beans	1,037	960	1,081	4.34	12.71	7,321	4,709	6,422.36	-12.28	36.37	7.06	4.91	5.45	-22.80	11.00
Chick-Peas	320	547	*	*	*	2,847	4,283	*	*	*	8.88	7.83	*	*	*
Lentils	12	*	*	*	*	118	*	*	*	*	9.66	*	*	*	*
Grass Peas	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	-	-	*	*	0	-	-	-	-	1.28	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	12	*	*	*	*	140	*	-	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	0	*	*	*	*	*	-	-	*	*	*	-	-	*	*
Groundnut	0	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sufflower	11	*	-	*	*	137	*	-	-	-	12.51	*	-	-	-
Sesame	0	-	-	*	*	2	-	-	-	-	6.44	-	-	-	-
Rapeseed	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-

Table 8.17 Forecast of 2007/08 (2000E.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		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	25,507	30,941	29,337	15.01	-5.18	210,135	278,583	281,471.66	33.95	1.04					
Cereals	12,932	20,017	17,983	39.06	-10.16	101,374	170,695	159,877.06	57.71	-6.34					
Teff	6,897	10,755	9,262	34.29	-13.87	41,180	71,151	70,412.18	70.98	-1.04	5.97	6.62	7.6	27.30	14.80
Barley	1,029	1,070	876	-14.79	-18.10	7,900	8,976	8,488.02	7.44	-5.44	7.68	8.39	9.68	26.04	15.38
Wheat	908	1,718	508	-44.11	-70.45	7,923	15,944	4,825.51	-39.10	-69.74	8.73	9.28	9.51	8.93	2.48
Maize	1,678	3,802	4,562	171.82	19.98	24,324	54,634	51,425.51	111.42	-5.87	14.49	14.37	11.27	-22.22	-21.57
Sorghum	2,382	2,510	2,725	14.40	8.57	19,878	19,331	24,360.86	22.55	26.02	8.35	7.7	8.94	7.07	16.10
Finger Millet	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Oats/'Aja'	39	127	*	*	*	168	658	*	*	*	4.32	5.19	*	*	*
Rice	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Pulses	12,435	10,734	10,820	-12.99	0.79	108,155	106,620	115,907.22	7.17	8.71					
Faba Beans	4,646	4,623	4,485	-3.47	-2.99	45,972	47,371	53,057.91	15.41	12.00	9.89	10.25	11.83	19.62	15.41
Field Peas	6,285	3,976	4,274	-31.99	7.50	45,655	31,406	44,099.17	-3.41	40.42	7.26	7.9	10.32	42.15	30.63
Haricot beans	1,280	1,693	*	*	*	15,857	26,667	*	*	*	12.39	15.75	*	*	*
Chick-Peas	0	*	*	*	*	1	-	-	*	*	3.83	-	-	*	*
Lentils	212	397	*	*	*	593	1,159	*	*	*	2.8	2.92	*	*	*
Grass Peas	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Soya Beans	12	*	-	*	*	77	*	-	-	-	6.54	*	-	-	-
Fenugreek	*	*	-	*	*	*	-	-	*	*	*	-	-	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	140	190	534	282.31	181.69	606	1,269	*	*	*					
Neug	2	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	115	119	187	62.15	57.80	366	378	549.41	50.02	45.39	3.17	3.18	2.93	-7.57	-7.86
Groundnut	22	65	*	*	*	240	891	*	*	*	10.99	13.67	*	*	*
Sufflower	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	0	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-

Table 8.18 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Basketo Special Wereda															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	Total Grains	3,923	3,564	3,868	-1.42	8.53	38,830	41,638	42,587.05	9.67	2.28				
Cereals	3,545	3,149	3,580	0.99	13.68	36,086	38,208	40,541.36	12.35	6.11					
Teff	1,860	1,575	2,672	43.65	69.65	11,504	11,232	22,429.33	94.97	99.70	6.19	7.13	8.4	35.70	17.81
Barley	404	291	*	*	*	2,676	2,488	*	*	*	6.63	8.56	*	*	*
Wheat	8	31	*	*	*	79	107	*	*	*	9.35	3.43	*	*	*
Maize	812	835	768	-5.40	-8.07	16,642	18,267	16,604.48	-0.23	-9.10	20.5	21.87	21.62	5.46	-1.14
Sorghum	462	416	124	-73.10	-70.19	5,185	6,114	1,389.40	-73.21	-77.27	11.23	14.68	11.19	-0.36	-23.77
Finger Millet	*	1	*	-	-	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	0	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	361	386	271	-24.85	-29.67	2,664	3,313	2,005.44	-24.71	-39.47					
Faba Beans	5	7	6	36.17	-5.47	11	18	18.52	61.61	4.22	2.44	2.62	2.89	18.44	10.31
Field Peas	90	108	103	13.86	-5.18	556	785	830.86	49.44	5.84	6.16	7.24	8.08	31.17	11.60
Haricot beans	250	243	161	-35.69	-33.86	2,028	2,511	1,156.06	-43.00	-53.95	8.12	10.34	6.6	-18.72	-36.17
Chick-Peas	14	27	-	*	*	60	-	-	-	-	4.2	-	-	-	-
Lentils	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Grass Peas	1	-	-	-	-	8	-	-	-	-	5.8	-	-	-	-
Soya Beans	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	1	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Gibto	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	17	28	16	-5.45	-43.91	80	116	*	-	*					
Neug	*	-	-	*	*	*	-	-	-	-	*	-	-	-	-
Linseed	3	9	12	*	*	3	13	17.83	*	*	1.28	1.52	1.47	*	*
Groundnut	2	*	*	*	*	4	-	-	*	*	2.28	-	-	*	*
Sunflower	7	11	*	*	*	56	103	*	*	*	7.82	9.25	*	*	*
Sesame	5	8	-	*	*	17	-	-	-	-	3.18	-	-	-	-
Rapeseed	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-

Table 8.19 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Konta Special Wereda															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	9,936	11,983	13,306	33.91	11.04	88,563	116,504	144,831.82	63.54	24.32					
Cereals	6,738	8,839	7,629	13.21	-13.70	60,928	90,093	75,774.73	24.37	-15.89					
Teff	4,055	4,687	4,362	7.58	-6.92	25,285	29,573	36,381.53	43.89	23.02	6.24	6.31	8.34	33.65	32.17
Barley	739	741	408	-44.76	-44.92	9,466	9,417	6,619.98	-30.06	-29.70	12.81	12.7	16.21	26.54	27.64
Wheat	251	554	*	*	*	3,276	7,281	*	*	*	13.05	13.14	*	*	*
Maize	607	1,519	183	-69.79	-87.93	9,524	28,564	3,048.39	-67.99	-89.33	15.7	18.81	16.64	5.99	-11.54
Sorghum	1,074	1,331	2,507	133.37	88.29	13,275	15,186	26,676.05	100.96	75.67	12.36	11.41	10.64	-13.92	-6.75
Finger Millet	*	-	*	*	*	*	-	-	-	-	*	-	-	-	-
Oats/Aja'	12	7	*	*	*	102	73	*	*	*	8.22	9.87	*	*	*
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	3,183	3,004	5,673	78.23	88.82	27,599	26,370	69,048.57	150.18	161.85					
Faba Beans	1,801	1,623	3,717	106.44	129.02	18,222	16,243	52,486.00	188.03	223.13	10.12	10.01	14.12	39.53	41.06
Field Peas	1,117	833	1,664	48.93	99.63	7,255	5,028	12,927.58	78.18	157.13	6.49	6.03	7.77	19.72	28.86
Haricot beans	265	547	292	10.09	-46.63	2,122	5,099	3,634.99	71.33	-28.71	8.01	9.33	8.53	6.49	-8.57
Chick-Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Lentils	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	0	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	*	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	15	139	*	*	*	36	41	*	*	*					
Neug	0	4	-	*	*	*	-	-	*	*	*	-	-	*	*
Linseed	4	10	*	*	*	15	41	*	*	*	3.3	3.98	*	*	*
Groundnut	0	3	-	*	*	1	-	-	-	-	8.25	-	-	-	-
Sufflower	0	*	-	-	-	1	-	-	-	-	7.25	-	-	-	-
Sesame	11	122	-	-	-	19	-	-	-	-	1.8	-	-	-	-
Rapeseed	*	-	*	-	-	*	-	-	-	-	*	-	-	-	-

Table 8.20 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Silite Zone															
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)		
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07			
	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	2005/06	2006/07	
Total Grains	88,835	89,419	89,777	1.06	0.40	1,166,428	1,410,090	1,543,557.64	32.33	9.47					
Cereals	81,271	81,746	82,184	1.12	0.54	1,100,902	1,333,915	1,455,216.72	32.18	9.09					
Teff	13,846	15,060	17,308	25.00	14.93	98,560	117,991	160,451.72	62.80	35.99	7.12	7.83	9.27	30.20	18.39
Barley	6,017	4,934	7,627	26.77	54.57	74,777	70,751	126,488.47	69.15	78.78	12.43	14.34	16.58	33.39	15.62
Wheat	16,888	17,314	17,467	3.43	0.88	237,183	294,295	375,200.75	58.19	27.49	14.04	17.00	21.48	52.99	26.35
Maize	27,848	29,606	29,303	5.22	-1.02	514,977	658,698	675,061.96	31.09	2.48	18.49	22.25	23.04	24.61	3.55
Sorghum	14,970	12,817	9,290	-37.95	-27.52	159,128	169,142	108,601.54	-31.75	-35.79	10.63	13.2	11.69	9.97	-11.44
Finger Millet	1,662	1,997	*	*	*	15,765	22,880	*	*	*	9.48	11.45	*	*	*
Oats/Aja'	39	*	-	*	*	512	*	-	*	*	13.08	*	-	*	*
Rice	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	7,195	7,343	7,315	1.68	-0.37	64,454	75,459	87,297.72	35.44	15.69					
Faba Beans	2,900	2,080	2,794	-3.67	34.30	24,432	20,834	30,551.79	25.05	46.64	8.42	10.02	10.94	29.93	9.18
Field Peas	1,581	1,553	2,980	88.52	91.86	14,178	15,395	37,568.14	164.97	144.03	8.97	9.91	12.61	40.58	27.25
Haricot beans	1,394	2,210	1,073	-23.04	-51.44	16,260	25,123	13,488.63	-17.04	-46.31	11.66	11.37	11.53	-1.11	1.41
Chick-Peas	520	566	*	*	*	3,322	3,303	*	*	*	6.39	5.84	*	*	*
Lentils	100	*	*	*	*	244	182	*	*	*	2.43	*	*	*	*
Grass Peas	667	*	*	*	*	5,961	*	*	*	*	8.94	*	*	*	*
Soya Beans	2	*	-	*	*	*	-	-	-	-	*	-	-	-	-
Fenugreek	31	18	*	*	*	57	37	*	*	*	1.86	2.07	*	*	*
Gibto	*	-	-	*	*	*	-	-	-	-	*	-	-	*	-
Oilseeds	369	330	278	-24.80	-15.80	1,072	715	*	*	*					
Neug	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	339	195	*	*	*	1,003	488	*	*	*	2.96	2.5	*	*	*
Groundnut	0	*	*	*	*	*	-	-	-	-	*	-	-	-	-
Sufflower	*	-	-	*	*	*	-	-	-	-	*	-	-	*	-
Sesame	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Rapeseed	30	132	*	*	*	69	228	*	*	*	2.31	1.73	*	*	*

Table 8.21 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Alaba Special Wereda															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of	
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	26,589	28,862	36,155	35.98	25.27	346,081	450,241	571,152.36	65.03	26.85					
Cereals	25,341	26,966	34,039	34.33	26.23	332,876	429,922	545,084.64	63.75	26.79					
Teff	5,469	6,428	8,810	61.10	37.05	32,884	43,273	68,638.37	108.73	58.62	6.01	6.73	7.79	29.62	15.75
Barley	172	167	*	*	*	1,933	1,701	*	*	*	11.25	10.19	*	*	*
Wheat	3,159	2,460	3,111	-1.54	26.46	42,544	42,944	71,786.62	68.74	67.17	13.47	17.46	23.08	71.34	32.19
Maize	11,894	12,895	16,064	35.06	24.58	211,631	280,579	339,377.16	60.36	20.96	17.79	21.76	21.13	18.77	-2.90
Sorghum	3,338	3,384	4,249	27.30	25.55	32,103	40,872	48,510.45	51.11	18.69	9.62	12.08	11.42	18.71	-5.46
Finger Millet	1,309	1,631	1,671	27.66	2.40	11,780	20,553	14,850.94	26.07	-27.74	9.00	12.6	8.89	-1.22	-29.44
Oats/Aja'	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Pulses	1,189	1,847	2,002	68.37	8.42	13,012	20,117	25,633.59	97.01	27.42					
Faba Beans	62	*	*	*	*	581	*	*	*	*	9.34	*	*	*	*
Field Peas	12	*	*	*	*	31	*	*	*	*	2.60	*	*	*	*
Haricot beans	1,023	1,719	1,734	69.48	0.87	12,117	19,505	24,404.42	101.40	25.12	11.84	11.35	9.64	-18.58	-15.07
Chick-Peas	10	-	-	-	*	54	-	-	-	*	5.56	-	-	-	*
Lentils	56	66	135	141.05	104.74	147	122	287.65	-	*	2.63	1.85	2.13	*	*
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	4	*	*	*	-	32	*	-	-	-	8.09	*	-	-	-
Fenugreek	22	32	91	*	*	50	69	217.74	*	*	2.23	2.19	2.4	*	*
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	59	49	113	92.54	129.98	194	202	434.13	123.41	114.81					
Neug	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	29	23	55	88.77	138.20	108	117	299.14	176.47	155.39	3.69	5.04	5.41	46.61	7.34
Groundnut	3	-	-	-	-	15	-	-	-	-	4.90	-	-	-	-
Sufflower	0	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	*	*	*	*	*	*	-	-	-	*	*	-	-	-	*
Rapeseed	26	*	*	*	*	71	*	*	-	*	2.70	*	*	-	*

Table 9. Forecast of 2007/08 (2000 E.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		Forecast	% Change Of		Estimates of		Forecast	% Change Of		Estimates of		Forecast	% Change Of	
	2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over		2005/06	2006/07	of	2007/08 over	
			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07			2007/08	2005/06	2006/07
Total Grains	9,890	9,890	10,782	9.01	9.02	171,067	171,067	189354	10.69	10.69					
Cereals	8,840	8,840	10,119	14.47	14.47	168,018	168,018	181093	7.78	7.78					
Teff	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-
Barley	*	*	*	*	*	*	*	-	*	*	*	*	-	*	*
Wheat	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-
Maize	5,842	5,842	6,916	18.37	18.38	125,584	125,584	127756	1.73	1.73	21.5	21.5	18.47	-14.09	-14.09
Sorghum	2,889	2,889	2,946	2.00	1.98	41,288	41,288	53337	29.18	29.18	14.29	14.29	18.1	26.66	26.66
Finger Millet	*	*	*	*	*	*	*	-	-	-	*	*	-	*	*
Oats/Aja'	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	*	-	-	-	*	*	-	*	*
Pulses	107	107	*	*	*	503	503	*	*	*					
Faba Beans	-	-	*	*	*	-	-	-	*	*	-	-	-	-	-
Field Peas	*	*	*	*	*	-	-	-	*	*	-	-	-	-	-
Haricot beans	106	106	*	*	*	503	503	*	*	*	4.73	4.73	*	*	*
Chick-Peas	-	-	-	*	*	-	-	-	-	*	-	-	-	-	-
Lentils	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-
Grass Peas	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-
Soya Beans	-	-	-	*	*	-	-	-	*	*	-	-	-	-	-
Fenugreek	-	-	-	*	*	-	-	-	*	*	-	-	-	-	-
Gibto	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-
Oilseeds	944	944	600	-36.39	-36.39	2,546	2,546	7928	211.38	211.39					
Neug	*	*	-	*	*	-	-	-	-	-	-	-	-	-	-
Linseed	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-
Groundnut	76	76	*	*	*	*	*	*	-	-	*	*	*	*	*
Sufflower	*	*	-	*	*	-	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapeseed	*	*	*	*	*	*	*	-	*	*	*	*	-	-	-

Table .9. Interval Estimates for 2007/08 (2000 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	10.16	8,634.96	12,928.74	11.06	148,320.00	230,387.36
Cereals	9.59	8,217.04	12,021.72	10.61	143,437.35	218,748.75
Teff	*	*	*	-	*	*
Barley	*	*	*	-	*	*
Wheat	*	*	*	-	*	*
Maize	13.67	5,063.17	8,767.85	14.7	90,941.31	164,571.03
Sorghum	24.24	1,546.57	4,345.89	25.52	26,660.84	80,012.94
Finger Millet	*	*	*	-	*	*
Oats/'Aja'	-	*	*	-	*	*
Rice	*	*	*	-	*	*
Pulses	*	*	*	*	*	*
Faba Beans	*	*	*	-	*	*
Field Peas	*	*	*	-	*	*
Haricot beans	*	*	*	*	*	*
Chick-Peas	-	*	*	-	*	*
Lentils	-	*	*	-	*	*
Grass Peas	-	*	*	-	*	*
Soya Beans	-	*	*	-	*	*
Fenugreek	-	*	*	-	*	*
Gibto	-	*	*	-	*	*
Oilseeds	39.02	141.21	1,059.75	35.98	2,337.11	13,518.79
Neug	-	*	*	-	*	*
Linseed	*	*	*	-	*	*
Groundnut	*	*	*	*	*	*
Sufflower	-	*	*	-	*	*
Sesame	*	*	*	*	*	*
Rapeseed	*	*	*	-	*	*

Table 9.1 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Agnuwak Zone

Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)			
	Estimates of		Forecast of	% Change Of		Estimates of		Forecast of	% Change Of		Estimates of	Forecast of	% Change Of			
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07			2005/06	2006/07		
Total Grains	9,890	9,890	6,736									110051				
Cereals			6,101									101891				
Teff			*									-				
Barley			-									-				
Wheat			*									-				
Maize			4,607									80218				17.41
Sorghum			1,242									80218				*
Finger Millet			*									-				
Oats/'Aja'			-									-				
Rice			*									-				
Pulses			*									*				
Faba Beans			-									-				
Field Peas			-									-				
Haricot beans			*									*				*
Chick-Peas			-									-				
Lentils			-									-				
Grass Peas			-									-				
Soya Beans			-									-				
Fenugreek			-									-				
Gibto			-									-				
Oilseeds			591									7907				
Neug			-									-				
Linseed			*									*				*
Groundnut			*									*				*
Safflower			-									-				
Sesame			*									*				*
Rapeseed			-									-				

Table 9.2 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Mezhenger Zone															
Major Crops	TOTAL AREA IN HECTARES					TOTAL PROD. IN QUINTALS					Yield(Qts/Ha)				
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains			2,116					39664							
Cereals			2,092					39582							
Teff			-					-							
Barley			*					-							
Wheat			-					-							
Maize			427					-							
Sorghum			1,659					8410						19.68	
Finger Millet			-					31172						18.79	
Oats/'Aja'			-					-						-	
Rice			*					-						-	
Pulses			18					77						-	
Faba Beans			*					-						-	
Field Peas			*					-						-	
Haricot beans			13					77						-	
Chick-Peas			-					-						5.8	
Lentils			-					-						-	
Grass Peas			-					-						-	
Soya Beans			-					-						-	
Fenugreek			-					-						-	
Gibto			-					-						-	
Oilseeds			*					*						-	
Neug			-					-						-	
Linseed			-					-						-	
Groundnut			*					*						-	
Sufflower			-					-						*	
Sesame			-					-						-	
Rapeseed			*					-						-	

Table 9.3 Forecast of 2007/08 (2000 E.C.) Area, Production and Yield of Major Crops for Private Peasant Holdings in Ethiopia, Meher Season

Itang Special Wereda																
Major Crops	TOTAL AREA IN HECTARES						TOTAL PROD. IN QUINTALS						Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	
Total Grains			1,931					39639								
Cereals			1,927					39621								
Teff			-					-								
Barley			-					-								
Wheat			-					-								
Maize			1,881					39129						20.8		
Sorghum			*					*						*		
Finger Millet			-					-						-		
Oats/Aja'			-					-						-		
Rice			-					-						-		
Pulses			1					*						*		
Faba Beans			-					-						-		
Field Peas			-					-						-		
Haricot beans			1					*						*		
Chick-Peas			-					-						-		
Lentils			-					-						-		
Grass Peas			-					-						-		
Soya Beans			-					-						-		
Fenugreek			-					-						-		
Gibto			-					-						-		
Oilseeds			*					*						*		
Neug			-					-						-		
Linseed			-					-						-		
Groundnut			*					*						*		
Sufflower			-					-						-		
Sesame			-					-						-		
Rapeseed			-					-						-		

Table 10. Forecast of 2007/08 (2000 E.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 PROD. IN QUINTALS					Yield(Qts/Ha)			
	Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07	2005/06	2006/07	2007/08	2005/06	2006/07
Total Grains	8,807	9,428	9,664	9.72	2.50	78,154	107,843	101,209	29.50	-6.15					
Cereals	6,462	6,994	7,298	12.93	4.34	61,896	87,846	86,635	39.97	-1.38					
Teff	1	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Barley	55	*	62	*	*	595	*	833	*	*	10.87	*	13.49	*	*
Wheat	51	65	*	*	*	445	721	*	*	*	8.71	11.16	*	*	*
Maize	933	1,366	1,583	69.65	15.85	12,141	22,127	26,401	117.45	19.32	13.01	16.19	16.68	28.21	3.03
Sorghum	5,407	5,473	5,582	3.23	1.98	48,552	63,862	58,509	20.51	-8.38	8.98	11.67	10.48	16.70	-10.20
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oats/'Aja'	15	*	*	*	*	162	*	*	*	*	11.2	*	*	*	*
Rice	*	-	-	-	*	*	-	-	-	-	*	-	-	-	-
Pulses	8	45	37	*	*	109	659	*	*	*					
Faba Beans	*	*	-	*	*	*	-	-	*	*	*	-	-	*	*
Field Peas	*	*	*	-	*	*	-	-	-	-	*	-	-	-	-
Haricot beans	7	*	*	*	*	105	*	*	*	*	16.01	*	*	*	*
Chick-Peas	0	*	-	-	*	*	-	-	-	-	*	-	-	*	*
Lentils	0	*	*	-	-	1	*	*	-	-	9.13	*	*	-	-
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Fenugreek	0	*	*	*	*	3	*	*	-	-	5.98	*	*	-	-
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Oilseeds	2,338	2,389	2,329	-0.39	-2.54	16,150	19,338	14,042	-13.05	-27.39					
Neug	*	*	-	-	-	*	-	-	-	-	*	-	-	-	-
Linseed	*	*	*	-	-	*	-	-	-	-	*	-	-	-	-
Groundnut	2,255	2,240	2,295	1.75	2.44	15,686	18,500	13,969	-10.94	-24.49	6.96	8.26	6.09	-12.50	-26.27
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	-
Sesame	83	145	*	11.59	9.72	464	838	*	*	*	5.61	5.76	*	*	*
Rapeseed	*	--	*	*	*	*	--	-	-	-	*	-	-	-	-

Table .10. Interval Estimates for 2007/08 (2000 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	7.57	8,230.30	11,097.20	8.48	84,388.98	118,029.94
Cereals	7.35	6,246.58	8,348.48	10.01	69,634.47	103,635.41
Teff	*	*	*	-	*	*
Barley	41.71	11.26	112.24	41.13	161.55	1,504.77
Wheat	*	*	*	*	*	*
Maize	14.22	1,141.60	2,024.18	15.41	18,428.26	34,373.96
Sorghum	9.23	4,572.02	6,591.64	11.46	45,371.84	71,646.22
Finger Millet	-	*	*	-	*	*
Oats/Aja'	*	*	*	*	*	*
Rice	-	*	*	-	*	*
Pulses	42.58	6.21	68.77	*	*	*
Faba Beans	-	*	*	-	*	*
Field Peas	*	*	*	-	*	*
Haricot beans	*	*	*	*	*	*
Chick-Peas	-	*	*	-	*	*
Lentils	*	*	*	*	*	*
Grass Peas	-	*	*	-	*	*
Soya Beans	-	*	*	-	*	*
Fenugreek	*	*	*	*	*	*
Gibto	-	*	*	-	*	*
Oilseeds	18.31	1,492.93	3,164.53	17.65	9,183.88	18,900.38
Neug	-	*	*	-	*	*
Linseed	*	*	*	-	*	*
Groundnut	18.45	1,464.81	3,124.35	17.68	9,128.49	18,810.45
Safflower	-	*	*	-	*	*
Sesame	*	*	*	*	*	*
Rapeseed	-	*	*	-	*	*

Table 12. Forecast of 2007/08 (2000 E.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		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over		Estimates of		Forecast of 2007/08	% Change Of 2007/08 over	
	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07	2005/06	2006/07		2005/06	2006/07
Total Grains	7,888	8,551	9,432	19.56	10.30	78,917	104,214	126,107	59.80	21.01					
Cereals	7,423	7,937	8,634	16.32	8.79	75,268	97,802	117,132	55.62	19.76					
Teff	*	*	-	*	*	*	-	-	-	-	*	-	-	-	
Barley	22	*	*	*	*	172	*	*	*	*	7.93	*	*	*	
Wheat	*	*	*	*	*	*	-	-	*	*	*	-	-	*	
Maize	106	335	482	352.55	43.54	1,295	3,750	7,011	441.31	86.96	12.17	11.18	14.56	19.64	30.23
Sorghum	7,295	7,553	8,080	10.77	6.98	73,801	93,680	110,118	49.21	17.55	10.12	12.4	13.63	34.68	9.92
Finger Millet	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oats/Aja'	*	-	-	*	*	*	-	-	*	*	*	-	-	*	
Rice	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Pulses	350	433	647	84.79	49.30	2,867	4,707	7,385	157.58	56.89					
Faba Beans	0	-	-	*	*	*	-	-	-	-	*	-	-	-	
Field Peas	*	-	-	*	*	*	-	-	-	-	*	-	-	-	
Haricot beans	345	427	641	86.04	50.23	2,848	4,667	7,351	158.12	57.50	8.26	10.93	11.46	38.74	4.85
Chick-Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Lentils	1	-	-	*	*	*	-	-	-	-	*	-	-	-	
Grass Peas	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Soya Beans	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Fenugreek	4	*	*	*	*	19	*	*	*	*	4.3	*	*	*	
Gibto	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Oilseeds	116	181	*	*	*	782	1,705	*	*	*					
Neug	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Linseed	*	*	-	-	-	*	-	-	-	-	*	-	-	-	
Groundnut	74	*	*	*	*	552	*	*	*	*	7.45	*	*	*	
Sufflower	*	-	-	-	-	*	-	-	-	-	*	-	-	-	
Sesame	42	93	*	*	*	230	706	*	*	*	5.52	7.59	*	*	
Rapeseed	*	*	-	-	-	*	-	-	-	-	*	-	-	-	

Table .11. Interval Estimates for 2007/08 (2000 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	9.75	7,628.53	11,234.53	10.25	100,778.34	151,436.26
Cereals	9.19	7,078.73	10,189.95	9.82	94,579.61	139,683.75
Teff	-	*	*	-	*	*
Barley	*	*	*	*	*	*
Wheat	*	*	*	-	*	*
Maize	29.03	207.59	755.53	30.64	2,800.15	11,220.93
Sorghum	10.57	6,407.07	9,753.77	11.1	86,166.02	134,070.10
Finger Millet	-	*	*	-	*	*
Oats/'Aja'	-	*	*	-	*	*
Rice	-	*	*	-	*	*
Pulses	25.73	320.63	972.87	28.27	3,293.81	11,477.09
Faba Beans	-	*	*	-	*	*
Field Peas	-	*	*	-	*	*
Haricot beans	25.49	320.85	961.69	28.12	3,299.25	11,403.27
Chick-Peas	-	*	*	-	*	*
Lentils	-	*	*	-	*	*
Grass Peas	-	*	*	-	*	*
Soya Beans	-	*	*	-	*	*
Fenugreek	*	*	*	*	*	*
Gibto	-	*	*	-	*	*
Oilseeds	*	*	*	*	*	*
Neug	-	*	*	-	*	*
Linseed	-	*	*	-	*	*
Groundnut	*	*	*	*	*	*
Sufflower	-	*	*	-	*	*
Sesame	*	*	*	*	*	*
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, production and yield of specific crop in a stratum.

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

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

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

Where:

- h Represents the stratum
- n_h Is the total number of sample EAs successfully covered in the h^{th} stratum.
- M_h Is the measure of size of the h^{th} stratum as obtained from the sampling frame.
- m_{hi} Is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.
- H_{hi} Is the number of 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}_h Estimated total for stratum h .

4. Sampling Variance of Estimates:

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

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

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.

5. 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:

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

6. Estimator of Ratio:

The estimator of a given ratio in a stratum is $\hat{R}_h = \frac{\hat{Y}_h}{\hat{X}_h}$,

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

7. Variance of the ratio estimate of the stratum

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

Where,

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

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

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

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

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

Appendix II
Standard Error and Coefficient of Variation
for Area and Expected Production

APPENDIX II . Standard Error and Coefficient of Variation for the estimates of Area and Expected Production, 2007/08 (2000 E.C) Crop Production Forecast Sample Survey.

National

Crop	AREA IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	11,017,583.75	163,347.92	1.48	164,510,541.07	3,055,573.87	1.86
Cereals.....	8,744,095.60	138,145.70	1.58	141,627,961.69	2,829,111.77	2
Teff.....	2,397,121.45	71,545.02	2.98	27,601,590.25	987,803.22	3.58
Barley.....	1,024,706.31	55,371.17	5.4	14,555,029.44	847,382.33	5.82
Wheat.....	1,479,287.16	67,374.50	4.55	27,117,651.90	1,513,750.75	5.58
Maize.....	1,891,202.98	59,801.93	3.16	41,661,655.16	1,649,214.20	3.96
Sorghum.....	1,498,198.94	60,708.56	4.05	24,674,516.93	1,167,939.16	4.73
Finger millet.....	391,824.14	24,683.84	6.3	5,260,658.24	360,677.05	6.86
Oats/'Aja'.....	32,035.04	4,394.89	13.72	367,582.42	62,377.90	16.97
Rice.....	29,719.58	12,625.64	42.48 *	*	*	*
Pulses.....	1,508,459.75	46,570.47	3.09	17,714,777.98	667,526.69	3.77
Horse beans.....	522,743.74	21,073.33	4.03	6,718,735.57	298,802.23	4.45
Field peas.....	219,018.06	11,286.99	5.15	2,331,770.98	136,181.82	5.84
Haricot beans.....	263,209.05	17,768.66	6.75	2,505,275.52	187,490.48	7.48
Chick-peas.....	208,656.63	21,307.92	10.21	2,776,806.90	336,048.77	12.1
Lentils.....	106,045.51	9,177.80	8.65	823,956.11	106,845.15	12.97
Vetch.....	126,759.36	14,051.30	11.09	1,991,135.14	237,303.28	11.92
Soya beans.....	9,163.44	2,097.07	22.89	54,825.07	15,740.92	28.71
Fenugreek.....	29,523.83	4,522.76	15.32	210,285.47	32,961.05	15.67
Gibto.....	23,340.13	4,332.87	18.56	301,987.23	60,188.42	19.93
Oilseeds.....	765,028.41	37,792.31	4.94	5,167,801.41	324,068.41	6.27
Neug.....	286,323.09	19,509.52	6.81	1,619,843.90	126,972.22	7.84
Linseed.....	180,938.69	20,857.50	11.53	1,161,328.96	205,273.35	17.68
Groundnuts.....	34,983.58	7,533.21	21.53	458,618.01	114,634.31	25
Sunflower.....	11,705.79	1,988.27	16.99	143,329.22	29,344.19	20.47
Sesame.....	215,253.86	24,123.15	11.21	1,433,541.42	173,398.13	12.1
Rapeseed.....	35,823.40	3,671.32	10.25	351,139.90	39,559.43	11.27

Tigray Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	881,506.67	41,046.49	4.66	11,083,178.49	529,790.30	4.78
Cereals.....	689,670.62	34,053.93	4.94	9,471,874.23	471,413.45	4.98
Teff.....	176,492.93	14,234.61	8.07	1,958,902.92	187,482.46	9.57
Barley.....	112,365.23	11,415.19	10.16	1,210,633.67	108,161.94	8.93
Wheat.....	102,051.01	12,430.36	12.18	1,587,431.07	170,884.31	10.76
Maize.....	70,840.12	5,656.50	7.98	1,089,541.18	108,403.58	9.95
Sorghum.....	153,952.03	15,035.25	9.77	2,654,339.08	277,589.82	10.46
Finger millet.....	73,492.62	7,180.04	9.77	967,348.39	114,204.54	11.81
Oats/'Aja'.....	*	*	*	*	*	*
Rice.....	*	*	*	-	-	-
Pulses.....	99,340.37	8,293.33	8.35	1,028,934.67	109,652.63	10.66
Horse beans.....	27,660.20	3,405.60	12.31	316,588.83	51,300.39	16.2
Field peas.....	8,645.34	1,512.26	17.49	104,520.64	21,959.06	21.01
Haricot beans.....	5,631.43	2,342.21	41.59	*	*	*
Chick-peas.....	21,635.29	4,232.26	19.56	229,484.81	65,451.16	28.52
Lentils.....	13,824.56	2,454.25	17.75	105,393.26	18,793.98	17.83
Vetch.....	19,422.28	5,593.48	28.8	219,837.02	64,092.72	29.15
Soya beans.....	*	*	*	-	-	-
Fenugreek.....	2,314.77	864.48	37.35	14,882.08	6,500.03	43.68
Gibto.....	-	-	-	-	-	-
Oilseeds.....	92,495.68	12,880.27	13.93	582,369.59	74,138.12	12.73
Neug.....	7,817.38	1,600.11	20.47	54,210.68	11,566.16	21.34
Linseed.....	12,155.36	2,481.08	20.41	82,031.81	15,103.21	18.41
Groundnuts.....	*	*	*	*	*	*
Sunflower.....	*	*	*	*	*	*
Sesame.....	72,217.77	12,799.46	17.72	445,629.17	74,414.40	16.7
Rapeseed.....	*	*	*	-	-	-

Afar Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	18,021.78	3,597.36	19.96	517,355.09	185,753.10	35.9
Cereals.....	17,518.01	3,525.08	20.12	515,223.25	185,708.22	36.04
Teff.....	2,492.71	976.05	39.16	14,899.96	6,813.97	45.73
Barley.....	*	*	*	*	*	*
Wheat.....	*	*	*	*	*	*
Maize.....	13,221.00	3,107.25	23.5	490,610.23	185,456.39	37.8
Sorghum.....	1,551.95	580.45	37.4	7,712.61	2,817.21	36.53
Finger millet.....	*	*	*	-	-	-
Oats/Aja'.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	259.65	85.31	32.86	1,239.04	450.9	36.39
Horse beans.....	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-
Haricot beans.....	238.92	81.04	33.92	1,152.05	426.67	37.04
Chick-peas.....	*	*	*	*	*	*
Lentils.....	*	*	*	-	-	-
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	*	*	*	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	244.13	94.23	38.6	892.81	417.45	46.76
Neug.....	*	*	*	-	-	-
Linseed.....	2.66	1.3	48.82	-	-	-
Groundnuts.....	*	*	*	-	-	-
Sunflower.....	121.67	57.06	46.9	557.66	276.65	49.61
Sesame.....	110.08	43.01	39.07	335.15	155.82	46.49
Rapeseed.....	-	-	-	-	-	-

Amhara Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	3,796,973.72	90,455.21	2.38	54,077,526.34	1,536,654.77	2.84
Cereals.....	2,856,581.64	73,957.62	2.59	44,128,113.23	1,368,497.20	3.1
Teff.....	995,163.07	46,796.74	4.7	11,362,767.61	622,340.33	5.48
Barley.....	340,252.82	29,300.21	8.61	4,761,074.06	445,424.25	9.36
Wheat.....	405,519.77	28,892.67	7.12	7,121,285.96	554,127.06	7.78
Maize.....	403,171.54	21,923.20	5.44	9,606,646.62	560,924.66	5.84
Sorghum.....	482,539.01	42,331.46	8.77	8,356,894.01	867,757.01	10.38
Finger millet.....	201,829.64	21,375.59	10.59	2,466,050.27	291,858.88	11.84
Oats/'Aja'.....	7,596.10	1,799.31	23.69	77,472.88	18,646.30	24.07
Rice.....	*	*	*	*	*	*
Pulses.....	682,179.06	34,870.51	5.11	8,289,951.67	516,572.69	6.23
Horse beans.....	226,067.91	13,613.66	6.02	3,081,421.12	191,056.90	6.2
Field peas.....	89,271.20	7,110.26	7.96	965,720.91	80,511.62	8.34
Haricot beans.....	61,414.95	9,790.96	15.94	528,452.59	106,046.46	20.07
Chick-peas.....	136,371.68	18,476.49	13.55	1,857,779.69	304,076.57	16.37
Lentils.....	58,755.75	6,459.26	10.99	373,742.51	49,583.12	13.27
Vetch.....	64,994.31	10,197.28	15.69	1,037,651.37	172,639.99	16.64
Soya beans.....	*	*	*	-	-	-
Fenugreek.....	19,639.23	4,110.78	20.93	143,248.05	30,370.03	21.2
Gibto.....	23,243.21	4,332.58	18.64	301,935.44	60,188.40	19.93
Oilseeds.....	258,213.02	21,883.19	8.47	1,659,461.43	160,133.26	9.65
Neug.....	121,155.72	13,859.21	11.44	558,552.42	69,417.79	12.43
Linseed.....	36,911.28	4,158.57	11.27	185,234.73	24,592.30	13.28
Groundnuts.....	*	*	*	*	*	*
Sunflower.....	8,651.16	1,668.30	19.28	123,670.71	27,903.07	22.56
Sesame.....	67,770.59	17,467.30	25.77	533,039.57	140,032.42	26.27
Rapeseed.....	22,044.41	2,512.41	11.4	240,814.99	28,971.76	12.03

Oromia Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	4,990,410.74	120,352.95	2.41	81,176,296.00	2,411,475.62	2.97
Cereals.....	4,100,741.64	103,494.90	2.52	72,136,600.13	2,263,657.87	3.14
Teff.....	989,083.85	49,656.42	5.02	12,143,039.46	724,496.48	5.97
Barley.....	485,319.82	44,704.51	9.21	7,432,239.18	700,721.11	9.43
Wheat.....	864,295.28	58,662.49	6.79	16,415,625.36	1,382,595.28	8.42
Maize.....	1,031,035.29	48,961.17	4.75	23,851,724.04	1,369,845.87	5.74
Sorghum.....	623,693.48	38,303.42	6.14	10,707,714.32	702,298.41	6.56
Finger millet.....	79,952.19	8,650.48	10.82	1,300,122.56	158,891.10	12.22
Oats/Aja'.....	23,593.52	3,987.61	16.9	282,988.61	59,412.28	20.99
Rice.....	*	*	*	*	*	*
Pulses.....	530,012.78	26,593.82	5.02	6,541,382.66	390,131.35	5.96
Horse beans.....	205,095.85	14,908.74	7.27	2,600,326.20	215,691.90	8.29
Field peas.....	82,804.97	7,865.38	9.5	871,546.62	95,672.59	10.98
Haricot beans.....	115,415.23	11,980.82	10.38	1,273,801.25	138,253.09	10.85
Chick-peas.....	43,768.42	8,171.51	18.67	654,879.35	123,555.21	18.87
Lentils.....	31,492.58	6,009.99	19.08	335,874.54	92,709.13	27.6
Vetch.....	40,852.89	7,861.69	19.24	720,875.69	149,573.89	20.75
Soya beans.....	3,281.81	978.25	29.81	32,692.78	13,984.83	42.78
Fenugreek.....	7,296.34	1,675.17	22.96	51,386.22	11,035.77	21.48
Gibto.....	*	*	*	-	-	-
Oilseeds.....	359,656.32	27,610.53	7.68	2,498,313.21	266,634.27	10.67
Neug.....	143,368.90	13,247.91	9.24	915,336.75	101,842.09	11.13
Linseed.....	129,180.41	20,279.96	15.7	885,191.26	203,227.52	22.96
Groundnuts.....	20,759.12	7,159.50	34.49	278,762.34	104,296.29	37.41
Sunflower.....	2,406.19	1,058.46	43.99	*	*	*
Sesame.....	51,021.31	10,123.44	19.84	294,155.73	66,229.61	22.52
Rapeseed.....	12,920.37	2,671.09	20.67	108,361.02	26,930.71	24.85

Somale Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	86,225.50	10,049.04	11.65	547,683.75	75,638.07	13.81
Cereals.....	83,564.83	10,094.00	12.08	540,923.39	75,253.58	13.91
Teff.....	-	-	-	-	-	-
Barley.....	2,297.90	977.83	42.55	*	*	*
Wheat.....	4,243.53	1,927.49	45.42	11,313.63	4,715.43	41.68
Maize.....	41,276.85	5,092.48	12.34	308,404.10	44,321.64	14.37
Sorghum.....	35,293.49	6,916.09	19.6	218,750.37	50,846.46	23.24
Finger millet.....	*	*	*	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	1,026.02	457.69	44.61	6,760.35	3,217.71	47.6
Horse beans.....	-	-	-	-	-	-
Field peas.....	*	*	*	-	-	-
Haricot beans.....	968.74	446.89	46.13	6,760.35	3,217.71	47.6
Chick-peas.....	*	*	*	-	-	-
Lentils.....	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	*	*	*	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	*	*	*	-	-	-
Neug.....	-	-	-	-	-	-
Linseed.....	*	*	*	-	-	-
Groundnuts.....	*	*	*	-	-	-
Sunflower.....	-	-	-	-	-	-
Sesame.....	*	*	*	-	-	-
Rapeseed.....	-	-	-	-	-	-

Benshangul-Gumuz Region

Crop	IN HECTARES		PRODUCTION IN QUINTALS			
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	196,270.43	12,086.74	6.16	2,781,399.68	198,118.20	7.12
Cereals.....	139,813.10	8,026.68	5.74	2,276,653.94	154,475.82	6.79
Teff.....	15,120.98	2,637.37	17.44	154,044.23	33,957.77	22.04
Barley.....	596.51	234.49	39.31	7,121.86	3,119.30	43.8
Wheat.....	*	*	*	*	*	*
Maize.....	33,451.37	3,132.94	9.37	670,962.27	69,960.58	10.43
Sorghum.....	60,334.82	6,236.74	10.34	954,721.81	107,588.90	11.27
Finger millet.....	28,951.73	4,781.78	16.52	468,774.27	79,910.91	17.05
Oats/'Aja'.....	*	*	*	*	*	*
Rice.....	324.62	104.04	32.05	4,875.31	1,640.95	33.66
Pulses.....	11,987.60	1,450.27	12.1	118,812.68	17,685.01	14.88
Horse beans.....	863.35	277.86	32.18	8,875.92	3,034.63	34.19
Field peas.....	*	*	*	*	*	*
Haricot beans.....	7,516.41	1,204.66	16.03	85,301.13	15,904.52	18.65
Chick-peas.....	287.18	113.42	39.49	676.32	284.42	42.05
Lentils.....	*	*	*	*	*	*
Vetch.....	*	*	*	-	-	-
Soya beans.....	2,987.44	843.03	28.22	22,132.29	7,225.04	32.64
Fenugreek.....	*	*	*	-	-	-
Gibto.....	*	*	*	*	*	*
Oilseeds.....	44,469.73	4,288.19	9.64	385,933.06	52,492.10	13.6
Neug.....	13,908.13	3,236.51	23.27	91,685.07	28,240.50	30.8
Linseed.....	810.86	265.29	32.72	2,511.48	1,081.00	43.04
Groundnuts.....	6,182.60	1,355.62	21.93	136,133.15	45,303.22	33.28
Sunflower.....	67.36	30.7	45.58	342.18	153.35	44.82
Sesame.....	23,380.45	3,227.24	13.8	154,486.63	22,943.84	14.85
Rapeseed.....	*	*	*	*	*	*

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

Crop	AREA IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	1,018,297.79	45,477.01	4.47	13,910,431.27	893,966.59	6.43
Cereals.....	830,154.50	39,535.27	4.76	12,173,713.82	848,599.47	6.97
Teff.....	218,722.40	15,889.00	7.26	1,967,936.08	164,934.31	8.38
Barley.....	83,666.16	8,811.49	10.53	1,139,226.14	130,125.30	11.42
Wheat.....	101,994.13	10,234.48	10.03	1,965,465.04	208,597.54	10.61
Maize.....	289,226.87	24,901.51	8.61	5,482,598.90	689,503.46	12.58
Sorghum.....	124,225.68	10,573.34	8.51	1,552,420.75	162,025.65	10.44
Finger millet.....	7,033.87	1,706.95	24.27	58,362.73	15,215.52	26.07
Oats/'Aja'.....	350.92	143.17	40.8	2,370.55	906.56	38.24
Rice.....	*	*	*	*	*	*
Pulses.....	182,908.05	13,209.72	7.22	1,719,446.39	119,124.25	6.93
Horse beans.....	63,052.17	4,980.72	7.9	711,523.50	60,134.00	8.45
Field peas.....	38,034.79	3,559.42	9.36	388,217.11	49,262.34	12.69
Haricot beans.....	71,303.12	8,315.71	11.66	563,509.64	64,349.71	11.42
Chick-peas.....	*	*	*	*	*	*
Lentils.....	1,957.20	605.48	30.94	8,859.07	3,033.55	34.24
Vetch.....	1,470.62	600.92	40.86	12,771.05	5,297.02	41.48
Soya beans.....	266.88	115.88	43.42	-	-	-
Fenugreek.....	235.8	54.58	23.15	666.27	222.1	33.34
Gibto.....	*	*	*	-	-	-
Oilseeds.....	5,235.23	1,158.32	22.13	17,271.06	4,085.08	23.65
Neug.....	*	*	*	*	*	*
Linseed.....	1,728.69	480.17	27.78	6,359.68	1,291.10	20.3
Groundnuts.....	2,111.57	984.1	46.61	*	*	*
Sunflower.....	194.85	96.26	49.4	*	*	*
Sesame.....	*	*	*	*	*	*
Rapeseed.....	725.65	164.05	22.61	1,189.34	410.51	34.52

Gambella Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	10,781.85	1,095.35	10.16	189,353.68	20,935.55	11.06
Cereals.....	10,119.38	970.58	9.59	181,093.05	19,212.09	10.61
Teff.....	*	*	*	-	-	-
Barley.....	*	*	*	-	-	-
Wheat.....	*	*	*	-	-	-
Maize.....	6,915.51	945.07	13.67	127,756.17	18,783.09	14.7
Sorghum.....	2,946.23	714.11	24.24	53,336.89	13,610.23	25.52
Finger millet.....	*	*	*	-	-	-
Oats/Aja'.....	-	-	-	-	-	-
Rice.....	*	*	*	-	-	-
Pulses.....	*	*	*	*	*	*
Horse beans.....	*	*	*	-	-	-
Field peas.....	*	*	*	-	-	-
Haricot beans.....	*	*	*	*	*	*
Chick-peas.....	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	600.48	234.32	39.02	7,927.95	2,852.47	35.98
Neug.....	-	-	-	-	-	-
Linseed.....	*	*	*	-	-	-
Groundnuts.....	*	*	*	*	*	*
Sunflower.....	-	-	-	-	-	-
Sesame.....	*	*	*	*	*	*
Rapeseed.....	*	*	*	-	-	-

Harari Region

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	9,663.75	731.35	7.57	101,209.46	8,581.88	8.48
Cereals.....	7,297.53	536.2	7.35	86,634.94	8,673.71	10.01
Teff.....	*	*	*	-	-	-
Barley.....	61.75	25.76	41.71	833.16	342.66	41.13
Wheat.....	*	*	*	*	*	*
Maize.....	1,582.89	225.15	14.22	26,401.11	4,067.78	15.41
Sorghum.....	5,581.83	515.21	9.23	58,509.03	6,702.65	11.46
Finger millet.....	-	-	-	-	-	-
Oats/'Aja'.....	*	*	*	*	*	*
Rice.....	-	-	-	-	-	-
Pulses.....	37.49	15.96	42.58	*	*	*
Horse beans.....	-	-	-	-	-	-
Field peas.....	*	*	*	-	-	-
Haricot beans.....	*	*	*	*	*	*
Chick-peas.....	-	-	-	-	-	-
Lentils.....	*	*	*	*	*	*
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	*	*	*	*	*	*
Gibto.....	-	-	-	-	-	-
Oilseeds.....	2,328.73	426.43	18.31	14,042.13	2,478.70	17.65
Neug.....	-	-	-	-	-	-
Linseed.....	*	*	*	-	-	-
Groundnuts.....	2,294.58	423.35	18.45	13,969.47	2,469.89	17.68
Sunflower.....	-	-	-	-	-	-
Sesame.....	*	*	*	*	*	*
Rapeseed.....	-	-	-	-	-	-

Dire Dawa

Crop	IN HECTARES			PRODUCTION IN QUINTALS		
	Estimate	S.E.	C.V.	Estimate	S.E.	C.V.
Grain Crops.....	9,431.53	919.9	9.75	126,107.30	12,922.94	10.25
Cereals.....	8,634.34	793.68	9.19	117,131.68	11,506.16	9.82
Teff.....	-	-	-	-	-	-
Barley.....	*	*	*	*	*	*
Wheat.....	*	*	*	-	-	-
Maize.....	481.56	139.78	29.03	7,010.54	2,148.16	30.64
Sorghum.....	8,080.42	853.75	10.57	110,118.06	12,220.43	11.1
Finger millet.....	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	646.75	166.39	25.73	7,385.45	2,087.57	28.27
Horse beans.....	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-
Haricot beans.....	641.27	163.48	25.49	7,351.26	2,067.35	28.12
Chick-peas.....	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	*	*	*	*	*	*
Gibto.....	-	-	-	-	-	-
Oilseeds.....	*	*	*	*	*	*
Neug.....	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-
Groundnuts.....	*	*	*	*	*	*
Sunflower.....	-	-	-	-	-	-
Sesame.....	*	*	*	*	*	*
Rapeseed.....	-	-	-	-	-	-

Appendix III

**The 2007/08(2000 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 2007/8 (2000 E.C.) Annual Crop Production Forecast Survey.

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	310	310
	Central Tigray	39	39	390	388
	Eastern Tigray	29	29	290	290
	Southern Tigray	38	38	380	380
	Western Tigray	25	24	250	240
	Region Total	162	161	1620	1608
Afar	Zone One	24	22	240	220
	Zone Three	24	14	240	138
	Region Total	48	36	480	358
Amhara	North Gonder	44	44	440	439
	South Gonder	44	44	440	440
	North Wello	45	39	450	390
	South Wello	46	46	460	460
	North Shewa	40	39	400	390
	East Gojam	47	46	470	460
	West Gojam	46	46	460	460
	Wag Hemira	28	24	280	240
	Awi	32	32	320	320
	Oromia	28	27	280	270
	Argoba Special Wereda	20	19	200	190
	Region Total	420	406	4200	4059
Oromia	West Wellega	36	36	360	360
	East Wellega	36	35	360	349
	Illubabor	36	36	360	360
	Jimma	46	46	460	460
	West Shewa	42	41	420	410
	North Shewa	34	33	340	329
	East Shewa	40	38	400	380
	Arsi	44	40	440	400

	West Harerghe	40	40	400	394
	East Harerghe	42	41	420	410
	Bale	40	17	400	170
	Borena	36	36	360	360
	South West Shewa	38	35	380	350
	Guji	36	36	360	360
	Kelem Wellega	36	36	360	359
	Horoguduru Wellega	36	36	360	360
	West Arsi	39	38	390	380
	Region Total	657	620	6570	6191
Somali	Shinile	20	17	200	170
	Jijiga	28	28	280	280
	Liben	24	24	240	240
	Region Total	72	69	720	690
Benishangul-Gumuz	Pawe Special	20	20	200	200
	Metekel	24	22	240	220
	Asosa	24	24	240	240
	Maokomo	20	20	200	200
	Kemashi	20	18	200	180
	Region Total	108	104	1080	1040
SNNP	Guraghe	38	36	380	360
	Hadiya	34	34	340	340
	Kembata_Tambaro	33	33	330	330
	Sidama	42	42	420	420
	Gedeo	34	32	340	320
	Wolayita	39	39	390	390
	South Omo	33	32	330	320
	Shaka	24	24	240	240
	Keffa	36	35	360	349
	Gamo_Gofa	38	38	380	380
	Bench_Maji	32	32	320	320
	Yem Specia Wereda	20	20	200	200
	Amaro Special Wereda	20	20	200	200
	Burji Special Wereda	20	20	200	199
	Konso Special Wereda.	20	20	200	200
	Derashe Special Wereda.	20	18	200	180

	Dawro	32	30	320	300
	Basketo Special Wereda.	20	19	200	190
	Konta Special Wereda.	20	17	200	170
	Siltie	30	26	300	260
	Alaba Special Wereda.	20	17	200	170
	Region Total	605	584	6050	5838
Gambela	Agnuak	20	10	200	100
	Nuer	20	0	200	0
	Mejenger	20	19	200	190
	Etang Special Wereda	20	9	200	90
	Region Total	80	38	800	380
Harari	Harari	24	24	240	240
Dire Dawa	Dire Dawa	24	24	240	239
Country Total		2200	2066	22000	20263

Appendix IV - Questionnaires

Crop Production Sample Survey

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

(Meher Season) – 2007/ 08 (2000 E.C)

Part I. Identification Particulars

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

Part II. Area Under Temporary Crops and Agricultural Practices

and

Area Measurement Result

1	2	3	4	5	6	7	
Sr. No.	Questions	Parcel No.	Field No.		The Field is Pure stand = 1 Mixed = 2 Other Land Use = 3		
		Crop Name	Crop Name	Crop Name	Date of Measurement	Area in Sq.m.	
		Code	Code	Code	Date	Month	
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					Closure	
0	3 Was the Field been Irrigated Yes = 1 No = 2					Error	
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				Side ID	1- 2 2- 3 3-	
0	5 Area in percentage of each crop (for mixed Crops)				Bearing(o)		
0	6 Variety of seeds used Improved=1 Indigenous=2				Distance of		
0	7 (for cereals, pulses and oil seeds only) if indigenous seed was used what was the total quantity	Kg	gra m	Kg	gra m	Side ID	4- 5 - 6 -
0	8 (For cereals, pulses and oil seeds only) If Improved seed was used what was the total quantity	Kg	gra m	Kg	gra m	Bearing(o)	
0	9 (For cereals, pulses and oil seeds only) If Improved seed was used what was the total quantity	Birr	Cent s	Birr	Cent s	Distance of	
1	0 Was there crop damage? Yes=1 No=2					Side ID	7- 8 - 9 -
1	1 If there was crop damage then the major causes of damage Code →					Bearing(o)	
1	2 Percentage of damage					Distance of	
1	3 Any control /preventive measure taken for damage? Yes=1 No=2					Side ID	10 - 11 - 12 -
1	4 If yes what type of measure chemical=1 Non chemical=2 Both=3					Bearing(o)	
1	5 if chemical Insecticide=1 Herbicides=2 Fungicides=3 1&2=4 1&3=5 2&3=6 All=7					Distance of	
1	6 Was the field Fertilized? Yes=1 No=2					Side ID	13 - 14 - 15 -
1	7 If yes what type? Natural =1 Chemical=2 Both=3					Bearing(o)	
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					Distance of	
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					Side ID	16- 17 - 18 -
2	0 Crop Production in local unit	Local unit	Code	quantity	Local unit	Code	quantity

APPENDIX IV: Questionnaires used for the 2007/08 (2000 E.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- 2007/08 (2000 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					11	
					Crop Productivity Compared to Last Year						
					Increase = 1 Equal/ No change = 2 Decrease = 3	If Increase		If Decrease			Change In Percent
						Quantity in Percent	One Major Reason for Increase	Quantity in Percent	One Major Reason for Decrease		
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 2007/08(2000 E.C)
Forecast of Crop Production Sample Survey
Assessment of 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/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 2007/08(2000 E.C)
Forecast of Crop Production Sample Survey
Assessment of 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	=	If increase/Decrease Quantity of increase/Decrease In percent
		Equal/No change Decrease 3	= 2	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.

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