

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY**

**AGRICULTURAL SAMPLE SURVERY
2005/06(1998 E.C)
VOLUME
VI**



**REPORT ON FARM MANAGMENT
PRACTICES FOR BELG/SECOND SEASON CROPS**

PRIVATE PEASANT HOLDINGS

**ADDIS ABABA
SEPTEMBER 2006**

361

STATISTICAL BULLETIN

361

CONTENTS		PAGE
LIST OF TABLES.....		II
LIST OF FIGURES.....		III
I INTRODUCTION AND OBJECTIVES OF THE SURVEY		1
1.1 Introduction.....		1
1.2 Objectives of the Survey.....		2
II SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING.....		2
2.1 Scope and Coverage of the Survey.....		2
2.2 Sample Design.....		3
2.3 Field Organization.....		4
2.4 Training of Field Staff.....		4
2.5 Methods of Data Collection.....		5
2.6 Data Processing.....		6
a. Editing, Coding and Verification.....		6
b. Data Entry, Cleaning and Tabulation.....		6
2.7 Basic Concepts and Definitions.....		7
III SUMMARY OF THE MAJOR FINDINGS OF THE SURVEY.....		9
3.1 Comparison of the Performance of the 2003/04 and 2004/05 Area and Production of Major Crops.....		12
3.2 Results of the 2005/06(1998 E.C) Both Seasons (Meher and Belg).....		13
3.3 Comparison of 2004/05 and 2005/06 of Both Seasons(Meher and Belg) Area and production of Major Crop.....		15
APPENDIX I.....		65
APPENDIX II.....		70
APPENDIX III.....		77
Statistical Tables Presenting Results at National and Regional Levels.....		19

LIST OF TABLES

Summary Table A.

Estimates of total area and production of major belg crops for private peasant holdings in Ethiopia, 2005/06(1998 E.C).....	11
---	----

Summary Table B,

Total area and production of major crops for private peasant holdings in Ethiopia both seasons, 2005/06(1998 E.C).....	14
--	----

Summary Table C,

Total cropland area and production of major crops for private peasant holdings in Ethiopia, both seasons 2004/05(1997 E.C) and 2005/06(1998 E.C).....	15
---	----

Summary Table D,

Total cropland area and production of major crops for private peasant holdings in Ethiopia, 2004/05(1997 E.C) and 2005/06(1998 E.C)..	15
---	----

Table 1. Estimates of 2004/05(1997E.C) and 2005/06(1998E.C)Area,

Production and Yield of Major Belg Season Crops for Private Peasant Holdings in Ethiopia.....	16
---	----

Table2. Estimates of 2004/05(1997 E.C) and 2005/06(1998 E.C) Area and Production

of major Belg Season Crops for Private Peasant Holdings in Ethiopia, by Region.....	18
---	----

Table 3. Cropland Area, Production and Yield of Major Belg Season Crops for Private

Peasant Holdings for 2005/06(1998 E.C) in Ethiopia	21
--	----

LIST OF FIGURES

- Figure 1. Estimates of total area under major crops for private peasant holdings in Ethiopia, both seasons,2005/06(1998 E.C)..... 13
- Figure2. Estimates of total production of major crops for private peasant holdings in Ethiopia, both seasons,2005/06(19968E.C)..... 14

1. INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 Introduction

Country's experience showed that farmers' attitude and tendency to adopt and accept new innovations, modern agricultural techniques and technologies, such as use of fertilizers, irrigation, improved seeds and pesticides that help to improve their living standards through attaining enhanced productivity, do have positive impact on the development of the agricultural sector as a whole.

The extent of adopting modern agricultural practices, such as utilization of fertilizer, irrigation, pesticides and improved seeds, by the peasant farmers can be considered as important indicators for estimating the rate of adoption of modern technologies.

This report which is Volume VI of the six series reports, presents quantitative information about the use of modern agricultural inputs for Belg season crops of 2005/06 (1998 E.C.) of the private peasant holdings for the country and regions as it was obtained from the results of the Belg Season Crop Production Sample Survey conducted in May, 2006 by the Central Statistical Agency (CSA).

1.2 Objectives of the 2005/06 Belg Season Crop Production Sample Survey

The objectives of the 2005/06 (1998 E.C.) Belg Season Crop Production Sample Survey is to produce basic quantitative information on cropland area, production and yield, of major Belg season crops, as well as to provide quantitative information on:-

- Cropland area, production and yield of major Belg season crops
- The extent and use of different farm management practices on Belg season crops such as fertilized crop land area and quantity of fertilizer used by crop and fertilizer type, irrigated cropland area under improved seed, pesticide treated cropland area ... etc.

Adequate and timely supply of this information to ultimate users is, therefore, important for use as a primary input in the process of policy formulation, designing agricultural developmental projects and programmes. This report, therefore, presents quantitative information on the above mentioned major variables at country and regional levels.

2. SURVEY METHODOLOGY, FIELD ORGANIZATION, METHOD OF DATA COLLECTION AND PROCESSING

2.1 Coverage

The 2005/6 (1998 E.C) Annual Agricultural Sample Survey (Belg Season) covered the entire rural parts of the country except all zones of Gambella Region, and the non-sedentary population of three zones of Afar & six zones of Somali regions. Accordingly the survey took in to account of all parts of Harari, Addis Ababa and Dire Dawa, and 58 additional Zones / Special Weredas (that are treated as zones) of other regions

Initially, a total of 2,024 enumeration areas were selected to be covered by the survey, and the survey was successfully carried out in 2,012 EA's (99.41 %). As regard to the ultimate sampling unit, it was planned to conduct the survey on 60,720 agricultural households and 60,045 (98.89 %) households were actually covered by the Belg season Agricultural Sample Survey. The overall distribution of the number of sampling units (planned and covered) by region is presented in Table 2.1 below.

Table 2.1. Number of Zones / Strata Covered, Planned and Covered Enumeration Areas & Households by region.

Reporting level	Number of Zones Covered	Enumeration Areas		Households	
		Planned	Covered	Planned	Covered
Tigray	5	165	165	4950	4931
Afar	2	48	43	1440	1280
Amhara	10	406	402	12180	12044
Oromia	14	573	573	17190	17073
Somali	3	72	72	2160	2123
Benishangul-Gumuz	3	80	78	2400	2333
SNNP	21	612	611	18360	18233
Harari*	1	24	24	720	717
Addis Ababa*	1	20	20	600	600
Dire Dawa*	1	24	24	720	711
Total	61	2024	2012	60720	60045

* = Values for these regions refer only the number of strata (domain of estimation)

2.2 sampling frame

The list containing EAs of all regions and their respective agricultural households obtained from the 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. 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.

In 2005/06, unlike the years before, in order to obtain a fairly representative number of extension program participant households the CSA categorized listed agricultural households in each EAs in to two strata, i.e. households that are and that are not participants of extension program. The stratification was done on the basis of the six major crops where by the extension program is mostly exercised in the country. The crops are maize, teff, wheat, barley, sorghum and finger millet.

The sample size for the 2005/06 agricultural sample survey (Belg Season) was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors manageability of the survey in terms of quality and operational control was also in addition considered.

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.

2.4 Selection scheme

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. From the fresh list of households prepared at the beginning of the survey 30 agricultural households within each sample EA were selected systematically. Twenty of the households were selected from non extension participant agricultural households while the rest 10 households were selected from extension participant agricultural households. Information on area under crops, total number of holders, agricultural practices, crop damage, and quantity of agricultural inputs used were obtained from the 30 households that were ultimately selected.

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix-I and II, respectively.

2.5 Field Organization

The Central Statistical Agency (CSA) branch statistical office heads, field supervisors and enumerators, other supporting staff and drivers were all involved in the field operation activities of the 2005/06(1998 E.C.) Belg season Crop Production Sample survey. To accomplish the data collection activities, all field enumerators were equipped with the necessary survey equipment (i.e. compass, programmable calculator, measuring tape, sample bags...etc) at the completion of training. To assist with the fieldwork and data collection activities all available four-wheel drive vehicles were used for supervision and collection of completed questionnaires.

2.6 Training of Field Staff

At the begininig of the survey year, the field staff-training program was carried out in two stages. The first stage consisted of trainees from the head office, branch statistical office heads, statisticians and some of the field supervisors have been given training for one week at CSA's headquarters in Addis Ababa. Many of those trained in the first stage conducted similar training for field supervisors and enumerators for 10 days in CSA's 24 branch offices, which are distributed all over the country. During the second stage training, the field staff were given detailed classroom instruction on the objectives and uses of the Agricultural Sample Survey (AgSS) concepts, definitions of terms used,

the method of area measurement, as well as correct interviewing procedures, ... etc. The enumerator's and supervisors' training also included a field practice to reinforce the concepts discussed in the classroom with regard to field measurement and the procedures of using programmable calculator.

2.7 Methods of Data Collection.

Except Cropland area of major Belg Season Crop, the data of which collected objectively using compasses and measuring tape, the information on production of major Belg Season crops and agricultural practices (uses of fertilizer, pesticide, improved seed and irrigation) were subjectively collected by interviewing the holders of sampled households. **Appendix II**, illustrates the total number of EAs and households reporting for the 2005/06 (1998 E.C) Belg crop productions by region.

A major characteristic of Ethiopian agriculture is the existence of two well-known crop production seasons referred to as the Meher (or main) and Belg Seasons. The generally accepted definition of the Meher season is that of the long rainy season, which normally occurs from June to September. The Belg Season most often refers to small but timely rainy season, which normally occurs from February to May but in limited areas of the country. Generally, the Meher Season rainy period provides ideal growing conditions for the longer maturing crops. Planting and harvest of Meher crops can extend to December or January in some areas. Most of the time holders rely on short maturing crops for planting during the Belg rainy period and harvest of the crops is in June or July.

A point of contention arises with respect to the pure definition of the Belg crop. Belg cropping practices are heterogeneous across different portions of the country. The nature of the sowing period also overlaps with some of the Meher Season crops. Consequently, the report on Belg Season crops in the past faced a problem of a clearly defined growing period. It is important not to overlook or miss agricultural practices performed all year round due to use of irrigation or soil moisture from sufficiently dried areas that from time-to-time are swampy or marshy. To help clarify the two-crop season, the following definition has been in use since 1987/88:

Belg Season Crops were defined as any crops that are harvested during the months of March to August, while those crops that are harvested during September to February are considered Meher (or main) season crops.

This report consists of estimates of area under farm management practices of major Belg Season crops for the year 2005/06 (1998 E.C). The data collection period for obtaining the area, production and agricultural practices of the Belg season crops ranged from ‘Ghinbot’ 15-30, 1998 E.C. (i.e. From May 23 to June 7, 2006). Data on area under Belg season crop are collected objectively using compass and measuring tapes, while data on production of belg season crops were using subjective method based on face-to-face interviewing of the holder by the enumerator. Data on production of belg season crops are usually reported in local production measuring units that require conversion to an equivalent metric unit using the conversion factors available for local units at Wereda level prepared by CSA. The conversions factors have been constructed from experimentally derived data using actual holder production data associated with each local unit.

2.8 Data Processing

a. Editing, Coding and Verification

To insure the quality of the collected survey data an editing, coding, and verification instruction manual was written, and seventeen editors, data coders and verifiers were trained for one day to edit, code and verify the data using the aforementioned manual as a reference and teaching aid.

The enumerator completed, edited and coded questionnaires sent to the head office were thoroughly verified by trained verifiers on a 100% basis before the questionnaires were sent to data entry unit. The editing, coding, verification and data entry of all questionnaires was completed in thirty-one days.

b. Data Entry, Cleaning and Tabulation

Before starting data entry computer edit specifications were prepared for use on personal computers utilizing the Integrated Microcomputer Processing System (IMPS) Software for data consistency checking purposes.

The data on the coded questionnaires were then entered into the IMPS software on personal computers. The data was then checked and cleaned using the computer edit specifications prepared earlier for this purpose. Fifty-six data encoders were involved in this total process and it took fourteen days to complete the job. Finally, tabulation was done on personal computers to produce results as indicated in the tabulation plan.

2.9 Basic Concepts and Definitions

For better understanding and ultimate use of the data presented in this report, the definitions of concepts and terminology used for the collection of all types of data of the 2005/06 (1998 E.C.) Belg season Crop Production Sample survey are presented here below:-

Enumeration Area (EA): An Enumeration Area_in rural parts of the Country is a locality that is less than or equal to a farmer's association area and usually it consists of 150-200 households.

Household:- 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 to greater or lesser extent. They may be related unrelated persons, or a combination of both.

Agricultural Household:- 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 holding and takes the major decision 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.

Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without helps, of others, operates land or raises livestock in his own right, i.e. the person who decides on what, when where and how to grow crops or raise livestock and has right to determine the utilization of the products.

Holding:- A holding is all the land and livestock kept which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone, or with others, without regard to title, legal form, size or location.

Parcel:- A parcel of holding is any piece of land entirely surrounded by land, Water, road, forest, ... etc. Which is not part 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 which is a parcel or part of a parcel under the same crop.

Belg Season Crops:- are defined as any crops that are harvested during the months of March (Megabit) to August (Nehase).

Meher Season Crops:- are those crops that are harvested during September (Meskerem) to February (Yekatit) are considered as main (Meher) season crops.

Irrigated area:- refers to the area of land purposely and actually provided with water, other than by rain, for improving the production of crops. The uncontrolled flooding of land by the over flow of rivers or streams is not categorized as irrigation practice although sometimes farmers use this incidence for production.

Improved Seed: is defined as crop variety, which gives significantly higher yield, better quality and/or better benefit compared to traditional varieties of seeds, and usually produced by the Ethiopian Seed Enterprise (ESE) in Ethiopia.

Fertilizer:- refers to anything added to the soil intended to increase the amount of plant nutrients available for crop growth. Usually fertilizers are divided into two parts, Natural and commercial. Examples of natural fertilizers are farmyard manure and wood ashes while commercial fertilizers are DAP (Di-Ammonium phosphate) and UREA (Ammonium Nitrate).

Pesticides: Pesticides are chemicals useful for the mitigation, control or elimination of pests which are trouble some or harmful to crop. Insecticides, herbicides and fungicides are all considered as pesticides.

III. SUMMARY OF THE RESULTS OF THE 2005/06 (1998 E.C.) FARM MANAGEMENT PRACTICES OF BELG SEASON SURVEY

In this part of the report, the results of the 2005/06 (1998 E.C) Belg Season Crop Production Sample Survey on the extent and use of Belg season farm management practices are presented. The following are brief discussions on the major findings of the survey.

Based on the 2005/06 (1998 E.C) Belg Season Crop Production Sample Survey results, it was estimated that Belg season major crops covered 1125.38 thousand hectares of land, where 4.13 million holders were engaged in the production activity. Of this total area under Belg season crops 559.16 thousand hectares (49.69%) was under the use of improved farm management practices in which 3087.00 (74.79%) thousand agricultural holders reported for utilizing different agricultural inputs. Moreover, in 2005/06 (1998 E.C) it was estimated that a total of 118,763 quintals of commercial fertilizer was utilized for Belg season crop production.

Summary Table A: Total Cropland Area and Number of Holders engaged in
2005/06(1998 E.C.) Belg Season Crop Production Activities

• Belg crop Area (^000 ha)	1125.38
• Number of Belg Crop Producing Holders (in million)	4.13
• Improved Farm Management practices (^000 ha)	559.16
• Number of holders reporting the use of farm management practices (in million)	3.09
• Quantity of commercial fertilizer applied (^000 qt.)	118.76

3.1 Total Area under Different Farm Management Practices

As mentioned earlier 2005/06 (1998 E.C) the Belg season crops covered about 1125.38 thousands hectares of land. Of this total, 559.16 hectares (49.69%) was under the use of improved farm management practices. Moreover, of the above mentioned total cropland area under improved farm inputs, 354.06 thousand hectares (63.32%) was under fertilizer (Both Natural and Commercial), 42.53 thousand hectares (7.61%) was under irrigation, 147.75 thousand hectares (26.42%) was treated with pesticides and 14.82 thousand hectares (2.65%) was under improved seeds. The coverage of the above mentioned farm management practices accounted for 31.46%, 3.78%, 13.13% and 1.32% of the total area under Belg season crops, respectively. (See Summary Table B).

Summary Table B. Total Area Under Improved Farm Management Practices For Belg Season Crops of Private Holdings in Ethiopia 2005/06 (1998 E.C.)

TYPE OF FARM MANAGEMENT PRACTICES	TOTAL AREA IN '000HA.	%	% FROM TOTAL BELG CROP AREA
IRRIGATION	42.53	7.61	3.78
IMPROVED SEEDS	14.82	2.45	1.32
FERTILIZER	354.06	63.32	31.46
PESTICIDES	147.75	26.42	13.13
TOTAL	559.16	100.00	49.69

The estimate of total cropland area under different farm management practices for Belg season crops of 2005/06 (1998 E.C) is presented in Summary Table C. As it is indicated in this Summary Table, the highest proportion of cropland area under different farm management practices was reported to be covered by cereals, which accounted for 922.06 thousand hectares (81.93%). Furthermore, about 196.49 thousand hectares (17.46%) was accounted for pulses and the remaining 6.83 thousands hectares (0.61%) was reported as oilseed crops.

Summary Table C. Total Area Under Improved Farm Management Practices for Belg Season Crops of Private Holdings in Ethiopia, 2005/06 (1998 E.C.)

CROP TYPE	TOTAL BELG CROP AREA		CROPLAND AREA UNDER IMP. FARM MANAGEMENT PRAC.	
	'000 HA.	%	'000 HA.	%
CEREALS	922.06	81.93	495.49	88.61
PULSES	196.49	17.46	63.00	11.27
OILSEEDS	6.83	0.61	*	*
TOTAL	1125.38	100.00	559.16	100.00

In all most all Belg producing regions of the country, improved farm inputs were utilized for Belg crop production. As indicated in Summary Table D, the largest area under Belg season crops was reported by Oromia Region, covering 52.61% (592.03 thousand hectares). The second and third were S.N.N.P.R. and Amhara Regions with the coverage of 30.68% (345.31 thousand hectares) and 12.76% (143.56 thousand hectares) , respectively.

Summary Table D. Total Cropland Area under Improved Farm Management Practices for Belg season crops of private Holdings in Ethiopia, 2005/06 (1998 E.C.)

REGION	TOTAL BELG CROP AREA		CROPLAND AREA UNDER FARM MANAGEMENT PRACTICES	
	`000 HA.	%	`000 HA.	%
Tigray	19.39	1.72	6.36	1.14
Afar	2.06	0.18	0.14	0.02
Amhara	143.56	12.76	57.89	10.38
Oromia	592.03	52.61	345.47	61.92
Somalie	20.91	1.86	0.77	0.14
Benshangul-Gumz	1.72	0.15	1.76	0.32
S.N.N.P.R	345.31	30.68	145.18	26.02
Gambela	-	-	-	-
Harari	0.22	0.02	0.14	0.03
Addis Ababa	-	-	-	-
Dire Dawa	0.18	0.02	0.19	0.03
TOTAL	1125.38	100.00	557.90	100.00

3.2 Total Cropland Area under Fertilizer by Type

The results of the survey indicate that Belg season cropland area under both natural and commercial fertilizers were estimated to be 354.06 thousand hectares, covering 31.46% of the total area under Belg seasons crops of the private holdings. Of the total fertilized area 187.85 thousand hectares (53.06%) was reported to be under natural fertilizers. The coverage of commercial fertilizers was estimated to be 166.22 thousand hectares (46.94 %), constituting of 43.16% DAP, 1.63% UREA and 2.16% mixture of the two fertilizers (DAP+UREA). (For details see Summary Table E.)

Summary Table E: Total Cropland Area under Fertilizer by Type of Fertilizer for Private Holdings in Ethiopia, 2005/06 (1998 E.C)

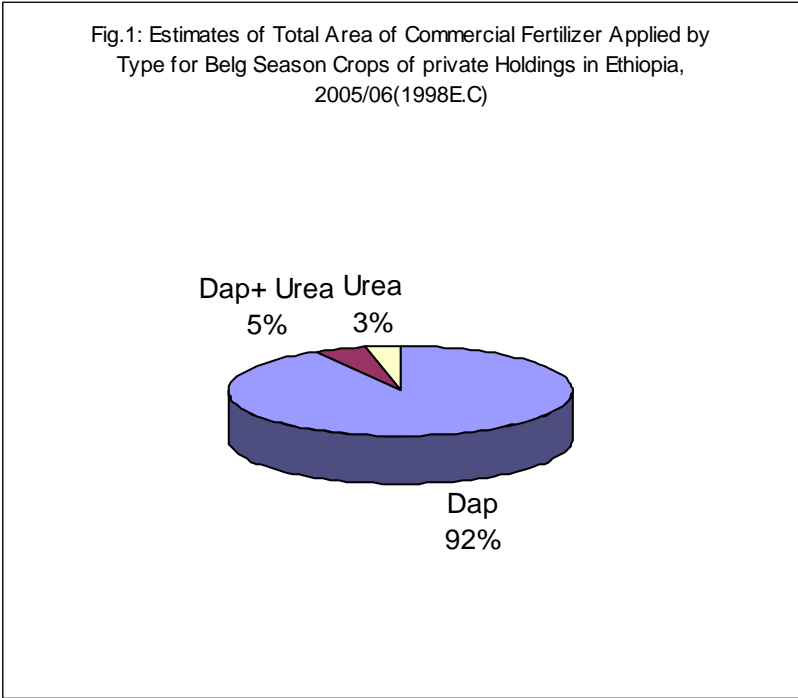
TYPE OF FERTILIZER	FERTILIZER APPLIED AREA IN		PERCENTAGE FROM TOTAL BELG CROP AREA
	000' HA	%	
NATURAL	187.85	36.10	16.69
COMMERCIAL	166.22	31.95	14.77
DAP	152.81	29.37	13.58
UREA	5.77	1.11	0.51
DAP+UREA	7.64	1.47	0.68
TOTAL	520.29	100.00	46.23

3.3.1 Use of Natural Fertilizers

In general, the application of natural fertilizers for Belg season crops in 2005/06 (1998 E.C.), varies from crop to crop. Of the total area under fertilizer, the highest proportion was reported for maize crop, which was estimated at 90.90 thousand hectares (25.67%). The fertilized area (natural fertilizer) under haricot beans was the second and estimated to be 29.37 thousand hectares (8.29%), while area under barley stood third i.e. 28.49 thousand hectares, 8.05% (see Table 2.1).

3.3.2 Use of Commercial Fertilizers

Out of the total land area under commercial fertilizers in 2005/06 (1998 E.C) Belg season, i.e, 166.22 thousand hectare (14.77%)of the total Belg season crop area, the area under DAP was the highest which accounted for 152.81thousand hectare (91.93%), while the mix of the two fertilizers (DAP+UREA) and UREA were covering 7.64 thousand hectare (4.60 %) and 5.77 thousand hectare (3.47 %) of the total commercial fertilizer applied area, respectively (see Fig 1.)



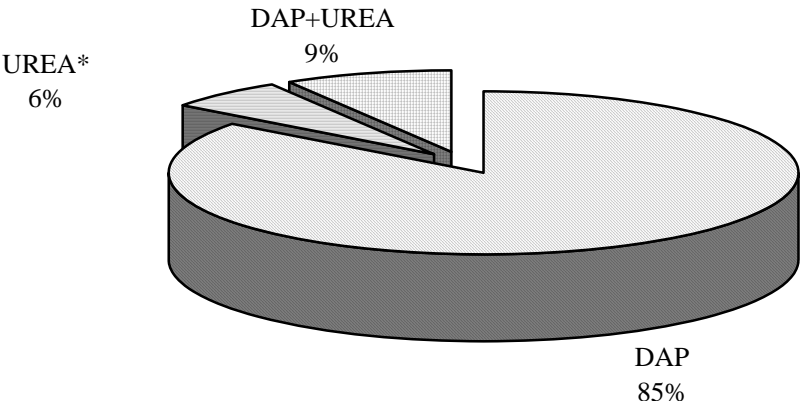
Similarly, the application of commercial fertilizers varied from crop to crop. Of the total area under commercial fertilizers the highest area was reported for barley at 69.66 thousand hectares (41.91%). The second highest area reported under commercial fertilizers was for wheat, i.e., 32.76 thousand hectares (19.71%).

The regional distribution of both natural and commercial fertilizers application varied from region to region. For instance, of the total area under both (Natural + Commercial) fertilizers, the highest was reported for Oromia Region, which accounted for 187,488 hectares (52.95% of the total), S.N.N.P and Amhara Regions were the second and third to report the highest area under both (Natural and Commercial) fertilizers which were estimated to be 119,908 hectares (33.87%) and 42,104 hectares (11.89%), respectively.

3.4 Total Quantity of Commercial Fertilizer Applied by Type

In 2005/06 (1998 E.C.) the total quantity of commercial fertilizer used for Belg season crop production was estimated at 118,763 quintals. Of this total, the share of DAP was the highest accounting for 85.23% (101,223 quintals). The mixture of the two types of fertilizers (DAP+UREA) was the second highest accounting for 8.54% (10,139 quintals). The last was the share of the Urea, which accounted for 6.23% (7401 quintals) (See Fig 2).

Fig. 2. Estimates of total quantity of commercial fertilizer applied by type for Belg season crops of private holdings in Ethiopia, 2005/2006(1998 E.C.)



3.5 Total number of Belg Crop producing Holders Reporting use of Improved Farm Management Practices by Age.

To easily identify the age category of holders who used to practice modern farm management on their holdings, Belg crop producing holders' ages have been categorized into nine groups. These are:

The group categories by age

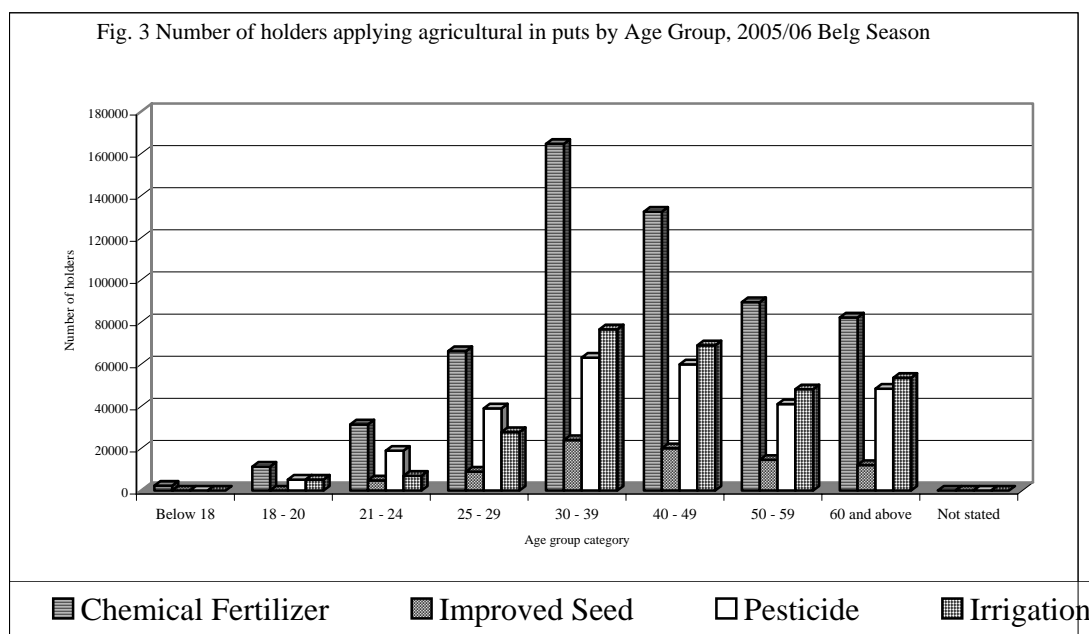
Group 1	-	Under 18 Years
Group 2	-	18-20 Years
Group 3	-	21-24 Years
Group 4	-	25-29 Years
Group 5	-	30-39 Years
Group 6	-	40-49 Years
Group 7	-	50-59 Years
Group 8	-	60 years& above
Group 9	-	not state

Based on the survey results, a total of 4.13 million holders were engaged in the over all Belg season agricultural activities in 2005/06 (1998 E.C) Belg season. As mentioned above, these holders are categorized in to nine age groups based on the age of the holder. Accordingly, the highest number 1,128,391 (27.34%) of holders was estimated to fall in the age group 30-39. The second 888,099(21.52%) and third 695239(16.84%) highest number of holders fall in the age groups 40-49 and 60 and above, respectively. Moreover, it was estimated that a total of 1,005,737 Belg crop-producing holders (about 24.37% of the total) reported the use of improved farm management practices (See summary Table F)

Summary Table F: Total number of Belg Crop Producing holders reporting use of Farm Management Practices by age for Private holdings in Ethiopia, 2005/06 (1998 E.C.)

Age Group Category	Total Number of Holders		Number of holders Reporting use of Farm Management Practices	
	Number	%	Number	%
Under 18	22184	0.54	3785	0.38
18-20	85708	2.08	19329	1.93
21-24	207412	5.03	47642	4.74
25-29	501874	12.16	114818	11.42
30-39	1128391	27.34	272799	27.13
40-49	888099	21.52	229607	22.83
50-59	597273	14.48	154575	15.37
60 & ABOVE	695239	16.85	162895	16.20
NOT STATED	*	*	*	*
TOTAL	4127579	100.00	1005737	100.00

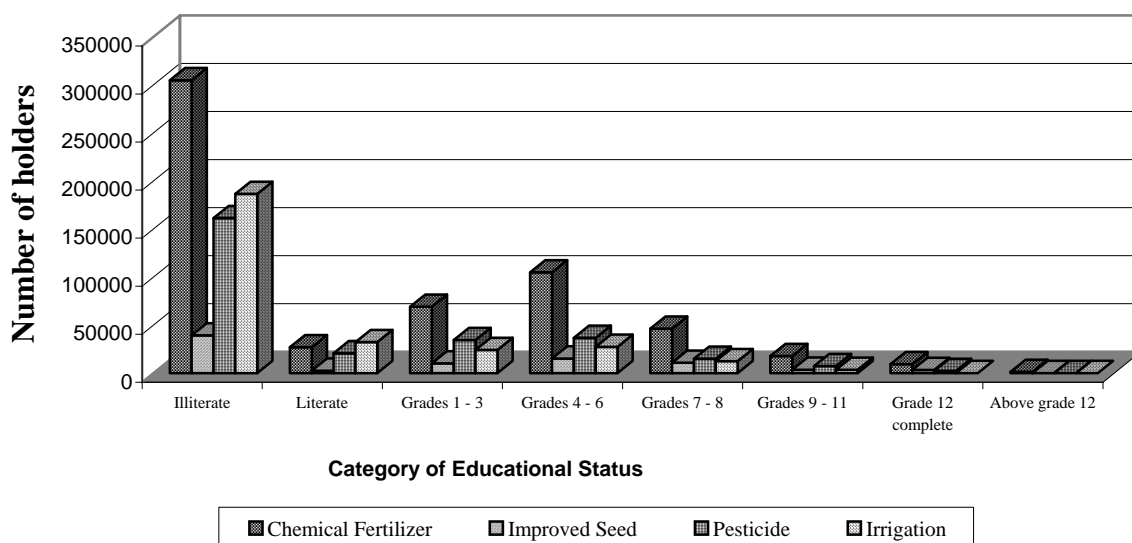
Fig. 3 Number of holders applying agricultural in puts by Age Group, 2005/06 Belg Season



3.4 Total Number of Belg Crop producing Holders reporting use of Improved Farm Management Practices, by Holders' Educational Status.

Holders Educational Status plays important role in the adoption new and improved farming technologies, therefore, in this report an attempt is made to categorize holders reporting use of modern farming practice during the 2005/06 Belg Season Crop Production activities depending up on their educational status. According to the results of the 2005/06 Belg Season Crop Production Sample Survey, out of the total number i.e. 4.13 million holders, the highest number of holders (about 580.30 thousand holders) used chemical fertilizers, followed by use of irrigation scheme (287.54 thousand holders). It was also estimated that illiterate holders were recorded more in all application of agricultural inputs as compared to litrate holders.

Fig 4. Number of Holders Applying Inputs By Educational Status, 2005/06 Belg Season.



3.6 Number of Holders Reporting Damaged Cropland Area by Causes of Damage

The total number of belg crop producing private peasant holders who reported their crops were damaged by different causes of damage during the year 2005/06 Belg Season Crop Production harvest were estimated to be about 1.59 million and the damaged cropland area was estimated to be 141.21 thousand hectares. As indicated in Table 4, the highest cropland area was reported for cereals, that is 114.38 thousand hectares, followed by pulses, which is 25.97 thousand hectares.

With regard to the causes of crop damage, it is reported that 48.72 thousand hectares was damaged due to Hailstone, the second highest crop damage which is estimated at 28.18 thousand hectares was damaged by Weeds. For details, see Table 4.

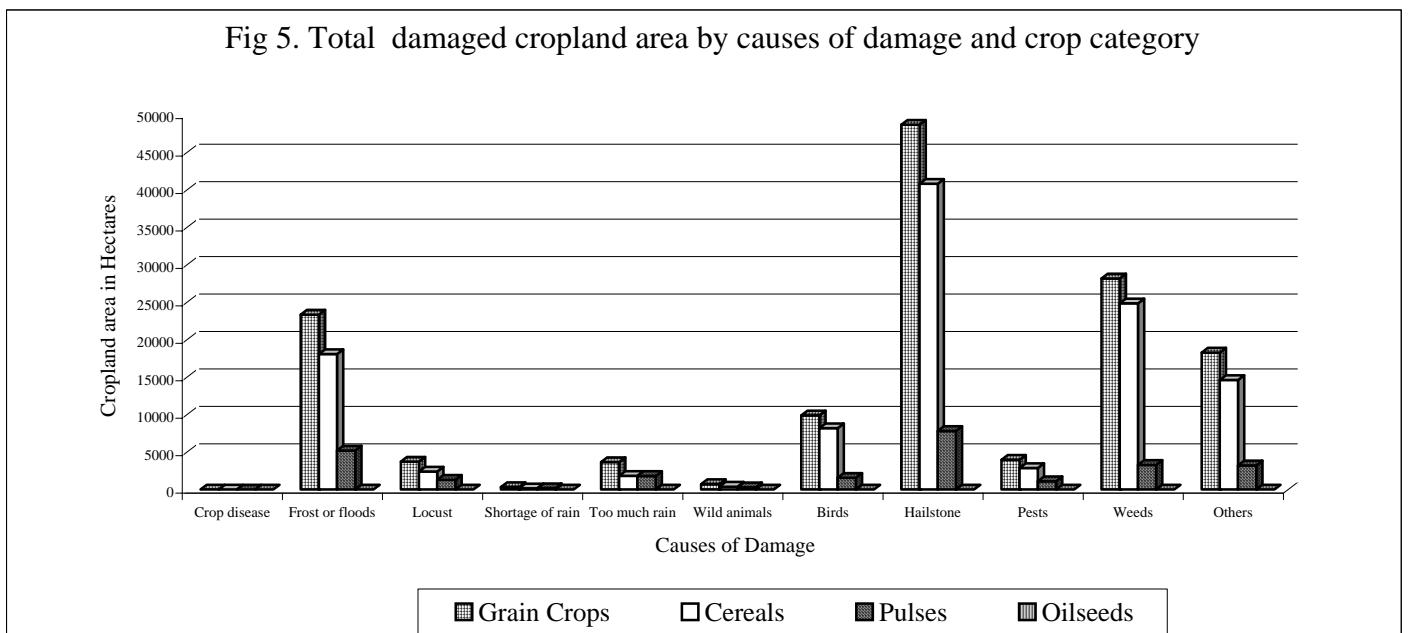


Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used National

Crop type	All crop land Area	All Fertilizer		Natural		DAP		Quintal
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	
All	1125375	354064	118763	1843269	187849	500272	152808	101223
Cereals	922057	297505	94868	1587347	153645	369731	132861	82008
Teff	113066	22044	2701	94927	15200	24572	4766	1924
Barley	210764	99203	41131	232324	28489	163132	68573	39659
Wheat	110646	40020	20745	62380	6920	76051	32761	20478
Maize	423990	120540	28841	1293497	90902	180308	23202	18509
Sorghum	44114	10604 *		54814	10476 *		*	*
Finger milk	1963	616 *		7056	615 -		-	-
Oats/ 'Aja'	17348	4475	1181	18252	1045	22248	3431	1181
Rice	*	*	*	-	-	-	-	-
Pulse	196488	56257	23855	824940	33912	232449	19937	19175
Horse/Fab:	3658	573 *		29500	503	1429 *	*	*
Field peas	19990	2348	157	19733	1449	5673	893	153
Haricot bez	147962	50490	23355	776793	29369	225145	18865	18921
Chick peas	10481	1501 *		13159	1415 -		-	-
Lentiles	11487	1084 *		9199	938 *	*	*	*
Vetch/Gras	1427	183 -		5096	183 -		-	-
Soya bean:	11 *	*	*	*	*	*	*	*
Fenugreek	1448	72 *		5025	53 -		-	-
Gibto	*	*	*	*	*	*	*	*
Oile seeds	6830	303 *		13862	293 *	*	*	*
Nueg	*	*	*	*	*	*	*	*
Linseed	*	*	*	3339 *	*	*	*	*
Ground nut	*	*	*	2223 *	*	*	*	*
Safflower	181	43 -		1978	43 -		-	-
Sesame	312 *	*	*	*	*	*	*	*
Rapeseed	191 *	*	*	6030 *	*	*	*	*

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used Tigray Region

Crop type	All crop land Area	All Fertilizer		Natural		DAP		Quintal
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	
All	19386	3370	755	20218	2825 *	*	*	
Cereals	18725	3195	641	19582	2739 *	*	*	
Teff	13923 *	-	*	*	-	-	-	
Barley	1734	344 *		3741	275 -		-	
Wheat	*	*	*	*	-	-	-	
Maize	2175	1150	563	11786	762 *	*	*	
Sorghum	*	*	*	*	*	*	*	
Finger milk	-	-	-	-	-	-	-	
Oats/ 'Aja'	-	-	-	-	-	-	-	
Rice	-	-	-	-	-	-	-	
Pulse	661 *	*	*	1068 *	*	*	*	
Horse/Fab:	*	*	*	*	*	*	*	
Field peas	*	*	*	*	*	*	*	
Haricot bez	-	-	-	-	-	-	-	
Chick peas	*	*	*	*	*	*	*	
Lentiles	*	*	*	*	*	*	*	
Vetch/Gras	*	*	*	*	*	*	*	
Soya bean:	-	-	-	-	-	-	-	
Fenugreek	*	*	*	*	*	*	*	
Gibto	-	-	-	-	-	-	-	
Oile seeds	-	-	-	-	-	-	-	
Nueg	-	-	-	-	-	-	-	
Linseed	-	-	-	-	-	-	-	
Ground nut	-	-	-	-	-	-	-	
Safflower	-	-	-	-	-	-	-	
Sesame	-	-	-	-	-	-	-	
Rapeseed	-	-	-	-	-	-	-	

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
South Goni Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	*	*	*	*	*	*	*	*
Cereals	*	*	*	*	*	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	*	*
Sorghum	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-
Horse/Fab	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot be	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
North Wold Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	27852	8631 *		64403	8513 -	-	-	-
Cereals	23731	8306 *		63542	8188 -	-	-	-
Teff	8834	3663 *		35247	3545 -	-	-	-
Barley	11609	3145 -		27356	3145 -	-	-	-
Wheat	719	562 -		10210	562 -	-	-	-
Maize	*	576 -		11120	576 -	-	-	-
Sorghum	*	-		*	*	-	-	-
Finger mill	*	-		*	*	-	-	-
Oats/ 'Aja'	706 *	-		*	*	-	-	-
Rice	-	-		-	-	-	-	-
Pulse	3973	316 -		5923	316 -	-	-	-
Horse/Fab	-	-		-	-	-	-	-
Field peas	*	-		*	*	-	-	-
Haricot be	*	-		*	*	-	-	-
Chick peas	2584 *	-		*	*	-	-	-
Lentiles	342 *	-		*	*	-	-	-
Vetch/Gras	*	-		*	*	-	-	-
Soya bean	-	-		-	-	-	-	-
Fenugreek	*	-		*	*	-	-	-
Gibto	-	-		-	-	-	-	-
Oile seeds	*	-		*	*	-	-	-
Nueg	-	-		-	-	-	-	-
Linseed	*	-		*	*	-	-	-
Ground nul	-	-		-	-	-	-	-
Safflower	-	-		-	-	-	-	-
Sesame	-	-		-	-	-	-	-
Rapeseed	*	-		*	*	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
South WolcZone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	35368	8953	-	62164	8953	-	-	-
Cereals	29109	7529	-	58378	7529	-	-	-
Teff	5777 *	-	-	23258 *	-	-	-	-
Barley	20672	3931	-	34142	3931	-	-	-
Wheat	1063 *	-	-	*	*	-	-	-
Maize	836 *	-	-	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-
Oats/ 'Aja'	762 *	-	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	6249	1419	-	14508	1419	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-
Field peas *	*	-	-	*	*	-	-	-
Haricot bez *	*	-	-	*	*	-	-	-
Chick peas	1384 *	-	-	7274 *	-	-	-	-
Lentiles	3162	388	-	4714	388	-	-	-
Vetch/Gras	553	179	-	*	179	-	-	-
Soya bean-	-	-	-	-	-	-	-	-
Fenugreek *	*	-	-	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds *	*	-	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed *	*	-	-	*	*	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
North Shewa(Amhara) Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	66852	17542 *	-	59452	15908 *	*	*	*
Cereals	44327	16266 *	-	55335	14740 *	*	*	*
Teff	10674 *	*	-	15579 *	-	-	-	-
Barley	23703	8339 *	-	32209	8268 *	*	*	*
Wheat	7055 *	*	-	13219 *	*	*	*	*
Maize	*	700 *	-	8696	510	-	-	-
Sorghum	*	-	-	*	*	-	-	-
Finger mill	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	22227	1247 *	-	12450	1140	-	-	-
Horse/Fab: *	*	-	-	*	*	-	-	-
Field peas	887 *	*	-	*	*	-	-	-
Haricot bez *	*	*	-	7632 *	-	-	-	-
Chick peas	3324	212 *	-	1428 *	-	-	-	-
Lentiles	2176 *	*	-	*	*	-	-	-
Vetch/Gras *	*	-	-	*	*	-	-	-
Soya bean-	-	-	-	-	-	-	-	-
Fenugreek *	*	-	-	*	*	-	-	-
Gibto	*	-	-	-	-	-	-	-
Oile seeds *	*	-	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed *	*	-	-	*	*	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed *	*	-	-	*	*	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
East Gojan Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	*	*	-	*	*	-	-	-
Cereals	*	*	-	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	*	*	-	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-
Finger milke	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	-	-	-	-	-	-	-
Horse/Fab:	*	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot bez:	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
West Gojar Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	4014	*	*	*	*	*	*	268
Cereals	4013	*	*	*	*	*	*	268
Teff	-	-	-	-	-	-	-	-
Barley	*	*	*	-	-	*	*	*
Wheat	*	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	*	*
Sorghum	-	-	-	-	-	-	-	-
Finger milke	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot bez:	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	*	*	-	*	*	*	*	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Waghamer Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-
Finger milke	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Agewawie Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	3222	2876 *		24096	1987 *	*	*	*
Cereals	3222	2875 *		24096	1987 *	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	*	*	*	*	*	*	*	*
Wheat	*	*	*	*	*	-	-	-
Maize	2884	2589 *		22913	1748 *	*	*	*
Sorghum	-	-	-	-	-	-	-	-
Finger milke	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds *	*	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-
Safflower *	*	-	*	*	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed *	*	-	*	*	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
West Wele Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	24598 *		*	35217 *		-	-	-
Cereals	20182 *		*	*	*	-	-	-
Teff	*		-	*	*	-	-	-
Barley	1663 *		-	2071 *		-	-	-
Wheat	-		-	-	-	-	-	-
Maize	18511 *		*	*	*	-	-	-
Sorghum	-		-	-	-	-	-	-
Finger mill	-		-	-	-	-	-	-
Oats/ 'Aja'	-		-	-	-	-	-	-
Rice	-		-	-	-	-	-	-
Pulse	4416	813 *		30344	688	-	-	-
Horse/Fab:	738 *		*	*	*	-	-	-
Field peas	-		-	-	-	-	-	-
Haricot bez	3678	761 *		28057	646	-	-	-
Chick peas	-		-	-	-	-	-	-
Lentiles	-		-	-	-	-	-	-
Vetch/Gras	-		-	-	-	-	-	-
Soya bean	-		-	-	-	-	-	-
Fenugreek	-		-	-	-	-	-	-
Gibto	-		-	-	-	-	-	-
Oile seeds	-		-	-	-	-	-	-
Nueg	-		-	-	-	-	-	-
Linseed	-		-	-	-	-	-	-
Ground nul	-		-	-	-	-	-	-
Safflower	-		-	-	-	-	-	-
Sesame	-		-	-	-	-	-	-
Rapeseed	-		-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
East Wele Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	5050	393 *		3557	285 *	*	*	*
Cereals	5044	393 *		3557	285 *	*	*	*
Teff	-		-	-	-	-	-	-
Barley	*	*	*	*	*	*	*	*
Wheat	-		-	-	-	-	-	-
Maize	4833	288 *		2618	232 *	*	*	*
Sorghum	-		-	-	-	-	-	-
Finger mill	-		-	-	-	-	-	-
Oats/ 'Aja'	-		-	-	-	-	-	-
Rice	-		-	-	-	-	-	-
Pulse	*		-	-	-	-	-	-
Horse/Fab:	-		-	-	-	-	-	-
Field peas	-		-	-	-	-	-	-
Haricot bez	*		-	-	-	-	-	-
Chick peas	-		-	-	-	-	-	-
Lentiles	-		-	-	-	-	-	-
Vetch/Gras	-		-	-	-	-	-	-
Soya bean	-		-	-	-	-	-	-
Fenugreek	-		-	-	-	-	-	-
Gibto	-		-	-	-	-	-	-
Oile seeds	-		-	-	-	-	-	-
Nueg	-		-	-	-	-	-	-
Linseed	-		-	-	-	-	-	-
Ground nul	-		-	-	-	-	-	-
Safflower	-		-	-	-	-	-	-
Sesame	-		-	-	-	-	-	-
Rapeseed	-		-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
East Shewa Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	13575	4908	2341 *	*	*	11726 *	*	*
Cereals	8980	3540	1858 *	*	*	*	*	*
Teff *	*	*	*	*	*	*	*	*
Barley *	*	*	*	-	-	*	*	*
Wheat -	-	-	-	-	-	-	-	-
Maize	6636 *	*	*	*	*	*	*	*
Sorghum -	-	-	-	-	-	-	-	-
Finger millt -	-	-	-	-	-	-	-	-
Oats/ 'Aja' -	-	-	-	-	-	-	-	-
Rice -	-	-	-	-	-	-	-	-
Pulse	4551	1358	482 *	*	*	5709	797	397
Horse/Fabz -	-	-	-	-	-	-	-	-
Field peas -	-	-	-	-	-	-	-	-
Haricot bez	4148	1188	482 *	*	*	5709	797	397
Chick peas*	-	-	-	-	-	-	-	-
Lentiles *	*	*	*	*	*	-	-	-
Vetch/Gras *	-	-	-	-	-	-	-	-
Soya bean-	-	-	-	-	-	-	-	-
Fenugreek -	-	-	-	-	-	-	-	-
Gibto -	-	-	-	-	-	-	-	-
Oile seeds *	*	*	*	*	*	-	-	-
Nueg -	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower -	-	-	-	-	-	-	-	-
Sesame *	*	*	*	*	*	-	-	-
Rapeseed -	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Arsi Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	102596	65525	38145	82465	12062	111226	50407	31689
Cereals	85237	63236	37956	75830	10649	109016	49531	31500
Teff *	*	*	*	*	*	*	*	*
Barley	51999	45534	27137	33339	4405	89986	40948	27037
Wheat	14173	9333	3851	15981	2202	33769	7059	3839
Maize	12507	7353 *	*	38798	3612	6351	1119	401
Sorghum *	-	-	-	-	-	-	-	-
Finger millt -	-	-	-	-	-	-	-	-
Oats/ 'Aja'	931	469 *	*	3749	246 *	*	*	*
Rice *	-	-	-	-	-	-	-	-
Pulse	17251	2230	189	19396	1354	6760	876	189
Horse/Fabz	131	65 *	*	2999	54 *	*	*	*
Field peas	11446	1640 *	*	5920	880	5008 *	*	*
Haricot bez	2648	343 *	*	11288	302 *	*	*	*
Chick peas*	-	-	-	-	-	-	-	-
Lentiles *	*	*	*	*	*	*	*	*
Vetch/Gras *	-	-	-	-	-	-	-	-
Soya bean-	-	-	-	-	-	-	-	-
Fenugreek *	-	-	-	-	-	-	-	-
Gibto -	-	-	-	-	-	-	-	-
Oile seeds *	*	*	*	*	*	-	-	-
Nueg -	-	-	-	-	-	-	-	-
Linseed *	-	-	-	-	-	-	-	-
Ground nul-	-	-	-	-	-	-	-	-
Safflower -	-	-	-	-	-	-	-	-
Sesame -	-	-	-	-	-	-	-	-
Rapeseed *	*	*	*	*	*	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Bale Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	247038	66651	30826	25994	8321	63758	57907	30270
Cereals	231736	66065	30783	24675	7910	63758	57733	30227
Teff	36394	4706 *		*	*	*	*	*
Barley	56000	26462	11537	4384 *		52650	25426	11455
Wheat	73426	27307 *		4418 *		41361	25558 *	
Maize	43275	3532 *		15906	3067	1423 *		*
Sorghum	9209 *	-		*	*	-	-	-
Finger mill	-	-		-	-	-	-	-
Oats/ 'Aja'	13432	3208	1056	-	-	19396	3208	1056
Rice	-	-		-	-	-	-	-
Pulse	10693	586 *		*	*	*	*	*
Horse/Fab:	436 *	-		*	*	-	-	-
Field peas	5188 *	*		*	*	*	*	*
Haricot bez *	*	-		*	*	-	-	-
Chick peas *	-	-		-	-	-	-	-
Lentiles	2195 *	*		-	-	*	*	*
Vetch/Gras *	-	-		-	-	-	-	-
Soya bean:	-	-		-	-	-	-	-
Fenugreek *	-	-		-	-	-	-	-
Gibto	-	-		-	-	-	-	-
Oile seeds *	-	-		-	-	-	-	-
Nueg *	-	-		-	-	-	-	-
Linseed *	-	-		-	-	-	-	-
Ground nul *	-	-		-	-	-	-	-
Safflower	-	-		-	-	-	-	-
Sesame *	-	-		-	-	-	-	-
Rapeseed *	-	-		-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Borena Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	66550 *	*		22700 *	*	*	*	*
Cereals	51168 *	*		18818 *	*	*	*	*
Teff	8325 *	*		*	*	*	*	*
Barley	1678 *	-		*	-	-	-	-
Wheat	4463 *	-		*	-	-	-	-
Maize	31372	2464 *		17959	2433 *	*	*	*
Sorghum *	*	-		*	*	-	-	-
Finger mill	-	-		-	-	-	-	-
Oats/ 'Aja'	-	-		-	-	-	-	-
Rice	-	-		-	-	-	-	-
Pulse	15351	985 *		14769 *	*	*	*	*
Horse/Fab: *	*	-		*	-	-	-	-
Field peas *	*	-		*	-	-	-	-
Haricot bez	15072	981 *		14324 *	*	*	*	*
Chick peas	83	-		-	-	-	-	-
Lentiles *	-	-		-	-	-	-	-
Vetch/Gras	-	-		-	-	-	-	-
Soya bean: *	-	-		-	-	-	-	-
Fenugreek	-	-		-	-	-	-	-
Gibto	-	-		-	-	-	-	-
Oile seeds *	*	-		*	*	-	-	-
Nueg	-	-		-	-	-	-	-
Linseed *	*	-		*	*	-	-	-
Ground nul	-	-		-	-	-	-	-
Safflower *	*	-		*	*	-	-	-
Sesame	-	-		-	-	-	-	-
Rapeseed	-	-		-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
South Wes Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	1479 *		*	*	*	-	-	-
Cereals	697 *		-	*	*	-	-	-
Teff	-		-	-	-	-	-	-
Barley	*		-	*	*	-	-	-
Wheat	-		-	-	-	-	-	-
Maize	*		-	*	*	-	-	-
Sorghum	-		-	-	-	-	-	-
Finger mill	-		-	-	-	-	-	-
Oats/ 'Aja'	-		-	-	-	-	-	-
Rice	-		-	-	-	-	-	-
Pulse	*		*	*	*	-	-	-
Horse/Fab:	-		-	-	-	-	-	-
Field peas	-		-	-	-	-	-	-
Haricot bez*	*		*	*	*	-	-	-
Chick peas	-		-	-	-	-	-	-
Lentiles	*		-	-	-	-	-	-
Vetch/Gras	-		-	-	-	-	-	-
Soya bean	-		-	-	-	-	-	-
Fenugreek	-		-	-	-	-	-	-
Gibto	-		-	-	-	-	-	-
Oile seeds *	*		-	*	*	-	-	-
Nueg	-		-	-	-	-	-	-
Linseed	-		-	-	-	-	-	-
Ground nul	-		-	-	-	-	-	-
Safflower	-		-	-	-	-	-	-
Sesame	-		-	-	-	-	-	-
Rapeseed *	*		-	*	*	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Guji Zone

Crop type	All crop land Area	All Fertilizer		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	22284	151	-	6990	151	-	-	-
Cereals	21400 *		-	5492 *		-	-	-
Teff	*		-	-	-	-	-	-
Barley	1008		-	-	-	-	-	-
Wheat	*		-	-	-	-	-	-
Maize	12393 *		-	5492 *		-	-	-
Sorghum	-		-	-	-	-	-	-
Finger mill	-		-	-	-	-	-	-
Oats/ 'Aja'	*		-	-	-	-	-	-
Rice	-		-	-	-	-	-	-
Pulse	*	8	-	1677	8	-	-	-
Horse/Fab:	*		-	*	*	-	-	-
Field peas	-		-	-	-	-	-	-
Haricot bez*	*		-	1269 *		-	-	-
Chick peas	-		-	-	-	-	-	-
Lentiles	-		-	-	-	-	-	-
Vetch/Gras	-		-	-	-	-	-	-
Soya bean	-		-	-	-	-	-	-
Fenugreek *	-		-	-	-	-	-	-
Gibto	-		-	-	-	-	-	-
Oile seeds *	-		-	-	-	-	-	-
Nueg	-		-	-	-	-	-	-
Linseed	*		-	-	-	-	-	-
Ground nul	-		-	-	-	-	-	-
Safflower	*		-	-	-	-	-	-
Sesame	-		-	-	-	-	-	-
Rapeseed	-		-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Shaka Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	7148	430	334	405 *	*	*		280
Cereals	6434	423	317	405 *	*	*		267
Teff *	-	-	-	-	-	-	-	-
Barley *	-	-	-	-	-	-	-	-
Wheat *	-	-	-	-	-	-	-	-
Maize	6289	423	317	405 *	*	*		267
Sorghum -	-	-	-	-	-	-	-	-
Finger millt *	-	-	-	-	-	-	-	-
Oats/ 'Aja' -	-	-	-	-	-	-	-	-
Rice -	-	-	-	-	-	-	-	-
Pulse	713 *	*	*	*	*	*	*	*
Horse/Fab: *	*	-	*	*	-	-	-	-
Field peas -	-	-	-	-	-	-	-	-
Haricot bez	654 *	*	*	*	*	*	*	*
Chick peas -	-	-	-	-	-	-	-	-
Lentiles -	-	-	-	-	-	-	-	-
Vetch/Gras -	-	-	-	-	-	-	-	-
Soya bean -	-	-	-	-	-	-	-	-
Fenugreek -	-	-	-	-	-	-	-	-
Gibto -	-	-	-	-	-	-	-	-
Oile seeds *	-	-	-	-	-	-	-	-
Nueg -	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	-	-	-
Ground nul -	-	-	-	-	-	-	-	-
Safflower *	-	-	-	-	-	-	-	-
Sesame -	-	-	-	-	-	-	-	-
Rapeseed *	-	-	-	-	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Kaffa Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	33191	3107 *		11249	1826 *	*	*	*
Cereals	25671	2841 *		8841	1723 *	*	*	*
Teff	600 *	-	*	*	-	-	-	-
Barley	6635 *	-	*	*	*	*	*	*
Wheat -	-	-	-	-	-	-	-	-
Maize	18409	2773 *		8546	1687 *	*	*	*
Sorghum *	-	-	-	-	-	-	-	-
Finger millt -	-	-	-	-	-	-	-	-
Oats/ 'Aja' *	-	-	-	-	-	-	-	-
Rice -	-	-	-	-	-	-	-	-
Pulse	7461 *	*		2872	93 *	*	*	*
Horse/Fab: *	902 *	-	*	*	-	-	-	-
Field peas *	-	-	-	-	-	-	-	-
Haricot bez	6550 *	*		2740	93 *	*	*	*
Chick peas -	-	-	-	-	-	-	-	-
Lentiles -	-	-	-	-	-	-	-	-
Vetch/Gras -	-	-	-	-	-	-	-	-
Soya bean -	-	-	-	-	-	-	-	-
Fenugreek *	-	-	-	-	-	-	-	-
Gibto -	-	-	-	-	-	-	-	-
Oile seeds *	*	-	*	*	-	-	-	-
Nueg -	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	-	-	-
Ground nul -	-	-	-	-	-	-	-	-
Safflower -	-	-	-	-	-	-	-	-
Sesame -	-	-	-	-	-	-	-	-
Rapeseed *	*	-	*	*	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Gamo Gofz Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	69545	20591 *		120228	19790 *	*	*	
Cereals	58514	17400 *		117782	16654 *	*	*	
Teff *	*	-		*	-	-	-	
Barley	4109	2775 *		35794	2717 *	*	*	
Wheat *	*	-		*	-	-	-	
Maize	49991	13066 *		90963	12378 *	*	*	
Sorghum *	*	-		10549 *	-	-	-	
Finger millt *	*	-		*	-	-	-	
Oats/ 'Aja' *	*	-		*	-	-	-	
Rice *	-	-		-	-	-	-	
Pulse	10003	3095 *		65353	3040 *	*	*	
Horse/Fab:	343	196 -		9146	196 -	-	-	
Field peas *		82 -		3254	82 -	-	-	
Haricot bez	8502	2815 *		60767	2759 *	*	*	
Chick peas*	-	-		-	-	-	-	
Lentiles *	-	-		-	-	-	-	
Vetch/Gras -	-	-		-	-	-	-	
Soya bean:*	*	-		*	-	-	-	
Fenugreek *	*	-		*	-	-	-	
Gibto *	-	-		-	-	-	-	
Oile seeds *	*	-		2542 *	-	-	-	
Nueg -	-	-		-	-	-	-	
Linseed *	*	-		*	-	-	-	
Ground nul*	*	-		*	-	-	-	
Safflower *	*	-		*	-	-	-	
Sesame *	-	-		-	-	-	-	
Rapeseed *	*	-		*	-	-	-	

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Bench-Maji Zone

Crop type	All Fertilizer			Natural		DAP		
	All crop land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	20580	1341 *		14367	1141	980 *	*	
Cereals	16838	1120 *		12354	970 *	*	*	
Teff	59 *	-		*	*	-	-	
Barley *	*	-		*	*	-	-	
Wheat -	-	-		-	-	-	-	
Maize	16539	1107 *		12141	956 *	*	*	
Sorghum *	-	-		-	-	-	-	
Finger millt -	-	-		-	-	-	-	
Oats/ 'Aja' -	-	-		-	-	-	-	
Rice -	-	-		-	-	-	-	
Pulse	3728	212 *		6463	163 *	*	*	
Horse/Fab:	180 *	-		*	-	-	-	
Field peas *	-	-		-	-	-	-	
Haricot bez	3543	212 *		6463	163 *	*	*	
Chick peas -	-	-		-	-	-	-	
Lentiles -	-	-		-	-	-	-	
Vetch/Gras -	-	-		-	-	-	-	
Soya bean -	-	-		-	-	-	-	
Fenugreek -	-	-		-	-	-	-	
Gibto -	-	-		-	-	-	-	
Oile seeds *	*	-		*	*	-	-	
Nueg -	-	-		-	-	-	-	
Linseed -	-	-		-	-	-	-	
Ground nul -	-	-		-	-	-	-	
Safflower -	-	-		-	-	-	-	
Sesame -	-	-		-	-	-	-	
Rapeseed *	*	-		*	*	-	-	

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Yem Special Wereda Zone

Crop type	All Fertilizer			Natural		DAP		
	land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	967	397	28	7962	324	415	58	22
Cereals	815	297	27	7280	225	415 *		21
Teff	-	-	-	-	-	-	-	-
Barley	619	138	25	784	67	415 *		*
Wheat	*	*	-	*	*	-	-	-
Maize	193	158 *		6809	157 *	*		*
Sorghum	3 *	-		*	*	-	-	-
Finger mill	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	151	100 *		4279	99 *	*		*
Horse/Fab:	4	3 -		243	3 -	-	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot bez	147	97 *		4186	96 *	*		*
Chick peas	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-
Fenugreek	*	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	*	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	-	*	*	-	-	-	-

Table 1: Number of Holders,Inputs Applied Area and Quantity of Inputs used
Amaro Special Wereda Zone

Crop type	All Fertilizer			Natural		DAP		
	land Area	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	6722	104 *		1984	89 *	*		*
Cereals	5627	76 *		1458	62 *	*		*
Teff	*	*	*	-	-	*	*	*
Barley	468 *	-	*	*	-	-	-	-
Wheat	107 *	-	*	*	-	-	-	-
Maize	2491	61 *		1402	57 -	-	-	-
Sorghum	*	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	1083	28 *		1157	27 -	-	-	-
Horse/Fab:	102	6 -		417	6 -	-	-	-
Field peas	162 *	-	*	*	*	-	-	-
Haricot bez	771	19 *		778	17 -	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentiles	13 -	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-
Soya bean	*	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oile seeds	*	-	-	-	-	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-

Table 1(Cont'd)
East Tigray Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	10241	829	1482
Cereals	*	*	*	*	*	*	9856	798	1427
Teff	-	-	-	-	-	-	-	-	-
Barley	*	*	*	*	*	*	7159	532	1160
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	-	-	-	3934	266	268
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	*	*	*
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
South Tigray Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	46219	17638	8938
Cereals	*	*	*	*	*	*	44711	17235	8556
Teff	-	-	-	-	-	-	25034	13826	5441
Barley	-	-	-	-	-	-	7674	*	*
Wheat	-	-	-	-	-	-	*	*	*
Maize	*	*	*	*	*	*	16129	1314	906
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	2659	403	383
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	1295	*	*
Lentiles	-	-	-	-	-	-	*	*	*
Vetch/Gras	-	-	-	-	-	-	*	*	*
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Western Ti Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	*	*	*
Cereals	-	-	-	-	-	-	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger milk	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Afar Region

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	4228	2062	472
Cereals	-	-	-	-	-	-	3992	1468	322
Teff	-	-	-	-	-	-	2887	781	191
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger milk	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	1467	593	150
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	981	331	55
Chick peas	-	-	-	-	-	-	968	262	96
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Zone 1 Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Zone 3 Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	4228	2062	472
Cereals	-	-	-	-	-	-	3992	1468	322
Teff	-	-	-	-	-	-	2887	781	191
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	1467	593	150
Horse/Fab	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	981	331	55
Chick peas	-	-	-	-	-	-	968	262	96
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Amhara Region

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	526448	143337	119587
Cereals	*	*	*	*	*	*	473022	108747	104569
Teff	*	*	*	*	*	*	152452	26945	6876
Barley	*	*	*	*	*	*	227911	58274	78618
Wheat	*	*	*	-	-	-	65495	8782	13088
Maize	*	*	*	*	*	*	137121	13161	4123
Sorghum	-	-	-	-	-	-	*	*	*
Finger mill	-	-	-	-	-	-	*	*	*
Oats/ 'Aja'	-	-	-	-	-	-	20239	1468	1842
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	162104	34125	14933
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	*	*	*	-	-	-	19790	1172	1202
Haricot bez	*	*	*	-	-	-	56220 *	-	3267
Chick peas	*	*	*	-	-	-	59640	8513	4401
Lentiles	*	*	*	-	-	-	52659	5680	4346
Vetch/Gras	-	-	-	-	-	-	18187 *	-	*
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	11775	502	304
Gibto	-	-	-	-	-	-	*	*	-
Oile seeds	-	-	-	-	-	-	15690	464 *	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	13664 *	-	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
North Gonc Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	*	*	*
Cereals	-	-	-	-	-	-	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
South Gonc Zone

UREA UREA + DAP Indigenous seed

Crop type	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	159001	35319	32239
Cereals	-	-	-	-	-	-	139992	29059	27415
Teff	-	-	-	-	-	-	44055	5772	1138
Barley	-	-	-	-	-	-	89876	20672	23593
Wheat	-	-	-	-	-	-	13760	1018	1419
Maize	-	-	-	-	-	-	13145	836 *	
Sorghum	-	-	-	-	-	-	-	-	-
Finger milk	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	10832	762	943
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	54059	6249	4821
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	14909	1384	815
Lentiles	-	-	-	-	-	-	28192	3162	2781
Vetch/Gras	-	-	-	-	-	-	13605	553	479
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	3659 *	*	
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
North Shewa(Amhara) Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	144343	66719	58197
Cereals	*	*	*	*	*	*	117337	44193	51122
Teff	*	*	*	*	*	*	41276	10648	3275
Barley	*	*	*	-	-	-	67108	23698	36248
Wheat	*	*	*	-	-	-	38252	6952 *	
Maize	*	*	*	-	-	-	25908 *	*	
Sorghum	-	-	-	-	-	-	*	*	-
Finger milk	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	72747	22227	7045
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	*	*	*	-	-	-	12074	887	953
Haricot bez*	*	*	*	-	-	-	40109 *		2741
Chick peas*	*	*	*	-	-	-	24074	3324	2006
Lentiles	*	*	*	-	-	-	19049	2176	1263
Vetch/Gras	-	-	-	-	-	-	*	*	*
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	2635 *	*	
Gibto	-	-	-	-	-	-	*	*	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
East Gojan Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal

All	-	-	-	-	-	-	*	*	*
Cereals	-	-	-	-	-	-	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger milkt	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	*	*	*
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
Haricot be:	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
West Gojar Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	27506	4014 *	
Cereals	-	-	-	*	*	*	27506	4013 *	
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	*	*	*
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	*	*	*	21878 *		531
Sorghum	-	-	-	-	-	-	-	-	-
Finger milkt	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot be:	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
Waghmer Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal

All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Agewawie Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	35138	3222	775
Cereals	-	-	-	-	-	-	35138	3222	775
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	33799	2884	498
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	-

Table 1(Cont'd)
Oromia Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	12692	3582	1333

Cereals	-	-	-	-	-	-	10228	2267	752
Teff	-	-	-	-	-	-	7350	1691	583
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	4883	*	*
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	4524	1310	581
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot be:	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	4163	1221	564
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Oromia Region

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	19494	3342	*	13589	2885	4970	1841509	589794	648345
Cereals	13872	2913	*	10057	2486	*	1542421	503051	598577
Teff	-	-	-	*	*	*	149429	53425	26294
Barley	*	*	*	*	*	*	475174	134815	273793
Wheat	*	*	*	-	-	-	251305	99352	182875
Maize	5776	*	*	*	*	*	1062152	183828	88670
Sorghum	-	-	-	-	-	-	51506	15507	2887
Finger millet	-	-	-	-	-	-	*	*	*
Oats/ 'Aja'	-	-	-	-	-	-	91373	15858	23669
Rice	*	*	*	-	-	-	*	*	*
Pulse	6830	*	*	5447	399	*	849699	81829	47768
Horse/Fab:	-	-	-	*	*	*	35872	1357	1199
Field peas	-	-	-	-	-	-	98879	17048	18473
Haricot be:	6830	*	*	5203	389	*	722478	55760	23260
Chick peas	-	-	-	-	-	-	10159	1086	*
Lentiles	-	-	-	-	-	-	42119	5633	2784
Vetch/Gras	-	-	-	-	-	-	3355	123	*
Soya bean:	-	-	-	-	-	-	*	*	*
Fenugreek	-	-	-	-	-	-	7528	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	21292	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	11550	*	*
Ground nut	-	-	-	-	-	-	*	*	*
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
West Wele Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	200127	24574	*
Cereals	*	*	*	*	*	*	159870	20165	*

Barley	-	-	-	-	-	-	8002	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	75387	10304	4888
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	-	-	-	-	44174	1196	257
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	*	*	-	-	-	-	43989	1185	255
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
Jimma Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	-	-	-	339376	39433	24660
Cereals	*	*	*	-	-	-	282644	29495	21357
Teff	-	-	-	-	-	-	*	*	*
Barley	*	*	*	-	-	-	35068	4536	6766
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	-	-	-	-	259264	24453	14387
Sorghum	-	-	-	-	-	-	*	*	*
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	197866	9930	3302
Horse/Fab:	-	-	-	-	-	-	1341	*	*
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	*	*	*	-	-	-	197548	9912	3297
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
West ShewZone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	8048	887	*
Cereals	-	-	-	*	*	*	7609	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	*	*

Maize	*	*	*	*	*	*	28836	5834	2171
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	38492	4551	2922
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez:	-	-	-	*	*	*	34212	4148	1759
Chick peas	-	-	-	-	-	-	*	*	*
Lentiles	-	-	-	-	-	-	*	*	*
Vetch/Gras	-	-	-	-	-	-	*	*	*
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Arsi Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	3565	*	*	*	*	*	256575	102231	170534
Cereals	3565	*	*	*	*	*	239776	84874	154627
Teff	-	-	-	*	*	*	*	*	*
Barley	*	*	*	-	-	-	145297	51999	110454
Wheat	*	*	*	-	-	-	79259	14173	31240
Maize	*	*	*	*	*	*	79472	12144	7013
Sorghum	-	-	-	-	-	-	*	*	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	12197	931	*
Rice	-	-	-	-	-	-	*	*	*
Pulse	-	-	-	-	-	-	98010	17250	15857
Horse/Fab:	-	-	-	-	-	-	5572	131	150
Field peas	-	-	-	-	-	-	66709	11446	12173
Haricot bez:	-	-	-	-	-	-	40882	2646	1780
Chick peas	-	-	-	-	-	-	*	*	*
Lentiles	-	-	-	-	-	-	21767	*	1715
Vetch/Gras	-	-	-	-	-	-	*	*	*
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
West Hara Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	-	-	-	185032	28941	21356
Cereals	*	*	*	-	-	-	143109	20864	17919
Teff	-	-	-	-	-	-	*	*	*
Barley	-	-	-	-	-	-	32004	4814	9451
Wheat	-	-	-	-	-	-	*	*	*
Maize	*	*	*	-	-	-	117603	14565	6990

Sorghum	-	-	-	-	-	-	4189	*	*
Finger mill	-	-	-	-	-	-	*	*	*
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	102387	7991	3424
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez*	*	*	-	-	-	-	102072	7955	3403
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	*	*	*
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nul	-	-	-	-	-	-	*	*	*
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
East Hareri Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	5241	267	616	2269	119	223	169969	17161	9083
Cereals	2252	*	*	*	*	*	89036	8921	7017
Teff	-	-	-	-	-	-	-	-	-
Barley	*	*	*	-	-	-	35290	2830	4665
Wheat	-	-	-	-	-	-	*	378	*
Maize	*	*	*	*	*	*	51070	*	1508
Sorghum	-	-	-	-	-	-	6862	*	*
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	*	*	*	-	-	-	*	*	*
Pulse	*	113	*	1959	67	160	118875	8219	2061
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez*	-	113	*	1959	67	160	118554	8206	2028
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	*	*	*
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
Bale Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	-	-	-	255599	246536	322864
Cereals	*	*	*	-	-	-	251677	231234	312747
Teff	-	-	-	-	-	-	94959	36394	16806
Barley	*	*	*	-	-	-	136184	55830	121191
Wheat	*	*	*	-	-	-	124205	73257	140358
Maize	*	*	*	-	-	-	110129	43220	12724
Sorghum	-	-	-	-	-	-	25126	9101	1407

Pulse	-	-	-	-	-	-	*	*	*
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)

Liben Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	12146	5885	1077
Cereals	-	-	-	-	-	-	11781	5528	978
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	-	*
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	11668	5388	940
Sorghum	-	-	-	-	-	-	*	*	10
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	3687	314	89
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	3687	314	88
Chick peas	-	-	-	-	-	-	*	-	*
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Benshangu Region

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	-	-	-	13824	1724	477
Cereals	*	*	*	-	-	-	6217	453	228
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	-	-	-	6217	453	228
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	12875	1271	249

Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	12875	1271	249
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Kemeshi Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	*	*	*
Cereals	-	-	-	-	-	-	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
(S.N.N.P.R Region)

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	6407	664	424	36572	3909	4090	1623540	333326	137960
Cereals	4622	465	259	27307	2753	2298	1412727	254768	101781
Teff	840	199	84	1778 *	*	*	62780	17954	7125
Barley	*	*	*	6175	566	337	145829	15625	14988
Wheat	*	*	*	-	-	-	11588	988	794
Maize	3679	261	173	20354	2065	1889	1323137	190615	71578
Sorghum	-	-	-	-	-	-	106752	27736	6865
Finger mill	-	-	-	-	-	-	17437	1810	393
Oats/ 'Aja'	-	-	-	-	-	-	1129 *	*	*
Rice	-	-	-	-	-	-	*	*	*
Pulse	3272	199	164	18859	1156	1793	1046911	77150	35859
Horse/Fab:*	*	*	*	*	*	*	50615	2037	1179
Field peas	-	-	-	-	-	-	29404	1723	908

Haricot bez	3272	199	164	18842	1155	1789	1021275	73019	33674
Chick peas -	-	-	-	-	-	-	2007	191	45
Lentiles -	-	-	-	-	-	-	1990	114	27
Vetch/Gras -	-	-	-	-	-	*	*	-	-
Soya bean:-	-	-	-	-	-	-	744	11 *	-
Fenugreek -	-	-	-	-	-	-	4650	28 *	-
Gibto -	-	-	-	-	-	*	*	*	-
Oile seeds -	-	-	-	-	-	-	21826	1408	320
Nueg -	-	-	-	-	-	*	*	*	-
Linseed -	-	-	-	-	-	-	2306	39	11
Ground nut -	-	-	-	-	-	-	8649 *	-	273
Safflower -	-	-	-	-	-	-	6062	153	19
Sesame -	-	-	-	-	-	-	1936 *	*	-
Rapeseed -	-	-	-	-	-	-	2998 *	*	-

Table 1(Cont'd)

Gurage Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	73255	2103	641
Cereals	-	-	-	-	-	-	68374	1741	554
Teff	-	-	-	-	-	-	*	*	*
Barley	-	-	-	-	-	-	*	*	-
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	66968	1576	497
Sorghum	-	-	-	-	-	-	-	-	-
Finger milk -	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	21446	362	87
Horse/Fab:-	-	-	-	-	-	-	*	*	*
Field peas -	-	-	-	-	-	-	-	-	-
Haricot bez -	-	-	-	-	-	-	20047	351	86
Chick peas -	-	-	-	-	-	-	-	-	-
Lentiles -	-	-	-	-	-	-	-	-	-
Vetch/Gras -	-	-	-	-	-	-	-	-	-
Soya bean:-	-	-	-	-	-	-	-	-	-
Fenugreek -	-	-	-	-	-	-	*	*	-
Gibto -	-	-	-	-	-	-	-	-	-
Oile seeds -	-	-	-	-	-	-	-	-	-
Nueg -	-	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	-	-	-	-
Ground nut -	-	-	-	-	-	-	-	-	-
Safflower -	-	-	-	-	-	-	-	-	-
Sesame -	-	-	-	-	-	-	-	-	-
Rapeseed -	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Hadiya Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	11475	1466 *	-	163103	18613	10237
Cereals	*	*	*	7443	1011	668	150221	10239	4796
Teff	*	*	*	*	*	*	*	*	*
Barley	-	-	-	*	*	*	9303 *	-	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	4179 *	*	*	148160	9308	3678
Sorghum	-	-	-	-	-	-	*	*	-
Finger milk -	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	6519	454 *	-	97949	8374 *	*
Horse/Fab:-	-	-	-	-	-	-	*	*	*
Field peas -	-	-	-	-	-	-	-	-	-
Haricot bez *	*	*	*	6519	454 *	-	97773	8373 *	*

Chick peas -	-	-	-	-	-	-	-	-	-
Lentiles -	-	-	-	-	-	-	-	-	-
Vetch/Gras -	-	-	-	-	-	-	-	-	-
Soya bean -	-	-	-	-	-	-	-	-	-
Fenugreek -	-	-	-	-	-	-	-	-	-
Gibto -	-	-	-	-	-	-	-	-	-
Oile seeds -	-	-	-	-	-	-	-	-	-
Nueg -	-	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	-	-	-	-
Ground nul -	-	-	-	-	-	-	-	-	-
Safflower -	-	-	-	-	-	-	-	-	-
Sesame -	-	-	-	-	-	-	-	-	-
Rapeseed -	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Kembata Tembaro Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1030	43 *		8439	674	639	92888	10494	4888
Cereals	924	40 *		6274	548	393	86867	6086	3173
Teff *	*	*		-	-	-	*	*	*
Barley *	*	*		3584	295	195	9106	661	903
Wheat -	-	-		-	-	-	-	-	-
Maize	649	25 *		3518	253	199	84301	5380	2257
Sorghum -	-	-		-	-	-	*	*	*
Finger millt -	-	-		-	-	-	-	-	-
Oats/ 'Aja' -	-	-		-	-	-	-	-	-
Rice -	-	-		-	-	-	-	-	-
Pulse *	*	*		4361	126	246	68506	4407	1715
Horse/Fab: -	-	-		-	-	-	-	-	-
Field peas -	-	-		-	-	-	-	-	-
Haricot bez *	*	*		4361	126	246	68506	4403	1711
Chick peas -	-	-		-	-	-	-	-	-
Lentiles -	-	-		-	-	-	-	-	-
Vetch/Gras -	-	-		-	-	-	-	-	-
Soya bean -	-	-		-	-	-	*	*	*
Fenugreek -	-	-		-	-	-	*	*	*
Gibto -	-	-		-	-	-	*	*	*
Oile seeds -	-	-		-	-	-	*	*	*
Nueg -	-	-		-	-	-	*	*	*
Linseed -	-	-		-	-	-	-	-	-
Ground nul -	-	-		-	-	-	-	-	-
Safflower -	-	-		-	-	-	-	-	-
Sesame -	-	-		-	-	-	-	-	-
Rapeseed -	-	-		-	-	-	-	-	-

Table 1(Cont'd)
Sidama Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2306 *	*		9746 *	*		260039	17999	7634
Cereals	1500 *	*		8578 *	*		215812	13725	5314
Teff -	-	-		-	-		*	*	*
Barley -	-	-		-	-		*	*	*
Wheat -	-	-		-	-		-	-	-
Maize	1500 *	*		8578 *	*		215812	13622	5252
Sorghum -	-	-		-	-		-	-	-
Finger millt -	-	-		-	-		-	-	-
Oats/ 'Aja' -	-	-		-	-		-	-	-
Rice -	-	-		-	-		-	-	-
Pulse	1545 *	*		*	*		156747	4271	2320
Horse/Fab: -	-	-		-	-		*	*	*
Field peas -	-	-		-	-		*	*	*
Haricot bez	1545 *	*		*	*		154810	4257	2309
Chick peas -	-	-		-	-		-	-	-

Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	*	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	*	*	*	*

Table 1(Cont'd)

Kaffa Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	112200	32108	21129
Cereals	*	*	*	*	*	*	89050	24588	17974
Teff	-	-	-	-	-	-	6248	600	479
Barley	-	-	-	-	-	-	27033	6635	7588
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	68225	17326	9905
Sorghum	-	-	-	-	-	-	702	*	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	74627	7461	3152
Horse/Fab:	-	-	-	-	-	-	9516	902	582
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez*	*	*	*	-	-	-	69480	6550	2568
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)

Gamo Gofz Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	205989	68267	22646
Cereals	-	-	-	-	-	-	201622	57243	17375
Teff	-	-	-	-	-	-	*	*	*
Barley	-	-	-	-	-	-	56950	4109	2106
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	168194	48720	14261
Sorghum	-	-	-	-	-	-	25915	*	*
Finger mill	-	-	-	-	-	-	*	*	*
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	*	*	*
Pulse	-	-	-	-	-	-	124940	9996	5016
Horse/Fab:	-	-	-	-	-	-	15583	343	129
Field peas	-	-	-	-	-	-	13390	*	*
Haricot bez	-	-	-	-	-	-	118969	8495	4279
Chick peas	-	-	-	-	-	-	*	*	*
Lentiles	-	-	-	-	-	-	*	*	*
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	*	*	*

Fenugreek -	-	-	-	-	-	*	*	*
Gibto -	-	-	-	-	-	*	*	*
Oile seeds -	-	-	-	-	-		9657 *	*
Nueg -	-	-	-	-	-	-	-	-
Linseed -	-	-	-	-	-	*	*	*
Ground nut -	-	-	-	-	-		7040 *	*
Safflower -	-	-	-	-	-	*	*	*
Sesame -	-	-	-	-	-	*	*	*
Rapeseed -	-	-	-	-	-	*	*	*

Table 1(Cont'd)
Bench-Maji Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	83757	20104	9883
Cereals	-	-	-	*	*	*	73967	16374	8464
Teff	-	-	-	-	-	-	1171	59	60
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	*	*	*	73364	16075	8202
Sorghum	-	-	-	-	-	-	*	*	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	50443	3715	1415
Horse/Fab:	-	-	-	-	-	-	2452	180	130
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez:	-	-	-	-	-	-	49056	3530	1284
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
Yem Special Wereda Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	10598	967	1046
Cereals	-	-	-	*	*	*	9916	815	987
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	4795	619	895
Wheat	-	-	-	-	-	-	*	*	*
Maize	-	-	-	-	-	-	7714	193	91
Sorghum	-	-	-	-	-	-	113	3 *	
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	5704	151	59
Horse/Fab:	-	-	-	-	-	-	313	4	2
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez:	-	-	-	-	-	-	5588	147	57
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	-

Oile seeds	-	-	-	-	-	198	4	1
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	99	2 *	
Ground nut	-	-	-	-	-	*	*	*
Safflower	-	-	-	-	-	95	2 *	
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Konso Special Wereda Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	35109	26596	8582
Cereals	-	-	-	-	-	-	35109	22879	7208
Teff	-	-	-	-	-	-	8142	3938	1363
Barley	-	-	-	-	-	-	3945	265	133
Wheat	-	-	-	-	-	-	1103	78	29
Maize	-	-	-	-	-	-	30443	7593	2532
Sorghum	-	-	-	-	-	-	32561	10174	2962
Finger milk	-	-	-	-	-	-	7967	830	190
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	28244	3671	1371
Horse/Fab:	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
Haricot bez:	-	-	-	-	-	-	28126	3576	1341
Chick peas	-	-	-	-	-	-	*	*	7
Lentiles	-	-	-	-	-	-	*	26	5
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	*	*	*
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	1570	46	3
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nut	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
Derashe Special Wereda Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	-	-	-	-	23613	17081	4139
Cereals	*	*	-	-	-	-	23577	14506	3494
Teff	*	*	-	-	-	-	8639	2938	891
Barley	-	-	-	-	-	-	3694	249	115
Wheat	-	-	-	-	-	-	689	31 *	
Maize	-	-	-	-	-	-	22647	7220	1696
Sorghum	-	-	-	-	-	-	10756	4068	771
Finger milk	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	20455	2560	643
Horse/Fab:	-	-	-	-	-	-	4260	191	55
Field peas	-	-	-	-	-	-	1706	108	40
Haricot bez:	-	-	-	-	-	-	20008	2196	536
Chick peas	-	-	-	-	-	-	421	48	7
Lentiles	-	-	-	-	-	-	273	17	4
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean:	-	-	-	-	-	-	*	*	*
Fenugreek	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	481	15	2

Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	200	*	*
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)

Dawro Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	46531	7826	3934
Cereals	-	-	-	-	-	-	40632	6980	3634
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	1897	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	39188	6676	3380
Sorghum	-	-	-	-	-	-	*	*	-
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	19845	845	300
Horse/Fab	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	19845	845	300
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	*	*	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	*	*	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	*	*	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)

Basketo Special Wereda Zone

Crop type	UREA			UREA + DAP			Indigenous seed		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	467	114	225	10456	2937	881
Cereals	*	*	*	467	103	166	10438	2343	725
Teff	-	-	-	-	-	-	318	49	17
Barley	-	-	-	-	-	-	1188	227	177
Wheat	-	-	-	-	-	-	*	*	*
Maize	*	*	*	467	103	166	10419	1997	519
Sorghum	-	-	-	-	-	-	953	58	7
Finger mill	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	174	11	59	9807	580	154
Horse/Fab	-	-	-	*	*	*	927	15	5
Field peas	-	-	-	-	-	-	1501	57	30
Haricot bez	*	*	*	157	10	*	9630	508	118
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	892	14	2
Nueg	-	-	-	-	-	-	*	*	*

Table 1(Cont'd)
South Goni Zone

Crop type	Improved seed			Pesticide		Irrigation		Extension package	
	Holder	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	-	-	-	*	*	-	-
Cereals	*	*	-	-	-	*	*	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	-	-	-	*	*	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot bez	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-	-	-	-
Vetch/Gras	-	-	-	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-

Table 1(Cont'd)
North Wolc Zone

Crop type	Improved seed			Pesticide		Irrigation		Extension package	
	Holder	Hectare	Quintal	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	-	-	-	*	*	23427	*	*	*
Cereals	-	-	-	*	*	22994	2534	*	*
Teff	-	-	-	*	*	*	*	*	*
Barley	-	-	-	-	-	5890	467	-	-
Wheat	-	-	-	-	-	*	*	-	-
Maize	-	-	-	*	*	15797	*	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	*	*	-	-
Oats/ 'Aja'	-	-	-	-	-	*	*	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	*	*	-	-
Horse/Fab:	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	*	*	-	-
Haricot bez	-	-	-	-	-	*	*	-	-
Chick peas	-	-	-	-	-	*	*	-	-
Lentiles	-	-	-	-	-	*	*	-	-
Vetch/Gras	-	-	-	-	-	*	*	-	-
Soya bean	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	*	*	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	*	*	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	*	*	-	-
Ground nul	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	*	*	-	-

Table 2. Holders Applying Inputs by Educational Status
National

Educationa All	Status of H	Crop Holde	Fertilizer	Improved S	Pesticide	Irrigation
Illiterate	2700516	304832	39212	161384	186490	
Literate	237945	26901	2541	20688	32214	
Grades 1 -	455826	69092	10140	34397	24107	
Grades 4 -	469867	104836	15202	36673	27329	
Grades 7 -	168724	46281	10746	14890	12470	
Grade 9 -	62185	17787	3511	7327	3382	
Grade 12 c	26190	9317	3299	2267 *		
Above grac	6327	1252 *	*		-	
Total	4127579	580296	84979	277644	287538	

Table 2. Holders Applying Inputs by Educational Status
Tigray Region

Educationa All	Status of H	Crop Holde	Fertilizer	Improved S	Pesticide	Irrigation
Illiterate	43572	3510 *		1727	17229	
Literate	10372 *	*		*	5815	
Grades 1 -	4134 *	*		*	2752	
Grades 4 -	3547 *	*		-	2309	
Grades 7 - *	*	-		*	*	
Grades 9 - *	-	-		*	*	
Grade 12 c *	-	*		-	*	
Above grac -	-	-		-	-	
Total	63624	6845	1595 *		28888	

Table 2. Holders Applying Inputs by Educational Status
North West Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	-	-	-	-
Literate	-	-	-	-
Grades 1 -	-	-	-	-
Grades 4 -	-	-	-	-
Grades 7 -	-	-	-	-
Grades 9 -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Central Tig Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	*	*	-	*
Literate	*	*	-	*
Grades 1 -	*	*	-	*
Grades 4 -	*	*	-	*
Grades 7 -	-	-	-	-
Grades 9 -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	6343	1804 *	*	6343

Table 2. Holders Applying Inputs by Educational Status
East Tigray Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	6581 *	*	-	2226
Literate	2699 *	-	-	2219
Grades 1 -	*	-	-	*
Grades 4 -	487 *	*	-	*
Grades 7 -	-	-	-	*
Grades 9 -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	10523 *	*	-	5308

Table 2. Holders Applying Inputs by Educational Status
South Tigré Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	32277 *	*	*	10289
Literate	7312 *	*	*	3236
Grades 1 -	2838 *	*	*	1719
Grades 4 -	2400 *	-	-	1278
Grades 7 - *	*	-	*	*
Grades 9 - *	-	-	*	*
Grade 12 c *	-	*	-	*
Above grac -	-	-	-	-
Total	46692 *	*	*	17171

Table 2. Holders Applying Inputs by Educational Status
Western Ti Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate *	-	-	-	*
Literate -	-	-	-	-
Grades 1 - -	-	-	-	-
Grades 4 - -	-	-	-	-
Grades 7 - -	-	-	-	-
Grades 9 - -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total *	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
Afar Region

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	3959 *	-	*	*
Literate *	-	-	-	-
Grades 1 - *	-	-	-	-
Grades 4 - *	-	-	-	*
Grades 7 - -	-	-	-	-
Grades 9 - -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	4228 *	-	*	*

Table 2. Holders Applying Inputs by Educational Status

Zone 1	Zone	Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
		Illiterate	-	-	-	-	-
		Literate	-	-	-	-	-
		Grades 1 -	-	-	-	-	-
		Grades 4 -	-	-	-	-	-
		Grades 7 -	-	-	-	-	-
		Grades 9 -	-	-	-	-	-
		Grade 12 c -	-	-	-	-	-
		Above grac -	-	-	-	-	-
		Total	-	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status

Zone 3	Zone	Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
		Illiterate	3959 *	-	*	*	*
		Literate *	-	-	-	-	-
		Grades 1 - *	-	-	-	-	-
		Grades 4 - *	-	-	-	-	*
		Grades 7 -	-	-	-	-	-
		Grades 9 -	-	-	-	-	-
		Grade 12 c -	-	-	-	-	-
		Above grac -	-	-	-	-	-
		Total	4228 *	-	*	*	*

Table 2. Holders Applying Inputs by Educational Status

Amhara	Region	Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
		Illiterate	386005	13081	2074	6911	80480
		Literate	68472	4673 *	*		16478
		Grades 1 -	29265 *	-	*		5678
		Grades 4 -	30762	2719 -	*		6854
		Grades 7 -	8783 *	-	*		*
		Grades 9 -	3093 *	-	*		*
		Grade 12 c *	*	-	*		-
		Above grac -	-	-	-		-
		Total	526730	24708	2428	10182	111226

Table 2. Holders Applying Inputs by Educational Status
North Gonc Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate *	-	-	-	-	-	*
Literate *	-	-	-	-	-	*
Grades 1 - *	-	-	-	-	-	-
Grades 4 - *	-	-	-	-	-	-
Grades 7 - -	-	-	-	-	-	-
Grades 9 - -	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total *	-	-	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
South Gonc Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate *	*	*	*	-	-	*
Literate *	*	*	*	-	-	-
Grades 1 - -	-	-	-	-	-	-
Grades 4 - *	-	-	-	-	-	-
Grades 7 - -	-	-	-	-	-	-
Grades 9 - -	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total *	*	*	*	-	-	*

Table 2. Holders Applying Inputs by Educational Status
North Wolc Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate	88017	-	-	*	*	17645
Literate	21892	*	-	*	*	3337
Grades 1 -	4417	-	-	-	-	*
Grades 4 -	7709	*	-	-	-	*
Grades 7 - *	-	-	-	-	-	*
Grades 9 - *	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total	122910	*	-	*	*	23427

Table 2. Holders Applying Inputs by Educational Status
South Wolk Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	117936 -	*	*	22412
Literate	17627 -	*	*	4196
Grades 1 -	10332 -	-	*	*
Grades 4 -	8114 -	-	-	*
Grades 7 -	3597 -	-	-	*
Grades 9 -	1396 -	-	-	*
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	159001 -	*	*	31858

Table 2. Holders Applying Inputs by Educational Status
North Shewa(Amhara) Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	104077 *	*	*	9378
Literate	13829 *	-	*	*
Grades 1 -	10655 -	-	-	*
Grades 4 -	10398 *	-	*	*
Grades 7 - *	*	-	*	-
Grades 9 - *	*	-	*	-
Grade 12 c *	*	-	*	-
Above grac -	-	-	-	-
Total	144343 *	*	*	12124

Table 2. Holders Applying Inputs by Educational Status
East Gojan Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	6239 -	-	-	*
Literate *	-	-	-	*
Grades 1 - -	-	-	-	-
Grades 4 - *	-	-	-	*
Grades 7 - -	-	-	-	-
Grades 9 - -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total *	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
West Gojar Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	21823 *	-	-	-	-	*
Literate	4350	1588	-	-	-	*
Grades 1 - *	*	-	-	-	-	*
Grades 4 - *	*	-	-	-	-	*
Grades 7 - -	-	-	-	-	-	-
Grades 9 - -	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total	27506	6225	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
Waghmer Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	-	-	-	-	-	-
Literate	-	-	-	-	-	-
Grades 1 - -	-	-	-	-	-	-
Grades 4 - -	-	-	-	-	-	-
Grades 7 - -	-	-	-	-	-	-
Grades 9 - -	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total	-	-	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Agewawie Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	23459 *	-	-	*	-	14919
Literate	6154 *	-	-	-	-	4903
Grades 1 - *	*	-	-	-	-	*
Grades 4 -	2552	887	-	-	-	*
Grades 7 - *	*	-	-	-	-	*
Grades 9 - *	*	-	-	-	-	*
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total	35138 *	-	-	*	-	23400

Table 2. Holders Applying Inputs by Educational Status
Oromia Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	11510	-	*	*	*	
Literate *	-	-	-	-	*	
Grades 1 - *	-	-	-	-	-	
Grades 4 - *	-	-	-	-	-	
Grades 7 - -	-	-	-	-	-	
Grades 9 - -	-	-	-	-	-	
Grade 12 c -	-	-	-	-	-	
Above grac -	-	-	-	-	-	
Total	12692	-	*	*	*	

Table 2. Holders Applying Inputs by Educational Status
Oromia Region

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	1203097	147977	7071	140768	69083	
Literate	116780	15084 *		18901	8329	
Grades 1 -	222394	28937 *		31298	13667	
Grades 4 -	195651	41891	1871	33745	12882	
Grades 7 -	66923	13723	1945	12883	9603	
Grades 9 -	28175	7012 *		6525	2153	
Grade 12 c	8590	1930 -		1813 *		
Above grac	2950 *	-	-	-		
Total	1844559	256790	12910	245932	116616	

Table 2. Holders Applying Inputs by Educational Status
West Wele Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	110907 *	*		2663	17052	
Literate	4676 -	-	-	*		
Grades 1 -	40755 *	-	*		6851	
Grades 4 -	21075 -	-	*		4909	
Grades 7 -	13591 -	-	*		4312	
Grades 9 -	6593 -	-	*		*	
Grade 12 c	1742 -	-	-		-	
Above grac *	-	-	-		-	
Total	200127 *	*		4663	35155	

Table 2. Holders Applying Inputs by Educational Status
East Weleç Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	25329 *		*	-		11086
Literate *	-		-	-		-
Grades 1 -	4662 -		-	-		1461
Grades 4 -	7178 -		-	-		*
Grades 7 -	4088 *		-	-		*
Grades 9 -	1750 -		-	-		-
Grade 12 c	1393 *		-	-		*
Above grac *	-		-	-		-
Total	44796 *		*	-		16465

Table 2. Holders Applying Inputs by Educational Status
Illibabor Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	51029 -		-	*		*
Literate	4106 *		-	-		*
Grades 1 -	17722 -		-	-		-
Grades 4 -	18847 -		-	*		*
Grades 7 -	5823 -		-	-		-
Grades 9 -	2248 -		-	*		-
Grade 12 c *	-		-	-		-
Above grac -	-		-	-		-
Total	100290 *		-	*		907

Table 2. Holders Applying Inputs by Educational Status
Jimma Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	249840	12085 *		*		*
Literate	22484 *	-		*		*
Grades 1 -	37633	1352 *		*		*
Grades 4 -	22943 *	-		-		-
Grades 7 -	4927 *	-		*		*
Grades 9 - *	-	-		-		-
Grade 12 c *	-	-		-		-
Above grac *	-	-		-		-
Total	339376	15751 *		*		*

Table 2. Holders Applying Inputs by Educational Status
West Shew Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	5692 *	-	-	-	*	*
Literate *	*	-	-	*	*	*
Grades 1 - *	-	-	-	*	*	*
Grades 4 - *	-	-	-	-	*	*
Grades 7 - -	-	-	-	-	-	-
Grades 9 - -	-	-	-	-	-	-
Grade 12 c -	-	-	-	-	-	-
Above grac -	-	-	-	-	-	-
Total	8048 *	-	-	*	*	*

Table 2. Holders Applying Inputs by Educational Status
North Shev Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	33362 -	-	-	*	*	*
Literate *	-	-	-	-	-	-
Grades 1 - *	-	-	-	*	*	*
Grades 4 - *	-	-	-	-	*	*
Grades 7 - *	-	-	-	-	*	*
Grades 9 - -	-	-	-	-	-	-
Grade 12 c *	-	-	-	-	-	-
Above grac *	-	-	-	-	-	-
Total	40121 -	-	-	*	*	*

Table 2. Holders Applying Inputs by Educational Status
East Shewa Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	35045	5451 *	*	*	*	*
Literate	3029 *	-	*	*	*	*
Grades 1 -	6866 *	-	*	*	-	-
Grades 4 -	8504	4351 *	*	*	*	*
Grades 7 -	2546 *	*	*	*	-	-
Grades 9 -	1706 *	*	*	*	-	-
Grade 12 c *	-	-	-	-	-	-
Above grac *	-	-	-	-	-	-
Total	58273	14891 *	*	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Arsi Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	147300	67193 *	49302	5047
Literate	19689	8768 -	8236 *	
Grades 1 -	27300	11997 -	9700 *	
Grades 4 -	41060	22512 -	16045 *	
Grades 7 -	12225	5052 *	4908 *	
Grade 9 -	6870	3572 -	2042 *	
Grade 12 c	2883 *	-	*	*
Above grac -	-	-	-	-
Total	257328	119802 *	91300	9014

Table 2. Holders Applying Inputs by Educational Status
West Harer Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	127364	10414 *	*	14663
Literate	20467 *	-	-	2670
Grades 1 -	15974 *	-	-	*
Grades 4 -	15303	2481 *	-	*
Grades 7 -	4673 *	-	-	*
Grades 9 - *	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac *	*	-	-	-
Total	185272	14365 *	*	19523

Table 2. Holders Applying Inputs by Educational Status
East Harer Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	125109	16738 *	*	10724
Literate	9716 *	*	-	*
Grades 1 -	16496	2027 *	*	*
Grades 4 -	15434	2028 *	-	2064
Grades 7 -	3277 *	-	-	*
Grades 9 - *	-	-	-	*
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	170607	22023	2529	1234 16278

Table 2. Holders Applying Inputs by Educational Status
Bale Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	158711	32602 *			62255 *
Literate	24792	2790 -			7889 *
Grades 1 -	31796	10176 *			17538 *
Grades 4 -	24738	9267 *			14180 *
Grades 7 -	9772	5936 *			6270 *
Grades 9 -	4767 *	-	*		-
Grade 12 c *	*	-	*		-
Above grac -	-	-	-		-
Total	255599	64471 *			112227 *

Table 2. Holders Applying Inputs by Educational Status
Borena Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	92352 *	*	*	*	*
Literate	1525 -	-	-	-	-
Grades 1 -	8697 *	-	*		-
Grades 4 -	7839 *	-	*		-
Grades 7 -	2043 *	-	*		-
Grades 9 -	1055 -	-	-		-
Grade 12 c *	-	-	-		-
Above grac *	-	-	-		-
Total	114069 *	*			7856 *

Table 2. Holders Applying Inputs by Educational Status
South Wes Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	8098 *	*	-		-
Literate *	-	-	-		-
Grades 1 - *	-	-	-		*
Grades 4 -	2560 -	-	-		*
Grades 7 - *	-	-	-		-
Grades 9 - *	-	-	-		*
Grade 12 c *	-	-	-		-
Above grac *	-	-	-		-
Total	15755 *	*	-		*

Table 2. Holders Applying Inputs by Educational Status
Guji Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	32960 -	*	*	-
Literate	1398 -	-	-	-
Grades 1 -	10125 -	-	*	*
Grades 4 -	7973 -	-	*	-
Grades 7 -	1962 -	-	-	-
Grades 9 - *	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	54898 -	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Somale Region

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	27409 *	*	*	3213
Literate	4933 -	*	-	124
Grades 1 -	729 -	-	-	*
Grades 4 -	943 -	*	-	*
Grades 7 - *	-	-	-	*
Grades 9 - *	-	-	-	*
Grade 12 c *	-	*	-	-
Above grac -	-	-	-	-
Total	34310 *	*	*	3834

Table 2. Holders Applying Inputs by Educational Status
Shinele Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	914 *	-	-	807
Literate	62 -	-	-	37
Grades 1 -	59 -	-	-	49
Grades 4 -	59 -	-	-	59
Grades 7 - *	-	-	-	*
Grades 9 - *	-	-	-	*
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	1111 *	-	-	969

Table 2. Holders Applying Inputs by Educational Status
Jijiga Zone

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	17266	-	-	-	*	*	*
Literate	*	-	-	-	-	-	-
Grades 1	-	-	-	-	-	-	-
Grades 4	- *	-	-	-	-	-	*
Grades 7	- *	-	-	-	-	-	-
Grades 9	-	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	20897	-	-	-	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Liben Zone

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	9229	-	*	*	*	*	*
Literate	1794	-	*	-	-	*	*
Grades 1	670	-	-	-	-	*	*
Grades 4	411	-	*	-	-	*	*
Grades 7	- *	-	-	-	-	-	-
Grades 9	- *	-	-	-	-	-	*
Grade 12 c	- *	-	*	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	12302	-	*	*	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Benshangl Region

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Illiterate	10221	*	-	-	-	-	864
Literate	629	-	-	-	-	*	*
Grades 1	1082	-	-	-	-	-	382
Grades 4	1508	-	-	-	-	*	*
Grades 7	- *	-	-	-	-	-	-
Grades 9	- *	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	13824	*	-	-	-	-	1764

Table 2. Holders Applying Inputs by Educational Status
Metekel Zone

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	*	*	-	-	-	-	*
Literate	-	-	-	-	-	-	-
Grades 1 -	*	-	-	-	-	-	*
Grades 4 -	-	-	-	-	-	-	-
Grades 7 -	-	-	-	-	-	-	-
Grades 9 -	-	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	*	*	-	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
Asosa Zone

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	10039	-	-	-	-	-	*
Literate	629	-	-	-	-	-	*
Grades 1 -	1031	-	-	-	-	-	331
Grades 4 -	1508	-	-	-	-	-	*
Grades 7 -	*	-	-	-	-	-	-
Grades 9 -	*	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	13591	-	-	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
Kemeshi Zone

Educationa	All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	*	-	-	-	-	-	*
Literate	-	-	-	-	-	-	-
Grades 1 -	-	-	-	-	-	-	-
Grades 4 -	-	-	-	-	-	-	-
Grades 7 -	-	-	-	-	-	-	-
Grades 9 -	-	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-	-
Above grac	-	-	-	-	-	-	-
Total	*	-	-	-	-	-	*

Table 2. Holders Applying Inputs by Educational Status
(S.N.N.P.R Region)

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	1020951	139615	28801	11588	13115	
Literate	36194	5204	1639 *	*		
Grades 1 -	197655	37751	8453	2631	1348	
Grades 4 -	236505	59283	13051	2278	4533	
Grades 7 -	90854	30717	8802	849	1092	
Grades 9 -	30348	10102	3162 *	*		
Grade 12 c	16978	7037	3122 *	*		
Above grac	3377	1015 *	*	-		
Total	1632861	290724	67356	18470	22298	

Table 2. Holders Applying Inputs by Educational Status
Gurage Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	50672 *	-	-	-		
Literate	3602 *	-	*	-		
Grades 1 -	6619 -	-	-	-		
Grades 4 -	8210 *	-	-	-		
Grades 7 -	3516 -	-	-	-		
Grades 9 - *	-	-	-	-		
Grade 12 c *	-	-	-	-		
Above grac -	-	-	-	-		
Total	73255 *	-	*	-		

Table 2. Holders Applying Inputs by Educational Status
Hadiya Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	87530	26536	3668 -	-		
Literate	1699 *	*	-	*		
Grades 1 -	19830	7270 *	-	-		
Grades 4 -	31309	11382	2412 *	-		
Grades 7 -	16421	7172 *	-	*		
Grades 9 -	4743	2228	742 -	-		
Grade 12 c	2965	1416 *	-	-		
Above grac *	*	-	-	-		
Total	165231	57141	11318 *	*		

Table 2. Holders Applying Inputs by Educational Status
Kembata Tembaro Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ɔ Pesticide	Irrigation
Illiterate	44919	15407	1413 *	-	-	-
Literate *	-	-	-	-	-	-
Grades 1 -	12304	4475 *	*	-	-	-
Grades 4 -	19021	7979	832 -	-	-	-
Grades 7 -	9185	3377 *	-	-	-	-
Grades 9 -	3884	1453 *	-	-	-	-
Grade 12 c	2865	1611	436 *	-	-	-
Above grac	601 *	*	-	-	-	-
Total	92997	34524	4416	426	-	-

Table 2. Holders Applying Inputs by Educational Status
Sidama Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ɔ Pesticide	Irrigation
Illiterate	131032	27436 *	*	*	*	*
Literate	4273 *	-	-	-	-	-
Grades 1 -	42128	11564	1272 *	-	-	-
Grades 4 -	56281	20188	4133 -	-	-	*
Grades 7 -	18256	8756	1909 -	-	-	-
Grades 9 -	5835	2638 *	-	-	-	-
Grade 12 c	4750 *	*	-	-	-	-
Above grac *	-	-	-	-	-	-
Total	263731	73750	11138 *	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Gedio Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ɔ Pesticide	Irrigation
Illiterate	26674 *	-	-	-	-	-
Literate	765 -	-	-	-	-	-
Grades 1 -	7551 *	*	-	-	-	-
Grades 4 -	9856 *	*	-	-	-	-
Grades 7 -	3525 *	-	-	-	-	-
Grades 9 -	1421 *	-	-	-	-	-
Grade 12 c *	-	-	-	-	-	-
Above grac *	-	-	-	-	-	-
Total	50214 *	*	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Wolayita Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	136765	55541	14925	2504 *
Literate	6152	3466 *	*	-
Grades 1 -	29442	12057	2867 *	*
Grades 4 -	34560	16383	3600 -	-
Grades 7 -	19608	9601	2588 -	-
Grades 9 -	8100	3609	1423 *	-
Grade 12 c	2837	1010 *	-	-
Above grac *	*	*	-	-
Total	237880	101882	26919	3133 *

Table 2. Holders Applying Inputs by Educational Status
South Omc Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	55235 -	-	-	*
Literate	2231 -	-	-	-
Grades 1 -	6775 *	*	*	-
Grades 4 -	3818 -	-	-	-
Grades 7 -	1205 -	-	-	-
Grades 9 -	431 -	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	69843 *	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Shaka Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	14747 *	*	*	-
Literate	1173 *	*	-	-
Grades 1 -	3201	293	293 *	-
Grades 4 -	3742	244 *	-	-
Grades 7 -	1584 *	*	-	-
Grades 9 -	426 -	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	24959	1511	1245 *	-

Table 2. Holders Applying Inputs by Educational Status
Kaffa Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate	80945 *	*			4065 *	
Literate	2201 -	-		*	-	
Grades 1 -	10854 *	*			861 *	
Grades 4 -	13362 *	*		*	-	
Grades 7 -	3821 *	*		*	-	
Grades 9 -	667 -	-		-	-	
Grade 12 c *	-	-		-	-	
Above grac -	-	-		-	-	
Total	112351 *	*			6773 *	

Table 2. Holders Applying Inputs by Educational Status
Gamo Gofe Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate	152123 *	*			1624	7849
Literate	2189 -	*		-	*	
Grades 1 -	21561 -	*		-	*	
Grades 4 -	22254 *	*		-	*	
Grades 7 -	5375 *	*		-	*	
Grades 9 -	2163 -	*		-	*	
Grade 12 c	1153 -	*		-	*	
Above grac -	-	-		-	-	
Total	206818 *			5469	1624	13938

Table 2. Holders Applying Inputs by Educational Status
Bench-Maji Zone

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	€ Pesticide	Irrigation
Illiterate	59727 *	*		*		-
Literate	2554 -	-		-		-
Grades 1 -	9817 -	*		*		-
Grades 4 -	9543 *	*		-		-
Grades 7 -	2263 *	*		-		-
Grades 9 - *	-	-		-		-
Grade 12 c *	-	-		-		-
Above grac *	-	-		-		-
Total	84496	1093		1842 *		-

Table 2. Holders Applying Inputs by Educational Status
Yem Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	6828	343 -		122 -
Literate	514 -	-	-	-
Grades 1 -	1213 *	-	-	-
Grades 4 -	1274 *	-	*	-
Grades 7 -	477 *	-	*	-
Grades 9 -	177 -	-	*	-
Grade 12 c	116 -	-	-	-
Above grac	-	-	-	-
Total	10598	487 -		241 -

Table 2. Holders Applying Inputs by Educational Status
Amaro Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	9583 *	*	*	*
Literate	942 -	-	*	*
Grades 1 -	2527 *	*	*	*
Grades 4 -	3778 -	*	*	*
Grades 7 -	1063 *	-	*	*
Grades 9 -	456 -	-	-	*
Grade 12 c	-	-	-	-
Above grac	-	-	-	-
Total	18348 *	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Burji Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	5310	329 -		921 -
Literate	209 *	-	*	-
Grades 1 -	719	77 -		196 -
Grades 4 -	1039 *	*		301 *
Grades 7 -	270 *	-	*	-
Grades 9 -	132 -	*		78 -
Grade 12 c *	-	-	-	-
Above grac *	*	-	*	-
Total	7779	495 *		1596 *

Table 2. Holders Applying Inputs by Educational Status
Konso Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	29340 -	*	*	*
Literate	470 -	-	-	-
Grades 1 -	2311 -	-	*	*
Grades 4 -	2054 -	-	*	*
Grades 7 -	520 -	-	*	*
Grades 9 - *	-	-	-	*
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	35109 -	*	*	*

Table 2. Holders Applying Inputs by Educational Status
Derashe Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	18523 *	*		331 *
Literate	710 -	-	-	-
Grades 1 -	1950 -	-	*	*
Grades 4 -	2034 -	-	*	*
Grades 7 -	409 -	-	*	-
Grades 9 - *	-	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	23701 *	*		639 *

Table 2. Holders Applying Inputs by Educational Status
Dawro Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	29383 -	-	*	-
Literate	1036 -	-	-	-
Grades 1 -	7126 -	-	-	-
Grades 4 -	6282 -	-	*	-
Grades 7 -	1746 -	-	-	-
Grades 9 -	733 -	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	46531 -	-	*	-

Table 2. Holders Applying Inputs by Educational Status
Basketo Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	7570	474	436	-	-
Literate	197 *	*	-	-	-
Grades 1 -	1122	137	137	-	-
Grades 4 -	1173	137	137	-	-
Grades 7 -	156 -	-	-	-	-
Grades 9 -	151 -	-	-	-	-
Grade 12 c	67 *	*	-	-	-
Above grac *	-	-	-	-	-
Total	10456	800	762	-	-

Table 2. Holders Applying Inputs by Educational Status
Konta Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	10246 *	-	-	-	-
Literate	256 -	-	-	-	-
Grades 1 -	1422 -	-	-	-	-
Grades 4 -	880 -	-	-	-	-
Grades 7 -	167 -	-	-	-	-
Grades 9 - -	-	-	-	-	-
Grade 12 c -	-	-	-	-	-
Above grac -	-	-	-	-	-
Total	12971 *	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Seltie Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved	ε Pesticide	Irrigation
Illiterate	47147	6094 *	-	*	*
Literate	4437 *	-	-	-	*
Grades 1 -	6498 *	-	-	-	-
Grades 4 -	4237 *	-	-	-	-
Grades 7 -	692 -	-	-	-	-
Grades 9 - *	-	-	-	-	-
Grade 12 c *	*	-	-	-	-
Above grac -	-	-	-	-	-
Total	63443	8207 *	-	*	*

Table 2. Holders Applying Inputs by Educational Status
Alaba Special Wereda Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	16653	476 -	*	*
Literate	368 -	-	-	-
Grades 1 -	2685 *	-	-	*
Grades 4 -	1799 *	-	-	*
Grades 7 -	594 -	-	-	*
Grades 9 - *	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	22149	1021 -	*	*

Table 2. Holders Applying Inputs by Educational Status
Harari Region

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	2447	535 -	*	-
Literate	394	82 -	-	*
Grades 1 -	353	143 -	*	-
Grades 4 -	614	187 -	*	*
Grades 7 -	240	170 -	*	-
Grades 9 - *	-	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	4083	1116 -	*	*

Table 2. Holders Applying Inputs by Educational Status
Hundene Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	2447	535 -	*	-
Literate	394	82 -	-	*
Grades 1 -	353	143 -	*	-
Grades 4 -	614	187 -	*	*
Grades 7 -	240	170 -	*	-
Grades 9 - *	-	-	-	-
Grade 12 c *	-	-	-	-
Above grac -	-	-	-	-
Total	4083	1116 -	*	*

Table 2. Holders Applying Inputs by Educational Status
Addis Abat Region

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	-	-	-	-	-	-
Literate	-	-	-	-	-	-
Grades 1	-	-	-	-	-	-
Grades 4	-	-	-	-	-	-
Grades 7	-	-	-	-	-	-
Grades 9	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-
Above grac	-	-	-	-	-	-
Total	-	-	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Zone 3

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	-	-	-	-	-	-
Literate	-	-	-	-	-	-
Grades 1	-	-	-	-	-	-
Grades 4	-	-	-	-	-	-
Grades 7	-	-	-	-	-	-
Grades 9	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-
Above grac	-	-	-	-	-	-
Total	-	-	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Zone 6

Educationa All	Status of H	Crop Holde	Fertilizer	Improved	Ƒ Pesticide	Irrigation
Illiterate	-	-	-	-	-	-
Literate	-	-	-	-	-	-
Grades 1	-	-	-	-	-	-
Grades 4	-	-	-	-	-	-
Grades 7	-	-	-	-	-	-
Grades 9	-	-	-	-	-	-
Grade 12 c	-	-	-	-	-	-
Above grac	-	-	-	-	-	-
Total	-	-	-	-	-	-

Table 2. Holders Applying Inputs by Educational Status
Dire Dawa Region

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	2855 *	*	*	1469
Literate *	-	*	-	*
Grades 1 -	143 -	-	-	91
Grades 4 -	267 -	*	-	*
Grades 7 - *	-	-	-	*
Grades 9 - -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	3358 *	*	*	1781

Table 2. Holders Applying Inputs by Educational Status
Gurgura Zone

Educationa All	Status of H Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Illiterate	2855 *	*	*	1469
Literate *	-	*	-	*
Grades 1 -	143 -	-	-	91
Grades 4 -	267 -	*	-	*
Grades 7 - *	-	-	-	*
Grades 9 - -	-	-	-	-
Grade 12 c -	-	-	-	-
Above grac -	-	-	-	-
Total	3358 *	*	*	1781

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage National

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	1589704	141210	114384	25974	*
Crop disea *		*	*	*	-
Frost or flo	313643	23352	18081	5212	*
Locust	64695	3720	2397	1293	*
Shortage o	12431	328	151	176	-
Too much i	81605	3662	1819	1812	*
Wild anima	21468	716	379	293	*
Birds	170350	9902	8193	1569	*
Hailstone	466174	48717	40830	7816	*
Pests	70893	3972	2869	1102	*
Weeds	276664	28182	24866	3290	*
Others	339797	18292	14626	3218	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Tigray Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	34929	7832	7731	*	-
Crop disea -	-	-	-	-	-
Frost or flo	1141	*	*	-	-
Locust *	*	*	*	-	-
Shortage o *	*	*	*	*	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	-	-
Birds *	*	*	*	-	-
Hailstone	28737	7322	7293	*	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	*	-
Others	1805	128	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage North West Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage -	-	-	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Central Tig Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage *	*	*	*	*	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	*	-
Birds -	-	-	-	-	-
Hailstone *	*	*	*	*	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage East Tigray Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	4080	162	155	*	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	*	-
Birds -	-	-	-	-	-
Hailstone *	*	*	*	*	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage South Tigrz Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	28600	7602	7560 *	-	-
Crop disea -	-	-	-	-	-
Frost or flo*	*	*	-	-	-
Locust *	*	*	-	-	-
Shortage o*	*	-	*	-	-
Too much i*	*	*	*	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	-	-	-
Hailstone	25260	7220	7198 *	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others	603 *	*	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Western Ti Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage -	-	-	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Afar Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	3292	828	490	338 *	-
Crop disea -	-	-	-	-	-
Frost or flo*	*	-	*	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i*	*	*	*	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	-	-	*
Hailstone	2446	620	390	231 -	-
Pests *	*	*	-	-	-
Weeds	978	133 *	-	105 *	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Zone 1 Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage -	-	-	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Zone 3 Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	3292	828	490	338	*
Crop disea -	-	-	-	-	-
Frost or flo.*	*	-	*	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	-	*	*
Hailstone	2446	620	390	231	-
Pests *	*	*	-	-	-
Weeds	978	133	*	105	*
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Amhara Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	264223	26762	18811	7875	*
Crop disea -	-	-	-	-	-
Frost or flo	36656	2304	1349	956	-
Locust	2991	*	*	-	-
Shortage o	4282	132	*	35	-
Too much i	28594	2089	677	1398	*
Wild anima	9629	414	184	*	-
Birds	14296	933	912	*	*
Hailstone	139490	15674	12165	3485	*
Pests	11416	378	356	*	*
Weeds	25124	1680	742	938	-
Others	55398	3046	2271	738	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage North Gonc Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage *	*	*	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage South Gonı Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage *	*	*	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage North Wolo Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	62084	4921	3832	1043	*
Crop disea -	-	-	-	-	-
Frost or flo	5790	298	105	*	-
Locust *	*	*	*	-	-
Shortage o *	*	-	*	-	-
Too much i *	*	*	137	*	*
Wild anima	2759	95	50	*	-
Birds *	*	*	*	*	*
Hailstone	39005	3098	2851	*	*
Pests	5593	132	129	*	-
Weeds	4541	*	*	*	-
Others	9136	483	389	*	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage South Wolk Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	64805	4776	3354	1422	-
Crop disea -	-	-	-	-	-
Frost or flo	11538	619 *	*	*	-
Locust *	*	-	-	*	-
Shortage o *	*	-	-	*	-
Too much i	4211	136	64	72	-
Wild anima *	*	*	*	*	-
Birds *	*	*	*	-	-
Hailstone	29671	2833	1910 *	*	-
Pests	3792	190	178 *	*	-
Weeds *	*	*	*	*	-
Others	14370	737	620 *	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage North Shewa(Amhara) Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	107936	14362	9601	4731 *	
Crop disea -	-	-	-	-	-
Frost or flo	17578	1290	678 *	*	-
Locust *	*	*	*	*	-
Shortage o *	*	*	*	*	-
Too much i	15196	1262	476	777 *	
Wild anima	4620 *	*	67 *	*	-
Birds	4841 *	*	*	*	-
Hailstone	61955	8132	6206	1919 *	
Pests *	*	*	*	*	*
Weeds	15950	1251	518	734 -	
Others	24138	1634	1075	546 *	

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage East Gojan Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage *	*	*	*	*	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima *	*	-	*	*	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage West Gojar Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage*	*	*	*	-	-
Crop disea -	-	-	-	-	-
Frost or flo*	*	*	*	-	-
Locust *	*	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests *	*	*	*	-	-
Weeds -	-	-	-	-	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Waghmer Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage -	-	-	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Agewawie Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage*	*	*	*	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust *	*	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima*	*	*	*	-	-
Birds -	-	-	-	-	-
Hailstone *	*	*	*	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Oromia Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	11911	2135	1476	658	*
Crop disea -	-	-	-	-	-
Frost or flo-	-	-	-	-	-
Locust	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	-	*	-	-
Wild anima *	*	*	-	-	-
Birds	*	*	-	-	-
Hailstone	8523	1608	1195	*	*
Pests	*	*	-	-	-
Weeds	*	*	*	-	-
Others	*	*	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Oromia Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	670642	64345	55112	8526	*
Crop disea *	*	*	-	-	-
Frost or flo-	135776	10814	8535	2227	*
Locust	16556	*	*	-	-
Shortage o *	*	*	*	-	-
Too much i	24000	684	480	186	*
Wild anima	4791	163	108	*	*
Birds	51941	3692	3042	520	*
Hailstone	193535	17570	14685	2846	*
Pests	21664	1302	1016	-	-
Weeds	170962	20017	18571	1423	*
Others	117235	8553	7433	716	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
West Wele Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	106373	3906	3690	216	-
Crop disea -	-	-	-	-	-
Frost or flo-	26821	800	785	15	-
Locust *	*	*	*	-	-
Shortage o *	*	-	*	-	-
Too much i *	*	*	*	-	-
Wild anima *	*	-	*	-	-
Birds	*	*	-	-	-
Hailstone	44681	1668	1613	-	-
Pests	*	32	*	-	-
Weeds	18226	553	466	87	-
Others	16095	723	698	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage East Weleç Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	24511	1076	1076	-	-
Crop disea -	-	-	-	-	-
Frost or flo	2596	69	69	-	-
Locust *	*	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds	805 *	*	*	-	-
Hailstone	5491	261	261	-	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	-	-
Others	12531	557	557	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Illibabor Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	43546	2340	2283	57	-
Crop disea -	-	-	-	-	-
Frost or flo	4492	204	192 *	-	-
Locust *	5485 *	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	-	-
Wild anima *	*	*	*	-	-
Birds	1371 *	*	*	-	-
Hailstone	16497	759	735	24	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	-	-
Others	11196 *	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Jimma Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	81262	2572	1839	733	-
Crop disea -	-	-	-	-	-
Frost or flo	11603	318	239	79	-
Locust *	4063 *	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	-	-
Wild anima	1476 *	*	*	-	-
Birds	14679	385	123 *	-	-
Hailstone	26307	887	772	114	-
Pests *	*	*	*	-	-
Weeds	11194	179	91 *	-	-
Others	17280	548	397	151	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage West Shew Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage *	*	*	*	*	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone *	*	*	*	-	-
Pests -	-	-	-	-	-
Weeds *	*	*	-	*	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage North Shev Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	9818	875	804 *	*	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust *	*	*	*	*	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima *	*	*	*	-	-
Birds *	*	*	*	-	-
Hailstone	6452	682	671 *	*	-
Pests *	*	*	*	-	-
Weeds *	*	*	-	*	-
Others	2208	111	104 *	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage East Shewa Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	19045	1528 *	*	*	556 -
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	*	-
Hailstone *	*	*	*	*	-
Pests *	*	*	*	*	-
Weeds *	*	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Arsi Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	79013	7195	5341	1822	*
Crop disea -	-	-	-	-	-
Frost or flo	39426	*		1099	*
Locust *	*	*	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	-	-	-
Wild anima *	*	*	-	-	-
Birds	2917	*	*	*	-
Hailstone	12493	732	465	*	-
Pests *	*	*	*	*	-
Weeds	14311	973	814	*	-
Others	8607	516	387	130	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
West Harer Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	75362	6286	5461	784	*
Crop disea -	-	-	-	-	-
Frost or flo	4864	121	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	-	-	-
Birds	1901	*	*	*	-
Hailstone	38680	4914	4386	489	*
Pests *	*	*	*	*	-
Weeds	23961	828	676	150	*
Others	3951	147	96	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
East Harer Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	47844	1650	1285	365	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	-	*	*	-
Birds	*	*	*	*	-
Hailstone *	*	*	*		32
Pests *	*	*	*	-	-
Weeds	18897	*	*	*	-
Others	11315	342	308	33	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Bale Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	120721	26479	24763	1082	*
Crop disea -	-	-	-	-	-
Frost or flo	25771	4031	3576	*	*
Locust *	*	*	*	*	-
Shortage o *	*	*	*	-	-
Too much i *	*	*	*	-	*
Wild anima *	*	*	*	-	*
Birds	21954	2324	2138	*	*
Hailstone *	*	*	*	*	-
Pests *	*	*	*	-	-
Weeds	52191	12992	12899	*	*
Others	26801	4396	3807	*	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Borena Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	50524	9670	6864	2806	*
Crop disea *	*	*	*	-	-
Frost or flo	5099	*	*	*	-
Locust *	*	*	*	*	-
Shortage o *	*	*	*	-	-
Too much i *	*	*	*	*	-
Wild anima -	-	-	-	-	-
Birds	4308	*	*	*	*
Hailstone	21481	5402	3763	*	-
Pests *	*	*	*	*	-
Weeds	18609	2841	2195	645	-
Others	3628	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
South Wes Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	1942	32	*	*	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone -	-	-	-	-	-
Pests *	*	*	*	*	-
Weeds *	*	*	*	*	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Guji Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	8932	705	701 *	-	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	-	-
Birds *	*	*	*	-	-
Hailstone *	*	*	*	*	-
Pests *	*	*	*	-	-
Weeds	4867 *	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Somale Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	19962	3858	3783	70 *	-
Crop disea -	-	-	-	-	-
Frost or flo *	-	2	2 *	-	-
Locust -	-	-	-	-	-
Shortage o *	*	*	*	-	-
Too much i	55	2	2 -	-	-
Wild anima *	*	*	*	*	-
Birds	1537	158	137 *	*	-
Hailstone	4798 *	*	*	*	-
Pests *	*	*	*	-	-
Weeds	12234	2412	2381 *	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Shinele Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	753	45	45 -	-	*
Crop disea -	-	-	-	-	-
Frost or flo	37	2	2 -	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i	55	2	2 -	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone	343	27	27 -	-	-
Pests -	-	-	-	-	-
Weeds	303	13	13 -	-	*
Others	35 *	*	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Jijiga Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	12781	2901	2900 *	-	-
Crop disea -	-	-	-	-	-
Frost or flo-	-	-	-	-	-
Locust	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone *	*	*	*	-	-
Pests	-	-	-	-	-
Weeds	10381	2246	2246 *	-	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Liben Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	6428	913	838	69 *	-
Crop disea -	-	-	-	-	-
Frost or flo.*	*	-	-	*	-
Locust	-	-	-	-	-
Shortage o *	*	*	*	-	-
Too much i -	-	-	-	-	-
Wild anima*	*	*	*	*	-
Birds *	*	*	*	*	-
Hailstone	2834 *	*	*	*	*
Pests *	*	*	*	-	-
Weeds *	*	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Benshangu Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	4222 *	*	*	*	-
Crop disea -	-	-	-	-	-
Frost or flo.*	*	*	*	-	-
Locust	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	-	-	*	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	*	-
Hailstone *	*	*	*	-	-
Pests *	*	*	*	*	-
Weeds *	*	*	*	*	-
Others	585	13	9 *	9 *	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Metekel Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage *	*	*	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others *	*	*	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Asosa Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	4171 *	*	*	-	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i *	*	-	*	-	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	-	-
Hailstone *	*	*	*	-	-
Pests *	*	*	*	-	-
Weeds *	*	*	*	-	-
Others	534 *		9 *	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Kemeshi Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage -	-	-	-	-	-
Crop disea -	-	-	-	-	-
Frost or flo -	-	-	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone -	-	-	-	-	-
Pests -	-	-	-	-	-
Weeds -	-	-	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage (S.N.N.P.R Region)

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	590902	37419	28393	8964	62
Crop disea *	*	*	*	*	-
Frost or flo	139654	10191	8156	2028	*
Locust	44870	1996	1032	933	*
Shortage o	6385	167	46	121	-
Too much i	27912	860	649	211	*
Wild anima	6758	121	70	*	*
Birds	100922	4934	3920	1007	*
Hailstone	96330	6669	5458	1206	*
Pests	36981	2097	1305	792	-
Weeds	63020	3818	3113	701	*
Others	162596	6230	4501	1722	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Garage Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	17803	160	144	17	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	-	-
Locust *	*	*	*	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima *	*	*	*	-	-
Birds	2073	8	*	-	-
Hailstone *	*	*	*	-	-
Pests -	-	-	-	-	-
Weeds *	*	*	*	-	-
Others *	*	*	*	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Hadiya Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	52128	1626	770	857	-
Crop disea -	-	-	-	-	-
Frost or flo	3005	89	*	45	-
Locust *	*	*	*	-	-
Shortage o *	*	*	*	-	-
Too much i *	*	32	*	-	-
Wild anima *	*	*	*	-	-
Birds	7542	107	58	-	-
Hailstone	8504	*	*	-	-
Pests *	*	*	*	-	-
Weeds	4077	103	*	-	-
Others	27900	607	284	324	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Kembata Tembaro Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	28037	715	373	342	-
Crop disea -	-	-	-	-	-
Frost or flo	2151 *	*	*	*	-
Locust *	*	*	*	*	-
Shortage o	2046	26 *	*	*	-
Too much i	3485	97 *	*	*	-
Wild anima *	*	*	*	*	-
Birds	2157	20 *	*	*	-
Hailstone *	*	*	*	*	-
Pests	1643	42 *			28 -
Weeds	982	18 *		*	-
Others	13620	288	138	150	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Sidama Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	67577	1927 *			270 -
Crop disea -	-	-	-	-	-
Frost or flo	25153 *	*	*	*	97 -
Locust *	*	*	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	*	-
Birds	10635	248 *			14 -
Hailstone *	*	*	*	*	-
Pests *	*	*	*	*	-
Weeds *	*	35 *	*	*	-
Others	18303	377	271 *		-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Gedio Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	14238	143	81	62	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	27 *	*	*	-
Locust *	*	*	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	*	*	-
Birds *	*	*	*	*	-
Hailstone -	-	-	-	-	-
Pests *	*	*	*	*	-
Weeds	4186	52	16 *		-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Wolayita Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	87696	3686	2171	1515	-
Crop disea -	-	-	-	-	-
Frost or flo	13500	592 *			156 -
Locust	24711	1036 *			639 -
Shortage o	2062 *			*	-
Too much i *	*	*		*	-
Wild anima *	*	*		-	-
Birds *	*	*			81 -
Hailstone	7365	169	115		54 -
Pests	16512	568 *			285 -
Weeds *	*	*		*	-
Others	20283	731	469	263	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
South Omc Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	31248	4763	3843	902	17
Crop disea *	*	*	*	*	-
Frost or flo	9596	554	376	178	*
Locust -	-	-	-	-	-
Shortage o *	*	*	*	*	-
Too much i	2296	160	144 *		-
Wild anima *	*	*	-		*
Birds	6351 *	*	*	*	*
Hailstone	6954	1503	1382 *		*
Pests	538	54	43 *		-
Weeds	5705 *	*	*	*	*
Others	3882	371	257 *		*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Shaka Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	7268	502	473	29	-
Crop disea -	-	-	-	-	-
Frost or flo	1009	60	59 *		-
Locust *	*	-	*		-
Shortage o -	-	-	-	-	-
Too much i	1649	79	73 *		-
Wild anima -	-	-	-	-	-
Birds	745	50	43 *		-
Hailstone	1980 *	*	-		-
Pests -	-	-	-	-	-
Weeds	420	10 *			5 -
Others	2057	156	149 *		-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Kaffa Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	59740	4790	3589	1200	*
Crop disea -	-	-	-	-	-
Frost or flo	14146	1169	941	227	-
Locust *	*	*	*	*	-
Shortage o *	*	*	*	*	-
Too much i	3618	*	*	*	*
Wild anima *	*	*	-	-	-
Birds	19143	903	519	384	-
Hailstone	19290	1841	1558	283	-
Pests *	*	*	*	*	-
Weeds	3906	56	-	55	*
Others	9530	593	435	158	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Gamo Gofz Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	86802	5305	4208	1056	*
Crop disea -	-	-	-	-	-
Frost or flo	30015	1376	1042	329	*
Locust *	*	*	*	*	*
Shortage o -	-	-	-	-	-
Too much i	2649	91	*	*	-
Wild anima	1666	*	*	*	*
Birds	16828	892	834	58	-
Hailstone	6226	*	*	*	-
Pests	5923	546	464	*	-
Weeds	5626	*	*	*	-
Others	29011	1295	1079	211	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Bench-Maji Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	25869	1425	1274	151	-
Crop disea -	-	-	-	-	-
Frost or flo	910	*	*	*	-
Locust *	*	*	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	*	*	*	-
Wild anima *	*	*	-	-	-
Birds	7293	293	241	52	-
Hailstone	7246	*	*	*	-
Pests	-	-	-	-	-
Weeds	3600	70	59	11	-
Others	9998	507	458	49	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Yem Special Wereda Zone

Cause of d	All holders	Crop category		
		All crops	Cereals	Pulses
All damage	2092	40	34	6
Crop disea -	-	-	-	-
Frost or flo	193 *	*	*	-
Locust	344	4 *	*	-
Shortage o -	-	-	-	-
Too much i -	-	-	-	-
Wild anima	153 *	*	*	-
Birds *	*	*	-	-
Hailstone	719	16	14	2
Pests *	*	*	-	-
Weeds	475	5	4 *	-
Others	385	9	9 *	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Amaro Special Wereda Zone

Cause of d	All holders	Crop category		
		All crops	Cereals	Pulses
All damage	6855	625	506	119 *
Crop disea -	-	-	-	-
Frost or flo	2471 *	*	-	30 *
Locust	-	-	-	-
Shortage o -	-	-	-	-
Too much i *	*	*	*	-
Wild anima -	-	-	-	-
Birds	1791	61	52	9
Hailstone *	*	*	*	-
Pests *	*	*	*	-
Weeds *	*	*	*	-
Others	1340	94	89 *	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Burji Special Wereda Zone

Cause of d	All holders	Crop category		
		All crops	Cereals	Pulses
All damage	4131	927	836	90 *
Crop disea *	*	*	-	-
Frost or flo	1847	500	484	16
Locust	-	-	-	-
Shortage o -	-	-	-	-
Too much i	85 *	*	*	-
Wild anima -	-	-	-	-
Birds	847	97	92	5
Hailstone *	*	*	-	-
Pests	247	52	51 *	-
Weeds	1314	171	107	64
Others	767	94	91	3 *

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Konso Special Wereda Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	19557	4782	4216	564	*
Crop disea -	-	-	-	-	-
Frost or flo	10322	2854	2577	276	*
Locust *	*	*	*	*	-
Shortage o *	*	*	*	*	-
Too much i	1466	*	*	*	-
Wild anima -	-	-	-	-	-
Birds	1160	158	127	*	-
Hailstone	4109	*	*	*	-
Pests *	*	*	*	*	-
Weeds	5561	480	368	112	-
Others	2604	342	303	39	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Derashe Special Wereda Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	16498	2746	2350	396	*
Crop disea *	*	*	*	-	-
Frost or flo	6398	517	316	201	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i	375	33	28	*	-
Wild anima *	*	*	*	-	-
Birds *	*	167	140	*	*
Hailstone *	*	-	*	*	-
Pests	1142	243	196	*	-
Weeds	7881	1577	1497	80	-
Others	2710	192	156	36	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Dawro Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	19588	1140	998	143	-
Crop disea -	-	-	-	-	-
Frost or flo	3887	*	*	*	28
Locust -	-	-	-	-	-
Shortage o *	*	*	*	*	-
Too much i	605	*	*	*	-
Wild anima *	*	*	*	*	-
Birds	4107	150	118	32	-
Hailstone	7825	418	368	*	-
Pests *	*	*	*	*	-
Weeds *	*	*	*	*	-
Others	3511	166	143	22	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Basketo Special Wereda Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	4658	242	176	65	*
Crop disea -	-	-	-	-	-
Frost or flo	1698	79	46	33	*
Locust -	-	-	-	-	-
Shortage o *	*	*	*	*	-
Too much i	1034	25	14	11	*
Wild anima *	*	*	*	*	-
Birds	909	37	30	6	*
Hailstone	144	*	*	*	-
Pests *	*	*	*	*	-
Weeds	664	17	15	2	*
Others	1702	65	57	7	*

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Konta Special Wereda Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	6748	613	523	90	-
Crop disea -	-	-	-	-	-
Frost or flo	2872	350	304	46	-
Locust *	*	*	*	*	-
Shortage o *	*	*	*	*	-
Too much i *	*	*	*	*	-
Wild anima -	-	-	-	-	-
Birds	2005	106	83	23	-
Hailstone	1310	88	80	8	-
Pests *	*	*	*	*	-
Weeds *	*	*	*	*	-
Others	762	48	42	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Seltie Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	22698	838	144	694	-
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust -	-	-	-	-	-
Shortage o *	*	-	*	*	-
Too much i *	*	-	*	*	-
Wild anima -	-	-	-	-	-
Birds	2421	*	*	*	-
Hailstone	7739	160	48	112	-
Pests	3420	181	*	*	-
Weeds	1260	*	*	*	-
Others	5463	125	23	102	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Alaba Special Wereda Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	9672	423	26	397	-
Crop disea -	-	-	-	-	-
Frost or flo	259 *	*	*	*	-
Locust *	*	*	*	*	-
Shortage o *	*	-	*	*	-
Too much i *	*	-	*	*	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	*	-
Hailstone	3655	140	11	129	-
Pests	1195	56 *			55 -
Weeds *	*	*	*	*	-
Others	2852	123 *			122 -

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Harari Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	598	10 *			6 -
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust *	*	-	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	-	*	*	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	*	-
Hailstone *	*	-	*	*	-
Pests *	*	*	*	-	-
Weeds	198 *	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Hundene Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	
All damage	598	10 *			6 -
Crop disea -	-	-	-	-	-
Frost or flo *	*	*	*	*	-
Locust *	*	-	*	*	-
Shortage o -	-	-	-	-	-
Too much i *	*	-	*	*	-
Wild anima -	-	-	-	-	-
Birds *	*	*	*	*	-
Hailstone *	*	-	*	*	-
Pests *	*	*	*	-	-
Weeds	198 *	*	*	*	-
Others *	*	*	*	*	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Addis Abat Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage-	-	-	-	-	-
Crop disea-	-	-	-	-	-
Frost or flo-	-	-	-	-	-
Locust	-	-	-	-	-
Shortage o-	-	-	-	-	-
Too much i-	-	-	-	-	-
Wild anima-	-	-	-	-	-
Birds	-	-	-	-	-
Hailstone	-	-	-	-	-
Pests	-	-	-	-	-
Weeds	-	-	-	-	-
Others	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Zone 3 Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage-	-	-	-	-	-
Crop disea-	-	-	-	-	-
Frost or flo-	-	-	-	-	-
Locust	-	-	-	-	-
Shortage o-	-	-	-	-	-
Too much i-	-	-	-	-	-
Wild anima-	-	-	-	-	-
Birds	-	-	-	-	-
Hailstone	-	-	-	-	-
Pests	-	-	-	-	-
Weeds	-	-	-	-	-
Others	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage Zone 6 Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage-	-	-	-	-	-
Crop disea-	-	-	-	-	-
Frost or flo-	-	-	-	-	-
Locust	-	-	-	-	-
Shortage o-	-	-	-	-	-
Too much i-	-	-	-	-	-
Wild anima-	-	-	-	-	-
Birds	-	-	-	-	-
Hailstone	-	-	-	-	-
Pests	-	-	-	-	-
Weeds	-	-	-	-	-
Others	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Dire Dawa Region

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	933	27	27	-	-
Crop disea -	-	-	-	-	-
Frost or flo.*	*	*	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone	503	12	12	-	-
Pests *	*	*	-	-	-
Weeds	315 *	*	-	-	-
Others -	-	-	-	-	-

Table 3. Number of Holders and Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Gurgura Zone

Cause of d	Crop category				
	All holders	All crops	Cereals	Pulses	Oilseeds
All damage	933	27	27	-	-
Crop disea -	-	-	-	-	-
Frost or flo.*	*	*	-	-	-
Locust -	-	-	-	-	-
Shortage o -	-	-	-	-	-
Too much i -	-	-	-	-	-
Wild anima -	-	-	-	-	-
Birds -	-	-	-	-	-
Hailstone	503	12	12	-	-
Pests *	*	*	-	-	-
Weeds	315 *	*	-	-	-
Others -	-	-	-	-	-

Table 2. Holders Applying Inputs by Age group
National

All					
Age group	Crop Holders	Fertilizer	Improved	Pesticide	Irrigation
Below 18	22184	2321 *	*	*	
18 - 20	85708	11367 *		5224	5189
21 - 24	207412	31464	4833	18931	7042
25 - 29	501874	66254	9012	39036	27765
30 - 39	1128391	164701	23979	63149	76595
40 - 49	888099	132472	20101	59923	69005
50 - 59	597273	89513	14597	41060	48112
60 and abc	695239	82182	12106	48406	53554
Not stated *	*	-	*	-	
Total	4127579	580296	84979	277644	287538

Table 2. Holders Applying Inputs by Age group
Tigray Region

All					
Age group	Crop Holders	Fertilizer	Improved	Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	859	-	*	*	*
25 - 29	6850 *	*	*	*	*
30 - 39	14753	1925 *	*		7322
40 - 49	13933	1832 *	*		7083
50 - 59	14857 *	*	*		7993
60 and abc	12373	1273 *	*		4862
Not stated -	-	-	-	-	-
Total	63624	6845	1595 *		28888

Table 2. Holders Applying Inputs by Age group
North West Zone

Age group	All			
	Crop Holder	Fertilizer	Improved Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	-	-	-	-
25 - 29	-	-	-	-
30 - 39	-	-	-	-
40 - 49	-	-	-	-
50 - 59	-	-	-	-
60 and above	-	-	-	-
Not stated	-	-	-	-
Total	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Central Tigray Zone

Age group	All			
	Crop Holder	Fertilizer	Improved Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	-	-	-	-
25 - 29	-	-	-	-
30 - 39	2175 *	*	-	2175
40 - 49	*	*	-	*
50 - 59	*	*	-	*
60 and above	1609 *	-	*	1609
Not stated	-	-	-	-
Total	6343	1804 *	*	6343

Table 2. Holders Applying Inputs by Age group
East Tigray Zone

Age group	All			
	Crop Holder	Fertilizer	Improved Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	-	-	-	-
25 - 29	*	*	-	*
30 - 39	1599 *	-	-	1086
40 - 49	2204 *	*	-	*
50 - 59	3055 *	-	-	*
60 and above	3276 *	-	-	1362
Not stated	-	-	-	-
Total	10523 *	*	-	5308

Table 2. Holders Applying Inputs by Age group
South Tigr Zone

All					
Age group	Crop Holders	Fertilizer	Improved	Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	859	-	-	*	*
25 - 29	6460	*	-	*	*
30 - 39	10979	1052	*	*	4061
40 - 49	10718	*	*	*	4925
50 - 59	10254	*	*	*	4874
60 and abc	7422	*	*	*	1825
Not stated	-	-	-	-	-
Total	46692	*	*	*	17171

Table 2. Holders Applying Inputs by Age group
Western Ti Zone

All					
Age group	Crop Holders	Fertilizer	Improved	Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	-	-	-	-	-
50 - 59	-	-	-	-	-
60 and abc*	-	-	-	-	*
Not stated	-	-	-	-	-
Total	*	-	-	-	*

Table 2. Holders Applying Inputs by Age group
Afar Region

All					
Age group	Crop Holders	Fertilizer	Improved	Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	148	-	-	-	-
21 - 24	206	-	-	*	*
25 - 29	553	-	-	-	*
30 - 39	955	-	-	*	*
40 - 49	750	-	-	*	*
50 - 59	739	-	-	-	*
60 and abc	806	*	-	*	*
Not stated	-	-	-	-	-
Total	4228	*	-	*	*

Table 2. Holders Applying Inputs by Age group
Zone 1 Zone

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	-	-	-	-	-
50 - 59	-	-	-	-	-
60 and abc	-	-	-	-	-
Not stated	-	-	-	-	-
Total	-	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Zone 3 Zone

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	148	-	-	-	-
21 - 24	206	-	-	*	*
25 - 29	553	-	-	-	*
30 - 39	955	-	-	*	*
40 - 49	750	-	-	*	*
50 - 59	739	-	-	-	*
60 and abc	806	*	-	*	*
Not stated	-	-	-	-	-
Total	4228	*	-	*	*

Table 2. Holders Applying Inputs by Age group
Amhara Region

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	7226	*	-	*	*
21 - 24	14645	*	-	*	1817
25 - 29	47510	2725	*	*	8326
30 - 39	111018	7745	*	2197	27819
40 - 49	119696	4857	-	2511	29025
50 - 59	99714	4068	*	1848	20066
60 and abc	126097	3741	1353	*	23441
Not stated	-	-	-	-	-
Total	526730	24708	2428	10182	111226

Table 2. Holders Applying Inputs by Age group
North Gonc Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	*	-	-	-	-
30 - 39	*	-	-	-	-
40 - 49	*	-	-	-	*
50 - 59	-	-	-	-	-
60 and abc*	-	-	-	-	*
Not stated	-	-	-	-	-
Total	*	-	-	-	*

Table 2. Holders Applying Inputs by Age group
South Gonc Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	*	-	-	-	*
25 - 29	1125	-	-	-	*
30 - 39	*	*	-	-	*
40 - 49	*	*	-	-	*
50 - 59	*	*	-	-	-
60 and abc*	*	*	*	-	*
Not stated	-	-	-	-	-
Total	*	*	*	-	*

Table 2. Holders Applying Inputs by Age group
North Wolc Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	3012	-	-	-	-
25 - 29	10642	-	-	-	1867
30 - 39	24554	*	-	-	3328
40 - 49	30547	*	-	-	8051
50 - 59	25873	*	-	*	6026
60 and abc	28070	-	-	-	4155
Not stated	-	-	-	-	-
Total	122910	*	-	*	23427

Table 2. Holders Applying Inputs by Age group
South Wolk Zone

All				
Age group	Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	*	-	-	-
21 - 24	1939	-	-	*
25 - 29	13022	-	-	*
30 - 39	32078	-	*	7258
40 - 49	39055	-	*	8464
50 - 59	31677	*	*	7180
60 and abc	40259	*	-	7919
Not stated	-	-	-	-
Total	159001	-	*	31858

Table 2. Holders Applying Inputs by Age group
North Shewa(Amhara) Zone

All				
Age group	Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	5911	-	*	*
21 - 24	7050	*	*	*
25 - 29	14050	*	*	*
30 - 39	24942	*	1511	3035
40 - 49	28566	*	*	*
50 - 59	27572	*	*	*
60 and abc	36008	*	*	*
Not stated	-	-	-	-
Total	144343	*	*	12124

Table 2. Holders Applying Inputs by Age group
East Gojan Zone

All				
Age group	Crop Holde	Fertilizer	Improved S Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	*	-	-	*
21 - 24	*	-	-	-
25 - 29	*	-	-	*
30 - 39	*	-	-	*
40 - 49	*	-	-	*
50 - 59	*	-	-	*
60 and abc	2359	-	-	*
Not stated	-	-	-	-
Total	*	-	-	*

Table 2. Holders Applying Inputs by Age group
West Gojar Zone

Age group	All			
	Crop Holde	Fertilizer	Improved S	Pesticide Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	*	*	-	*
25 - 29	3933	*	-	*
30 - 39	8312	*	-	*
40 - 49	6681	*	-	*
50 - 59	2396	*	-	*
60 and abc	5443	*	-	*
Not stated	-	-	-	-
Total	27506	6225	-	*

Table 2. Holders Applying Inputs by Age group
Waghmer Zone

Age group	All			
	Crop Holde	Fertilizer	Improved S	Pesticide Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	-	-	-	-
25 - 29	-	-	-	-
30 - 39	-	-	-	-
40 - 49	-	-	-	-
50 - 59	-	-	-	-
60 and abc	-	-	-	-
Not stated	-	-	-	-
Total	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Agewawie Zone

Age group	All			
	Crop Holde	Fertilizer	Improved S	Pesticide Irrigation
Below 18	-	-	-	-
18 - 20	*	*	-	*
21 - 24	*	-	-	*
25 - 29	3157	*	-	*
30 - 39	12012	*	-	7652
40 - 49	7621	*	-	5534
50 - 59	5268	*	*	3674
60 and abc	6045	*	-	3770
Not stated	-	-	-	-
Total	35138	*	*	23400

Table 2. Holders Applying Inputs by Age group
Oromia Zone

All					
Age group	Crop Holders	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	*	-	-	-	*
25 - 29	872	-	-	-	*
30 - 39	2963	-	*	-	*
40 - 49	2711	-	-	-	*
50 - 59	2850	-	-	-	*
60 and abc	2906	-	*	*	*
Not stated	-	-	-	-	-
Total	12692	-	*	*	*

Table 2. Holders Applying Inputs by Age group
Oromia Region

All					
Age group	Crop Holders	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	11160 *	-	-	*	*
18 - 20	45896	7793	-	4440	3248
21 - 24	107362	16608 *	-	17406	2776
25 - 29	240661	32556 *	-	35178	13817
30 - 39	492401	62613	2985	54905	33297
40 - 49	384269	57556	3862	53229	27596
50 - 59	243798	37453	1954	36192	14870
60 and abc	318113	40619	2438	42761	20762
Not stated *	-	-	-	*	-
Total	1844559	256790	12910	245932	116616

Table 2. Holders Applying Inputs by Age group
West Wele Zone

All					
Age group	Crop Holders	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	-	-	-	*
18 - 20	5010	-	-	-	987
21 - 24	10899	-	-	-	*
25 - 29	30651	-	-	*	4926
30 - 39	52641 *	-	-	*	10651
40 - 49	35463 *	*	*	*	6308
50 - 59	22261 *	-	-	*	*
60 and abc	42455	-	-	*	7239
Not stated	-	-	-	-	-
Total	200127 *	*	*	4663	35155

Table 2. Holders Applying Inputs by Age group
East Weleç Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	*	-	-	-	-
21 - 24	1407	*	-	-	*
25 - 29	7076	-	-	-	2232
30 - 39	13612	*	-	-	4928
40 - 49	8741	-	-	-	3409
50 - 59	4257	-	-	-	*
60 and abc	9511	*	*	-	*
Not stated	-	-	-	-	-
Total	44796	*	*	-	16465

Table 2. Holders Applying Inputs by Age group
Illibabor Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	3709	-	-	-	-
21 - 24	6235	-	-	-	-
25 - 29	13932	-	-	-	-
30 - 39	28632	-	-	*	*
40 - 49	19419	*	-	*	*
50 - 59	10171	-	-	-	-
60 and abc	17800	-	-	*	*
Not stated	-	-	-	-	-
Total	100290	*	-	*	907

Table 2. Holders Applying Inputs by Age group
Jimma Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	1237	-	-	-	-
18 - 20	6053	*	-	-	*
21 - 24	18765	*	-	*	*
25 - 29	36621	*	-	*	-
30 - 39	97489	5188	-	*	*
40 - 49	76659	3914	*	-	4016
50 - 59	52158	*	*	-	2617
60 and abc	50394	*	*	*	*
Not stated	-	-	-	-	-
Total	339376	15751	*	*	*

Table 2. Holders Applying Inputs by Age group
West Shew Zone

All						
Age group	Crop	Holder	Fertilizer	Improved	☒ Pesticide	Irrigation
Below 18	-	-	-	-	-	-
18 - 20	-	-	-	-	-	-
21 - 24	*	-	-	-	-	-
25 - 29	*	*	-	-	-	*
30 - 39	*	-	-	-	-	*
40 - 49	*	*	-	*	*	*
50 - 59		2244	*	-	*	1040
60 and abc	*	-	-	-	-	*
Not stated	-	-	-	-	-	-
Total		8048	*	-	*	*

Table 2. Holders Applying Inputs by Age group
North Shev Zone

All						
Age group	Crop	Holder	Fertilizer	Improved	☒ Pesticide	Irrigation
Below 18	-	-	-	-	-	-
18 - 20	*	-	-	-	-	-
21 - 24		1089	-	-	-	-
25 - 29		3719	-	-	-	*
30 - 39		7593	-	-	*	*
40 - 49		8559	-	-	-	*
50 - 59		7496	-	-	*	*
60 and abc		11044	-	-	-	*
Not stated	-	-	-	-	-	-
Total		40121	-	-	*	*

Table 2. Holders Applying Inputs by Age group
East Shewa Zone

All						
Age group	Crop	Holder	Fertilizer	Improved	☒ Pesticide	Irrigation
Below 18	*	*	-	*	*	-
18 - 20		2040	*	-	*	-
21 - 24		3833	*	*	*	-
25 - 29		6246	2539	-	*	-
30 - 39		17924	4006	*	*	*
40 - 49		11112	2630	*	*	*
50 - 59		7403	1381	-	-	*
60 and abc		8133	1644	-	*	*
Not stated	-	-	-	-	-	-
Total		58273	14891	*	*	*

Table 2. Holders Applying Inputs by Age group
Arsi Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	*	-	*	-
18 - 20	8419	4524	-	*	-
21 - 24	17409	8761	-		7502 *
25 - 29	30158	14489	-		9721 *
30 - 39	60308	25843	*		19750 *
40 - 49	55772	26595	*		19491 *
50 - 59	37829	19752	*		16943 *
60 and abc	45834	18804	-		15432 *
Not stated	-	-	-	-	-
Total	257328	119802	*	91300	9014

Table 2. Holders Applying Inputs by Age group
West Hara Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	*	-	-	-
18 - 20	4549	*	-	-	*
21 - 24	8530	*	-	-	*
25 - 29	25157	*	*	-	*
30 - 39	56743	3409	-	*	6485
40 - 49	41609	4545	*	*	6424
50 - 59	22393	*	*	-	*
60 and abc	25074	*	-	-	*
Not stated	-	-	-	-	-
Total	185272	14365	*	*	19523

Table 2. Holders Applying Inputs by Age group
East Harer Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	2367	*	-	-	*
21 - 24	7565	*	-	-	-
25 - 29	19164	2366	*	-	2195
30 - 39	49572	6622	*	*	*
40 - 49	33612	3584	*	*	3731
50 - 59	27676	4480	*	-	2336
60 and abc	29015	3873	*	*	3422
Not stated	*	-	-	-	-
Total	170607	22023	2529	1234	16278

Table 2. Holders Applying Inputs by Age group
Bale Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	2094 -	-	*	-
18 - 20	9162 *	-		2052 -
21 - 24	20653	4064 *		7491 -
25 - 29	42215	8892 -		20795 *
30 - 39	61416	15991 *		23668 *
40 - 49	55156	15136 *		22883 *
50 - 59	26368	6741 *		14013 -
60 and abc	38271	12199 *		20742 *
Not stated *	-	-	*	-
Total	255599	64471 *		112227 *

Table 2. Holders Applying Inputs by Age group
Borena Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	970 -	-	*	-
18 - 20	953 -	-	*	-
21 - 24	4788 *	-	*	-
25 - 29	10996 *	-		668 -
30 - 39	29762 *	-		1782 -
40 - 49	24604 *	*	*	-
50 - 59	13802 *	-		975 *
60 and abc	28193 *	-	*	-
Not stated -	-	-	-	-
Total	114069 *	*		7856 *

Table 2. Holders Applying Inputs by Age group
South Wes Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	-	-	-	-
21 - 24	*	-	-	-
25 - 29	2265 -	*	-	*
30 - 39	3733 -	*	-	*
40 - 49	3797 -	-	-	-
50 - 59	* -	-	-	-
60 and abc	2480 *	-	-	-
Not stated -	-	-	-	-
Total	15755 *	*	-	*

Table 2. Holders Applying Inputs by Age group
Guji Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	2821	-	-	-
21 - 24	4461	-	*	-
25 - 29	11568	-	*	-
30 - 39	11656	-	*	*
40 - 49	7483	-	*	*
50 - 59	7507	-	*	-
60 and abc	9080	*	-	-
Not stated	-	-	-	-
Total	54898	-	*	*

Table 2. Holders Applying Inputs by Age group
Somale Region

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	629	-	-	*
21 - 24	1473	-	-	237
25 - 29	4808	*	-	*
30 - 39	9906	*	-	*
40 - 49	7551	*	*	*
50 - 59	5325	*	-	260
60 and abc	4581	*	-	384
Not stated	-	-	-	-
Total	34310	*	*	3834

Table 2. Holders Applying Inputs by Age group
Shinele Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	37	-	-	37
21 - 24	56	-	-	56
25 - 29	144	-	-	131
30 - 39	425	-	-	381
40 - 49	178	-	-	171
50 - 59	148	*	-	112
60 and abc	123	-	-	81
Not stated	-	-	-	-
Total	1111	*	-	969

Table 2. Holders Applying Inputs by Age group
Jijiga Zone

		All			
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	*	-	-	-	-
21 - 24	*	-	-	-	*
25 - 29	3481	-	-	-	*
30 - 39	5926	-	-	-	*
40 - 49	4799	-	-	*	*
50 - 59	3268	-	-	-	-
60 and abc	2014	-	-	-	*
Not stated	-	-	-	-	-
Total	20897	-	-	*	*

Table 2. Holders Applying Inputs by Age group
Liben Zone

		All			
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	*	-	-	-	*
21 - 24	454	-	-	-	*
25 - 29	1183	-	*	-	*
30 - 39	3555	-	*	-	*
40 - 49	2574	-	*	*	*
50 - 59	1908	-	*	-	*
60 and abc	2444	-	*	-	215
Not stated	-	-	-	-	-
Total	12302	-	*	*	*

Table 2. Holders Applying Inputs by Age group
Benshangul Region

		All			
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	*	-	-	-	-
21 - 24	1173	-	-	-	*
25 - 29	1795	-	-	-	*
30 - 39	2591	-	-	-	*
40 - 49	3433	-	-	-	358
50 - 59	1674 *	-	-	-	*
60 and abc	2534	-	-	-	*
Not stated	-	-	-	-	-
Total	13824 *	-	-	-	1764

Table 2. Holders Applying Inputs by Age group
Metekel Zone

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	*	-	-	-	*
50 - 59	*	*	-	-	*
60 and abc	-	-	-	-	-
Not stated	-	-	-	-	-
Total	*	*	-	-	*

Table 2. Holders Applying Inputs by Age group
Asosa Zone

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	*	-	-	-	-
21 - 24	1173	-	-	-	*
25 - 29	1795	-	-	-	*
30 - 39	2565	-	-	-	*
40 - 49	3331	-	-	-	*
50 - 59	1570	-	-	-	*
60 and abc	2534	-	-	-	*
Not stated	-	-	-	-	-
Total	13591	-	-	-	*

Table 2. Holders Applying Inputs by Age group
Kemeshi Zone

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	*	-	-	-	*
40 - 49	-	-	-	-	-
50 - 59	*	-	-	-	*
60 and abc	-	-	-	-	-
Not stated	-	-	-	-	-
Total	*	-	-	-	*

Table 2. Holders Applying Inputs by Age group
(S.N.N.P.R Region)

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	10045 *	*	*	*	-
18 - 20	30885	3233 *	*	*	*
21 - 24	81373	13607	4056	988	1537
25 - 29	198649	30471	7570	2828	2908
30 - 39	494463	91942	20239	4802	5370
40 - 49	356821	67968	15424	3685	3701
50 - 59	230198	46261	11616	2724	4058
60 and abc	229955	36489	8099	2914	3684
Not stated *	*	-	-	-	-
Total	1632861	290724	67356	18470	22298

Table 2. Holders Applying Inputs by Age group
Gurage Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18 *	-	-	-	-	-
18 - 20	1446	-	-	-	-
21 - 24	1418	-	-	-	-
25 - 29	5486	-	-	-	-
30 - 39	21842	-	-	-	-
40 - 49	18678 *	-	*	-	-
50 - 59	13599 *	-	-	-	-
60 and abc	10396 *	-	-	-	-
Not stated *	-	-	-	-	-
Total	73255 *	-	*	-	-

Table 2. Holders Applying Inputs by Age group
Hadiya Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18 *	-	-	-	-	-
18 - 20	2536 *	-	-	-	-
21 - 24	6821	2452 *	-	-	*
25 - 29	14898	5326	1119	-	-
30 - 39	53227	18667	2980	-	-
40 - 49	39549	14793	3513 *	-	-
50 - 59	22057	9064	2059	-	*
60 and abc	25954	6263	1082	-	-
Not stated -	-	-	-	-	-
Total	165231	57141	11318 *	*	*

Table 2. Holders Applying Inputs by Age group
Kembata Tembaro Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	442	-	*	-
18 - 20	1685	771	*	-
21 - 24	3527	1198	*	-
25 - 29	9364	3684	*	-
30 - 39	30042	10514	1295	*
40 - 49	20288	7697	1080	*
50 - 59	15043	6727	970	-
60 and abc	12607	3932	*	-
Not stated	-	-	-	-
Total	92997	34524	4416	426

Table 2. Holders Applying Inputs by Age group
Sidama Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	3809	*	-	-
21 - 24	13746	4599	*	-
25 - 29	33793	11352	*	-
30 - 39	80039	23811	4202	*
40 - 49	58836	14814	2568	-
50 - 59	36031	9605	*	-
60 and abc	37478	8765	*	-
Not stated	-	-	-	-
Total	263731	73750	11138	*

Table 2. Holders Applying Inputs by Age group
Gedio Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	582	*	-	-
21 - 24	3115	*	-	-
25 - 29	6386	*	-	-
30 - 39	12369	*	*	-
40 - 49	9561	*	-	-
50 - 59	7543	*	-	-
60 and abc	10660	*	*	-
Not stated	-	-	-	-
Total	50214	*	*	-

Table 2. Holders Applying Inputs by Age group
Wolayita Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	1363 *	-	-	-
18 - 20	1684 *	-	-	-
21 - 24	9419	3783	1208 *	-
25 - 29	21971	7705	2418 *	-
30 - 39	79708	32023	7965 *	*
40 - 49	54526	25557	6187 *	*
50 - 59	36511	17059	5663 *	*
60 and abc	32699	14404	3478	814 -
Not stated -	-	-	-	-
Total	237880	101882	26919	3133 *

Table 2. Holders Applying Inputs by Age group
South Omc Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	714 -	*	-	-
18 - 20	3054 -	-	-	-
21 - 24	4551 -	-	*	-
25 - 29	12423 -	-	-	*
30 - 39	19171 *	-	-	*
40 - 49	14570 -	-	-	*
50 - 59	7936 -	-	-	-
60 and abc	7332 -	-	-	-
Not stated *	-	-	-	-
Total	69843 *	*	*	*

Table 2. Holders Applying Inputs by Age group
Shaka Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18 *	-	-	-	-
18 - 20	525 *	*	-	-
21 - 24	2112 *	*	*	-
25 - 29	4762 *	*	*	-
30 - 39	7092	414	376 *	-
40 - 49	5055 *	*	*	*
50 - 59	3424 *	*	-	-
60 and abc	1882 *	*	-	-
Not stated -	-	-	-	-
Total	24959	1511	1245 *	-

Table 2. Holders Applying Inputs by Age group
Kaffa Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	705	-	-	-
18 - 20	2436	-	*	-
21 - 24	6341	*	*	-
25 - 29	16201	*		1450
30 - 39	28386	*		1276
40 - 49	24451	*	*	-
50 - 59	15079	*		1011
60 and abc	18610	*		1312
Not stated *	-	-	-	-
Total	112351	*		6773

Table 2. Holders Applying Inputs by Age group
Gamo Gof ξ Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	3239	-	-	-
18 - 20	5080	-	*	*
21 - 24	10896	*	*	*
25 - 29	24808	*	*	*
30 - 39	58613	*	*	*
40 - 49	38288	*	1202	2143
50 - 59	31119	*	-	3035
60 and abc	34776	*	*	*
Not stated -	-	-	-	-
Total	206818	*	5469	1624

Table 2. Holders Applying Inputs by Age group
Bench-Maj Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	962	-	-	-
18 - 20	4028	-	-	-
21 - 24	7776	*	545	-
25 - 29	14677	*	*	-
30 - 39	25398	*	-	-
40 - 49	18887	*	*	-
50 - 59	8155	*	*	-
60 and abc	4613	*	-	-
Not stated -	-	-	-	-
Total	84496	1093	1842	*

Table 2. Holders Applying Inputs by Age group
Yem Special Wereda Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	*	-	-	-
18 - 20	141	-	-	-	-
21 - 24	384	*	-	-	-
25 - 29	959	*	-	*	-
30 - 39	2870	*	-	*	-
40 - 49	2640	*	-	*	-
50 - 59	1821	*	-	*	-
60 and abc	1668	*	-	*	-
Not stated	*	*	-	-	-
Total	10598	487	-	241	-

Table 2. Holders Applying Inputs by Age group
Amaro Special Wereda Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	-	-	-	-
18 - 20	*	-	-	-	-
21 - 24	837	-	-	*	*
25 - 29	2702	*	*	*	*
30 - 39	6215	*	*	389	*
40 - 49	3316	-	-	*	*
50 - 59	2465	-	-	*	*
60 and abc	2641	-	*	*	*
Not stated	-	-	-	-	-
Total	18348	*	*	*	*

Table 2. Holders Applying Inputs by Age group
Burji Special Wereda Zone

All					
Age group	Crop Holde	Fertilizer	Improved	☹ Pesticide	Irrigation
Below 18	*	-	-	*	-
18 - 20	155	*	-	*	-
21 - 24	300	*	-	*	-
25 - 29	1096	*	-	-	248
30 - 39	2208	82	*	-	434
40 - 49	1554	119	-	-	378
50 - 59	1151	98	*	-	218
60 and abc	1303	*	-	-	215
Not stated	-	-	-	-	-
Total	7779	495	*	1596	*

Table 2. Holders Applying Inputs by Age group
Konso Special Wereda Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	447	-	-	-
18 - 20	820	-	-	*
21 - 24	1520	-	*	*
25 - 29	5387	-	*	*
30 - 39	10924	-	*	*
40 - 49	6784	*	*	*
50 - 59	5012	-	*	*
60 and abc	4214	-	-	*
Not stated	-	-	-	-
Total	35109	-	*	*

Table 2. Holders Applying Inputs by Age group
Derashe Special Wereda Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	393	-	*	-
18 - 20	373	-	*	-
21 - 24	1017	*	-	-
25 - 29	4169	*	*	*
30 - 39	7479	-	-	295 *
40 - 49	4900	-	*	*
50 - 59	2669	-	*	*
60 and abc	2700	-	*	*
Not stated	-	-	-	-
Total	23701	*	*	639 *

Table 2. Holders Applying Inputs by Age group
Dawro Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	637	-	-	-
18 - 20	1085	-	-	-
21 - 24	3652	-	*	-
25 - 29	7200	-	-	-
30 - 39	13737	-	-	-
40 - 49	9334	-	*	-
50 - 59	5673	-	*	-
60 and abc	5214	-	-	-
Not stated	-	-	-	-
Total	46531	-	*	-

Table 2. Holders Applying Inputs by Age group
Basketo Special Wereda Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	*	*	-
18 - 20	261	-	-	-
21 - 24	456	*	*	-
25 - 29	1571	158	138	-
30 - 39	2875	247	229	-
40 - 49	2660	200	200	-
50 - 59	1514	*	*	-
60 and abc	968	66	66	-
Not stated	-	-	-	-
Total	10456	800	762	-

Table 2. Holders Applying Inputs by Age group
Konta Special Wereda Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	157	-	-	-
21 - 24	684	-	-	-
25 - 29	2251	-	-	-
30 - 39	3288	*	-	-
40 - 49	3194	*	-	-
50 - 59	1898	-	-	-
60 and abc	1472	-	-	-
Not stated	-	-	-	-
Total	12971	*	-	-

Table 2. Holders Applying Inputs by Age group
Seltie Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	*	*	-	-
21 - 24	1660	*	-	*
25 - 29	4736	742	-	*
30 - 39	22478	2751	*	-
40 - 49	15176	*	-	*
50 - 59	8478	*	-	*
60 and abc	10334	*	-	-
Not stated	-	-	-	-
Total	63443	8207	*	*

Table 2. Holders Applying Inputs by Age group
Alaba Special Wereda Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	-
18 - 20	497	*	-	*
21 - 24	1146	*	-	-
25 - 29	3810	*	-	*
30 - 39	6502	*	*	*
40 - 49	4576	*	-	*
50 - 59	3020	*	-	-
60 and abc	2434	*	-	*
Not stated	-	-	-	-
Total	22149	1021	-	*

Table 2. Holders Applying Inputs by Age group
Harari Region

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	159	*	-	-
21 - 24	148	-	*	*
25 - 29	719	178	*	-
30 - 39	1294	477	*	*
40 - 49	834	257	*	-
50 - 59	473	151	-	-
60 and abc	429	*	-	-
Not stated	*	-	-	-
Total	4083	1116	-	*

Table 2. Holders Applying Inputs by Age group
Hundene Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	-	-	-	-
18 - 20	159	*	-	-
21 - 24	148	-	*	*
25 - 29	719	178	*	-
30 - 39	1294	477	*	*
40 - 49	834	257	*	-
50 - 59	473	151	-	-
60 and abc	429	*	-	-
Not stated	*	-	-	-
Total	4083	1116	-	*

Table 2. Holders Applying Inputs by Age group
Addis Abat Region

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	-	-	-	-	-
50 - 59	-	-	-	-	-
60 and abc-	-	-	-	-	-
Not stated	-	-	-	-	-
Total	-	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Zone 3

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	-	-	-	-	-
50 - 59	-	-	-	-	-
60 and abc-	-	-	-	-	-
Not stated	-	-	-	-	-
Total	-	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Zone 6

Age group	All				
	Crop Holde	Fertilizer	Improved	☿ Pesticide	Irrigation
Below 18	-	-	-	-	-
18 - 20	-	-	-	-	-
21 - 24	-	-	-	-	-
25 - 29	-	-	-	-	-
30 - 39	-	-	-	-	-
40 - 49	-	-	-	-	-
50 - 59	-	-	-	-	-
60 and abc-	-	-	-	-	-
Not stated	-	-	-	-	-
Total	-	-	-	-	-

Table 2. Holders Applying Inputs by Age group
Dire Dawa Region

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	*
18 - 20		142	-	*
21 - 24	*	-	-	*
25 - 29		329	*	*
30 - 39		1009	*	680
40 - 49		812	*	387
50 - 59		496	*	209
60 and abc		352	-	116
Not stated	-	-	-	-
Total		3358	*	1781

Table 2. Holders Applying Inputs by Age group
Gurgura Zone

All				
Age group	Crop Holde	Fertilizer	Improved ξ Pesticide	Irrigation
Below 18	*	-	-	*
18 - 20		142	-	*
21 - 24	*	-	-	*
25 - 29		329	*	*
30 - 39		1009	*	680
40 - 49		812	*	387
50 - 59		496	*	209
60 and abc		352	-	116
Not stated	-	-	-	-
Total		3358	*	1781

Table 2. Holders Applying Farm management practices
National

Age group	Holders
Below 18	3785
18 - 20	19329
21 - 24	47642
25 - 29	114818
30 - 39	272799
40 - 49	229607
50 - 59	154575
60 and abc	162895
Not stated *	
Total	1005737

Table 2. Holders Applying Farm management practices
Tigray Region

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	1635
30 - 39	8026
40 - 49	7808
50 - 59	8289
60 and abc	4967
Not stated	-
Total	31162

Table 2. Holders Applying Farm management practices
North West Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc	-
Not stated	-
Total	-

Table 2. Holders Applying Farm management practices
Central Tig Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	2175
40 - 49	*
50 - 59	*
60 and abc	1609
Not stated	-
Total	6343

Table 2. Holders Applying Farm management practices
East Tigray Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	*
30 - 39	1086
40 - 49	*
50 - 59	*
60 and abc	1467
Not stated	-
Total	5539

Table 2. Holders Applying Farm management practices
South Tigrè Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	4765
40 - 49	5525
50 - 59	5169
60 and abc	1825
Not stated	-
Total	19215

Table 2. Holders Applying Farm management practices
Western Ti Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Afar Region

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	144
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices

Zone 1		Zone
Age group	Holder	
Below 18	-	
18 - 20	-	
21 - 24	-	
25 - 29	-	
30 - 39	-	
40 - 49	-	
50 - 59	-	
60 and abc	-	
Not stated	-	
Total	-	

Table 2. Holders Applying Farm management practices

Zone 3		Zone
Age group	Holder	
Below 18	-	
18 - 20	-	
21 - 24	*	
25 - 29	*	
30 - 39	*	
40 - 49	*	
50 - 59	*	
60 and abc	144	
Not stated	-	
Total	*	

Table 2. Holders Applying Farm management practices

Amhara		Region
Age group	Holder	
Below 18	-	
18 - 20	1244	
21 - 24	3066	
25 - 29	10594	
30 - 39	34348	
40 - 49	33583	
50 - 59	24757	
60 and abc	28723	
Not stated	-	
Total	136314	

Table 2. Holders Applying Farm management practices
North Gonc Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	*
50 - 59	-
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
South Gonc Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
North Wolc Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	1867
30 - 39	3563
40 - 49	8286
50 - 59	6479
60 and abc	4155
Not stated	-
Total	24350

Table 2. Holders Applying Farm management practices
South Wolk Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	7944
40 - 49	9409
50 - 59	7180
60 and abc	8262
Not stated	-
Total	33831

Table 2. Holders Applying Farm management practices
North Shewa(Amhara) Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	2362
30 - 39	5540
40 - 49	4859
50 - 59	4243
60 and abc	6104
Not stated	-
Total	25011

Table 2. Holders Applying Farm management practices
East Gojan Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	-
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
West Gojar Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Waghamer Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc	-
Not stated	-
Total	-

Table 2. Holders Applying Farm management practices
Agewawie Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	2469
30 - 39	9759
40 - 49	6114
50 - 59	4405
60 and abc	3770
Not stated	-
Total	27388

Table 2. Holders Applying Farm management practices
Oromia Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	488
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Oromia Region

Age group	Holders
Below 18	2746
18 - 20	13265
21 - 24	26562
25 - 29	64524
30 - 39	121832
40 - 49	108895
50 - 59	67417
60 and abc	83863
Not stated	*
Total	489367

Table 2. Holders Applying Farm management practices
West Wele Zone

Age group	Holders
Below 18	*
18 - 20	987
21 - 24	*
25 - 29	5842
30 - 39	12212
40 - 49	8417
50 - 59	4941
60 and abc	7825
Not stated	-
Total	41312

Table 2. Holders Applying Farm management practices
East Weleç Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	815
25 - 29	2232
30 - 39	4928
40 - 49	3409
50 - 59	*
60 and abc	3790
Not stated	-
Total	16853

Table 2. Holders Applying Farm management practices
Illibabor Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	*
40 - 49	*
50 - 59	-
60 and abc	*
Not stated	-
Total	1536

Table 2. Holders Applying Farm management practices
Jimma Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	*
30 - 39	8672
40 - 49	8254
50 - 59	4886
60 and abc	5877
Not stated	-
Total	31919

Table 2. Holders Applying Farm management practices
West Shew Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	1040
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
North Shev Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
East Shewa Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	2782
30 - 39	5230
40 - 49	3813
50 - 59	1381
60 and abc	1906
Not stated	-
Total	19124

Table 2. Holders Applying Farm management practices
Arsi Zone

Age group	Holders
Below 18	*
18 - 20	5604
21 - 24	10897
25 - 29	18111
30 - 39	36419
40 - 49	33823
50 - 59	25090
60 and abc	25509
Not stated	-
Total	156488

Table 2. Holders Applying Farm management practices
West Harer Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	970
25 - 29	4250
30 - 39	10365
40 - 49	11175
50 - 59	4241
60 and abc	2801
Not stated	-
Total	35178

Table 2. Holders Applying Farm management practices
East Harer Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	3905
30 - 39	10083
40 - 49	7344
50 - 59	6243
60 and abc	8260
Not stated	-
Total	37902

Table 2. Holders Applying Farm management practices
Bale Zone

Age group	Holders
Below 18	*
18 - 20	2278
21 - 24	7768
25 - 29	22929
30 - 39	27398
40 - 49	27365
50 - 59	15173
60 and abc	23661
Not stated	*
Total	127154

Table 2. Holders Applying Farm management practices
Borena Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	939
30 - 39	2039
40 - 49	1938
50 - 59	1239
60 and abc	2797
Not stated	-
Total	9737

Table 2. Holders Applying Farm management practices
South Wes Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	*
30 - 39	*
40 - 49	-
50 - 59	-
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Guji Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Somale Region

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	237
25 - 29	*
30 - 39	1646
40 - 49	*
50 - 59	293
60 and abc	442
Not stated	-
Total	4065

Table 2. Holders Applying Farm management practices
Shinele Zone

Age group	Holders
Below 18	-
18 - 20	37
21 - 24	56
25 - 29	131
30 - 39	381
40 - 49	171
50 - 59	126
60 and abc	81
Not stated	-
Total	982

Table 2. Holders Applying Farm management practices
Jijiga Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	-
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Liben Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	100
30 - 39	*
40 - 49	175
50 - 59	*
60 and abc	274
Not stated	-
Total	1151

Table 2. Holders Applying Farm management practices
Benshangul Region

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	358
50 - 59	*
60 and abc	*
Not stated	-
Total	1764

Table 2. Holders Applying Farm management practices
Metekel Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	*
50 - 59	*
60 and abc	-
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Asosa Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Kemeshi Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	*
40 - 49	-
50 - 59	*
60 and abc	-
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
(S.N.N.P.R Region)

Age group	Holders
Below 18	1013
18 - 20	4635
21 - 24	16915
25 - 29	36417
30 - 39	105152
40 - 49	77099
50 - 59	52805
60 and abc	44377
Not stated *	
Total	338436

Table 2. Holders Applying Farm management practices
Gurage Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Hadiya Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	2626
25 - 29	5715
30 - 39	19052
40 - 49	15690
50 - 59	9253
60 and abc	6621
Not stated	-
Total	59532

Table 2. Holders Applying Farm management practices
Kembata Tembaro Zone

Age group	Holders
Below 18	*
18 - 20	771
21 - 24	1416
25 - 29	3684
30 - 39	10835
40 - 49	8023
50 - 59	6937
60 and abc	4037
Not stated	-
Total	35814

Table 2. Holders Applying Farm management practices
Sidama Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	4599
25 - 29	11352
30 - 39	25380
40 - 49	16034
50 - 59	10016
60 and abc	8765
Not stated	-
Total	76949

Table 2. Holders Applying Farm management practices
Gedio Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Wolayita Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	3970
25 - 29	7705
30 - 39	33018
40 - 49	25980
50 - 59	17927
60 and abc	14839
Not stated	-
Total	104789

Table 2. Holders Applying Farm management practices
South Omc Zone

Age group	Holders
Below 18	*
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	-
60 and abc	-
Not stated	-
Total	597

Table 2. Holders Applying Farm management practices
Shaka Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	*
30 - 39	449
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	1655

Table 2. Holders Applying Farm management practices
Kaffa Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	1907
30 - 39	2122
40 - 49	1715
50 - 59	*
60 and abc	2360
Not stated	-
Total	10166

Table 2. Holders Applying Farm management practices
Gamo Gofe Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	1563
25 - 29	1952
30 - 39	5797
40 - 49	3968
50 - 59	3486
60 and abc	4633
Not stated	-
Total	22515

Table 2. Holders Applying Farm management practices
Bench-Maji Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	666
25 - 29	482
30 - 39	962
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	2826

Table 2. Holders Applying Farm management practices
Yem Special Wereda Zone

Age group	Holders
Below 18	*
18 - 20	-
21 - 24	*
25 - 29	*
30 - 39	146
40 - 49	191
50 - 59	*
60 and abc	115
Not stated	*
Total	728

Table 2. Holders Applying Farm management practices
Amaro Special Wereda Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	377
30 - 39	680
40 - 49	*
50 - 59	*
60 and abc	363
Not stated	-
Total	1894

Table 2. Holders Applying Farm management practices
Burji Special Wereda Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	301
30 - 39	516
40 - 49	437
50 - 59	284
60 and abc	256
Not stated	-
Total	1913

Table 2. Holders Applying Farm management practices
Konso Special Wereda Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	587
30 - 39	*
40 - 49	499
50 - 59	515
60 and abc	*
Not stated	-
Total	3580

Table 2. Holders Applying Farm management practices
Derashe Special Wereda Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	*
30 - 39	355
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	975

Table 2. Holders Applying Farm management practices
Dawro Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	*
25 - 29	-
30 - 39	-
40 - 49	*
50 - 59	*
60 and abc	-
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Basketo Special Wereda Zone

Age group	Holders
Below 18	*
18 - 20	-
21 - 24	*
25 - 29	158
30 - 39	247
40 - 49	200
50 - 59	*
60 and abc	66
Not stated	-
Total	800

Table 2. Holders Applying Farm management practices
Konta Special Wereda Zone

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	*
40 - 49	*
50 - 59	-
60 and abc	-
Not stated	-
Total	*

Table 2. Holders Applying Farm management practices
Seltie Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	1063
30 - 39	3012
40 - 49	2518
50 - 59	*
60 and abc	*
Not stated	-
Total	9206

Table 2. Holders Applying Farm management practices
Alaba Special Wereda Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	*
30 - 39	*
40 - 49	*
50 - 59	*
60 and abc	*
Not stated	-
Total	1446

Table 2. Holders Applying Farm management practices
Harari Region

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	204
30 - 39	527
40 - 49	275
50 - 59	151
60 and abc	*
Not stated	-
Total	1249

Table 2. Holders Applying Farm management practices
Hundene Zone

Age group	Holders
Below 18	-
18 - 20	*
21 - 24	*
25 - 29	204
30 - 39	527
40 - 49	275
50 - 59	151
60 and abc	*
Not stated	-
Total	1249

Table 2. Holders Applying Farm management practices
Addis Abat Region

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc-	-
Not stated	-
Total	-

Table 2. Holders Applying Farm management practices
Zone 3

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc-	-
Not stated	-
Total	-

Table 2. Holders Applying Farm management practices
Zone 6

Age group	Holders
Below 18	-
18 - 20	-
21 - 24	-
25 - 29	-
30 - 39	-
40 - 49	-
50 - 59	-
60 and abc-	-
Not stated	-
Total	-

Table 2. Holders Applying Farm management practices
Dire Dawa Region

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	209
30 - 39	729
40 - 49	611
50 - 59	209
60 and abc	116
Not stated	-
Total	2105

Table 2. Holders Applying Farm management practices
Gurgura Zone

Age group	Holders
Below 18	*
18 - 20	*
21 - 24	*
25 - 29	209
30 - 39	729
40 - 49	611
50 - 59	209
60 and abc	116
Not stated	-
Total	2105

Table 1: Number of Holders, Inputs Applied Area and Quantity of Inputs used
National

Crop type	All Fertilize Natural DAP																								
	All crop land Area			Hectare			Quintal			Holder			Hectare			Quintal									
	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV							
All	1125375	58034	5.16	354064	27705	7.82	118763	16699	14.06	1843269	61764	3.35	187849	10858	5.78	500272	40584	8.11	152808	24911	16.3	101223	16062	15.87	
Cereals	922057	52457	5.69	297505	26919	9.05	94868	16209	17.09	1587347	59166	3.73	153645	9935	6.47	369731	36405	9.85	132861	24611	18.52	82008	15670	19.11	
Teff	113066	14634	12.94	22044	4266	19.35	2701	976	36.13	94927	16493	17.37	15200	3505	23.06	24572	6098	24.82	4766	1926	40.4	1924	850	44.17	
Barley	210764	24630	11.69	99203	17138	17.28	41131	9868	23.99	232324	24086	10.37	28489	4244	14.9	16332	29986	18.38	68573	15880	23.16	39659	9832	24.79	
Wheat	110646	23346	21.1	40320	12223	30.54	20745	8695	41.91	62380	11594	18.59	6920	1556	22.48	76051	17954	23.61	32761	12068	36.84	20478	8700	42.48	
Maize	423990	21851	5.15	120540	8206	6.81	28841	5852	20.29	1293497	52989	4.1	90902	6356	6.99	180308	18186	10.09	23202	3364	14.5	18509	2966	16.02	
Sorghum	44114	6436	14.59	10604	2515	23.72	257	177	68.75	54814	7629	13.92	10476	2509	23.95	1142	606	53.05	129	97	75.52	257	177	68.75	
Finger milk	1963	401	20.44	616	180	29.27	-	-	-	101.53	7056	1791	25.39	615	180	29.32	-	-	-	-	-	-	-	-	-
Oats/ Aja'	17348	4567	26.32	4475	1182	26.4	1181	375	31.74	16252	4710	25.81	1045	289	27.68	22248	7126	32.03	3431	1143	33.32	1181	375	31.74	
Rice	167	147	87.94	3	3	100.48	12	12	100.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulse	196488	13849	7.05	56257	3593	6.39	23855	3057	12.81	824940	40086	4.86	33912	2268	6.69	232449	21300	9.16	19937	2421	12.14	19175	2629	13.71	
Horse/Fabi	3658	599	16.36	573	152	26.48	180	125	69.49	29500	6545	22.19	503	135	26.81	1429	617	43.18	60	43	71.22	54	29	53.25	
Field peas	19990	4097	20.5	2348	682	29.06	157	64	40.75	19733	4153	21.05	1449	458	31.6	5673	2529	44.59	893	445	49.85	153	64	41.59	
Haricot bet	147962	12266	8.29	50490	3457	6.85	23355	3021	12.93	778793	39441	5.08	29369	2105	7.17	225145	21145	9.39	18865	2380	12.62	18921	2628	13.89	
Chick peas	10481	1986	18.94	1501	418	27.85	92	85	92.41	13159	3783	28.75	1415	405	28.59	-	-	-	-	-	-	-	-	-	-
Lentiles	11487	2523	21.96	1084	302	27.82	54	32	59.14	9199	2339	25.43	938	282	30.08	1288	768	59.66	115	76	65.8	40	29	71.9	
Vetch/Gras	1427	655	45.89	183	83	45.45	-	-	-	5096	2154	42.26	183	83	45.45	-	-	-	-	-	-	-	-	-	-
Soya bean	11	5	49.25	4	3	77.79	7	7	99.61	255	203	79.71	1	1	69.79	109	109	99.61	3	3	99.61	7	7	99.61	
Fenugreek	1448	584	40.33	72	30	41.7	10	10	100.62	5025	1496	29.76	53	24	44.35	-	-	-	-	-	-	-	-	-	-
Gibto	25	19	79.2	1	1	73.83	-	-	-	322	238	73.92	1	1	73.83	-	-	-	-	-	-	-	-	-	-
Ole seeds	6830	2904	42.51	303	94	30.94	40	33	83.12	13862	3579	25.82	293	93	31.82	639	456	71.32	10	8	79.07	40	33	83.12	
Nung	113	66	58.39	1	1	98.61	-	-	-	105	104	98.61	1	1	98.61	-	-	-	-	-	-	-	-	-	-
Linseed	4897	2835	57.9	39	22	55.68	-	-	-	3339	1631	48.84	39	22	55.68	-	-	-	-	-	-	-	-	-	-
Ground nu	1136	631	55.49	101	60	59.39	-	-	-	2223	1080	48.59	101	60	59.39	-	-	-	-	-	-	-	-	-	-
Safflower	181	54	29.8	43	21	48.56	-	-	-	1978	664	33.59	43	21	48.56	-	-	-	-	-	-	-	-	-	-
Sesame	312	125	40.02	10	9	94.99	-	-	-	288	229	79.32	10	9	94.99	-	-	-	-	-	-	-	-	-	-
Rapeseed	191	89	46.6	108	61	56.86	40	33	83.12	6030	2790	46.26	98	60	61.9	639	456	71.32	10	8	79.07	40	33	83.12	

Table 1 (Cont'd)
National

Crop type	UREA			UREA + D/Indigenous seed			Holder			Hectare			Quintal			Holder			Hectare			Quintal					
	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV			
All	34935	8738	25.01	5768	1932	33.5	7401	3295	44.52	58360	8308	14.24	7639	1502	19.66	10139	2688	26.51	4113316	93127	2.26	110559	57825	5.21	924899	87220	9.43
Cereals	28944	8106	30.08	5012	1627	36.45	5765	3174	54.87	45019	7276	16.16	5987	1369	22.87	7075	2321	32.8	3534793	90707	2.57	907602	52267	5.76	822531	84347	10.25
Teff	7495	5899	78.7	1526	1196	78.37	597	455	78.26	3686	1428	38.73	552	291	52.74	180	81	44.74	392582	37138	9.46	112932	14623	12.95	46927	7155	15.58
Barley	7712	5054	65.54	1052	672	63.92	617	415	67.19	9927	3172	31.95	1090	385	35.31	854	350	41.03	864406	59583	6.89	210507	24616	11.69	370008	49147	13.28
Wheat	1237	711	57.47	339	258	76.05	267	239	89.59	-	-	-	-	-	-	-	-	-	336706	39654	11.48	110330	23333	21.15	197836	46272	22.88
Misc	11633	2406	20.69	2091	976	46.87	4291	3087	71.95	32406	6347	19.58	4346	1285	29.58	6041	2295	37.98	2991120	75462	2.91	410384	21507	5.24	172455	16252	9.42
Sorghum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	163411	14472	8.86	43973	6420	14.6	9954	1259	12.65
Finger mill	24	24	101.53	1	1	101.53	-	-	101.53	-	-	-	-	-	-	-	-	-	18880	3361	17.8	1962	401	20.46	475	108	22.77
Cass/ Aji	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112740	19053	16.9	17348	4567	26.32	25524	6303	24.69
Rice	322	323	100.48	3	3	100.48	12	12	100.48	-	-	-	-	-	-	-	-	-	926	543	58.64	167	147	87.94	353	330	93.71
Pulse	11680	3059	26.2	756	267	35.31	1616	708	43.8	25172	4535	18.02	1652	366	22.16	3063	1073	35.04	2085815	66350	3.18	196127	13837	7.06	99953	7773	7.78
Horah/Fabr	14	14	97.89	-	-	97.89	-	-	97.89	261	244	93.41	10	9	94.9	126	122	96.43	90471	11123	12.3	3656	599	16.37	2757	537	19.49
Field peas	294	291	98.94	5	5	98.94	3	3	98.94	-	-	-	-	-	-	-	-	-	148744	21614	14.53	19984	4097	20.5	20656	4444	21.51
Haricot bee	11385	3047	26.77	694	251	36.23	1592	705	44.28	24234	4419	18.23	1562	358	22.9	2842	979	34.46	1821684	60975	3.35	147625	12254	8.3	60666	5189	8.55
Chick peas	350	346	98.9	32	31	98.9	14	14	98.9	-	-	-	-	-	-	-	-	-	75749	13375	17.66	10464	1985	18.97	6502	1580	24.29
Lentils	350	346	98.9	32	31	98.9	14	14	98.9	-	-	-	-	-	-	-	-	-	97226	17098	17.59	11487	2523	21.96	7218	1616	22.39
Vetch/Gras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22409	5154	23	1427	655	45.89	1282	549	42.84
Soya bean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	814	349	42.9	11	5	49.25	6	4	62.87
Fenugreek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25293	5201	20.56	1448	584	40.33	854	439	51.38
Gibo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	917	441	48.06	25	19	79.2	12	11	91.99
Oil seeds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59398	9343	15.73	6930	2904	42.52	2415	1268	52.5
Nuab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1369	662	48.34	113	66	58.39	37	33	90.18
Linseed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27543	7437	27	4897	2835	57.9	1978	1261	63.77
Ground nut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10549	3711	35.18	1136	631	55.52	281	136	48.43
Safflower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6989	1529	21.88	181	54	29.8	25	8	30.96
Sesame	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3468	1108	31.94	312	125	40.02	43	17	38.06
Rapeseed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10204	3853	37.76	191	89	46.6	51	34	66.14

Table 1 (Cont'd)
National

Crop type	Improved seed			Pesticide			Irrigation			Extension package																		
	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	Holder	Hectare	CV	
	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	
All	84979	11703	13.77	14816	2549	17.21	5042	805	15.96	277644	35909	12.93	147746	27683	18.74	287538	27669	9.62	42530	5808	13.66	189077	26923	14.24	77643	19401	24.99	
Cereals	80436	11507	14.31	14455	2537	17.55	4867	799	16.35	269412	35810	13.29	140720	27659	18.85	260511	26633	10.22	36611	5066	13.76	157516	25017	15.88	72970	15312	25.47	
Teff	903	487	53.92	134	101	75.04	49	40	80.08	73360	15031	20.32	30884	7143	23.13	12003	5168	43.05	1472	645	43.8	16334	7671	45.3	4705	2194	46.64	
Barley	1905	905	47.52	257	177	69.09	395	284	71.98	155057	30208	19.48	61580	14530	23.6	30102	6644	22.07	3238	839	25.92	63435	20133	31.74	30281	11602	38.31	
Wheat	3308	2422	73.22	316	201	63.7	479	307	64.17	96605	21353	22.1	44823	16019	35.74	6488	2093	32.26	427	192	44.83	41158	12882	31.3	24844	10973	44.17	
Misc	74009	11206	15.14	13606	2519	18.52	3931	683	17.37	16940	3554	18.76	4056	1412	34.82	222091	25319	11.4	30767	4910	15.96	73953	11525	15.78	13001	2517	19.38	
Sorghum	783	421	53.82	141	110	78.38	33	27	80.92	1393	963	69.13	612	533	86.99	3365	1768	52.54	613	285	46.51	885	541	61.1	139	100	72.43	
Finger mill	24	24	101.53	1	1	101.53	-	-	-	144	110	76.55	73	70	94.81	251	227	90.47	3	2	74.85	-	-	-	-	-	-	
Oats/Ajaj	-	-	-	-	-	-	-	-	-	29864	9299	31.04	4547	1482	32.59	5254	2226	42.37	287	142	49.56	-	-	-	-	-	-	
Rice	-	-	-	-	-	-	-	-	-	358	360	100.6	145	146	100.6	322	323	100.48	3	3	100.48	-	-	-	-	-	-	
Pulse	5611	1415	25.23	361	131	36.28	155	58	37.4	13154	2799	21.28	1024	319	31.18	62290	10904	17.5	5356	1696	31.67	59885	11225	18.74	4665	1100	23.58	
HorseFabr	33	33	101.66	2	2	101.66	1	1	101.66	-	-	-	-	-	-	3241	2378	73.37	241	227	94.37	-	-	-	-	-	-	
Field peas	183	183	100.13	6	6	100.13	9	9	100.13	1608	1135	70.61	96	82	85.83	1225	512	41.76	35	18	50.51	126	125	99.59	3	3	99.59	
Haricot bee	5301	1400	26.41	337	130	38.57	137	57	41.24	10087	2386	23.65	754	293	38.85	37088	8990	24.24	1676	492	29.33	58239	11159	19.16	4463	1089	24.4	
Chick peas	94	93	98.83	17	16	98.83	7	7	98.83	-	-	-	-	-	-	8068	3340	41.4	1308	784	59.91	350	346	98.9	24	24	98.9	
Lentils	-	-	-	-	-	-	-	-	-	1117	703	62.92	156	91	58.19	6890	2121	30.83	743	287	38.59	1870	671	46.59	175	86	45.4	
Vetch/Gras	-	-	-	-	-	-	-	-	-	343	343	99.99	18	18	99.99	6177	2821	45.68	812	634	78.08	-	-	-	-	-	-	
Soya bean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8614	2865	33.26	542	213	39.35	-	-	-	-	-	-	
Fenugreek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gilbo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	277	274	99.22	-	-	-	-	-	-	-	-	-	-
Oil seeds	296	296	99.92	-	-	99.92	-	-	99.92	60	66	108.89	2	2	108.89	1700	1063	62.5	363	345	95.07	269	268	99.54	8	8	99.54	
Nusj	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1270	1033	81.32	346	344	99.44	-	-	-	-	-	-	
Ground nut	296	296	99.92	-	-	99.92	-	-	99.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-	60	66	108.89	2	2	108.89	-	-	-	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131	111	84.69	15	15	97.65	-	-	-	
Rapeseed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	299	227	76.01	1	1	72.52	269	268	99.54	8	8	99.54	

Table 2. Holders Applying Inputs by Educational Status
National

Educational Status of H	Crop Holde Fertilizer			Improved C Pesticide			Irrigation								
	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV	Estimate	SE	CV
Illiterate	2700516	68189	2.53	304832	26053	8.55	39212	6484	16.54	161384	21661	13.42	186490	18674	10.01
Literate	237945	15364	6.46	26901	4489	16.69	2541	839	33.02	20688	4429	21.41	32214	4520	14.03
Grades 1 -	455826	16837	3.69	69092	6829	9.88	10140	1845	18.19	34397	5848	17	24107	4072	16.89
Grades 4 -	469867	17949	3.82	104836	9234	8.81	15202	2610	17.17	36673	6171	16.83	27329	4009	14.67
Grades 7 -	168724	9074	5.38	46281	5173	11.18	10746	2097	19.52	14890	2994	20.11	12470	2675	21.45
Grades 9 -	62185	5036	8.1	17787	3004	16.89	3511	885	25.22	7327	2316	31.6	3382	1099	32.5
Grade 12 c	26190	2918	11.14	9317	2049	21.99	3299	1245	37.75	2267	900	39.71	1546	817	52.86
Above grac	6327	1351	21.35	1252	540	43.17	326	240	73.54	17	17	97.93	-	-	-
Total	4127579	93281	2.26	580296	42086	7.25	84979	11703	13.77	277644	35909	12.93	287538	27669	9.62

