

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AUTHORITY

*AGRICULTURAL SAMPLE SURVEY
1994/95 (1987 E.C.)*

REPORT ON

**AREA AND PRODUCTION OF
BELG SEASON CROPS**

FOR

1993/94 AND 1994/95 (1986 AND 1987 E.C.)
(Private Peasant Holdings)

VOLUME V

*Addis Ababa
January, 1996*

141

STATISTICAL BULLETIN

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AGRICULTURAL CROPS
(1981/82)

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WET SEASON CROPS

FOR

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(Ethiopian Calendar 1981/82)

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REPORT ON
AREA AND PRODUCTION OF MAJOR BELG SEASON CROPS

I. INTRODUCTION

Ethiopia's economy is predominantly agrarian and the majority of the population in the country is engaged in agriculture. In this respect, the collection of reliable, comprehensive and timely statistical information on agriculture is very essential. The information is expected to be used for the formulation of agricultural policy.

The Central Statistical Authority (CSA) has been conducting Agricultural Sample Surveys on annual basis since 1980/81 (1973 E.C.) to provide the statistical data mentioned above. The survey was interrupted in 1992/93 and 1993/94 because during these two years the CSA was fully engaged in undertaking the preparatory activities for the 1994 Population and Housing Census. However, right after undertaking the 1994 Population and Housing Census, the annual agricultural survey was resumed in November 1994.

This report which is Volume V presents the objectives of the survey; coverage and content of the survey; sample design; field organization; training of field staff; method of data collection; and survey results on area, production and yield of major belg season crops.

This report presents results on area and production of belg season crops which is obtained from the 1994/95 agricultural sample survey. In this survey two sets of belg season data were collected i.e. one for 1993/94 (1986 E.C.) and the other for 1994/95 (1987 E.C.). (For details of survey questionnaires and survey coverage the reader can refer to the appendices of Volume I of the same survey which is "Report on Area and Production of Major Crops; private holdings, Main Season, Addis Ababa, June 1995."

The report contains the following three sections

1. Total area and Production of major crops (Meher and Belg) in 1986 E.C. and 1987 E.C.
2. Results of 1986 E.C. Belg season area and production by region and crop.
3. Results of 1987 E.C. belg season area and production by region and crop.

In these sections the results on belg season crop production are presented at the Country, Regional and Zonal levels.

II. OBJECTIVES OF THE SURVEY.

The general objective of the agricultural sample survey was to collect basic quantitative information on the country's agriculture that are considered essential for development planning and socio-economic policy formulation.

In particular, the objectives of the survey were to estimate the total cultivated land; total production and yield of major crops per hectare (main and belg season); area under different land uses; quantity and cost of agricultural inputs by type (main and belg season) ; number of livestock and poultry by type, purpose, sex and age; number of beehives in the private peasant holdings at country, regional and zonal levels.

III. COVERAGE AND CONTENT.

The 1994/95 (1987 E.C) agricultural sample survey was designed to cover sedentary rural agricultural population in all regions of the country except Somali Region. However, Addis Ababa, Benshangul, Afar regions, Wag Hamra, East Gojam, Guraghe zones, Amaro and Burji weredas did not report belg crops for both 1994 and 1995 belg seasons and Harari for 1994 and Gardula for 1995. A total of 52 zones and 441 weredas were covered in the survey. The areal coverage of the survey is given in the following table.

AREAL COVERAGE OF THE 1994/95 AGRICULTURAL SAMPLE SURVEY

REGION	NUMBER OF ZONES			NUMBER OF WEREDAS		
	TOTAL	COVERED IN THE SURVEY	NOT COVERED IN THE SURVEY	TOTAL	COVERED IN THE SURVEY	NOT COVERED IN THE SURVEY
TIGRAY ¹	5	4	1	71	32	39
AFAR ²	5	2	3	27	3	24
AMHARA	10	10	-	127	111	16
OROMIA	12	12	-	222	196	26
SOMALIE ³	9	-	9	45	-	45
BENSHANGUL	3	3	-	16	5	11
S.N.N.P.R	16	16	-	94	83	11
GAMBELA	1	1	-	7	4	3
HARARI	1	1	-	1	1	-
A. ABABA ⁴	6	2	4	5	5	-
DIRE DAWA	1	1	-	1	1	-
TOTAL	69	52	17	616	441	175

Note

S.N.N.P.R = Southern Nations, Nationalities and peoples region

- 1 - In Tigray Region, four out of five zones have rural settled population. In the remaining one zone the entire population is urban residents.
- 2 - When the sampled EAs were drawn they fall in three zones. But, during the field work, in one out of these three zones, the sampled EAs were found to be nomadic areas.
- 3 - During the field work some of the sampled EAs in the region were found to be nomadic areas. For those EAs where the population is sedentary, Somalie speaking enumerators were not available in the area and hiring translators was impossible because of the high cost associated with it.
- 4 - Addis Ababa has a total of six zones, however, only two zones have rural settled population. In the remaining four zones the entire population is urban residents.

Moreover, for the survey 960 enumeration areas were selected to be covered in all regions. 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 consists of 150 - 200 households. However, during the data collection stage the survey succeeded to cover only 884 enumeration areas (EAs). For details see appendix II of volume I. Furthermore, from each of the selected EAs a sample of 25 agricultural households were taken.

From these households, 15 of the households were taken for the information on area under crops, production of major crops (temporary or annual), land utilization, agricultural practices, crop damage, quantity and price of agricultural inputs used. In addition, it was attempted for the first time to collect information on the yield of permanent crops per tree, frequency of harvests in the crop year and number of yielding trees during the survey year with the exception of livestock, poultry, beehives and belg season information which was based on all 25 households (For details refer to survey questionnaire in Appendix I of Volume I).

IV. SAMPLE DESIGN AND METHODOLOGY .

The reporting levels for the 1994/95 survey were zones in Amhara, Oromia and Southern Nations Nationalities and Peoples Regions and region for the remaining regions. The five special weredas of Southern Nations Nationalities and Peoples Region were considered as an independent zone each.

In this survey, 960 rural enumeration areas (EAs) were sampled in 11 regions. These sample EAs were allocated to the regions taking into account their relative sizes with respect to the number of households.

A two-stage stratified sample design was used for sample selection. In Amhara, Oromia and Southern Nations Nationalities

and Peoples Regions strata were zones and regions for the remaining regions. The primary sampling units in all strata were EAs and the ultimate sampling units were agricultural households.

In Oromia, Amhara and Southern Nations Nationalities and Peoples Regions the share of each region were reallocated to the zones in the region proportional to the sizes, size being the total number of households as obtained from the listing operation in the 1994 Population and Housing Census map work.

In each stratum (zone/region) the primary sampling units (EAs) were selected with probability proportional to size without replacement, again size being the total number of household of the EA as obtained from the census map work.

From each selected EA a sample of 25 agricultural households were selected using systematic sampling technique from the identified agricultural households in the listing form (Form 1) of the 1994 Population and Housing Census. All holders in the selected agricultural households were covered by the survey.

V. FIELD ORGANIZATION.

CSA branch statistical office heads, field supervisors and enumerators were fully involved in the survey. Hence, 15 statistical branch office heads, about 200 field supervisors, each supervising 5 enumerators in most cases and about 1000 enumerators stationed in each of the selected EAs, experts from head office, other support staff and about 40 drivers were involved in the operation.

VI. TRAINING OF FIELD STAFF.

At the outset all relevant materials, like equipment, questionnaires and instruction manuals were prepared. Then the training program for the field staff was carried out in two stages.

In the first stage, about 90 trainees, i.e. experts from the head office, branch statistical office heads and some of the field supervisors were given training for two weeks at the head office. Those trained in the first stage conducted similar training for about 200 field supervisors and about 1000 enumerators in all the branch offices all over the country. During the training, the field staff were given detailed class room instruction on the purpose of the survey, concept and definitions of terms used, method of area measurement, method of crop cutting, interviewing procedures,... etc. The training sessions included thorough field practices with regard to data collection.

VII. METHOD OF DATA COLLECTION.

Information on agricultural practices(use of fertilizer, use of pesticide, use of improved seed and use of irrigation), area and production of major belg season crops were collected subjectively by interviewing the holders in the sampled households.

There are two well known crop production seasons in Ethiopia Meher (Main) and belg seasons . According to generally accepted definitions, Meher season refers to long rainy season, which normally occurs from June to September. While "Belg season" refers to small rainy season, which normally occurs from February to May. In most cases during Belg period long maturing crops are planted and their harvest can extend to December or January. Most of the time, short maturing crops are planted during Belg period and are harvested in June or July.

However, due to the heterogeneity of belg practices in different parts of the country and the overlapping nature of sowing time for some meher season crops the reports on belg season crops in the past faced problem of identification. Hence, in order to report the two seasons crops separately and also not to overlook or miss agricultural practices performed all the year round, either through irrigation, use of soil moisture from dried swampy or marshy

areas the following definition has been adopted 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 as main (meher) season crops.

However, in the 1994/95 agricultural sample survey two sets of belg season data were collected in the following months.

- a. Information on belg season crops for 1993/94 were collected in the month of September, 1994.
- b. While information on belg season crops for 1994/95 were collected in the month of April, 1995.

This report, consists of results on area, production and yield of major belg season crops for the year 1993/94(1986 E.C) and 1994/95 (1987 E.C). The data collection on area, production and agricultural practices of belg season crops were collected using interview method. The reported data on local units were converted in to equivalent metric units using the conversion factors of local units at wereda level prepared by CSA and the data were processed by computer.

VIII SUMMARY OF SURVEY RESULTS

1. Meher and Belg seasons results.

In this report estimates of area and production of major meher and belg season crops for 1993/94 (1986 E.C) and 1994/95 (1987 E.C) for private peasant holdings are presented. The results are given at the country, regional and zonal levels. Discussion on some of the major survey findings are presented below.

The total area and production of major crops in both seasons, were estimated to be 7.20 and 7.71 million hectares with 57.42 and

FIG 1. ESTIMATES OF TOTAL AREA UNDER MAJOR CROPS FOR
PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BOTH SEASONS
1993/94(1986 E.C)

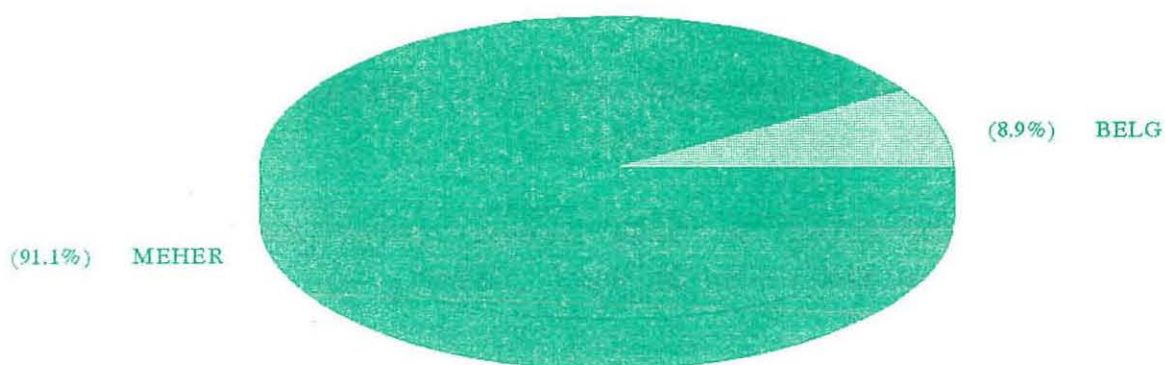
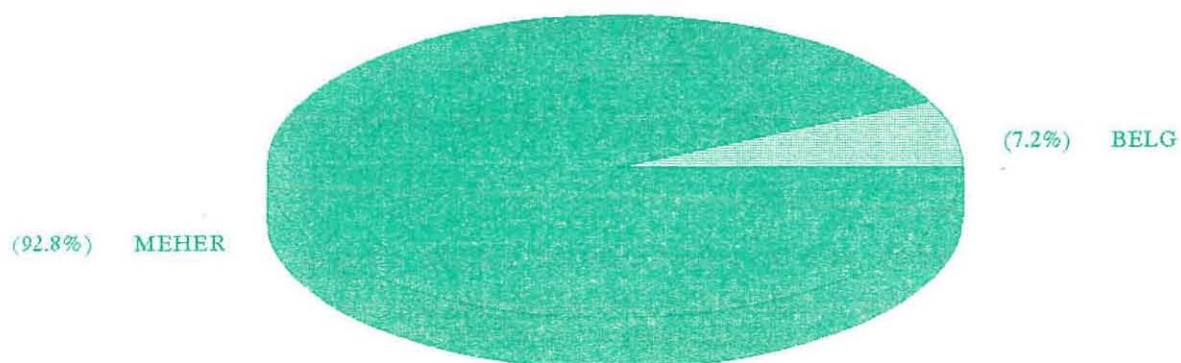


FIG 2. ESTIMATES OF TOTAL PRODUCTION OF MAJOR CROPS FOR
PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BOTH SEASONS
1993/94 (1986 E.C)



74.99 million quintals in 1993/94 (1986 E.C) and 1994/95 (1987 E.C) crop production years respectively.

Moreover, Out of the above mentioned totals 6.56 (91.1%) and 6.96 (90.3 %) million hectares with 53.31 (92.8 %) and 70.42 (93.9 %) million quintals were the contribution of meher seasons. The rest 0.64 (8.9 %) and 0.75 (9.7 %) million hectares with the production of 4.11 (7.2 %) and 4.57 (6.1 %) million quintals were the share of belg season in 1993/94 (1986 E.C) and 1994/95 (1987 E.C), respectively (For the details see fig 1, 2, 3 and 4).

Out of the total output of major crops (both meher and belg seasons) of 1993/94 (1986 E.C), area under cereals accounted for 5.32 million hectares (73.89 %) with a production of 51.41 million quintals (89.53 %). About 1.64 million hectares (22.78 %) with a production of 5.18 million quintals (9.02 %) is accounted for pulses, and 0.242 million hectares (3.36 %) with a production of 0.83 million quintals (1.45 %) is accounted for other crops (mainly oilseeds).

On the other hand, in 1994/95 (1987 E.C), the highest proportion i.e. about 6.45 million hectares (83.66 %) with a production of 65.89 million quintals (87.87 %) was estimated for cereals. The estimated area under pulses was about 0.92 million hectares (11.93 %) with 7.92 million quintals (10.56 %) of production. While area under the other crops (mainly oilseeds) was about 0.35 million hectares (4.54 %) with a production of 1.17 million quintals (1.56 %) for total output of major crops in both seasons (for details see summary Tables A and B in section 1.).

FIG 3. ESTIMATES OF TOTAL AREA UNDER MAJOR CROPS FOR
PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BOTH SEASONS
1994/95(1987 E.C)

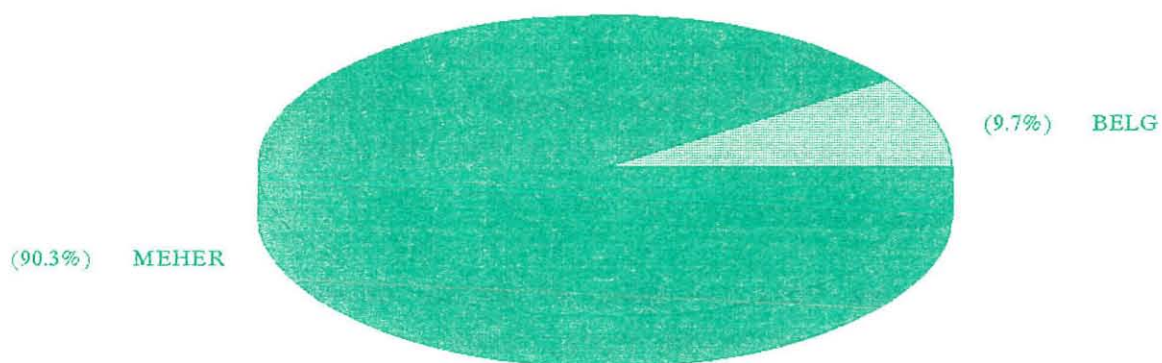
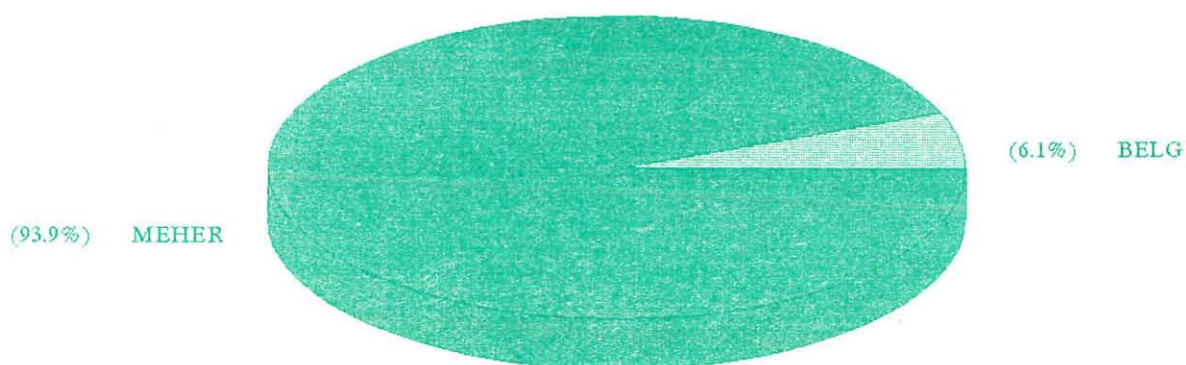


FIG 4. ESTIMATES OF TOTAL PRODUCTION OF MAJOR CROPS FOR
PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BOTH SEASONS
1994/95 (1987 E.C)



SECTION – 1– TOTAL AREA AND PRODUCTION (Meher and Belg)
1993/94(1986 E.C.) & 1994/95(1987 E.C.)

**SUMMARY TABLE A. TOTAL AREA AND PRODUCTION OF MAJOR CROPS
 FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA,
 BOTH SEASONS, 1993/94 (1986 E.C)***

TYPE OF CROP	AREA IN MILLION HACTARES					
	MEHER	%	BELG	%	BOTH	%
CEREALS	4.71	71.80	0.61	95.31	5.32	73.89
PULSES	1.61	24.54	0.03	4.69	1.64	22.78
OTHERS	0.24	3.66	0.002	0.31	0.242	3.36
TOTAL	6.56	100.00	0.64	100.00	7.20	100.00

TYPE OF CROP	PRODUCTION IN MILLION QUINTALS					
	MEHER	%	BELG	%	BOTH	%
CEREALS	47.40	88.91	4.01	97.57	51.41	89.53
PULSES	5.09	9.55	0.09	2.19	5.18	9.02
OTHERS	0.82	1.54	0.01	0.24	0.83	1.45
TOTAL	53.31	100.00	4.11	100.00	57.42	100.00

**SUMMARY TABLE B. TOTAL AREA AND PRODUCTION OF MAJOR CROPS
 FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA,
 BOTH SEASONS, 1994/95 (1987 E.C)**

TYPE OF CROP	AREA IN MILLION HACTARES					
	MEHER	%	BELG	%	BOTH	%
CEREALS	5.75	82.61	0.70	93.33	6.45	83.66
PULSES	0.88	12.64	0.04	5.33	0.92	11.93
OTHERS	0.34	4.89	0.01	1.33	0.35	4.54
TOTAL	6.96	100.00	0.75	100.00	7.71	100.00

TYPE OF CROP	PRODUCTION IN MILLION QUINTALS					
	MEHER	%	BELG	%	BOTH	%
CEREALS	61.54	87.39	4.35	95.19	65.89	87.87
PULSES	7.72	10.96	0.20	4.38	7.92	10.56
OTHERS	1.15	1.63	0.02	0.44	1.17	1.56
TOTAL	70.42	100.00	4.57	100.00	74.99	100.00

* Estimated area and production of 1993/94(1986 E.C) meher season was not based on CSA survey result, it was estimated using ratio of CSA and MOA data. Hence, users may use the data with caution.

SUMMARY TABLE C. TOTAL AREA AND PRODUCTION AND PERCENT CHANGES OF MAJOR CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BOTH SEASONS, 1993/94 (1986 E.C) AND 1994/95 (1987 E.C)

TYPE OF CROP	BOTH SEASONS					
	AREA IN MILLION HACTARES			PRODUCTION IN MILLION QUINTALS		
	1993/94 * (1986 E.C)	1994/95 (1987 E.C)	% CHANGE	1993/94 * (1986 E.C)	1994/95 (1987 E.C)	% CHANGE
CEREALS	5.32	6.45	21.24	51.41	65.89	28.17
PULSES	1.64	0.92	-43.90	5.18	7.92	52.90
OTHERS	0.242	0.35	44.63	0.83	1.17	40.96
TOTAL	7.20	7.71	7.08	57.42	74.99	30.60
TYPE OF CROP	BELG SEASON					
	AREA IN MILLION HACTARES			PRODUCTION IN MILLION QUINTALS		
	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE
CEREALS	0.61	0.70	14.75	4.01	4.35	8.48
PULSES	0.03	0.04	33.33	0.09	0.20	122.22
OTHERS	0.002	0.01	200.00	0.01	0.02	100.00
TOTAL	0.64	0.75	17.19	4.11	4.57	11.19

* Estimated area and production of 1993/94(1986 E.C) meher season was not based on CSA survey result, it was estimated using ratio of CSA and MOA data. Hence, users may use the data with caution.

2. Comparison of 1993/94 and 1994/95 of Both Seasons and Belg Season Crops, Area and Production of Major Crops.

Comparison of the total area and production of 1993/94 (1986 E.C) and 1994/95 (1987 E.C) was made for for both seasons and belg season separately, and are presented in summary Table C. The 1994/95(1987 E.C) both seasons' total output of the major crops, have increased by 7.08 % in area and by 30.60 % in production than that of last year's estimate. The increase ranges from 21.24 % for cereals to 44.63 % for other crops (mainly oilseeds) in area and from 28.17 % for cereals to 52.90 % for pulses in production. However, a reduction in area by -43.90 % was reported for pulses compared to that of 1993/94(1986 E.C.).

The 1994/95(1987 E.C.) total area for major belg season crops have increased by 17.19 % and by 11.19 % for production compared to last year's estimate (for details refer summary Table C in section 1.).

Comparison of the total area and production of 1993/94 (1986 E.C) and 1994/95 (1987 E.C) was made for belg reporting regions, and is presented in table 1. In almost all regions area under major belg season crops have increased when compared to that of last year's estimate.

Despite the over all increase of the production of major belg season crops in 1994/95(1987 E.C), from slight to sever reduction of production was reported for Oromia, S.N.N.P, Gambela and Dire Dawa regions. The decrease in production in these regions ranges from -69.41 % to -1.32 % (for details see Table 1 in section 1.).

TABLE 1. ESTIMATE OF TOTAL AREA, PRODUCTION AND PERCENT CHANGES
OF BELG SEASON CROPS IN 1993/94 (1986 E.C.) AND 1994/95 (1987 E.C.)
FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA

REGION	AREA (000'HA)			PRODUCTION (000'QT)		
	1993/94 (1986 E.C.)	1994/95 (1987 E.C.)	% CHANGE	1993/94 (1986 E.C.)	1994/95 (1987 E.C.)	% CHANGE
TIGRAY	6.68	28.51	**	0.40	102.46	**
AFAR	—	—	—	—	—	—
AMHARA	105.70	140.76	33.17	601.75	1215.32	101.96
OROMIA	325.44	307.41	-5.54	2291.68	2047.24	-10.67
BENSHANGUL	—	—	—	—	—	—
S.N.N.P.R	198.64	271.41	36.63	1194.32	1178.52	-1.32
GAMBELA	1.06	1.57	48.11	23.53	20.19	-14.19
HARARI	—	0.15	—	—	1.13	—
ADDISABABA	—	—	—	—	—	—
DIRE DAWA	0.24	0.19	-19.00	0.85	0.26	-69.41
TOTAL	637.76	750.00	17.60	4112.53	4565.12	11.01

** The calculation of the % change for Tigray region is not considered appropriate this is due to the fact that the metric equivalents used for converting the reported local units (area and production) for 1993/94 (1986 E.C.) were under estimated

TABLE 2. ESTIMATE OF TOTAL AREA, PRODUCTION AND PERCENT CHANGES
FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, BY ZONE

ZONE	AREA (000'HA)			PRODUCTION (000'QT)		
	1993/94 (1986 E.C.)	1994/95 (1987 E.C.)	% CHANGE	1993/94 (1986 E.C.)	1994/95 (1987 E.C.)	% CHANGE
AGEWAWI	0.51	0.13	-74.59	1.10	1.62	46.90
EAST GOJAM	—	—	—	—	—	—
WEST GOJAM	3.19	2.70	-15.40	7.33	42.87	484.86
NORTH GONDER	4.60	7.60	65.22	24.36	33.99	39.54
SOUTH GONDER	3.94	6.55	66.24	10.61	51.75	387.78
NORTH SHIEWA	18.00	22.25	23.61	46.32	206.24	345.25
OROMIA	8.49	9.30	9.54	16.67	23.76	42.51
WAG-HAMRA	—	—	—	—	—	—
NORTH WOLLO	21.07	35.23	67.20	170.50	345.71	102.76
SOUTH WOLLO	45.90	57.00	24.18	324.86	509.38	56.80
TOTAL	105.70	140.76	33.17	601.75	1215.32	101.96

— Not Reported

3. Results of 1993/94 (1986 E.C) and 1994/95 (1987 E.C.) Belg Season crops

3.1 Results of 1993/94 (1986 E.C) Belg Season crops

As mentioned earlier in this section, the share of belg cereal crops was significant in 1993/94 belg season cultivated area as well as in production. However, there are variations in the proportion of area and production. For instance the highest area and production were reported for maize and barley, followed by teff, sorghum and wheat.

Moreover, the area under the above five mentioned belg season crops accounts for 93.53% (689.48 thousand hectares) of the total area with 95.67 % (4263.17 thousand quintals) of the total production of major belg season crops for 1993/94 (1986 E.C) (For the details see Tables 5 and Fig. 5 in section 2.).

3.2 Results of 1994/95 (1987 E.C) Belg Season crops

Similarly, the share of belg cereal crops was significant in 1994/95 belg season cultivated area as well as in production. However, there are variations in the proportion of area and production. For instance the highest area and production were reported for maize and barley, followed by teff, sorghum and wheat.

Further more, the area under the above five mentioned belg season crops accounts for 91.91 % (596.51 thousand hectares) of the total area with 93.39 % (3934.49 thousand quintals) of the total production of major belg season crops for 1994/95 (1987 E.C) (For the details see Table 14. and Fig. 9 in section 3.).

TABLE 3. ESTIMATE OF TOTAL AREA, PRODUCTION AND PERCENT CHANGES OF BELG SEASON CROPS IN 1993/94 (1986 E.C) AND 1994/95 (1987 E.C) FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BY ZONE

ZONE	AREA (000'HA)			PRODUCTION (000'QT)		
	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE
ARSI	30.93	56.50	82.67	172.19	516.77	200.12
BALE	67.14	69.99	4.24	309.17	385.91	24.82
BORENA	47.73	57.32	20.09	669.05	287.34	-57.05
EAST HARARGHE	20.26	37.33	84.25	108.57	85.17	-21.55
WEST HARARGHE	19.15	18.61	-2.82	162.87	179.16	10.00
ILLUBABOR	11.96	5.02	-58.03	47.26	32.45	-31.34
JIMA	53.83	15.90	-70.46	223.34	118.21	-47.07
EAST SHEWA	1.57	2.88	83.44	14.52	20.41	40.56
NORTH SHEWA	16.31	2.53	-84.49	63.99	23.65	-63.04
WEST SHEWA	21.78	4.54	-79.16	260.63	35.58	-86.35
EAST WELLEGA	13.18	6.29	-52.28	78.21	122.00	55.99
WEST WELLEGA	21.60	30.50	41.20	181.88	240.59	32.28
TOTAL	325.44	307.41	-5.54	2291.68	2047.24	-10.67

TABLE 4. ESTIMATE OF TOTAL AREA, PRODUCTION AND PERCENT CHANGES OF BELG SEASON CROPS IN 1993/94 (1986 E.C) AND 1994/95 (1987 E.C) FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY ZONE

ZONE	AREA (000'HA)			PRODUCTION (000'QT)		
	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE	1993/94 (1986 E.C)	1994/95 (1987 E.C)	% CHANGE
BENCH	8.16	7.16	-12.25	24.15	40.23	66.58
GEDIO	0.73	0.41	-43.78	6.64	5.15	-22.44
GURAGE	-	-	-	-	-	-
HADIYA	3.25	4.27	31.38	14.91	18.31	22.80
KEMBATA	2.80	1.39	-50.36	29.22	13.64	-53.32
KEFCHO	18.95	13.93	-26.49	57.34	110.10	92.01
MAJI	1.68	2.36	40.48	11.15	19.35	73.54
NORTH OMO	133.59	204.90	53.38	733.89	613.23	-16.44
SOUTH OMO	8.85	14.78	67.01	46.90	126.04	168.74
SHEKICHO	3.47	6.52	87.93	51.05	53.71	5.21
SIDAMA	8.31	8.53	2.65	130.39	124.43	-4.57
AMARO WEREDA*	-	-	-	-	-	-
BURJI WEREDA*	-	-	-	-	-	-
GARDULA WEREDA*	3.47	-	-	67.98	-	-
KONSO WEREDA*	4.98	6.94	39.36	18.53	52.67	184.24
YEM WEREDA*	0.40	0.22	-45.00	2.17	1.66	-23.50
TOTAL	198.64	271.41	36.64	1194.32	1178.52	-1.32

* Special Wereda

- Not Reported

FIG 5. ESTIMATES OF TOTAL AREA UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1993/94(1986 E.C)

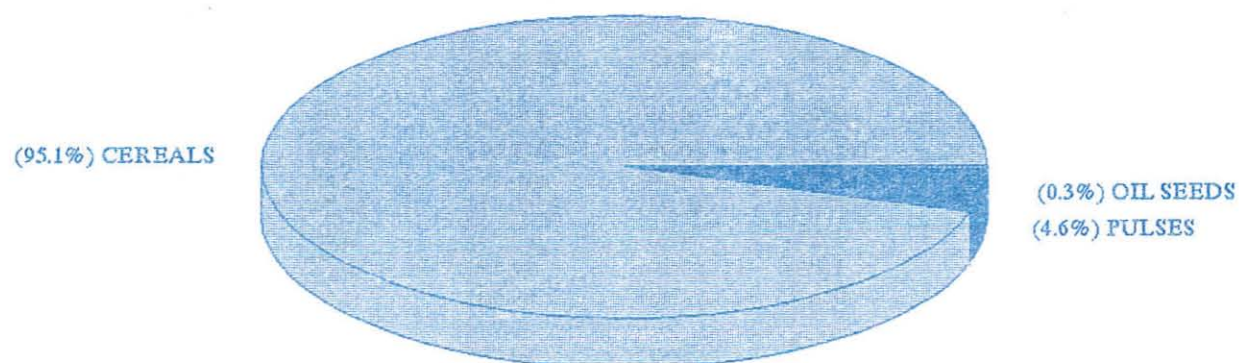
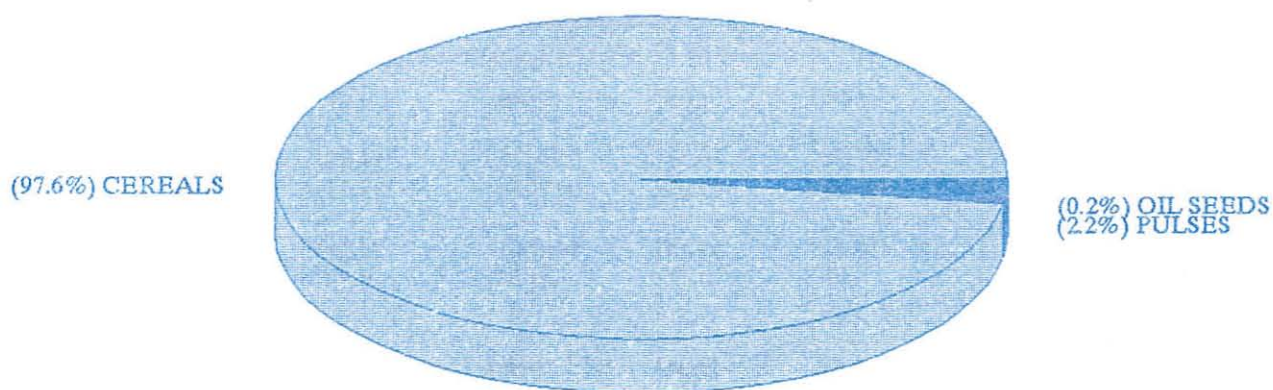


FIG 6. ESTIMATES OF TOTAL PRODUCTION UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1993/94(1986 E.C)



SECTION-2- ESTIMATES OF AREA AND PRODUCTION OF MAJOR BELG SEASON CROPS FOR PRIVATE HOLDINGS IN ETHIOPIA, 1993/94(1986 E.C.)

TABLE 5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	606.90	95.16	4015.28	97.64	6.62
TEFF	40.79	6.40	178.22	4.33	4.37
BARLEY	192.46	30.18	1211.66	29.46	6.30
WHEAT	26.77	4.20	110.15	2.68	4.11
MAIZE	305.22	47.86	2250.92	54.73	7.37
SORGHUM	31.27	4.90	183.54	4.46	5.87
MILLET	1.29	0.20	11.49	0.28	8.91
OATS	9.10	1.43	69.30	1.69	7.62
PULSES	28.95	4.54	90.66	2.20	3.13
HORSE BEANS	2.62	0.41	11.07	0.27	4.23
FIELD PEAS	4.39	0.69	21.42	0.52	4.88
HARICOT BEANS	19.27	3.02	53.05	1.29	2.75
CHICK PEAS	1.74	0.27	2.44	0.06	1.40
LENTILS	0.73	0.11	2.34	0.06	3.21
VETCH	0.20	0.03	0.34	0.01	1.70
OTHERS	1.91	0.30	6.59	0.16	3.45
NEUG	—	—	—	—	—
LINSEED	1.71	0.27	5.26	0.13	3.08
FENUGREEK	0.20	0.03	1.33	0.03	6.65
RAPE SEED	—	—	—	—	—
ALL CROPS	637.76	100.00	4112.53	100.00	6.45

TABLE 6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA BY REGION.

REGION	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
TIGRAY	6.68	1.05	0.40	0.01	0.06
AFAR	—	—	—	—	—
AMHARA	105.70	16.57	601.75	14.63	5.69
OROMIA	325.44	51.03	2291.68	55.72	7.04
BENSHANGUL	—	—	—	—	—
S.N.N.P.R	198.64	31.15	1194.32	29.04	6.01
GAMBELA	1.06	0.17	23.53	0.57	22.20
HARARI	—	—	—	—	—
ADDISABABA	—	—	—	—	—
DIRE DAWA	0.24	0.04	0.85	0.02	3.54
TOTAL	637.76	100.00	4112.53	100.00	6.45

— Not Reported

FIG 7. ESTIMATES OF TOTAL AREA AND PRODUCTION UNDER SELECTED BELG CEREALS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1993/94 (1986 E.C)

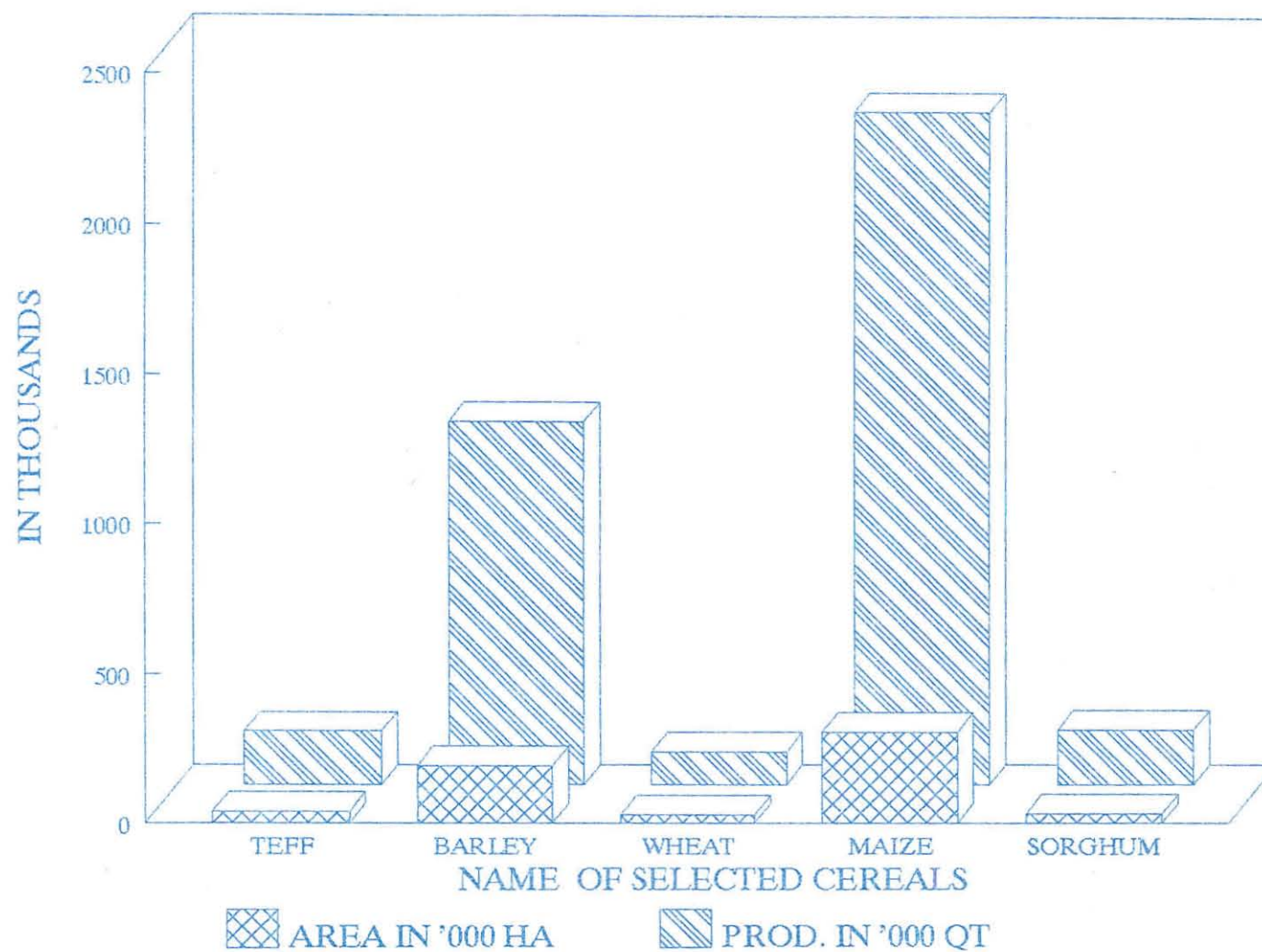


TABLE 7 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1993/94 (1986 E.C.) FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BY REGION.

REGION	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
TIGRAY	1532.81	6.68	0.43	3761.59	0.40	0.01
AFAR	0.11	—	—	0.33	—	—
AMHARA	2003.66	105.70	5.01	18553.19	601.75	3.14
OROMIA	2346.29	325.44	12.18	21831.24	2291.68	9.50
BENSHANGUL	—	—	—	—	—	—
S.N.N.P.R	645.64	198.64	23.53	8886.56	1194.32	11.85
GAMBELA	—	1.06	100.00	—	23.53	100.00
HARARI	9.06	—	—	41.05	—	—
ADDISABABA	20.87	—	—	220.90	—	—
DIRIE DAWA	2.74	0.24	8.05	18.70	0.85	4.35
TOTAL	6561.18	637.76	8.86	53313.56	4112.53	7.16

TABLE 8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN TIGRAY REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	6.68	100.00	0.40	100.00	0.06
TEFF	0.50	7.49	0.40	100.00	0.80
BARLEY	3.35	50.15	0.00	0.00	0.00
WHEAT	—	—	—	—	—
MAIZE	2.48	37.13	0.00	0.00	0.00
SORGHUM	0.35	5.24	0.00	0.00	0.00
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	6.68	100.00	0.40	100.00	0.06

— Not Reported

FIG 8. ESTIMATES OF TOTAL AREA AND PRODUCTION UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BY REGION, 1993/94 (1986 E.C)

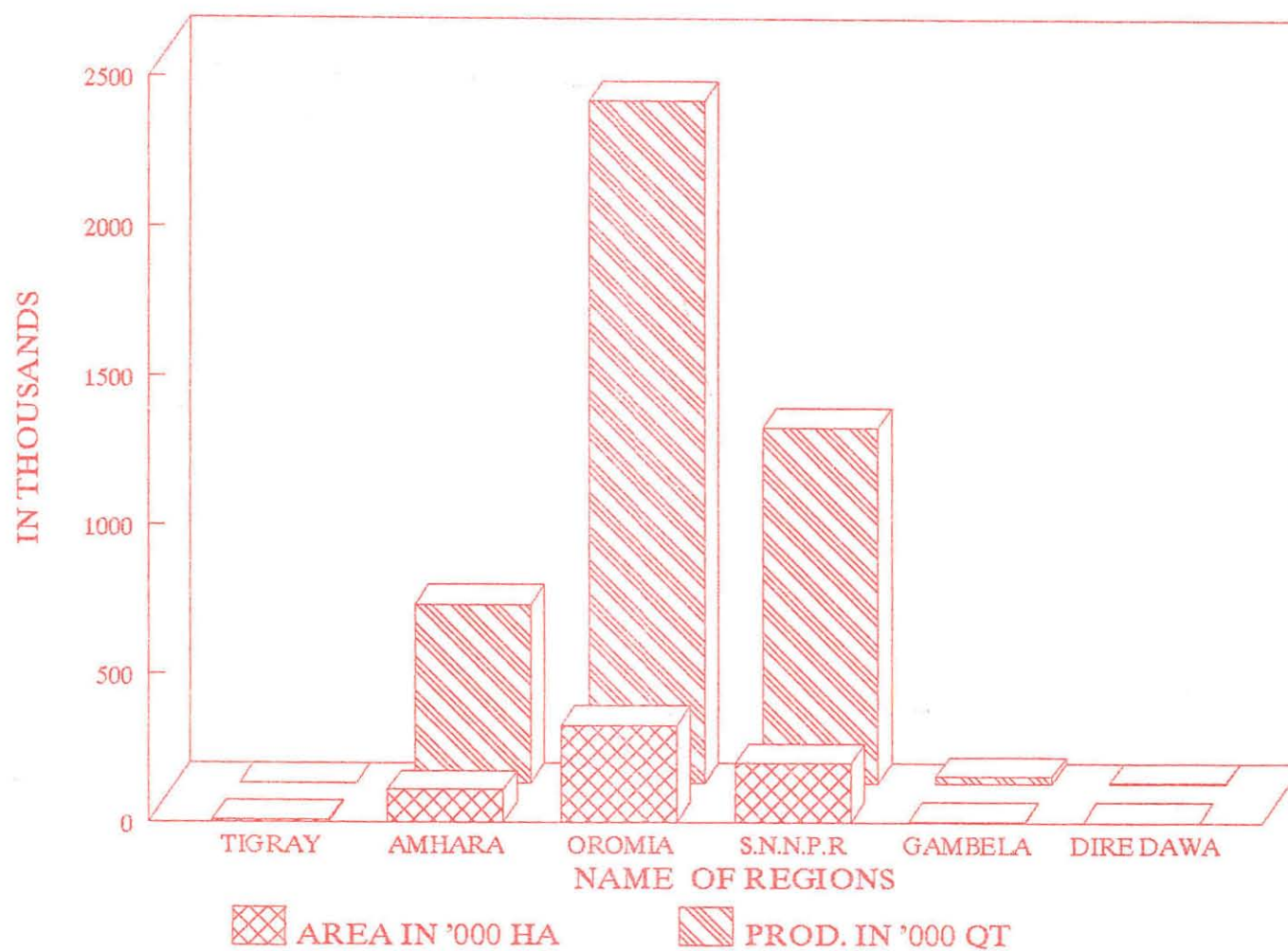


TABLE 9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	102.19	96.68	588.91	97.87	5.76
TEFF	9.14	8.65	32.52	5.40	3.56
BARLEY	78.13	73.92	466.61	77.54	5.97
WHEAT	4.59	4.34	12.94	2.15	2.82
MAIZE	6.04	5.71	53.83	8.95	8.91
SORGHUM	1.49	1.41	7.52	1.25	5.05
MILLET	0.40	0.38	1.04	0.17	2.60
OATS	2.40	2.27	14.45	2.40	6.02
PULSES	3.46	3.27	12.71	2.11	3.67
HORSE BEANS	—	—	—	—	—
FIELD PEAS	1.84	1.74	9.58	1.59	5.21
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	1.38	1.31	2.09	0.35	1.51
LENTILS	0.10	0.09	0.77	0.13	7.70
VETCH	0.14	0.13	0.27	0.04	1.93
OTHERS	0.05	0.05	0.13	0.02	2.60
NEUG	—	—	—	—	—
LINSEED	0.04	0.04	0.09	0.01	2.25
FENUGREEK	0.01	0.01	0.04	0.01	4.00
RAPE SEED	—	—	—	—	—
ALL CROPS	105.70	100.00	601.75	100.00	5.69

TABLE 9.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
AGEWAWI	0.51	0.48	1.10	0.18	2.16
EAST GOJAM	—	—	—	—	—
WEST GOJAM	3.19	3.02	7.33	1.22	2.30
NORTH GONDER	4.60	4.35	24.36	4.05	5.30
SOUTH GONDER	3.94	3.73	10.61	1.76	2.69
NORTH SHEWA	18.00	17.03	46.32	7.70	2.57
OROMIA	8.49	8.03	16.67	2.77	1.96
WAG-HAMRA	—	—	—	—	—
NORTH WOLLO	21.07	19.93	170.50	28.33	0.93
SOUTH WOLLO	45.90	43.42	324.86	53.99	7.08
TOTAL	105.70	100.00	601.75	100.00	2.24

— Not Reported

TABLE 9.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1993/94 (1986 E.C.) FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, BY ZONE.

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
AGEWAWI	—	0.51	—	—	1.10	—
EAST GOJAM	444.96	—	—	4476.42	—	—
WEST GOJAM	522.76	3.19	0.61	4725.94	7.33	0.15
NORTH GONDER	217.8	4.60	2.07	1917.08	24.36	1.25
SOUTH GONDER	239.77	3.94	1.62	2046.78	10.61	0.52
NORTH SHEWA	251.63	18.00	6.68	1936.94	46.32	2.34
OROMIA	—	8.49	—	—	16.67	—
WAG-HAMRA	—	—	—	—	—	—
NORTH WOLLO	88.89	21.07	19.16	604.72	170.50	21.99
SOUTH WOLLO	238.01	45.90	16.17	2845.32	324.86	10.25
TOTAL	2003.82	105.70	5.01	18553.20	601.75	3.14

TABLE 9.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, AGEWAWI ZONE

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.51	100.00	1.10	100.00	2.16
TEFF	—	—	—	—	—
BARLEY	0.51	100.00	1.10	100.00	2.16
WHEAT	—	—	—	—	—
MAIZE	—	—	—	—	—
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	0.51	100.00	1.10	100.00	0.06

— Not Reported

TABLE 9.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, WEST GOJAM ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	3.19	100.00	7.33	100.00	2.30
TEFF	—	—	—	—	—
BARLEY	1.40	43.89	4.09	55.80	2.92
WHEAT	—	—	—	—	—
MAIZE	1.79	56.11	3.24	44.20	1.81
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	3.19	100.00	7.33	100.00	2.30

TABLE 9.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH GONDER ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	4.60	100.00	24.36	100.00	5.30
TEFF	—	—	—	—	—
BARLEY	4.37	95.00	23.68	97.21	5.42
WHEAT	—	—	—	—	—
MAIZE	0.23	5.00	0.68	2.79	2.96
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	4.60	100.00	24.36	100.00	5.30

— Not Reported

TABLE 9.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, SOUTH GONDER ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	3.94	100.00	10.61	100.00	2.69
TEFF	0.48	12.18	3.43	32.33	7.15
BARLEY	2.93	74.37	4.24	39.96	1.45
WHEAT	—	—	—	—	—
MAIZE	0.53	13.45	2.94	27.71	5.55
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	3.94	100.00	10.61	100.00	2.69

TABLE 9.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	17.38	96.56	45.02	97.19	2.59
TEFF	0.76	4.22	2.58	5.57	3.39
BARLEY	15.07	83.72	30.34	65.50	2.01
WHEAT	0.12	0.67	0.00	0.00	0.00
MAIZE	1.37	7.61	11.71	25.28	8.55
SORGHUM	0.06	0.33	0.39	0.84	6.50
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.62	3.44	1.30	2.81	2.10
HORSE BEANS	—	—	—	—	—
FIELD PEAS	0.50	2.78	0.48	1.04	0.96
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	—	—	—	—	—
LENTILS	0.08	0.44	0.74	1.60	9.25
VETCH	0.04	0.22	0.08	0.17	2.00
ALL CROPS	18.00	100.00	46.32	100.00	2.57

— Not Reported

TABLE 9.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, OROMIA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	8.18	96.35	16.44	98.62	2.01
TEFF	4.65	54.77	2.07	12.42	0.45
BARLEY	1.55	18.26	3.02	18.12	1.95
WHEAT	0.67	7.89	2.85	17.10	4.25
MAIZE	0.35	4.12	0.62	3.72	1.77
SORGHUM	0.53	6.24	4.75	28.49	8.96
MILLET	0.09	1.06	0.35	2.10	3.89
OATS	0.34	4.00	2.78	16.68	8.18
PULSES	0.31	3.65	0.23	1.38	0.74
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.31	3.65	0.23	1.38	0.74
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	8.49	100.00	16.67	100.00	1.96

TABLE 9.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH WOLLO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	20.17	95.73	169.21	99.24	0.92
TEFF	0.91	4.32	11.18	6.56	12.29
BARLEY	16.47	78.17	120.43	70.63	0.67
WHEAT	0.11	0.52	0.52	0.30	4.73
MAIZE	1.77	8.40	34.64	20.32	19.57
SORGHUM	0.90	4.27	2.38	1.40	2.64
MILLET	—	—	—	—	—
OATS	0.01	0.05	0.06	0.04	6.00
PULSES	0.90	4.27	1.29	0.76	1.43
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.88	4.18	1.26	0.74	1.43
LENTILS	0.02	0.09	0.03	0.02	1.50
VETCH	—	—	—	—	—
ALL CROPS	21.07	100.00	170.50	100.00	8.09

— Not Reported

TABLE 9.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, SOUTH WOLLO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	44.22	96.34	314.84	96.92	7.12
TEFF	2.34	5.10	13.26	4.08	5.67
BARLEY	35.83	78.06	279.71	86.10	7.81
WHEAT	3.69	8.04	9.57	2.95	2.59
MAIZE	—	—	—	—	—
SORGHUM	—	—	—	—	—
MILLET	0.31	0.68	0.69	0.21	2.23
OATS	2.05	4.47	11.61	3.57	5.66
PULSES	1.63	3.55	9.89	3.04	6.07
HORSE BEANS	—	—	—	—	—
FIELD PEAS	1.34	2.92	9.10	2.80	6.79
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.19	0.41	0.60	0.18	3.16
LENTILS	—	—	—	—	—
VETCH	0.10	0.22	0.19	0.06	1.90
OTHERS	0.05	1.09	0.13	0.53	2.60
NEUG	—	—	—	—	—
LINSEED	0.04	0.09	0.09	0.03	2.25
FENUGREEK	0.01	0.02	0.04	0.01	4.00
RAPE SEED	—	—	—	—	—
ALL CROPS	45.90	100.00	324.86	100.00	7.08

— Not Reported

TABLE 10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	312.12	95.91	2227.04	97.18	7.14
TEFF	21.72	6.67	118.75	5.18	5.47
BARLEY	99.37	30.53	707.36	30.87	7.12
WHEAT	22.16	6.81	96.98	4.23	4.38
MAIZE	145.67	44.76	1161.90	50.70	7.98
SORGHUM	16.51	5.07	87.32	3.81	5.29
MILLET	—	—	—	—	—
OATS	6.69	2.06	54.73	2.39	8.18
PULSES	11.46	3.52	58.18	2.54	5.08
HORSE BEANS	0.63	0.19	7.26	0.32	11.52
FIELD PEAS	2.30	0.71	11.24	0.49	4.89
HARICOT BEANS	7.54	2.32	37.76	1.65	5.01
CHICK PEAS	0.36	0.11	0.35	0.02	0.97
LENTILS	0.63	0.19	1.57	0.07	2.49
VETCH	—	—	—	—	—
OTHERS	1.86	0.57	6.46	0.28	3.47
NEUG	—	—	—	—	—
LINSEED	1.67	0.51	5.17	0.23	3.10
FENUGREEK	0.19	0.06	1.29	0.06	6.79
RAPE SEED	—	—	—	—	—
ALL CROPS	325.44	100.00	2291.68	100.00	7.04

TABLE 10.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
ARSI	30.93	9.50	172.19	7.51	5.57
BALE	67.14	20.63	309.17	13.49	4.60
BORENA	47.73	14.67	669.05	29.19	14.02
EAST HARARGHE	20.26	6.23	108.57	4.74	5.36
WEST HARARGHE	19.15	5.88	162.87	7.11	8.50
ILLUBABOR	11.96	3.68	47.26	2.06	3.95
JIMA	53.83	16.54	223.34	9.75	4.15
EAST SHEWA	1.57	0.48	14.52	0.63	9.25
NORTH SHEWA	16.31	5.01	63.99	2.79	3.92
WEST SHEWA	21.78	6.69	260.63	11.37	11.97
EAST WELLEGA	13.18	4.05	78.21	3.41	5.93
WEST WELLEGA	21.60	6.64	181.88	7.94	8.42
TOTAL	325.44	100.00	2291.68	100.00	7.04

— Not Reported

TABLE 10.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1993/94(1986 E.C) FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BY ZONE.

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
ARSI	364.11	30.93	7.83	5586.84	172.19	2.99
BALE	184.00	67.14	26.73	1127.67	309.17	21.52
BORENA	24.22	47.73	66.34	464.13	669.05	59.04
EAST HARARGHE	101.07	20.26	16.70	711.94	108.57	13.23
WEST HARARGHE	169.33	19.15	10.16	1773.66	162.87	8.41
ILLUBABOR	391.41	11.96	2.97	4088.34	47.26	1.14
JIMA	75.29	53.83	41.69	1009.13	223.34	18.12
EAST SHEWA	168.67	1.57	0.92	1529.59	14.52	0.94
NORTH SHEWA	133.45	16.31	10.89	1077.24	63.99	5.61
WEST SHEWA	445.14	21.78	4.66	3336.69	260.63	7.25
EAST WELLEGA	289.62	13.18	4.35	1123.28	78.21	6.51
WEST WELLEGA	—	21.60	—	—	181.88	—
TOTAL	2346.31	325.44	12.18	21828.51	2291.68	9.50

TABLE 10.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, ARSI ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	29.57	95.60	164.42	95.49	5.56
TEFF	—	—	—	—	—
BARLEY	25.75	83.25	136.12	79.05	5.29
WHEAT	0.33	1.07	1.68	0.98	5.09
MAIZE	3.06	9.89	23.97	13.92	7.83
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.43	1.39	2.65	1.54	6.16
PULSES	1.36	4.40	7.77	4.51	5.71
HORSE BEANS	—	—	—	—	—
FIELD PEAS	1.26	4.07	7.26	4.22	5.76
HARICOT BEANS	0.10	0.32	0.51	0.30	5.10
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	30.93	100.00	172.19	100.00	5.57

— Not Reported

TABLE 10.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION
AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR
PRIVATE PEASANT HOLDINGS IN OROMIA REGION,
BALE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	64.55	96.14	300.57	97.22	4.66
TEFF	8.76	13.05	20.26	6.55	2.31
BARLEY	14.32	21.33	119.53	38.66	8.35
WHEAT	15.19	22.62	69.90	22.61	4.60
MAIZE	13.26	19.75	41.94	13.57	3.16
SORGHUM	8.31	12.38	1.79	0.58	0.22
MILLET	—	—	—	—	—
OATS	4.71	7.02	47.15	15.25	10.01
PULSES	0.94	1.40	4.30	1.39	4.57
HORSE BEANS	0.17	0.25	1.70	0.55	10.00
FIELD PEAS	0.62	0.92	2.16	0.70	3.48
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.10	0.15	0.29	0.09	2.90
LENTILS	0.05	0.07	0.15	0.05	3.00
VETCH	—	—	—	—	—
OTHERS	1.65	35.87	4.30	17.65	2.61
NEUG	—	—	—	—	—
LINSEED	1.46	2.17	3.01	0.97	2.06
FENUGREEK	0.19	0.28	1.29	0.42	6.79
RAPE SEED	—	—	—	—	—
ALL CROPS	67.14	100.00	309.17	100.00	4.60

— Not Reported

TABLE 10.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BORENA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	43.97	91.57	656.26	98.09	14.93
TEFF	4.79	10.74	40.19	6.01	8.39
BARLEY	2.02	4.53	4.75	0.71	2.35
WHEAT	4.68	10.49	10.68	1.60	2.28
MAIZE	27.46	61.56	536.45	80.18	19.54
SORGHUM	5.02	4.26	64.19	9.59	12.79
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	3.76	8.43	12.79	1.91	3.40
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	3.50	7.85	12.73	1.90	3.64
CHICK PEAS	0.26	0.58	0.06	0.01	0.23
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	47.73	100.00	669.05	100.00	14.02

TABLE 10.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST HARARGHE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	19.83	97.88	105.75	97.40	5.33
TEFF	0.25	1.23	1.81	1.67	7.24
BARLEY	10.06	49.65	38.40	35.37	3.82
WHEAT	1.39	6.86	9.42	8.68	6.78
MAIZE	6.29	31.05	46.82	43.12	7.44
SORGHUM	0.76	3.75	6.01	5.54	7.91
MILLET	—	—	—	—	—
OATS	1.08	5.33	3.29	3.03	3.05
PULSES	0.43	2.12	2.82	2.60	6.56
HORSE BEANS	0.10	0.49	1.06	0.98	10.60
FIELD PEAS	0.08	0.39	0.59	0.54	7.38
HARICOT BEANS	0.25	1.23	1.17	1.08	4.68
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
TOTAL	20.26	100.00	108.57	100.00	5.36

— Not Reported

TABLE 10.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST HARARGHE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	18.42	96.19	154.41	94.81	8.38
TEFF	0.07	0.37	1.06	0.65	15.14
BARLEY	3.45	18.02	31.83	19.54	9.23
WHEAT	0.40	2.09	5.30	3.25	13.25
MAIZE	14.24	74.36	114.09	70.05	8.01
SORGHUM	0.19	0.99	1.42	0.87	7.47
MILLET	—	—	—	—	—
OATS	0.07	0.37	0.71	0.44	10.14
PULSES	0.52	2.72	6.30	3.87	12.12
HORSE BEANS	0.14	0.73	2.83	1.74	20.21
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.24	1.25	2.05	1.26	8.54
CHICK PEAS	—	—	—	—	—
LENTILS	0.14	0.73	1.42	0.87	10.14
VETCH	—	—	—	—	—
OTHERS	0.21	4.57	2.16	8.87	10.29
NEUG	—	—	—	—	—
LINSEED	0.21	1.10	2.16	1.33	10.29
FENUGREEK	—	—	—	—	—
RAPE SEED	—	—	—	—	—
ALL CROPS	19.15	100.00	162.87	100.00	8.50

— Not Reported

TABLE 10.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, ILLUBABOR ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	11.84	99.00	46.74	98.90	3.95
TEFF	1.68	14.05	13.60	28.78	8.10
BARLEY	0.13	1.09	0.67	1.42	5.15
WHEAT	—	—	—	—	—
MAIZE	9.63	80.52	29.70	62.84	3.08
SORGHUM	0.40	3.34	2.77	5.86	6.93
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.12	1.00	0.52	1.10	4.33
HORSE BEANS	0.10	0.84	0.49	1.04	4.90
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.02	0.17	0.03	0.06	1.50
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	11.96	100.00	47.26	100.00	3.95

TABLE 10.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, JIMA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	52.94	98.35	210.20	94.12	3.97
TEFF	4.69	8.71	30.27	13.55	6.45
BARLEY	5.60	10.40	48.06	21.52	8.58
WHEAT	—	—	—	—	—
MAIZE	40.75	75.70	123.24	55.18	3.02
SORGHUM	1.55	2.88	7.70	3.45	4.97
MILLET	—	—	—	—	—
OATS	0.35	0.65	0.93	0.42	2.66
PULSES	0.89	1.65	13.14	5.88	14.76
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.89	1.65	13.14	5.88	14.76
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	53.83	100.00	223.34	100.00	4.15

— Not Reported

TABLE 10.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	1.48	94.27	12.64	87.05	8.54
TEFF	1.02	64.97	7.43	51.17	7.28
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.18	11.46	1.77	12.19	9.83
SORGHUM	0.28	17.83	3.44	23.69	12.29
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.09	5.73	1.88	12.95	20.89
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.09	5.73	1.88	12.95	20.89
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	1.57	100.00	14.52	100.00	9.25

TABLE 10.11 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, NORTH SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	15.53	95.22	62.76	98.08	4.04
TEFF	—	—	—	—	—
BARLEY	14.38	88.17	55.97	87.47	3.89
WHEAT	0.17	1.04	0.00	0.00	0.00
MAIZE	0.93	5.70	6.79	10.61	7.30
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.05	0.31	0.00	0.00	0.00
PULSES	0.78	4.78	1.23	1.92	1.58
HORSE BEANS	—	—	—	—	—
FIELD PEAS	0.34	2.08	1.23	1.92	3.62
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	—	—	—	—	—
LENTILS	0.44	2.70	0.00	0.00	0.00
VETCH	—	—	—	—	—
ALL CROPS	16.31	100.00	63.99	100.00	3.92

— Not Reported

TABLE 10.12 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	21.78	100.00	260.63	100.00	11.97
TEFF	—	—	—	—	—
BARLEY	18.53	85.08	238.83	91.64	12.89
WHEAT	—	—	—	—	—
MAIZE	3.25	14.92	21.80	8.36	6.71
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	21.78	100.00	260.63	100.00	11.97

TABLE 10.13 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST WELLEGA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	13.18	100.00	78.21	100.00	5.93
TEFF	0.28	2.12	3.50	4.48	12.50
BARLEY	2.20	16.69	20.56	26.29	9.35
WHEAT	—	—	—	—	—
MAIZE	10.70	81.18	54.15	69.24	5.06
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	13.18	100.00	78.21	100.00	5.93

— Not Reported

TABLE 10.14 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST WELLEGA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	19.03	88.10	174.45	95.91	9.17
TEFF	0.18	0.83	0.63	0.35	3.50
BARLEY	2.93	13.56	12.64	6.95	4.31
WHEAT	—	—	—	—	—
MAIZE	15.92	73.70	161.18	88.62	10.12
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	2.57	11.90	7.43	4.09	2.89
HORSE BEANS	0.12	0.56	1.18	0.65	9.83
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	2.45	11.34	6.25	3.44	2.55
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	21.60	100.00	181.88	100.00	8.42

TABLE 11 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	184.61	92.94	1174.55	98.34	6.36
TEFF	9.43	4.75	26.55	2.22	2.82
BARLEY	11.61	5.84	37.69	3.16	3.25
WHEAT	0.02	0.01	0.23	0.02	11.50
MAIZE	150.41	75.72	1021.21	85.51	6.79
SORGHUM	12.62	6.35	81.17	6.80	6.43
MILLET	0.51	0.26	7.58	0.63	14.86
OATS	0.01	0.01	0.12	0.01	12.00
PULSES	14.03	7.06	19.77	1.66	1.41
HORSE BEANS	1.99	1.00	3.81	0.32	1.91
FIELD PEAS	0.25	0.13	0.60	0.05	2.40
HARICOT BEANS	11.73	5.91	15.29	1.28	1.30
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	0.06	0.03	0.07	0.01	1.17
ALL CROPS	198.64	100.00	1194.32	100.00	6.01

— Not Reported

TABLE 11.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
BENCH	8.16	4.11	24.15	2.02	2.96
GEDIO	0.73	0.37	6.64	0.56	9.10
GURAGE	—	—	—	—	—
HADIYA	3.25	1.64	14.91	1.25	4.59
KEMBATA	2.80	1.41	29.22	2.45	10.44
KEFICHO	18.95	9.54	57.34	4.80	3.03
MAJI	1.68	0.85	11.15	0.93	6.64
NORTH OMO	133.59	67.25	733.89	61.45	5.49
SOUTH OMO	8.85	4.46	46.90	3.93	5.30
SHEKICHO	3.47	1.75	51.05	4.27	14.71
SIDAMA	8.31	4.18	130.39	10.92	15.69
AMARO WEREDA *	—	—	—	—	—
BURJI WEREDA *	—	—	—	—	—
GARDULA WEREDA *	3.47	1.75	67.98	5.69	19.59
KONSO WEREDA *	4.98	2.51	18.53	1.55	3.72
YEM WEREDA *	0.40	0.20	2.17	0.18	5.43
TOTAL	198.64	100.00	1194.32	100.00	6.01

TABLE 11.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1993/94(1986 E.C) FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY ZONE.

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
BENCH	5.37	8.16	60.31	86.43	24.15	21.84
GEDIO	26.04	0.73	2.73	1493.82	6.64	0.44
GURAGE	1.11	—	—	302.70	—	—
HADIYA	187.48	3.25	1.70	3225.14	14.91	0.46
KEMBATA	54.36	2.80	4.90	2550.19	29.22	1.13
KEFICHO	25.57	18.95	42.57	76.19	57.34	42.94
MAJI	—	1.68	—	—	11.15	—
NORTH OMO	142.30	133.59	48.42	519.33	733.89	58.56
SOUTH OMO	12.80	8.85	40.88	74.13	46.90	38.75
SHEKICHO	5.37	3.47	39.25	9.48	51.05	84.34
SIDAMA	25.45	8.31	24.61	314.13	130.39	29.33
AMARO WEREDA *	—	—	—	—	—	—
BURJI WEREDA *	6.14	—	—	16.07	—	—
GARDULA WEREDA *	—	3.47	—	—	67.98	—
KONSO WEREDA *	0.00	4.98	100.00	5.07	18.53	78.52
YEM WEREDA *	1.13	0.40	26.14	13.90	2.17	13.50
TOTAL	493.12	198.64	28.72	8686.58	1194.32	12.09

* Special Wereda
— Not Reported

TABLE 11.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BENCH ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	7.67	94.00	23.97	99.25	3.13
TEFF	0.54	6.62	0.40	1.66	0.74
BARLEY	0.61	7.48	1.95	8.07	3.20
WHEAT	—	—	—	—	—
MAIZE	6.52	79.90	21.62	89.52	3.32
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.49	6.00	0.18	0.75	0.37
HORSE BEANS	0.49	6.00	0.18	0.75	0.37
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	8.16	100.00	24.15	100.00	2.96

TABLE 11.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, GEDIO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.73	100.00	6.64	100.00	9.10
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.72	98.63	6.52	98.19	9.06
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.01	1.37	0.12	1.81	12.00
ALL CROPS	0.73	100.00	6.64	100.00	9.10

— Not Reported

TABLE 11.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, HADIYA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.69	82.77	13.49	90.48	5.01
TEFF	0.67	20.62	0.93	6.24	1.39
BARLEY	1.63	50.15	11.73	78.67	7.20
WHEAT	—	—	—	—	—
MAIZE	0.39	12.00	0.83	5.57	2.13
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.56	17.23	1.42	9.52	2.54
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.56	17.23	1.42	9.52	2.54
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	3.25	100.00	14.91	100.00	4.59

TABLE 11.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, KEMBATA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.80	100.00	29.22	100.00	10.44
TEFF	—	—	—	—	—
BARLEY	0.05	1.79	0.00	0.00	0.00
WHEAT	—	—	—	—	—
MAIZE	2.75	98.21	29.22	100.00	10.63
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	2.80	100.00	29.22	100.00	10.44

— Not Reported

TABLE 11.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, KEFICHO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	17.38	91.72	54.57	95.17	3.14
TEFF	3.53	18.63	15.86	27.66	4.49
BARLEY	2.31	12.19	2.35	4.10	1.02
WHEAT	—	—	—	—	—
MAIZE	11.52	60.79	36.29	63.29	3.15
SORGHUM	—	—	—	—	—
MILLET	0.02	0.11	0.07	0.12	3.50
OATS	—	—	—	—	—
PULSES	1.57	8.28	2.77	4.83	1.76
HORSE BEANS	1.31	6.91	2.58	4.50	1.97
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.26	1.37	0.19	0.33	0.73
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	18.95	100.00	57.34	100.00	3.03

TABLE 11.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, MAJI ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	1.62	96.43	10.58	94.89	6.53
TEFF	0.12	7.14	1.39	12.47	11.58
BARLEY	0.31	18.45	0.40	3.59	1.29
WHEAT	—	—	—	—	—
MAIZE	1.19	70.83	8.79	78.83	7.39
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.06	3.57	0.57	5.11	9.50
HORSE BEANS	0.03	1.79	0.23	2.06	7.67
FIELD PEAS	0.02	1.19	0.21	1.88	10.50
HARICOT BEANS	0.01	0.60	0.13	1.17	13.00
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	1.68	100.00	11.15	100.00	6.64

— Not Reported

TABLE 11.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, NORTH OMO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	123.32	92.31	726.60	99.01	5.89
TEFF	3.21	2.40	3.32	0.45	1.03
BARLEY	6.04	4.52	17.10	2.33	2.83
WHEAT	—	—	—	—	—
MAIZE	109.64	82.07	704.28	95.97	6.42
SORGHUM	4.43	3.32	1.90	0.26	0.43
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	10.27	7.69	7.29	0.99	0.71
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	10.21	7.64	7.22	0.98	0.71
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	0.06	0.04	0.07	0.01	1.17
ALL CROPS	133.59	100.00	733.89	100.00	5.49

TABLE 11.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SOUTH OMO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	8.69	98.19	46.71	99.59	5.38
TEFF	—	—	—	—	—
BARLEY	0.24	2.71	1.12	2.39	4.67
WHEAT	—	—	—	—	—
MAIZE	5.20	58.76	29.52	62.94	5.68
SORGHUM	3.04	34.35	15.21	32.43	5.00
MILLET	0.21	2.37	0.86	1.83	4.10
OATS	—	—	—	—	—
PULSES	0.16	1.81	0.19	0.41	1.19
HORSE BEANS	—	—	—	—	—
FIELD PEAS	0.16	1.81	0.19	0.41	1.19
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	8.85	100.00	46.90	100.00	5.30

— Not Reported

TABLE 11.11 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SHEKICHO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	3.17	91.35	49.57	97.10	15.64
TEFF	0.50	14.41	3.95	7.74	7.90
BARLEY	0.17	4.90	1.41	2.76	8.29
WHEAT	—	—	—	—	—
MAIZE	1.92	55.33	31.97	62.62	16.65
SORGHUM	0.30	8.65	5.59	10.95	18.63
MILLET	0.28	8.07	6.65	13.03	23.75
OATS	—	—	—	—	—
PULSES	0.30	8.65	1.48	2.90	4.93
HORSE BEANS	0.16	4.61	0.82	1.61	5.13
FIELD PEAS	0.07	2.02	0.20	0.39	2.86
HARICOT BEANS	0.07	2.02	0.46	0.90	6.57
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	3.47	100.00	51.05	100.00	14.71

TABLE 11.12 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SIDAMA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	7.80	93.86	124.94	95.82	16.02
TEFF	0.06	0.72	0.23	0.18	3.83
BARLEY	0.03	0.36	0.08	0.06	2.67
WHEAT	—	—	—	—	—
MAIZE	7.71	92.78	124.63	95.58	16.16
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.51	6.14	5.45	4.18	10.69
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.51	6.14	5.45	4.18	10.69
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	8.31	100.00	130.39	100.00	15.69

— Not Reported

TABLE 11.13 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, GARDULA WEREDA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	3.47	100.00	67.98	100.00	19.59
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	1.58	45.53	24.13	35.50	15.27
SORGHUM	1.89	54.47	43.85	64.50	23.20
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	3.47	100.00	67.98	100.00	19.59

TABLE 11.14 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, KONSO WEREDA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	4.98	26.01	18.53	100.00	3.72
TEFF	0.80	16.06	0.47	2.54	0.59
BARLEY	0.06	1.20	0.32	1.73	5.33
WHEAT	0.02	0.40	0.23	1.24	11.50
MAIZE	1.14	22.89	2.89	15.60	2.54
SORGHUM	2.96	59.44	14.62	78.90	4.94
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	4.98	100.00	18.53	100.00	3.72

— Not Reported

TABLE 11.15 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, YEM WEREDA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.29	72.50	1.75	80.65	6.03
TEFF	—	—	—	—	—
BARLEY	0.16	40.00	1.23	56.68	7.69
WHEAT	—	—	—	—	—
MAIZE	0.13	32.50	0.52	23.96	4.00
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.11	27.50	0.42	19.35	3.82
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.11	27.50	0.42	19.35	3.82
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VEICH	—	—	—	—	—
ALL CROPS	0.40	100.00	2.17	100.00	5.43

TABLE 12 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN GAMBELA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	1.06	100.00	23.53	100.00	22.20
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.38	35.85	13.13	55.80	34.55
SORGHUM	0.30	28.30	7.53	32.00	25.10
MILLET	0.38	35.85	2.87	12.20	7.55
OATS	—	—	—	—	—
ALL CROPS	1.06	100.00	23.53	100.00	22.20

— Not Reported

TABLE 13 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION
AND YIELD FOR 1993/94 (1986 E.C.) BELG SEASON CROPS FOR
PRIVATE PEASANT HOLDINGS IN DIRE DAWA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.24	100.00	0.85	100.00	3.54
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.24	100.00	0.85	100.00	3.54
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	0.24	100.00	0.85	100.00	3.54

— Not Reported

FIG 9. ESTIMATES OF TOTAL AREA UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1994/95 (1987 E.C)

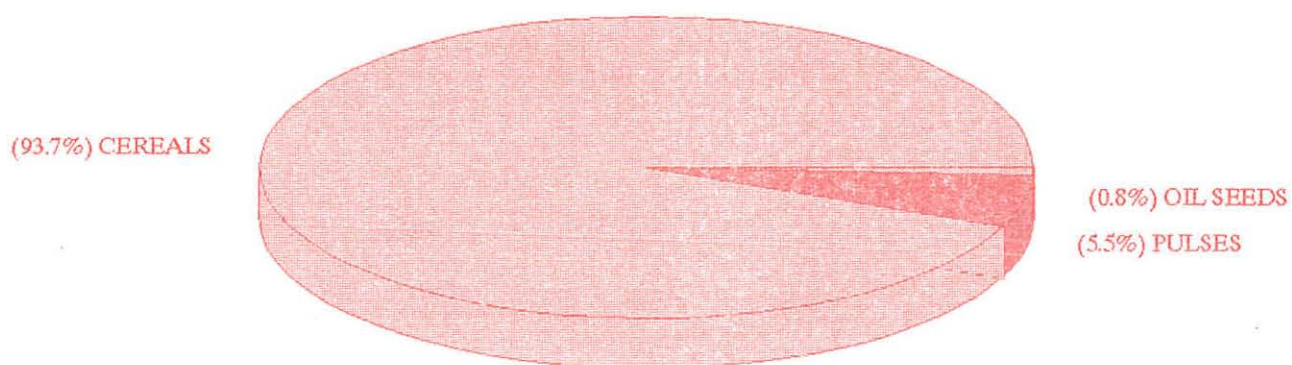
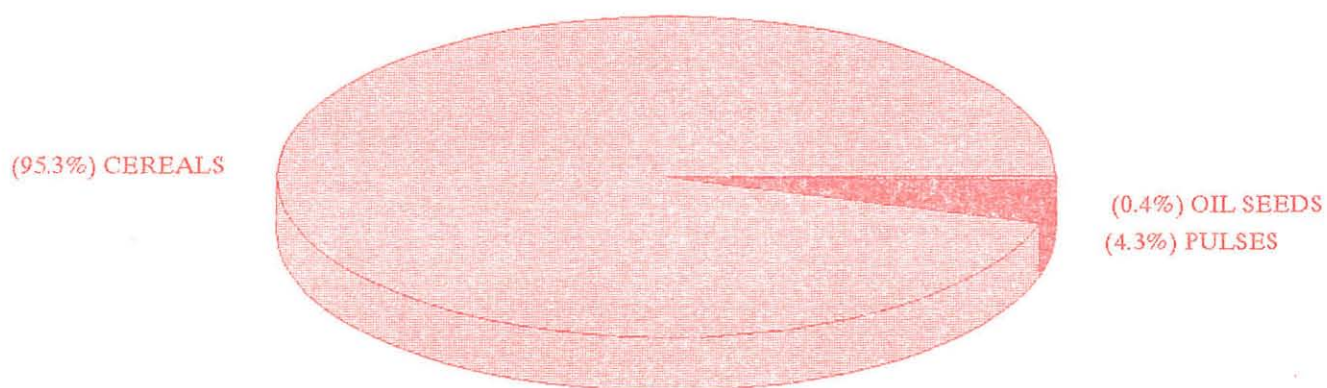


FIG 10. ESTIMATES OF TOTAL PRODUCTION UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1994/95 (1987 E.C)



SECTION-3- ESTIMATES OF AREA AND PRODUCTION OF MAJOR BELG SEASON CROPS FOR PRIVATE HOLDINGS IN ETHIOPIA, 1994/95(1987 E.C).

TABLE 14 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YEILD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	702.56	93.67	4348.91	95.26	6.19
TEFF	55.23	7.36	443.28	9.71	8.03
BARLEY	256.87	34.25	1336.58	29.28	5.20
WHEAT	31.75	4.23	158.16	3.46	4.98
MAIZE	313.60	41.81	2161.66	47.35	6.89
SORGHUM	32.03	4.27	163.49	3.58	5.10
MILLET	1.86	0.25	10.33	0.23	5.55
OATS	11.22	1.50	75.41	1.65	6.72
PULSES	41.09	5.48	196.68	4.31	4.79
HORSE BEANS	0.65	0.09	9.82	0.22	15.11
FIELD PEAS	7.59	1.01	51.63	1.13	6.80
HARICOT BEANS	19.61	2.61	92.36	2.02	4.71
CHICK PEAS	3.84	0.51	20.11	0.44	5.24
LENTILS	3.86	0.51	11.49	0.25	2.98
VETCH	5.54	0.74	11.27	0.25	2.03
OTHERS	6.35	0.85	19.53	0.43	3.08
NEUG	-	-	-	-	-
LINSEED	4.42	0.59	18.09	0.40	4.09
FENUGREEK	1.93	0.26	1.44	0.03	0.75
RAPE SEED	-	-	-	-	-
ALL CROPS	750.00	100.00	4565.12	100.00	6.09

TABLE 15 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA BY REGION.

REGION(KILLIL)	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
TIGRAY	28.51	3.80	102.46	2.24	3.59
AFAR	-	-	-	-	-
AMHARA	140.76	18.77	1215.32	26.62	8.63
OROMIA	307.41	40.99	2047.24	44.85	6.66
BENSHANGUL	-	-	-	-	-
S.N.N.P.R	271.41	36.19	1178.52	25.82	4.34
GAMBELA	1.57	0.21	20.19	0.44	12.86
HARARI	0.15	0.02	1.13	0.02	7.53
ADDISABABA	-	-	-	-	-
DIRE DAWA	0.19	0.03	0.26	0.01	1.34
TOTAL	750.00	100.00	4565.12	100.00	6.09

- Not Reported

FIG 11. ESTIMATES OF TOTAL AREA AND PRODUCTION UNDER SELECTED BELG CEREALS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, 1994/95 (1987 E.C)

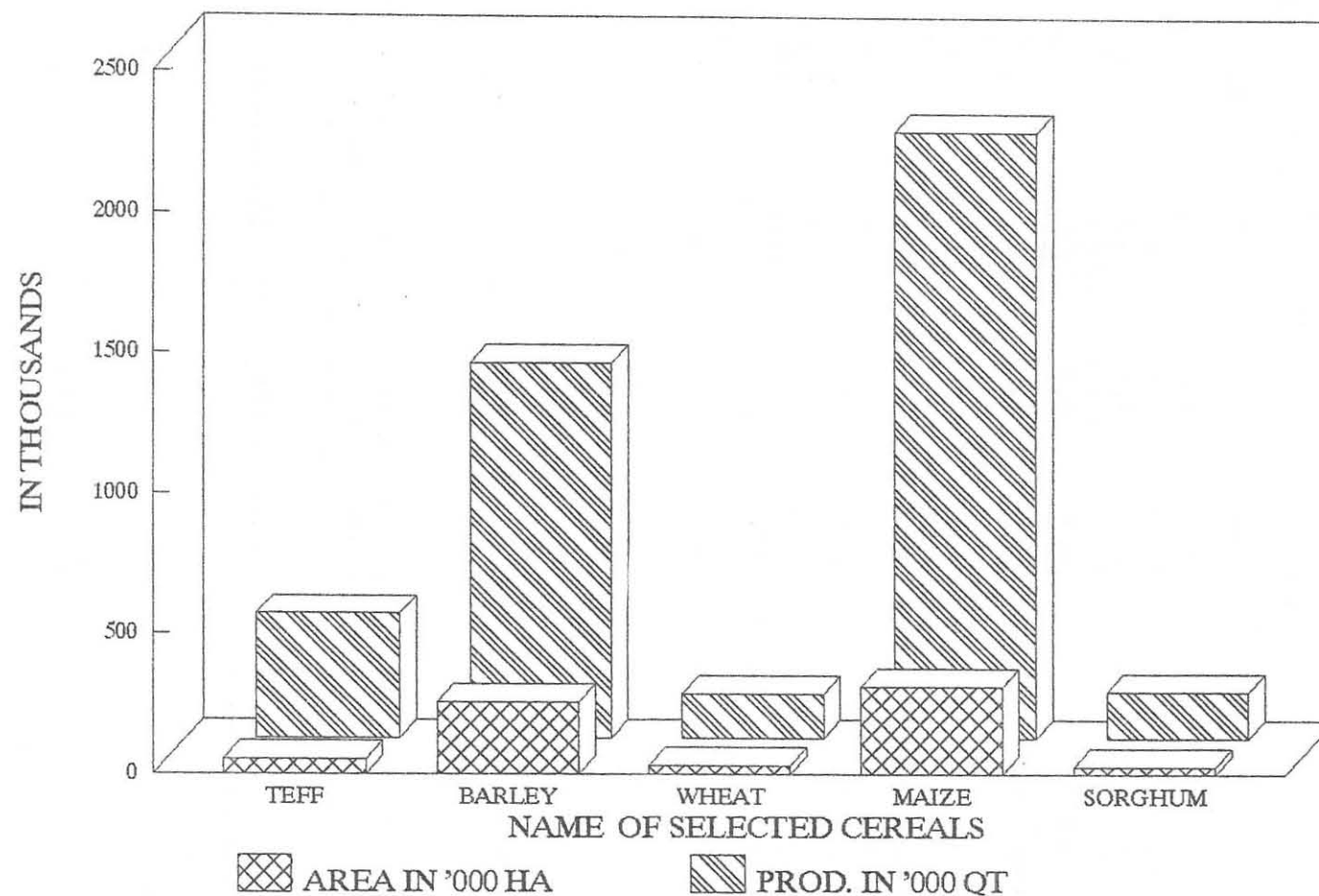


TABLE 16 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1994/95(1987 E.C) FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BY REGION.

REGION(KILLIL)	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
TIGRAY	506.04	28.51	5.33	3035.33	102.46	3.27
AFAR	16.55	—	—	146.55	—	—
AMHARA	2608.32	140.76	5.12	23846.13	1215.32	4.85
OROMIA	3138.26	307.41	8.92	35436.51	2047.24	5.46
BENSHANGUL	60.42	—	—	641.32	—	—
S.N.N.P.R	599.23	271.41	31.17	6919.30	1178.52	14.55
GAMBELA	6.24	1.57	20.10	78.76	20.19	20.41
HARARI	5.29	0.15	2.76	60.83	1.13	1.82
ADDISABABA	10.31	—	—	119.23	—	—
DIRE DAWA	9.52	0.19	2.00	134.03	0.26	0.19
TOTAL	6960.18	750.00	9.73	70417.99	4565.12	6.09

TABLE 17 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN TIGRAY REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	28.51	100.00	102.46	100.00	3.59
TEFF	18.36	64.40	97.43	95.09	5.31
BARLEY	5.53	19.41	1.74	1.70	0.31
WHEAT	—	—	—	—	—
MAIZE	4.02	14.09	1.65	1.61	0.41
SORGHUM	0.60	2.10	1.64	1.60	2.75
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	28.51	100.00	102.46	100.00	3.59

— Not Reported

FIG 12. ESTIMATES OF TOTAL AREA AND PRODUCTION UNDER MAJOR BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BY REGION, 1994/95 (1987 E.C)

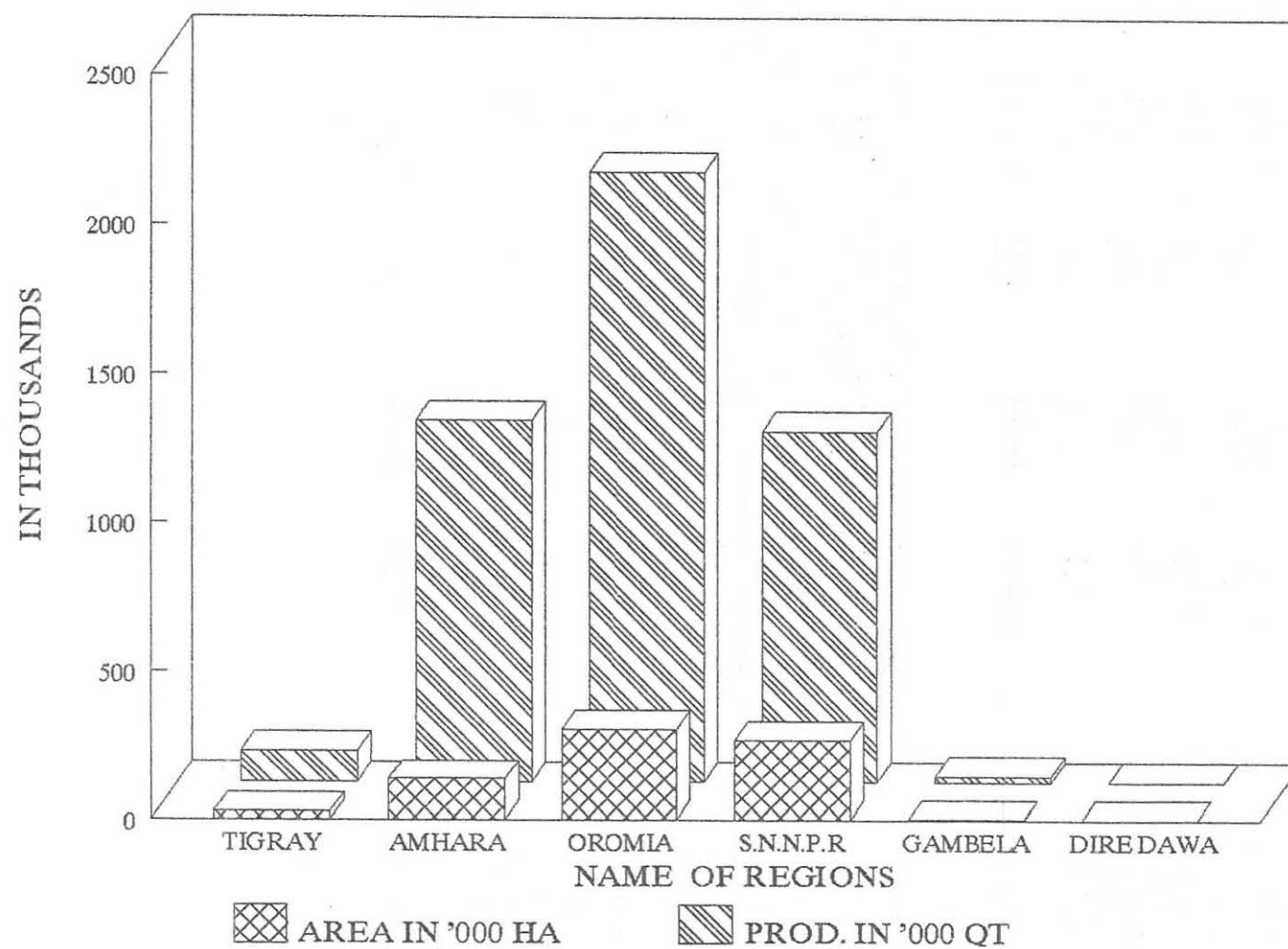


TABLE 18 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	128.70	91.43	1149.63	94.59	8.93
TEFF	22.51	15.99	263.54	21.68	11.71
BARLEY	90.08	64.00	734.23	60.41	8.15
WHEAT	4.20	2.98	14.77	1.22	3.52
MAIZE	6.07	4.31	87.59	7.21	14.43
SORGHUM	3.58	2.54	30.48	2.51	8.51
MILLET	0.05	0.03	0.29	0.02	6.20
OATS	2.21	1.57	18.73	1.54	8.46
PULSES	8.06	5.73	50.36	4.14	6.25
HORSE BEANS	0.58	0.41	9.41	0.77	16.22
FIELD PEAS	2.13	1.52	13.23	1.09	6.20
HARICOT BEANS	0.06	0.04	0.40	0.03	6.67
CHICK PEAS	3.84	2.72	20.11	1.65	5.24
LENTILS	1.15	0.82	6.55	0.54	5.68
VETCH	0.30	0.21	0.66	0.05	2.18
OTHERS	4.00	2.84	15.33	1.26	3.84
NEUG	—	—	—	—	—
LINSEED	2.54	1.80	14.03	1.15	5.52
FENUGREEK	1.46	1.03	1.30	0.11	0.89
RAPE SEED	—	—	—	—	—
ALL CROPS	140.76	100.00	1215.32	100.00	8.63

TABLE 18.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
AGEWAWI	0.13	0.09	1.62	0.13	12.47
EAST GOJAM	—	—	—	—	—
WEST GOJAM	2.70	1.92	42.87	3.53	15.88
NORTH GONDER	7.60	5.40	33.99	2.80	4.47
SOUTH GONDER	6.55	4.65	51.75	4.26	7.90
NORTH SHEWA	22.25	15.81	206.24	16.97	9.27
OROMIA	9.30	6.61	23.76	1.95	2.55
WAG-HAMRA	—	—	—	—	—
NORTH WOLLO	35.23	25.03	345.71	28.45	9.81
SOUTH WOLLO	57.00	40.49	509.38	41.91	8.94
TOTAL	140.76	100.00	1215.32	100.00	8.63

— Not Reported

TABLE 18.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1994/95(1987 E.C.) FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, BY ZONE

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HIA)	BELG (000 HIA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
AGEWAWI	133.68	0.13	0.10	1060.43	1.62	0.15
EAST GOJAM	428.43	—	—	3979.97	—	—
WEST GOJAM	390.21	2.70	0.69	3880.66	42.87	1.09
NORTH GONDER	415.17	7.60	1.80	3241.99	33.99	1.04
SOUTH GONDER	435.22	6.55	1.48	3481.79	51.75	1.46
NORTH SHIWA	289.37	22.25	7.14	2470.68	206.24	7.70
OROMIA	40.65	9.30	18.62	518.32	23.76	4.38
WAG-HAMRA	54.78	—	—	646.71	—	—
NORTH WOLLO	187.40	35.23	15.82	2032.92	345.71	14.53
SOUTH WOLLO	233.41	57.00	19.63	2532.66	509.38	16.74
TOTAL	2608.32	140.76	5.12	23846.13	1215.32	4.85

TABLE 18.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, AGEWAWI ZONE

CROP TYPE	TOTAL AREA ('000 HIA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.13	100.00	1.62	100.00	12.47
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.13	100.00	1.62	100.00	12.47
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	0.13	100.00	1.62	100.00	12.47

— Not Reported

TABLE 18.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, WEST GOJAM ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.70	100.00	42.87	100.00	15.88
TEFF	—	—	—	—	—
BARLEY	2.31	85.59	37.89	88.39	16.40
WHEAT	—	—	—	—	—
MAIZE	0.39	14.41	4.98	11.62	12.82
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	2.70	100.00	42.87	100.00	15.88

TABLE 18.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH GONDER ZONE

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	7.60	100.00	33.99	100.00	4.47
TEFF	—	—	—	—	—
BARLEY	7.22	94.95	32.86	96.67	4.55
WHEAT	—	—	—	—	—
MAIZE	0.38	4.97	1.13	3.33	3.00
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	7.60	100.00	33.99	100.00	4.47

— Not Reported

TABLE 18.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, SOUTH GONDER ZONE

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	6.55	100.00	51.75	100.00	7.89
TEFF	0.86	13.19	22.47	43.42	26.01
BARLEY	4.83	73.81	24.43	47.20	5.05
WHEAT	—	—	—	—	—
MAIZE	0.86	13.11	4.85	9.37	5.65
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	6.55	100.00	51.75	100.00	7.90

TABLE 18.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	20.47	92.00	197.29	95.66	9.64
TEFF	7.66	34.41	103.50	50.19	13.52
BARLEY	7.84	35.25	49.38	23.94	6.30
WHEAT	1.56	6.99	8.50	4.12	5.47
MAIZE	1.41	6.36	17.75	8.61	12.55
SORGHUM	2.00	8.99	18.16	8.80	9.08
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	1.78	8.00	8.95	4.34	5.03
HORSE BEANS	—	—	—	—	—
FIELD PEAS	0.37	1.68	0.91	0.44	2.44
HARICOT BEANS	0.06	0.29	0.40	0.20	6.22
CHICK PEAS	1.35	6.08	7.64	3.70	5.65
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	22.25	100.00	206.24	100.00	9.27

— Not Reported

TABLE 18.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, OROMIA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	9.25	99.46	23.37	98.36	2.53
TEFF	8.88	95.48	19.47	81.96	2.19
BARLEY	0.08	0.83	0.59	2.48	7.64
WHEAT	—	—	—	—	—
MAIZE	—	—	—	—	—
SORGHUM	—	—	—	—	—
MILLET	0.05	0.50	0.29	1.22	6.20
OATS	0.24	2.55	3.02	12.70	12.69
PULSES	0.05	0.56	0.39	1.64	7.51
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.05	0.56	0.39	1.64	7.51
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	9.30	100.00	23.76	100.00	2.56

TABLE 18.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, NORTH WOLLO ZONE

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	33.47	95.00	337.88	97.74	10.10
TEFF	1.64	4.67	66.92	19.36	40.71
BARLEY	27.18	77.15	200.52	58.00	7.38
WHEAT	0.18	0.52	0.86	0.25	4.67
MAIZE	2.87	8.15	57.16	16.53	19.90
SORGHUM	1.58	4.49	12.32	3.56	7.79
MILLET	—	—	—	—	—
OATS	0.02	0.06	0.10	0.03	4.83
PULSES	1.76	5.00	7.83	2.26	4.45
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	1.72	4.87	7.65	2.21	4.46
LENTILS	0.04	0.11	0.18	0.05	4.57
VETCH	—	—	—	—	—
ALL CROPS	35.23	100.00	345.71	100.00	9.81

— Not Reported

TABLE 18.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN AMHARA REGION, SOUTH WOLLO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	48.53	85.14	460.86	90.47	9.50
TEFF	3.47	6.08	51.18	10.05	14.76
BARLEY	40.62	71.27	388.56	76.28	9.56
WHEAT	2.46	4.32	5.41	1.06	2.20
MAIZE	0.03	0.06	0.10	0.02	3.06
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	1.95	3.43	15.61	3.07	7.99
PULSES	4.47	7.85	33.19	6.51	7.42
HORSE BEANS	0.58	1.02	9.41	1.85	16.15
FIELD PEAS	1.76	3.09	12.32	2.42	7.00
HARICOT BEANS	—	—	—	—	—
CHICK PEAS	0.72	1.25	4.43	0.87	6.19
LENTILS	1.11	1.95	6.37	1.25	5.72
VETCH	0.30	0.53	0.66	0.13	2.18
OTHERS	4.00	7.01	15.33	3.01	3.84
NEUG	—	—	—	—	—
LINSEED	2.54	4.46	14.03	2.75	5.52
FENUGREEK	1.46	2.55	1.30	0.26	0.89
RAPE SEED	—	—	—	—	—
ALL CROPS	57.00	100.00	509.38	100.00	8.94

— Not Reported

TABLE 19 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	282.62	91.94	1932.34	94.39	6.84
TEFF	11.55	3.76	75.60	3.69	6.55
BARLEY	83.79	27.26	534.46	26.11	6.38
WHEAT	26.45	8.60	138.51	6.77	5.24
MAIZE	137.21	44.63	1077.34	52.62	7.85
SORGHUM	15.13	4.92	53.03	2.59	3.50
MILLET	—	—	—	—	—
OATS	8.49	2.76	53.40	2.61	6.29
PULSES	22.44	7.30	110.70	5.41	4.93
HORSE BEANS	0.07	0.02	0.41	0.02	6.16
FIELD PEAS	5.46	1.77	38.40	1.88	7.04
HARICOT BEANS	8.96	2.91	56.34	2.75	6.29
CHICK PEAS	—	—	—	—	—
LENTILS	2.71	0.88	4.94	0.24	1.82
VETCH	5.24	1.70	10.61	0.52	2.03
OTHERS	2.35	0.76	4.20	0.21	1.79
NEUG	—	—	—	—	—
LINSEED	1.88	0.61	4.06	0.20	2.16
FENUGREEK	0.47	0.15	0.14	0.01	0.31
RAPE SEED	—	—	—	—	—
ALL CROPS	307.41	100.00	2047.24	100.00	6.66

TABLE 19.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
ARSI	56.50	18.38	516.77	25.24	9.15
BALE	69.99	22.77	385.91	18.85	5.51
BORENA	57.32	18.65	287.34	14.04	5.01
EAST HARARGHE	37.33	12.14	85.17	4.16	2.28
WEST HARARGHE	18.61	6.05	179.16	8.75	9.63
ILLUBABOR	5.02	1.63	32.45	1.59	6.47
JIMA	15.90	5.17	118.21	5.77	7.43
EAST SHEWA	2.88	0.94	20.41	1.00	7.09
NORTH SHEWA	2.53	0.82	23.65	1.16	9.36
WEST SHEWA	4.54	1.48	35.58	1.74	7.83
EAST WELLEGA	6.29	2.05	122.00	5.96	19.40
WEST WELLEGA	30.50	9.92	240.59	11.75	7.89
TOTAL	307.41	100.00	2047.24	100.00	6.66

— Not Reported

TABLE 19.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1994/95 (1987 E.C.) FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BY ZONE.

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
ARSI	518.64	56.50	9.82	7363.54	516.77	6.56
BALE	192.76	69.99	26.64	2072.89	385.91	15.70
BORENA	59.54	57.32	49.05	698.85	287.34	29.14
EAST HARARGHE	154.96	37.33	19.41	1910.28	85.17	4.27
WEST HARARGHE	136.42	18.61	12.00	1856.49	179.16	8.80
ILLUBABOR	164.81	5.02	2.96	2102.06	32.45	1.52
JIMA	222.78	15.90	6.66	2372.37	118.21	4.75
EAST SHEWA	377.83	2.88	0.76	4581.28	20.41	0.44
NORTH SHEWA	251.48	2.53	0.99	2115.59	23.65	1.11
WEST SHEWA	551.15	4.54	0.82	5745.26	35.58	0.62
EAST WELLEGA	264.99	6.29	2.32	1982.30	122.00	5.80
WEST WELLEGA	242.90	30.50	11.16	2635.60	240.59	8.36
TOTAL	3138.26	307.41	8.92	35436.51	2047.24	5.46

TABLE 19.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, ARSI ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	51.65	91.42	476.85	92.28	9.23
TEFF	0.23	0.40	2.98	0.58	13.06
BARLEY	37.85	66.99	315.06	60.97	8.32
WHEAT	4.33	7.66	32.76	6.34	7.56
MAIZE	7.57	13.40	112.08	21.69	14.80
SORGHUM	-	-	-	-	-
MILLET	-	-	-	-	-
OATS	1.67	2.96	13.97	2.70	8.34
PULSES	4.85	8.58	39.92	7.72	8.23
HORSE BEANS	-	-	-	-	-
FIELD PEAS	4.41	7.81	36.07	6.98	8.18
HARICOT BEANS	0.32	0.57	2.91	0.56	8.98
CHICK PEAS	-	-	-	-	-
LENTILS	0.12	0.20	0.94	0.18	8.13
VETCH	-	-	-	-	-
ALL CROPS	56.50	100.00	516.77	100.00	9.15

- Not Reported

TABLE 19.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BALE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	63.92	91.33	374.84	97.13	5.86
TEFF	4.19	5.98	18.68	4.84	4.46
BARLEY	15.26	21.80	90.92	23.56	5.96
WHEAT	15.89	22.70	79.07	20.49	4.98
MAIZE	20.40	29.15	138.26	35.83	6.78
SORGHUM	4.26	6.09	15.40	3.99	3.61
MILLET	—	—	—	—	—
OATS	3.92	5.60	32.51	8.43	8.29
PULSES	3.72	5.31	6.87	1.78	1.85
HORSE BEANS	—	—	—	—	—
FIELD PEAS	0.95	1.35	2.02	0.52	2.13
HARICOT BEANS	0.18	0.26	0.85	0.22	4.63
CHICK PEAS	—	—	—	—	—
LENTILS	2.59	3.69	4.00	1.04	1.55
VETCH	—	—	—	—	—
OTHERS	2.35	3.35	4.20	1.09	1.79
NEUG	—	—	—	—	—
LINSEED	1.88	2.69	4.06	1.05	2.16
FENUGREEK	0.47	0.67	0.14	0.04	0.31
RAPE SEED	—	—	—	—	—
ALL CROPS	69.99	100.00	385.91	100.00	5.51

— Not Reported

TABLE 19.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, BORENA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	46.99	81.98	255.30	88.85	5.43
TEFF	6.16	10.74	44.46	15.47	7.22
BARLEY	3.81	6.64	10.68	3.72	2.81
WHEAT	3.16	5.52	21.43	7.46	6.77
MAIZE	25.71	44.86	150.59	52.41	5.86
SORGHUM	8.10	14.13	27.54	9.59	3.40
MILLET	—	—	—	—	—
OATS	0.05	0.09	0.60	0.21	11.17
PULSES	10.33	18.02	32.04	11.15	3.10
HORSE BEANS	0.07	0.12	0.41	0.14	6.16
FIELD PEAS	0.10	0.17	0.31	0.11	3.11
HARICOT BEANS	4.92	8.59	20.71	7.21	4.21
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	5.24	9.14	10.61	3.69	2.03
ALL CROPS	57.32	100.00	287.34	100.00	5.01

TABLE 19.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST HARARGHE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	37.33	100.00	85.17	100.00	2.28
TEFF	—	—	—	—	—
BARLEY	11.14	29.85	13.51	15.86	1.21
WHEAT	2.86	7.67	3.76	4.42	1.31
MAIZE	20.74	55.54	64.35	75.55	3.10
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	2.59	6.94	3.55	4.17	1.37
ALL CROPS	37.33	100.00	85.17	100.00	2.28

— Not Reported

TABLE 19.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST HARARGHE ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	17.67	94.95	164.18	91.64	9.29
TEFF	—	—	—	—	—
BARLEY	7.04	37.84	64.29	35.89	9.13
WHEAT	0.21	1.10	1.49	0.83	7.24
MAIZE	10.23	54.97	96.73	53.99	9.46
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.19	1.04	1.67	0.93	8.59
PULSES	0.94	5.05	14.98	8.36	15.94
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.94	5.05	14.98	8.36	15.94
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	18.61	100.00	179.16	100.00	9.63

TABLE 19.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, ILLUBABOR ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	5.01	99.78	32.43	99.94	6.48
TEFF	—	—	—	—	—
BARLEY	0.21	4.16	0.39	1.20	1.86
WHEAT	—	—	—	—	—
MAIZE	2.03	40.46	21.95	67.63	10.81
SORGHUM	2.77	55.16	10.09	31.08	3.64
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.01	0.22	0.02	0.07	2.02
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.01	0.22	0.02	0.07	2.02
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	5.02	100.00	32.45	100.00	6.47

— Not Reported

TABLE 19.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, JIMA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	14.84	93.33	110.87	93.79	7.47
TEFF	—	—	—	—	—
BARLEY	3.55	22.35	26.15	22.12	7.36
WHEAT	—	—	—	—	—
MAIZE	11.24	70.71	83.82	70.91	7.46
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.05	0.34	0.90	0.77	16.76
PULSES	1.06	6.66	7.34	6.21	6.93
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	1.06	6.66	7.34	6.21	6.93
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	15.90	100.00	118.21	100.00	7.43

TABLE 19.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.29	79.67	15.40	75.45	6.71
TEFF	0.91	31.67	9.10	44.60	9.98
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	1.38	48.00	6.30	30.88	4.56
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.59	20.63	5.01	24.57	8.44
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.59	20.63	5.01	24.57	8.44
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	2.88	100.00	20.41	100.00	7.09

— Not Reported

TABLE 19.11 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, NORTH SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.53	100.00	23.65	100.00	9.36
TEFF	—	—	—	—	—
BARLEY	1.16	45.71	0.12	0.52	0.11
WHEAT	—	—	—	—	—
MAIZE	1.37	54.29	23.53	99.48	17.15
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	2.53	100.00	23.65	100.00	9.36

TABLE 19.12 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST SHEWA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	4.54	100.00	35.58	100.00	7.83
TEFF	—	—	—	—	—
BARLEY	2.13	46.98	5.27	14.82	2.47
WHEAT	—	—	—	—	—
MAIZE	2.41	53.02	30.31	85.18	12.58
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	4.54	100.00	35.58	100.00	7.83

— Not Reported

TABLE 19.13 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, EAST WELLEGA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	6.29	100.00	122.00	100.00	19.37
TEFF	—	—	—	—	—
BARLEY	0.03	0.52	1.18	0.96	35.65
WHEAT	—	—	—	—	—
MAIZE	6.26	99.59	120.82	99.04	19.29
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	6.29	100.00	122.00	100.00	19.37

TABLE 19.14 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN OROMIA REGION, WEST WELLEGA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	29.56	96.92	236.07	98.12	7.99
TEFF	0.06	0.20	0.38	0.16	6.36
BARLEY	1.61	5.27	6.89	2.87	4.29
WHEAT	—	—	—	—	—
MAIZE	27.87	91.39	228.60	95.02	8.20
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	0.02	0.07	0.20	0.08	9.13
PULSES	0.94	3.08	4.52	1.88	4.81
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.94	3.08	4.52	1.88	4.81
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	30.50	100.00	240.59	100.00	7.89

— Not Reported

TABLE 20 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY CROP

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	260.97	96.15	1144.03	97.07	4.38
TEFF	2.81	1.03	6.71	0.57	2.39
BARLEY	77.47	28.54	66.15	5.61	0.85
WHEAT	1.10	0.41	4.88	0.41	4.43
MAIZE	165.24	60.88	980.20	83.17	5.93
SORGHUM	12.10	4.46	73.49	6.24	6.07
MILLET	1.73	0.64	9.32	0.79	5.39
OATS	0.52	0.19	3.28	0.28	6.33
PULSES	10.44	3.85	34.49	2.93	3.30
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	10.44	3.85	34.49	2.93	3.30
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	271.41	100.00	1178.52	100.00	4.34

TABLE 20.1 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY ZONE.

ZONE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
BENCH	7.16	2.64	40.23	3.41	5.62
GEDIO	0.41	0.15	5.15	0.44	12.54
GURAGE	—	—	—	—	—
HADIYA	4.27	1.57	18.31	1.55	4.29
KEMBATA	1.39	0.51	13.64	1.16	9.81
KEFICHO	13.93	5.13	110.10	9.34	7.90
MAJI	2.36	0.87	19.35	1.64	8.20
NORTH OMO	204.90	75.49	613.23	52.03	2.99
SOUTH OMO	14.78	5.45	126.04	10.69	8.53
SHEKICHO	6.52	2.40	53.71	4.56	8.24
SIDAMA	8.53	3.14	124.43	10.56	14.58
AMARO WEREDA *	—	—	—	—	—
BURJI WEREDA *	—	—	—	—	—
GARDULA WEREDA *	—	—	—	—	—
KONSO WEREDA *	6.94	2.56	52.67	4.47	7.59
YEM WEREDA *	0.22	0.08	1.66	0.14	7.55
TOTAL	271.41	100.00	1178.52	100.00	4.34

* Special Wereda

— Not Reported

TABLE 20.2 ESTIMATES OF TOTAL AREA, PRODUCTION AND PERCENT SHARE OF BELG FOR 1994/95(1987 E.C) FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BY ZONE.

ZONE	AREA UNDER MAJOR CROPS			PRODUCTION OF MAJORCROPS		
	MEHER (000 HA)	BELG (000 HA)	% BELG	MEHER (000 QTS)	BELG (000 QTS)	% BELG
BENCH	19.28	7.16	27.08	195.79	40.23	17.04
GEDIO	19.66	0.41	2.04	212.02	5.15	2.37
GURAGE	89.71	—	—	985.24	—	—
HADIYA	110.78	4.27	3.71	1592.01	18.31	1.14
KEMBATA	68.51	1.39	1.99	1044.11	13.64	1.29
KEFICHO	55.65	13.93	20.02	718.45	110.10	13.29
MAJI	5.54	2.36	29.87	65.46	19.35	22.82
NORTH OMO	131.35	204.90	60.94	1030.19	613.23	37.31
SOUTH OMO	20.20	14.78	42.25	183.23	126.04	40.75
SHEKICHO	8.75	6.52	42.70	87.39	53.71	38.06
SIDAMA	37.01	8.53	18.73	587.28	124.43	17.48
AMARO WEREDA *	6.75	—	—	78.75	—	—
BURJI WEREDA *	1.28	—	—	12.22	—	—
GARDULA WEREDA *	13.45	—	—	61.48	—	—
KONSO WEREDA *	6.90	6.94	50.14	26.20	52.67	66.78
YEM WEREDA *	4.40	0.22	4.76	39.48	1.66	4.04
TOTAL	599.22	271.41	31.17	6919.30	1178.52	14.55

TABLE 20.3 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, BENCH ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	7.16	100.00	40.23	100.00	5.62
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	7.16	100.00	40.23	100.00	5.62
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	7.16	100.00	40.23	100.00	5.62

* Special Wereda
— Not Reported

TABLE 20.4 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, GEDIO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.41	100.00	5.15	100.00	12.54
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.41	100.00	5.15	100.00	12.54
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	0.41	100.00	5.15	100.00	12.54

TABLE 20.5 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, HADIYA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.66	62.31	12.18	66.52	4.58
TEFF	0.96	22.49	4.90	26.74	5.10
BARLEY	0.84	19.58	5.55	30.31	6.64
WHEAT	—	—	—	—	—
MAIZE	0.86	20.24	1.73	9.43	2.00
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	1.61	37.69	6.13	33.46	3.81
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	1.61	37.69	6.13	33.46	3.81
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	4.27	100.00	18.31	100.00	4.29

— Not Reported

TABLE 20.6 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION
AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR
PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION,
KEMBATA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	1.09	78.68	10.78	79.00	9.85
TEFF	—	—	—	—	—
BARLEY	0.15	11.08	3.21	23.52	20.83
WHEAT	—	—	—	—	—
MAIZE	0.94	67.60	7.57	55.48	8.05
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.30	21.76	2.86	20.94	9.44
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.30	21.76	2.86	20.94	9.44
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	1.39	100.00	13.64	100.00	9.81

TABLE 20.7 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION
AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR
PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION,
KEFICHO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	13.87	99.57	109.91	99.83	7.92
TEFF	—	—	—	—	—
BARLEY	1.14	8.21	27.61	25.07	24.13
WHEAT	—	—	—	—	—
MAIZE	12.73	91.41	82.28	74.73	6.46
SORGHUM	0.004	0.03	0.02	0.02	5.75
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.06	0.47	0.19	0.17	2.86
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.06	0.47	0.19	0.17	2.86
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	13.93	100.00	110.10	100.00	7.90

— Not Reported

TABLE 20.8 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, MAJI ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	2.33	98.85	16.21	83.77	6.95
TEFF	0.07	3.05	0.01	0.06	0.17
BARLEY	0.20	8.39	0.11	0.57	0.56
WHEAT	—	—	—	—	—
MAIZE	2.06	87.41	16.09	83.17	7.80
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.03	1.37	3.14	16.22	96.89
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.03	1.37	3.14	16.22	96.89
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	2.36	100.00	19.35	100.00	8.20

TABLE 20.9 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, NORTH OMO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	196.55	95.92	592.11	96.56	3.01
TEFF	1.19	0.58	0.23	0.04	0.20
BARLEY	70.47	34.39	16.02	2.61	0.23
WHEAT	—	—	—	—	—
MAIZE	119.18	58.16	560.65	91.43	4.70
SORGHUM	5.15	2.51	11.50	1.88	2.23
MILLET	0.04	0.02	0.43	0.07	12.23
OATS	0.52	0.25	3.28	0.54	6.33
PULSES	8.35	4.07	21.12	3.44	2.53
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	8.35	4.07	21.12	3.44	2.53
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	204.90	100.00	613.23	100.00	2.99

— Not Reported

TABLE 20.10 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SOUTH OMO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	14.72	99.61	125.42	99.51	8.52
TEFF	0.04	0.24	0.16	0.13	4.44
BARLEY	-	-	-	-	-
WHEAT	-	-	-	-	-
MAIZE	9.78	66.20	84.04	66.68	8.59
SORGHUM	4.64	31.42	38.80	30.78	8.35
MILLET	0.26	1.74	2.42	1.92	9.42
OATS	-	-	-	-	-
PULSES	0.06	0.44	0.62	0.49	9.59
HORSE BEANS	-	-	-	-	-
FIELD PEAS	-	-	-	-	-
HARICOT BEANS	0.06	0.44	0.62	0.49	9.59
CHICK PEAS	-	-	-	-	-
LENTILS	-	-	-	-	-
VETCH	-	-	-	-	-
ALL CROPS	14.78	100.00	126.04	100.00	8.53

TABLE 20.11 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SHEKICHO ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	6.50	99.67	53.35	99.33	8.21
TEFF	-	-	-	-	-
BARLEY	4.63	71.02	13.36	24.88	2.89
WHEAT	-	-	-	-	-
MAIZE	1.87	28.65	39.99	74.45	21.40
SORGHUM	-	-	-	-	-
MILLET	-	-	-	-	-
OATS	-	-	-	-	-
PULSES	0.02	0.33	0.36	0.67	16.65
HORSE BEANS	-	-	-	-	-
FIELD PEAS	-	-	-	-	-
HARICOT BEANS	0.02	0.33	0.36	0.67	16.65
CHICK PEAS	-	-	-	-	-
LENTILS	-	-	-	-	-
VETCH	-	-	-	-	-
ALL CROPS	6.52	100.00	53.71	100.00	8.24

Not Reported

TABLE 20.12 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, SIDAMA ZONE.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	8.53	100.00	124.43	100.00	14.58
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	1.10	12.91	4.88	3.93	4.43
MAIZE	7.43	87.09	119.55	96.07	16.09
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
ALL CROPS	8.53	100.00	124.43	100.00	14.58

TABLE 20.13 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, KONSO WEREDA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	6.94	100.00	52.67	100.00	7.59
TEFF	0.55	7.95	1.41	2.69	2.56
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	2.65	38.13	21.62	41.03	8.17
SORGHUM	2.31	33.22	23.17	43.99	10.05
MILLET	1.43	20.57	6.47	12.28	4.53
OATS	—	—	—	—	—
ALL CROPS	6.94	100.00	52.67	100.00	7.59

— Not Reported

TABLE 20.14 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN S.N.N.P REGION, YEM WEREDA.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.21	95.45	1.59	95.58	7.56
TEFF	—	—	—	—	—
BARLEY	0.04	20.00	0.29	17.39	6.56
WHEAT	—	—	—	—	—
MAIZE	0.17	78.55	1.30	78.19	7.51
SORGHUM	—	—	—	—	—
MILLET	—	—	—	—	—
OATS	—	—	—	—	—
PULSES	0.01	4.91	0.07	3.94	6.06
HORSE BEANS	—	—	—	—	—
FIELD PEAS	—	—	—	—	—
HARICOT BEANS	0.01	4.91	0.07	3.94	6.06
CHICK PEAS	—	—	—	—	—
LENTILS	—	—	—	—	—
VETCH	—	—	—	—	—
ALL CROPS	0.22	100.00	1.66	100.00	7.55

TABLE 21 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN GAMBELA REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	1.57	100.00	20.19	100.00	12.86
TEFF	—	—	—	—	—
BARLEY	—	—	—	—	—
WHEAT	—	—	—	—	—
MAIZE	0.87	55.72	14.62	72.40	16.71
SORGHUM	0.62	39.59	4.85	24.04	7.81
MILLET	0.08	5.22	0.72	3.56	8.78
OATS	—	—	—	—	—
ALL CROPS	1.57	100.00	20.19	100.00	12.86

— Not Reported

TABLE 22 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN DIRE DAWA REGION.

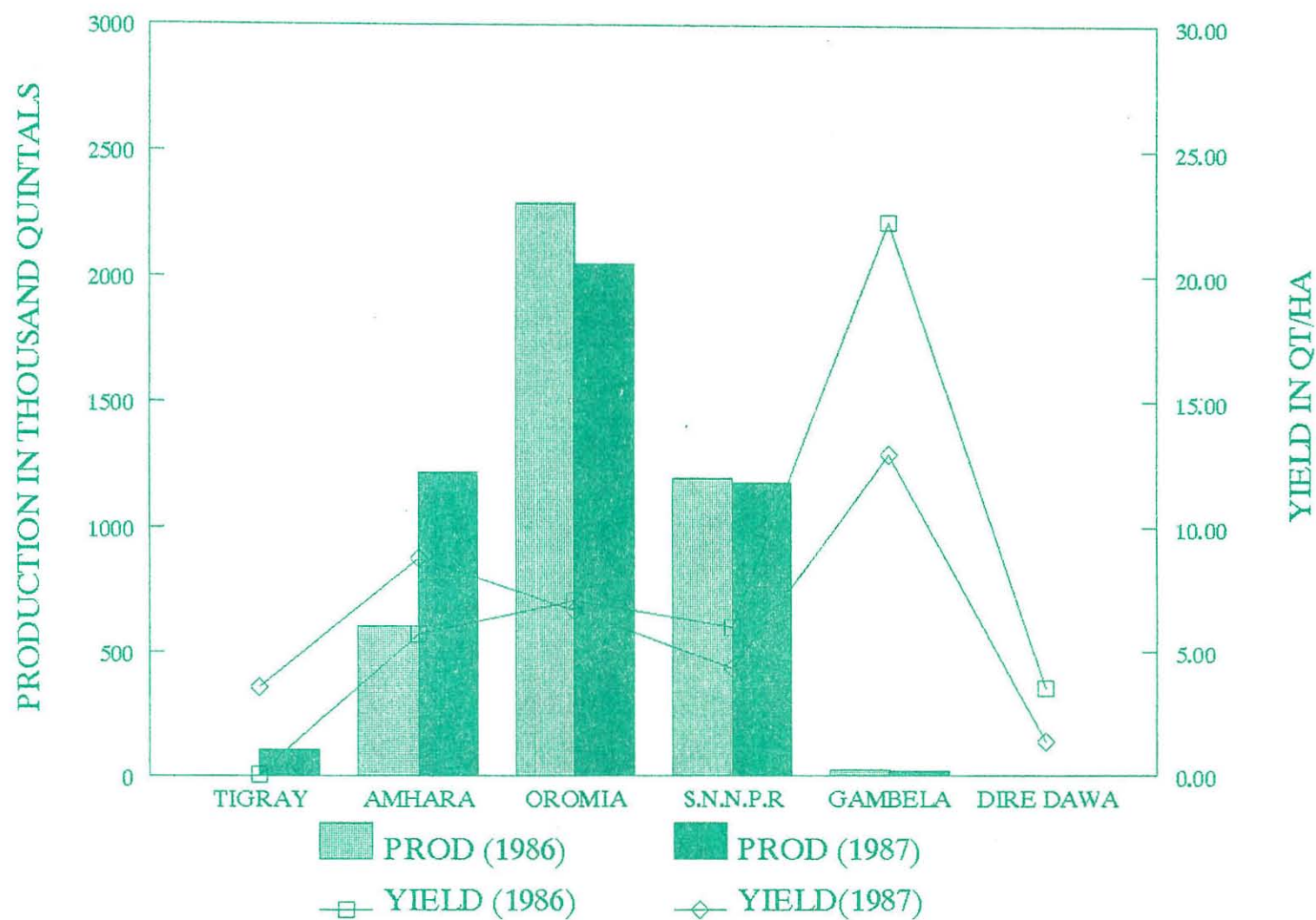
CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
CEREALS	0.19	100.00	0.26	100.00	1.36
TEFF	-	-	-	-	-
BARLEY	-	-	-	-	-
WHEAT	-	-	-	-	-
MAIZE	0.19	100.00	0.26	100.00	1.36
SORGHUM	-	-	-	-	-
MILLET	-	-	-	-	-
OATS	-	-	-	-	-
ALL CROPS	0.19	100.00	0.26	100.00	1.36

TABLE 23 ESTIMATES OF AREA, PRODUCTION, THEIR PERCENT DISTRIBUTION AND YIELD FOR 1994/95 (1987 E.C.) BELG SEASON CROPS FOR PRIVATE PEASANT HOLDINGS IN HARARI REGION.

CROP TYPE	TOTAL AREA ('000 HA)		TOTAL PRODUCTION ('000 QT)		YIELD (QT/HA)
	AREA	%	PROD.	%	
PULSES	0.15	100.00	1.13	100.00	7.50
HORSE BEANS	-	-	-	-	-
FIELD PEAS	-	-	-	-	-
HARICOT BEANS	0.15	100.00	1.13	100.00	7.50
CHICK PEAS	-	-	-	-	-
LENTILS	-	-	-	-	-
VETCH	-	-	-	-	-
ALL CROPS	0.15	100.00	1.13	100.00	7.50

- Not Reported

FIG 13. ESTIMATES OF TOTAL PRODUCTION AND YIELD UNDER MAJOR BELG SEASON
CROPS FOR PRIVATE PEASANT HOLDINGS IN ETHIOPIA, BY REGION
1993/94(1986 E.C) AND 1994/95(1987 E.C)



APPENDIX-1 TOTAL NUMBER OF ENUMERATION AREAS AND HOUSEHOLD
REPORTING 1993/94 AND 1994/95 BELG CROP PRODUCTION.
BY REGION.

REGION	1993/94 (1986 E.C)		1994/95 (1987 E.C)	
	EA	HOUSE HOLD	EA	HOUSE HOLD
TIGRAY	2	13	3	29
AMHARA	53	840	47	822
AGEWAWI	1	8	1	25
WEST GOJAM	3	24	1	27
NORTH GONDER	2	26	2	25
SOUTH GONDER	8	89	1	9
NORTH SHEWA	9	153	8	172
OROMIA	6	122	8	89
NORTH WOLLO	10	146	11	161
SOUTH WOLLO	14	272	15	314
OROMIA	173	2548	145	2252
ARSI	11	120	20	333
BALE	18	352	20	368
BORENA	12	203	8	122
EAST HARARGHE	17	261	16	267
WEST HARARGHE	20	230	18	296
ILLUBABOR	17	215	8	80
JIMA	17	286	8	111
EAST SHEWA	4	37	5	47
NORTH SHEWA	11	181	5	67
WEST SHEWA	7	108	3	32
EAST WELLEGA	17	241	17	242
WEST WELLEGA	22	314	17	287
S.N.N.P	129	2229	104	2001
BENCHI	12	215	11	214
GEDIO	5	50	3	26
HADIYA	8	66	4	57
KEMBATA	4	34	4	65
KEFICHO	14	196	13	172
MAJI	13	298	9	245
NORTH OMO	28	624	27	636
SOUTH OMO	12	239	13	243
SHEKICHO	13	175	7	119
SIDAMA	11	142	6	80
GARDULA	3	72	-	-
KONSO	4	101	5	121
YEM	2	17	2	23
GAMBELA	8	165	4	80
HARARI	-	-	1	8
DIRE DAWA	2	27	2	27
TOTAL	367	5822	306	5219

Refernces

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4. MOA/CSA crop assesment 1993/94 (1986 E.C) report on area production and yield of crops private holdings meher season Central Statistical Authority, September, 1994,Addis Ababa.
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