

**TRANSITIONAL GOVERNMENT OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY**



REPORT ON

ESTIMATED AREA, PRODUCTION AND YIELD OF MAJOR CROPS

1992/93 (1985 E.C.) & 1993/94 (1986 E.C.)

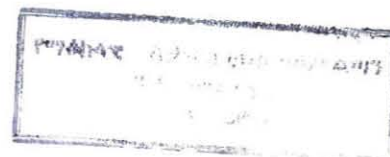
(BASED ON MOA & CSA DATA, MEHER SEASON PRIVATE HOLDINGS)

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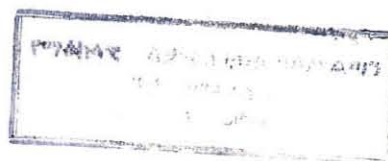


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I. INTRODUCTION

The Central Statistical Authority (CSA) has been conducting Annual Agricultural Sample Survey as part of Rural Integrated Household Surveys since 1980/81. However, due to the 1994 population and housing census preparatory activities such as census cartographic work this survey was discontinued for the years 1992/93 and 1993/94. To fill these information gap it was tried to estimate area and production for 1992/93 (1985 E.C.) and 1993/94 (1986 E.C.) based on data obtained from Ministry of Agriculture (MOA) and the CSA. For the year 1993/94 (1986 E.C.) questionnaires and manuals were jointly prepared by MOA and CSA and the data were collected subjectively by Development Agents (DAS) of the Ministry of Agriculture. (Refer to a separate publication prepared for this assessment results for details.)

This report contains the estimated results of area, production and yield for the meher season and it comprises the method of estimation and summary of the results for the 1992/93 (1985 E.C.) and 1993/94 (1986 E.C.).

The report contains the estimated results of 1992/93 (1985 E.C.) and 1993/94 (1986 E.C.).

In both cases results are shown for National, Regional and Zonal levels with estimates on area, production and yield for cereals, pulses and oil crops based on CSA's previous year's survey or derived results and the data from MOA for 1985 E.C. and the joint crop assessment for 1986 E.C.

II METHOD USED TO ESTIMATE AREA AND PRODUCTION FOR THE 1992/93 (1985 E.C.) and 1993/94 (1986 E.C.) MEHER SEASON

The CSA uses a stratified two stage sample design and collects data on area by actually measuring the fields of all sampled households and conducts crop cutting on sampled plots in sampled fields to estimate yield of each crop by enumerators stationed for a year, in the sampled Farmers' Associations (FA).

The MOA collects its data in each wereda by dividing the wereda in to parts of kola, weyna dega and dega. Then from each Farmer's association in the divided parts of the wereda, Developments Agents interview randomly three farmers about their crop area and production in their holdings. Hence, from this information the average area and production of a farmer was computed and multiplied by the total number of farmers in each FA to get the FA's Area and Production results. These FA results are aggregated to wereda results by the Wereda Development Assistants. The wereda results are summarized to the respective administrative level.

As described earlier the sample design and method of data collection of the CSA and MOA are quite different. For instance in 1984 E.C the estimated area under crops from a CSA survey was 4744 thousand hectares while that of MOA was 6420 thousand hectares, 35 % more. The estimated crop production of the same year was 52783 thousand quintals and 61140 thousand quintals for CSA and MOA, respectively. This obviously reveals the differences of their sample design and estimation procedures.

Previously the Central Statistical Authority collected data objectively and subjectively based on sample surveys. The 1993/94 (1986 E.C.) data were collected jointly by CSA and MOA subjectively by interview which strictly followed MOA sample design and method of data collection which is different from the usual CSA method in sample design and data collection method.

The method used in the crop assessment was subjective and the results are not compatible to those of CSA's. For these reasons and as an option, another method was maintained here to estimate the 1993/94 (1986 E.C.) area and production based on the previous years of CSA survey data and MOA crop assessment which is described below. However, the information obtained using this method is very crude to substitute the regular survey result of the CSA.

The estimation procedure maintained in this report was simply to calculate the ratio using the data obtained from MOA. The ratio of area and production for each crop was computed using the two years (1991/92 and 1992/93) data of MOA as shown below.

A) 1992/93 (1985 E.C.)

$$RP_{ij} = \frac{P_{ij93}}{P_{ij92}}$$

$$RA_{ij} = \frac{A_{ij93}}{A_{ij92}}$$

Where RP_{ij} is ratio of the 1992/93 production to the 1991/92 production for the j^{th} crop.

RA_{ij} is the ratio of the 1992/93 Area to the 1991/92 area for the j^{th} crop in the i^{th} administrative region.

RA_{ij} is the ratio of the 1992/93 Area to the 1991/92 area for the j^{th} crop in the i^{th} administrative region.

P_{ij93} is production of the j^{th} crop in the i^{th} administrative region for the year 1992/93 (MOA).

A_{ij93} is area of the j^{th} crop in the i^{th} administrative for the year 1992/93 (MOA).

P_{ij92} is production of the j^{th} crop in the i^{th} administrative for the year 1991/92 (MOA).

A_{ij92} is area of the j^{th} crop in the i^{th} administrative for the year 1991/92 (MOA).

After calculating the ratio for each crop, the next step was to estimate the 1992/93 area and production. As a result, CSA's 1991/92 area and production data were multiplied by their respective ratio to obtain 1992/93 estimates using the following formula.

$$PE_{ij93} = RP_{ij} * PC_{ij92}$$

$$AE_{ij93} = RA_{ij} * AC_{ij92}$$

Where	PC_{ij92} is CSA's production estimate of 1991/92 for the j^{th} crop in the i^{th} administrative region. AC_{ij92} is CSA's area estimate of 1991/92 for the j^{th} crop in the i^{th} administrative region PE_{ij93} production estimate of j^{th} crop in the i^{th} administrative region for 1992/93. AE_{ij93} area estimate of j^{th} crop in the i^{th} administrative region for 1992/93.
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B) 1993/94 (1986 E.C.)

As indicated above, the CSA did not carry out its regular agricultural sample survey in 1985 E.C. Thus the available survey results of the CSA were only up to 1984 E.C. Using multipliers (ratios) of 1985 to 1984 MOA results the 1985 E.C. area and production of major crops were estimated by CSA taking in to account the direction of changes between the two years. These again were used in the estimation of the 1986 E.C. results.

The assessment results of 1986 E.C. and 1985 E.C. MOA results were used to indicate the direction of changes between the two years in a similar manner to estimate the 1993/94 (1986 E.C.) area and production of major crops by CSA.

Unlike the 1991/92 and 1992/93 the formulae discussed above could not be directly applied because the available results for 1992/93 and 1993/94 are not compatible i.e. those 1992/93 for both CSA and MOA are by the former administrative regions while those of the crop assessment are by zones. So matching the zones to the former administrative regions was required as in the following example.

Examples:

<u>Former Administrative Regions</u>	<u>Zones</u>
i. Wellega	1. East Wellega from Kilil 4 2. West Wellega from Kilil 4 3. Kamashi from Kilil 6
ii. Keffa	1. Keficho from Kilil SEPAR 2. Shekicho from Kilil SEPAR 3. Maji from Kilil SEPAR 4. Jima from Kilil 4 5. Bencho from Kilil SEPAR 6. Yem from Kilil SEPAR
iii. North Shoa	1. North Shoa from Kilil 3 2. North west Shoa from Kilil 4
...	etc.

Thus proportions were calculated such that the zone estimates were deducted from the previous administrative regions.

The following were done to establish the proportions:

$$Pa_{ijk} = \frac{A_{ijk94}}{\sum A_{ijk94}}$$

$$Pp_{ijk} = \frac{P_{ijk94}}{\sum P_{ijk94}}$$

Where

P_{ijk94} is production of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1993/94 (CSA/MOA assessment).

A_{ijk94} is area of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1993/94 (CSA/MOA assessment).

Pp_{ijk} is proportion of production of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region.

Pa_{ijk} is proportion of area of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region .

Then the zone equivalent of CSA and MOA estimates of 1992/93 were derived from the 1992/93 former administrative estimates using the following equations. (refer to the annex for the results)

$$A_{ijk93} = Pa_{ijk} \times A_{ik93}$$

$$P_{ijk93} = Pp_{ijk} \times P_{ik93}$$

$$AC_{ijk93} = Pa_{ijk} \times AC_{ik93}$$

$$PC_{ijk93} = Pp_{ijk} \times PC_{ik93}$$

Where

P_{ijk93} is derived production of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1992/93 (MOA).

A_{ijk93} is derived area of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1992/93 (MOA).

PC_{ijk93} is derived production of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1992/93 (CSA).

AC_{ijk93} is derived area of the k^{th} crop in the j^{th} zone of the i^{th} former administrative region for the year 1992/93 (CSA).

P_{ik93} is production of the k^{th} crop of the i^{th} former administrative region for the year 1992/93 (MOA).

A_{ik93} is area of the k^{th} crop of the i^{th} former administrative region for the year 1992/93 (MOA).

PC_{ik93} is production of the k^{th} crop of the i^{th} former administrative region for the year 1992/93 (CSA).

AC_{ik93} is area of the k^{th} crop of the i^{th} former administrative region for the year 1992/93 (CSA).

After the above zone equivalent estimates were established the formulae types as in A above those which were put in the previous section can be used.

Change in Area and Production (i.e. condition factors) or multipliers between 1992/93 and 1993/94 in percent were collected (for most cases) during the assessment and these were used directly as RP_{ij} or RA_{ij} in the following equations, however, when these information were not available, the ratio of area and production for each crop was computed using the 1993/94 CSA/MOA crop assessment data to that of 1992/93 MOA data as shown below.

(Now that we have established the zone estimates the subscript k is dropped for simplicity.)

$$RP_{ij} = \frac{P_{ij94}}{P_{ij93}}$$

$$RA_{ij} = \frac{A_{ij94}}{A_{ij93}}$$

Where

RP_{ij} is change or ratio of the 1993/94 production to the 1992/93 production for the j^{th} crop in the i^{th} zone.

RA_{ij} is change or ratio of the 1993/94 area to the 1992/93 production for the j^{th} crop in the i^{th} zone.

P_{ij94} is production of the j^{th} crop in the i^{th} zone for the year 1993/94 (CSA/MOA assessment).

A_{ij94} is area of the j^{th} crop in the i^{th} zone for the year 1993/94 (CSA/MOA assessment).

P_{ij93} is production of the j^{th} crop in the i^{th} zone for the year 1992/93 (MOA).

A_{ij93} is area of the j^{th} crop in the i^{th} zone for the year 1992/93 (MOA).

After calculating the ratio for each crop, the next step was to estimate the CSA 1993/94 area and production. As a result, CSA's derived 1992/93 area and production data were multiplied by their respective ratio to obtain the 1993/94 estimates using the following formula.

$$PE_{ij94} = RP_{ij} * PC_{ij93}$$

$$AE_{ij94} = RA_{ij} * AC_{ij93}$$

where

PC_{ij93} is CSA's derived production estimate of 1992/93 for the j^{th} crop in the i^{th} zone.

AC_{ij93} is CSA's derived area estimate of 1992/93 for the j^{th} crop in the i^{th} zone.

PE_{ij94} is CSA's production estimate for 1993/94 for the j^{th} crop in the i^{th} zone.

AE_{ij94} is CSA's area estimate of 1993/94 for the j^{th} crop in the i^{th} zone.

The regional and National estimates are obtained by aggregating the zone estimates to the respective levels.

However, the cereal, pulses, oilcrops and total of all crops was obtained by summing up the estimates of each particular crop in the respective category not by directly applying the ratios.

III. Adjustments made While Deriving the Estimates of Area and Production of 1992/93(1985 E.C.) & 1993/94(1986 E.C.)

In the course of applying the shown formula some problems were encountered in which the following cases were taken into consideration.

Some problems encountered in applying the formulae

1. Since some zones did not report data on changes in area and production to calculate the ratios of area and production of some crops in some regions in the years 1992/93 (1985 E.C.) & 1993/94 (1986 E.C.)
2. The data obtained from MOA showed the aggregated figures of pulses and oilseed crops. Hence, the ratio of individual pulses and oilseed crops could not be computed from the data in the year 1992/93 (1985 E.C.).
3. Some of the computed ratios of some crops were found to be as high as 150 and over in both years. It was assumed that these figures were unreasonably very high.
4. The yield of some crops were unexpectedly very high in 1992/93(1985 E.C.) & 1993/94 (1986 E.C.).
5. The decrease of the year area or production when compared to that of the previous year results could not be greater than hundred percent (>100%). But such cases were obtained from the reports or the calculations.
6. In some cases the multiplier for a crop were not available either due to not reporting or both years data of the MOA were missing.

7. In some cases a crop might have not been reported in the previous year either by CSA or MOA.

Steps taken to resolve the above problems

1. For 1992/93 the data from 1991/92 CSA survey result were substituted and for 1993/94 the condition factors were computed by comparing the 1992/93 (1985 E.C.) and the 1993/94 (1986 E.C.) assessment results obtained from the field as ratios.
2. In such case, assuming the direction of change of the aggregated crops is the same as that of individual crops, the ratio derived for the aggregated crops were considered to compute the estimates of each pulses and oilseed crop.
3. In these cases, the data from the 1991/92 CSA survey result and the data from the 1992/93 CSA (estimated) results were substituted for 1992/93 (1985 E.C.) and 1993/94 (1986 E.C.) estimates respectively.
4. Here the 1991/92 CSA survey results and the 1992/93 CSA (estimated) results were substituted.
5. These have been corrected by substituting computed ratios (condition factors) which were computed by using the 1992/93 (1985 E.C.) MOA data and 1993/94 (1986 E.C.) assessment results .
6. In these cases the ratio of 1992/93 MOA to that of 1993/94 crop assessment were substituted.
7. In such cases the 1993/94 assessment figure was substituted for that crop.

The above mentioned problems were encountered in about 25 percent of the data.

IV. SUMMARY OF RESULTS

The following tables show

- 1A- The estimated results of area and production for 1992/93 and 1993/94
- 1B- The CSA survey results for 1980 E.C. - 1984 E.C ,
- 1C- The MOA data for 1982/83 E.C. - 1985/86 E.C. for cereal, pulses and oil crops.

As shown in Table 1A in 1992/93 (1985 E.C.) the estimated total area under major crops in the country was found to be 4890.89 thousand hectares, of these 3974.43 thousand hectares (81.26%) was accounted for cereals, 710.19 thousand hectares (14.52%) for pulses and 206.27 thousand hectares (4.22%) for oilseeds. The production estimate in the year is 51850.24 thousand quintals (88.78%) of cereals 5810.76 thousand quintals (9.95%) of pulses and 739.13 thousand quintals (1.27%) of oilseeds.

The estimated total Area under major crops (cereals, pulses and oil seeds) in the country was found to be 6561.18 thousand hectares for the year 1993/94 (1986 E.C.). From these 4714.24 thousand hectares (71.85 %) was accounted for cereals. The others 1611.31 thousand hectares (24.56 %) and 235.63 thousand hectares (3.59 %) were for pulses and oilseed crops respectively.

It is also indicated that, the total production of major crops (cereals , pulses and oil seed) in the country was 53313.56 thousand quintals. As presented in the table, 47403.94 thousand quintals (88.92 %) was cereals, 5091.30 thousand quintals (9.55 %) pulses and 818.32 thousand quintals (1.53 %) oilseed crops.

The area and production of 1993/94, when compared to that of 1992/93 has an increase of 34.15% in area and a decrease of 8.71% in production. This is attributed to the erratic rainfall situations for the season which causes drop in the yield of crops.

In Table 1A the estimated results are presented. When we compare it with the previous surveys estimated results of CSA there is a difference. This happened due to the method used in the estimation of the current results.

From table 1B one can see in the five years that total area has gone to a maximum of 4.82 million hectares and total production to a maximum of 65.92 million quintals in 1983 E.C. While from table 1C it can be seen that total area in the four years has gone to a minimum of 5.34 million hectares and total production to a minimum of 53.6 million quintals in the year 1983 E.C. which was the minimum for MOA and the maximum for CSA.

Table 1A. Summary of the 1992/93 & 1993/94 CSA estimated results (Meher season private holdings)

Type of Crops	AREA				PRODUCTION			
	1992/93		1993/94		1992/93		1993/94	
	000'hect	%	000'hect.	%	000'hect.	%	000'hect.	%
Cereals	3974.43	81.26	4714.24	71.85	51850.24	88.78	47403.94	88.92
Pulses	710.19	14.52	1611.31	24.56	5810.76	9.95	5091.30	9.55
Oilseeds	206.27	4.22	235.63	3.59	739.13	1.27	818.32	1.53
TOTAL	4890.89	100.00	6561.18	100.00	58400.13	100.00	53313.56	100.00

Table 1B. CSA survey estimated Area and Production of Major Crops for 1987/88–1991/92 Private Holdings – Meher Season

Crops	1987/88		1988/89		1989/90		1990/91		1991/92	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
Cereals	3979.32	48142.01	3733.65	46629.11	3815.86	50704.87	3898.63	53201.71	3835.16	45671.36
Pulses	639.24	4964.68	535.23	5142.31	547.43	5934.41	674.10	9586.30	700.61	6241.84
Oilseeds	164.64	680.79	170.35	630.46	200.10	825.76	243.14	3133.22	208.15	870.03
TOTAL	4783.20	53787.48	4439.23	52401.88	4563.39	57465.04	4815.87	65921.23	4743.92	52783.23

Table 1C. MOA data of Area and Production of Major Crops For 1989/90–1993/94 Private Holdings – Meher Season

Crops	1990/91		1991/92		1992/93		1993/94	
	Area	Production	Area	Production	Area	Production	Area	Production
Cereals	4421.89	47752.37	5124.08	52780.02	6348.25	65811.00	7086.86	61075.24
Pulses	645.35	4708.56	958.62	6964.94	1159.22	7345.64	2058.65	7304.56
Oilseeds	271.56	1141.69	336.98	1395.16	375.90	1232.21	457.67	1901.28
TOTAL	5338.80	53602.62	6419.68	61140.12	7883.38	74388.85	9603.18	70281.08

NOTE: If in some tables figures do not add to totals it is because of rounding.

TABLES

TABLE 1. ESTIMATED AREA UNDER MAJOR CROPS FOR 1992/93 (1985 E.C.) - MEHER SEASON

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	('000 HECTARES)						TOTAL	
						OATS	RICE	STALK	MAIZE	SORGHUM	PULSES		OILSEEDS
ADDIS ABABA	76.24	35.99	15.34	24.04	0.03	0.30		0.54	0.20	0.34	31.22	1.08	108.54
NORTH SHOA	191.11	64.31	38.51	78.54		0.54		9.20	2.27	6.93	90.73	15.23	297.07
WEST SHOA	353.35	196.01	51.50	32.45	0.09	1.22		72.08	51.72	20.36	57.51	32.57	443.43
SOUTH SHOA	346.13	83.06	13.05	56.99	1.04	2.69		189.31	175.40	13.91	35.86	0.05	382.04
EAST SHOA	128.21	80.14	4.01	25.83		0.03		18.20	17.84	0.36	24.69	0.08	152.98
ARSI	261.08	36.75	101.41	91.79		5.51		25.63	22.66	2.97	52.30	20.93	334.31
BALE	77.93	3.79	29.75	31.91		8.43		4.06	3.80	0.26	11.65	3.89	93.47
SIDAMO	72.61	7.65	14.70	1.49		0.24		48.52	47.12	1.40	6.29	0.00	78.90
NORTH OMO	136.12	54.47	27.61	7.57	0.96	1.43		44.08	7.29	36.79	40.90	0.20	177.23
SOUTH OMO	8.35	2.12	0.58	0.30	0.02			5.33	3.14	2.19	1.23		9.59
BORENA*	18.51	0.39	3.95	0.87	0.00	0.00	0.00	13.30	13.21	0.09	4.07	0.00	22.58
EAST GOJAM	339.57	179.58	46.97	67.70	0.40	0.06		44.86	32.75	12.11	67.73	25.38	432.67
WEST GOGAM	431.02	172.26	76.06	10.30	90.59	0.06		81.75	81.15	0.59	34.73	38.95	504.69
METEKEL	57.58	18.13	0.16	0.50	15.28			23.50	12.56	10.95	1.55	5.50	64.63
NORTH GONDER	188.69	62.73	26.73	13.47	13.93	1.87		69.95	10.31	59.64	45.87	11.15	245.71
SOUTH GONDER	162.54	70.28	31.28	19.10	18.65	0.03		23.20	17.01	6.19	49.59	21.58	233.71
WEST HARERGHE	116.64	29.95	4.24	2.90		1.33		78.22	18.75	59.47	21.84	0.00	138.48
EAST HARERGHE*	92.26	0.97	3.23	9.42	0.00	0.52	0.00	78.12	26.96	51.16	9.75	5.18	107.19
DIRE DAWA*	2.74	0.00	0.00	0.00	0.00	0.00	0.00	2.74	0.26	2.48	0.01	0.00	2.75
GAMBELLA*	3.00	0.24	0.26	0.08	0.00	0.00	0.00	2.42	1.68	0.74	0.17	0.00	3.17
ILLUBABOR	305.50	114.16	13.86	11.86	5.99	0.39		159.24	109.23	50.01	30.98	3.76	340.24
KEFFA	81.94	11.08	4.96	1.72	9.85			54.33	37.06	17.27	14.29	0.41	96.64
WELLEGA	240.44	84.51	12.37	2.34	16.75	0.09		124.38	91.91	32.47	17.76	18.40	276.60
ASSOSA*	9.63	1.47	0.06	0.01	2.43	0.00	0.00	5.66	3.19	2.47	0.27	0.72	10.62
NORTH WOLLO*	80.37	22.25	23.68	15.67	0.02	0.76	0.00	17.99	3.72	14.27	15.71	0.21	96.29
SOUTH WOLLO*	192.88	53.36	30.87	48.60	0.00	3.79	0.00	56.26	17.75	38.51	43.50	1.02	237.40
TIGRAY	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3974.43	1385.66	575.12	555.45	176.04	29.29	0.00	1252.87	808.94	443.93	710.19	206.27	4890.90

* Regions with figures corrected where one or the other problems mentioned occurred.

TABLE 2. ESTIMATED PRODUCTION OF MAJOR CROPS FOR 1992/93(1985 E.C.) - MEHER SEASON

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK CROPS		MAIZE	SORGHUM	PULSES	OILSEEDS	TOTAL
ADDIS ABABA	893.4647	365.42	163.62	353.72		3.80		6.90		2.58	4.32	262.84	4.64	1160.94
NORTH SHOA	2168.386	723.74	472.53	784.71		4.84		182.56		45.57	136.99	830.01	55.34	3053.74
WEST SHOA	3320.658	1489.21	540.54	339.24	0.26	8.81		942.60		596.78	345.82	359.46	106.13	3786.25
SOUTH SHOA	6321.888	925.99	254.43	921.52	12.56	34.28		4173.11		3992.35	180.76	420.75	0.20	6742.84
EAST SHOA	1454.824	898.21	67.85	320.65		0.35		167.77		163.03	4.74	217.89	0.32	1673.04
ARSI	5548.781	386.50	2399.81	2318.12		113.95		330.40		260.34	70.07	454.96	121.79	6125.54
BALE	1257.797	54.30	483.64	568.25		76.27		75.34		74.32	1.02	97.96	35.20	1390.95
SIDAMO	1731.196	81.63	218.14	28.25		3.17		1400.01		1383.84	16.17	96.20	0.01	1827.41
NORTH OMO	1112.54	375.60	374.46	57.30	0.00	11.67		293.51		19.42	274.09	280.42	0.96	1393.92
SOUTH OMO	107.5932	22.85	6.86	5.06	0.11			72.72		34.83	37.89	15.21		122.81
BORENA*	293.15	0.00	44.05	7.52	0.00	0.00	0.00	241.58		241.58	0.00	57.56	0.00	350.71
EAST GOJAM	4222.191	2112.89	457.00	986.83	3.16	0.41		661.91		451.72	210.19	563.99	105.31	4891.49
WEST GOGAM	4380.701	1500.39	636.51	96.68	717.15	0.04		1429.93		1424.55	5.38	186.59	78.70	4646.00
METEKEL	388.7148	118.17	0.93	2.88	85.37			181.36		109.63	71.74	9.25	29.63	427.60
NORTH GONDER	1573.676	572.73	201.77	80.24	132.80	10.17		575.96		70.71	505.26	306.10	33.02	1912.80
SOUTH GONDER	1603.52	651.11	363.26	291.02	145.34	0.05		152.74		118.13	34.61	304.50	71.55	1979.57
WEST HARERGHE	1804.859	222.19	45.89	36.27		16.23		1484.28		149.17	1335.11	43.70	0.19	1848.75
EAST HARERGHE*	1005.24	9.23	38.25	181.89	0.00	5.23	0.00	770.64		262.83	507.81	124.88	10.08	1140.20
DIRE DAWA*	29.02	0.00	0.00	0.00	0.00	0.00	0.00	29.02		1.52	27.50	0.06	0.00	29.08
GAMBELLA*	44.09	2.31	1.55	1.16	0.00	0.00	0.00	39.07		25.39	13.68	2.12	0.00	46.21
ILLUBABOR	4259.445	1434.35	182.99	140.07	65.85	5.33		2430.86		1580.17	850.69	281.44	14.28	4555.16
	1381.033	117.03	71.21	15.33	69.01			1108.46		829.82	278.63	122.92	0.47	1504.42
WELLEGA	3152.5	719.21	152.20	36.60	103.14	0.64		2140.71		1669.08	471.64	136.28	66.02	3354.80
ASSOSA*	88.65	6.28	0.36	0.13	17.58	0.00	0.00	64.30		39.10	25.20	1.41	1.40	91.46
NORTH WOLLO*	887.64	191.43	265.92	174.02	0.18	10.74	0.00	245.35		54.07	191.28	96.30	0.24	984.18
SOUTH WOLLO*	2818.68	578.97	388.35	829.82	0.00	56.53	0.00	965.01		314.99	650.02	537.95	3.64	3360.27
TIGRAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	51850.24	13559.71	7832.12	8577.27	1352.52	362.52	0.00	20166.10		13915.52	6250.59	5810.76	739.13	58400.13

* Regions with figures corrected where one or the other problems mentioned occurred.

TABLE 3. ESTIMATED YIELD PER HECTARE OF MAJOR CROPS FOR 1992/93 (1985 E.C.) - MEHER SEASON

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK CROPS	MAIZE	SORGHUM	(Quintals/Hectar)		TOTAL
											PULSES	OILSEEDS	
ADDIS ABABA	11.72	10.15	10.67	14.72	0.00	12.67		12.82	12.71	12.89	8.42	4.28	10.70
NORTH SHOA	11.35	11.25	12.27	9.99		8.96		19.84	20.05	19.77	9.15	3.63	10.28
WEST SHOA	9.40	7.60	10.50	10.45	2.89	7.22		13.08	11.54	16.99	6.25	3.26	8.54
SOUTH SHOA	18.26	11.15	19.50	16.17	12.10	12.74		22.04	22.76	12.99	11.73	4.00	17.65
EAST SHOA	11.35	11.21	16.92	12.41		11.67		9.22	9.14	13.22	8.82	3.86	10.94
ARSI	21.25	10.52	23.67	25.26		20.70		12.89	11.49	23.56	8.70	5.82	18.32
BALE	16.14	14.31	16.26	17.81		9.05		18.55	19.56	3.90	8.41	9.05	14.88
SIDAMO	23.84	10.67	14.84	18.90		13.21		28.85	29.37	11.54	15.29	ERR	23.16
NORTH OMO	8.17	6.90	13.56	7.57	0.00	8.14		6.66	2.66	7.45	6.86	4.73	7.87
SOUTH OMO	12.88	10.78	11.85	16.87	5.33			13.64	11.08	17.30	12.32	ERR	12.81
BORENA	15.84	0.00	11.15	8.64				18.16	18.29	0.00	14.14	ERR	15.53
EAST GOJAM	12.43	11.77	9.73	14.58	7.89	6.83		14.76	13.79	17.36	8.33	4.15	11.31
WEST GOGAM	10.16	8.71	8.37	9.38	7.92	0.69		17.49	17.55	9.07	5.37	2.02	9.21
METEKEL	6.75	6.52	5.81	5.76	5.59			7.72	8.73	6.55	5.96	5.39	6.62
NORTH GONDER	8.34	9.13	7.55	5.96	9.53	5.44		8.23	6.85	8.47	6.67	2.96	7.78
SOUTH GONDER	9.87	9.26	11.61	15.24	7.79	2.00		6.58	6.94	5.59	6.14	3.32	8.47
WEST HARERGHE	15.47	7.42	10.82	12.51		12.20		18.98	7.96	22.45	2.00		13.35
EAST HARERGHE	10.90	9.52	11.84	19.31		10.06		9.86	9.75	9.93	12.81	1.95	10.64
DIRE DAWA	10.59							10.59	5.85	11.09	6.00		10.57
GAMBELLA	14.70	9.63	5.96	14.50				16.14	15.11	18.49	12.47		14.58
ILLUBABOR	13.94	12.56	13.20	11.81	10.99	13.60		15.27	14.47	17.01	9.08	3.80	13.39
KEFFA	16.85	10.57	14.35	8.92	7.00			20.40	22.39	16.13	8.60	1.15	15.57
WELLEGA	13.11	8.51	12.30	15.65	6.16	7.09		17.21	18.16	14.53	7.67	3.59	12.13
ASSOSA	9.21	4.27	6.00	13.00	7.23			11.36	12.26	10.20	5.22	1.94	8.61
NORTH WOLLO	11.04	8.60	11.23	11.11	9.00	14.13		13.64	14.53	13.40	6.13	1.14	10.22
SOUTH WOLLO	14.61	10.85	12.58	17.07		14.92		17.15	17.75	16.88	12.37	3.57	14.15
TIGRAY													
TOTAL	13.05	9.79	13.62	15.44	7.68	12.38		16.10	17.20	14.08	8.18	3.58	11.94

TABLE 4. ESTIMATED AREA UNDER PULSES AND OILSEEDS CROPS FOR 1992/93 (1985 E.C.) - MEHER SEASON

REGION	('000 HECTARES)											
	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH	FENUGREE	OIL SEEDS	NEUG	LINSEED	RAPE SEED
ADDIS ABABA	31.22	10.38	1.74	6.53	8.84	0.00	3.42	0.31	1.08	0.38	0.66	0.04
NORTH SHOA	90.73	55.99	10.19	12.43	7.92	0.00	3.62	0.59	15.23	11.88	3.35	0.00
WEST SHOA	57.51	16.69	1.64	3.08	21.87	0.01	13.49	0.73	32.57	27.07	4.53	0.97
SOUTH SHOA	35.86	20.40	6.37	0.74	3.79	2.48	2.01	0.07	0.05	0.00	0.05	0.00
EAST SHOA	24.69	4.48	6.07	1.31	6.73	3.35	2.66	0.09	0.08	0.00	0.04	0.05
ARSI	52.30	27.67	16.44	2.37	0.16	4.58	0.85	0.22	20.93	0.90	19.53	0.49
BALE	11.65	4.43	5.25	0.90	0.71	0.16	0.16	0.06	3.89	0.05	3.84	0.00
SIDAMO	6.29	2.30	1.81	0.00	0.00	2.16	0.00	0.02	0.00	0.00	0.00	0.00
NORTH OMO	40.90	7.90	24.96	0.70	1.93	5.37	0.04	0.00	0.20	0.00	0.20	0.00
SOUTH OMO	1.23	0.52	0.69	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
BORENA*	4.07	1.36	0.65	0.00	0.02	2.04	0.00	0.00	0.00	0.00	0.00	0.00
EAST GOJAM	67.73	22.20	10.42	3.63	14.38	0.00	15.98	1.13	25.38	17.32	6.47	1.58
WEST GOGAM	34.73	13.96	6.93	0.22	6.19	0.01	7.23	0.19	38.95	28.90	9.28	0.78
METEKEL	1.55	0.19	0.00	0.00	1.25	0.11	0.00	0.00	5.50	5.13	0.01	0.35
NORTH GONDER	45.87	15.28	7.95	0.03	19.19	0.00	2.84	0.58	11.15	9.37	1.70	0.08
SOUTH GONDER	49.59	17.99	2.25	2.73	10.81	0.00	15.82	0.00	21.58	13.09	8.26	0.22
WEST HARERGHE	21.84	4.46	0.60	0.92	2.01	10.20	3.21	0.44	0.00	0.00	0.00	0.00
EAST HARERGHE*	9.75	3.22	1.65	0.52	0.00	2.81	0.00	1.55	5.18	5.02	0.16	0.00
DIRE DAWA*	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GAMBELLA*	0.17	0.16	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ILLUBABOR	30.98	16.36	11.06	0.46	1.57	1.44	0.06	0.02	3.76	2.36	1.40	0.00
KEFFA	14.29	7.50	4.38	0.00	0.00	2.39	0.01	0.00	0.41	0.37	0.04	0.00
WELLEGA	17.76	9.60	4.52	0.04	1.03	2.38	0.08	0.10	18.40	18.21	0.19	0.00
ASSOSA*	0.27	0.14	0.00	0.00	0.03	0.09	0.01	0.00	0.72	0.72	0.00	0.00
NORTH WOLLO*	15.71	6.56	3.64	3.82	1.07	0.00	0.61	0.01	0.21	0.00	0.21	0.00
SOUTH WOLLO*	43.50	28.42	9.84	4.30	0.25	0.23	0.41	0.05	0.00	0.00	0.00	0.00
TIGRAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.60	0.42	0.00
TOTAL	710.19	298.16	139.07	44.75	109.74	42.22	72.50	6.14	206.27	141.37	60.34	4.57

* Regions with figures corrected where one or the other problems mentioned occurred.

TABLE 4.5. ESTIMATED PRODUCTION OF PULSES AND OILSEED CROPS FOR 1992/93(1985 E.C.) - MEHER SEASON
(⁰⁰⁰ QUINTALS)

REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK PEAS	HARICOT BEANS	VETCH	FENUGREEK	OIL SEEDS	NEUG	LINSEED	RAPE SEED
ADDIS ABABA	262.84	89.75	15.15	37.96	88.22	0.00	29.75	2.01	4.64	0.78	3.53	0.33
NORTH SHOA	830.01	545.55	86.72	98.14	93.71	0.00	0.14	5.75	55.34	45.67	9.67	0.00
WEST SHOA	359.46	132.01	10.24	10.77	106.52	0.00	97.35	2.57	106.13	79.94	16.68	9.51
SOUTH SHOA	420.75	312.81	56.24	6.29	17.42	14.90	12.59	0.50	0.20	0.00	0.20	0.00
EAST SHOA	217.89	52.70	57.60	7.58	57.15	16.00	26.50	0.36	0.32	0.00	0.10	0.23
ARSI	454.96	305.25	122.42	4.95	2.85	18.62	0.48	0.39	121.79	2.21	114.99	4.59
BALE	97.96	58.36	36.65	1.65	1.21	0.00	0.00	0.09	35.20	0.10	35.10	0.00
SIDAMO	96.20	44.05	37.09	0.00	0.00	15.06	0.00	0.00	0.01	0.00	0.01	0.00
NORTH OMO	280.42	82.68	153.75	2.65	8.31	32.90	0.13	0.00	0.96	0.00	0.96	0.00
SOUTH OMO	15.21	7.84	7.29	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
BORENA*	57.56	15.18	4.70	0.00	0.10	37.58	0.00	0.00	0.00	0.00	0.00	0.00
EAST GOJAM	563.99	248.18	85.52	16.46	0.00	91.05	116.66	6.12	105.31	66.51	24.65	14.14
WEST GOGAM	186.59	92.61	16.66	0.00	29.74	0.00	47.32	0.26	78.70	59.63	15.72	3.35
METEKEL	9.25	0.93	0.00	0.00	7.96	0.36	0.00	0.00	29.63	20.74	0.00	8.89
NORTH GONDER	306.10	119.21	43.03	0.33	115.81	0.00	25.00	2.72	33.02	29.58	3.12	0.33
SOUTH GONDER	304.50	138.32	19.04	18.37	42.10	0.00	86.67	0.00	71.55	43.58	26.29	1.68
WEST HARERGHE	43.70	9.56	1.39	1.35	1.44	29.70	0.00	0.25	0.19	0.00	0.19	0.00
EAST HARERGHE*	124.88	63.60	30.16	0.00	0.00	20.57	0.00	10.55	10.08	9.40	0.68	0.00
DIRE DAWA*	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GAMBELLA*	2.12	2.05	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
ILLUBABOR	281.44	186.93	75.16	1.59	10.01	7.50	0.23	0.02	14.28	10.19	4.09	0.00
KEFFA	122.92	73.88	36.40	0.00	0.00	12.64	0.00	0.00	0.47	0.45	0.02	0.00
WELLEGA	136.18	92.80	22.32	0.06	6.19	14.35	0.10	0.37	66.02	65.47	0.55	0.00
ASSOSA*	1.41	1.00	0.00	0.00	0.01	0.38	0.02	0.00	1.40	1.40	0.00	0.00
NORTH WOLLO*	96.30	45.81	16.68	16.22	9.74	0.00	7.81	0.04	0.24	0.00	0.24	0.00
SOUTH WOLLO*	537.95	399.88	103.16	25.97	2.36	2.81	3.65	0.12	3.64	2.35	1.29	0.00
TIGRAY												
TOTAL	5810.66	3120.96	1037.43	250.32	600.85	314.57	454.41	32.12	739.13	437.99	258.08	43.05

* Regions with figures corrected where one or the other problems mentioned occurred.

TABLE 6. ESTIMATED YIELD PER HECTARE OF PULSES AND OILSEEDS FOR 1992/93 (1985 E.C.) - MEHER SEASON

REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK HARICOT		VETCH	FENUGREEK	OIL SEEDS	NEUG	LINSEED	RAPE SEED
					PEAS	BEANS						
ADDIS ABABA	8.42	8.65	8.71	5.81	9.98		8.70	6.55	4.28	2.05	5.37	7.30
NORTH SHOA	9.15	9.74	8.51	7.89	11.84		0.04	9.76	3.63	3.85	2.89	
WEST SHOA	6.25	7.91	6.25	3.49	4.87	0.00	7.22	3.54	3.26	2.95	3.68	9.78
SOUTH SHOA	11.73	15.33	8.83	8.51	4.60	6.01	6.26	7.63	4.03		4.25	0.00
EAST SHOA	8.82	11.77	9.49	5.77	8.49	4.78	9.98	4.04	3.86		2.67	4.75
ARSI	8.70	11.03	7.45	2.09	17.55	4.06	0.56	1.73	5.82	2.46	5.89	9.30
BALE	8.41	13.18	6.98	1.83	1.70	0.00	0.00	1.66	9.05	1.98	9.14	
SIDAMO	15.29	19.14	20.45			6.98		0.00				
NORTH OMO	6.86	10.47	6.16	3.79	4.31	6.13	3.25		4.73		4.73	
SOUTH OMO	12.32	14.99	10.50			4.51						
BORENA	14.14	11.16	7.23		5.00	18.42						
EAST GOJAM	8.33	11.18	8.21	4.54	0.00		7.30	5.43	4.15	3.84	3.81	8.94
WEST GOGAM	5.37	6.63	2.41	0.00	4.81	0.00	6.54	1.36	2.02	2.06	1.69	4.32
METEKEL	5.96	4.97			6.38	3.11			5.39	4.04	0.00	25.26
NORTH GONDER	6.67	7.80	5.41	9.62	6.04		8.81	4.70	2.96	3.16	1.84	4.12
SOUTH GONDER	6.14	7.69	8.45	6.73	3.90		5.48		3.32	3.33	3.18	7.60
WEST HARERGHE	2.00	2.15	2.32	1.46	0.72	2.91	0.00	0.57				
EAST HARERGHE	12.81	19.75	18.28	0.00		7.32		6.81	1.95	1.87	4.25	
DIRE DAWA	6.00		6.00									
GAMBELLA	12.47	12.81				7.00						
ILLUBABOR	9.08	11.43	6.79	3.42	6.37	5.20	3.92	0.94	3.80	4.32	2.92	
KEFFA	8.60	9.85	8.30			5.29	0.00		1.15	1.22	0.50	
WELLEGA	7.67	9.67	4.94	1.34	6.03	6.02	1.21	3.54	3.59	3.60	2.93	
ASSOSA	5.22	7.14			0.33	4.22	2.00		1.94	1.94		
NORTH WOLLO	6.13	6.98	4.58	4.25	9.10		12.80	4.00	1.14		1.14	
SOUTH WOLLO	12.37	14.07	10.48	6.04	9.44	12.22	8.90	2.40				
TIGRAY									0.00	0.00	0.00	
TOTAL	8.18	10.47	7.46	5.59	5.48	7.90	6.27	5.23	3.58	3.10	4.28	9.42

TABLE 1. ESTIMATED AREA OF MAJOR CROPS BY REGION FOR
1993/94 (1986 E.C.) MEHER SEASON PRIVATE HOLDINGS

REGION\CROP	'000 HECTARES			
	CEREALS	PULSES	OIL SEEDS	TOTAL
1	640.041	886.083	6.688	1532.812
2	0.104	0.002	0	0.106
3	1543.119	354.74	105.805	2003.664
4	1942.066	282.075	122.152	2346.293
5	—	—	—	—
6	—	—	—	—
SOUTH ETHIOPIA	573.976	70.684	0.98	645.64
12	—	—	—	—
13	8.955	0.104	0	9.059
14	3.24	17.62	0.006	20.866
DIRE DAWA	2.74	0	0	2.74
TOTAL	4714.241	1611.308	235.631	6561.18

TABLE 2. ESTIMATED PRODUCTION OF MAJOR CROPS BY REGION FOR
1993/94 (1986 E.C.) MEHER SEASON PRIVATE HOLDINGS

REGION\CROP	'000 QUINTALS			
	CEREALS	PULSES	OIL SEEDS	TOTAL
1	3526.717	217.068	17.806	3761.591
2	0.319	0.009	0	0.328
3	15923.09	2318.031	312.069	18553.19
4	19531.26	1815.014	484.965	21831.24
5	—	—	—	—
6	—	—	—	—
SOUTH ETHIOPIA	8324.457	558.638	3.466	8886.561
12	—	—	—	—
13	40.384	0.67	0	41.054
14	39.012	181.866	0.017	220.895
DIRE DAWA	18.7	0	0	18.7
TOTAL	47403.94	5091.296	818.323	53313.56

TABLE 3. ESTIMATED YIELD OF MAJOR CROPS BY REGION FOR
1993/94 (1986 E.C.) MEHER SEASON PRIVATE HOLDINGS

REGION\CROP	QUINTALS/HECTARE			
	CEREALS	PULSES	OIL SEEDS	TOTAL
1	5.51	0.24	2.66	2.45
2	3.07	4.50	—	3.09
3	10.32	6.53	2.95	9.26
4	10.06	6.43	3.97	9.30
5	—	—	—	—
6	—	—	—	—
SOUTH ETHIOPIA	14.50	7.90	3.54	13.76
12	—	—	—	—
13	4.51	6.44	—	4.53
14	12.04	10.32	2.83	10.59
DIRE DAWA	6.82	—	—	6.82
TOTAL	10.06	3.16	3.47	8.13

Table 4. Estimated Area of Cereals by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 HECTARES)								
REGION	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SURGHUM	MILLET	OATS
KILIL 1	640.041	87.708	63.037	120.830	57.542	219.552	91.222	0.150
KILIL 2	0.104	0.000	0.000	0.000	0.102	0.003	0.000	0.000
KILIL 3	1543.119	518.728	265.281	278.047	180.178	167.604	125.244	8.036
KILIL 4	1942.066	626.885	297.841	286.625	409.796	273.795	30.684	16.439
KILIL 5	—	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—	—
S.ETHIOPIA	573.976	149.315	67.828	51.612	251.006	51.900	2.244	0.071
KILIL 12	—	—	—	—	—	—	—	—
KILIL 13	8.955	0.000	0.895	0.000	3.595	4.465	0.000	0.000
KILIL 14	3.240	1.695	1.123	0.137	0.000	0.285	0.000	0.000
DIREDAWA	2.740	0.000	0.000	0.000	0.260	2.480	0.000	0.000
TOTAL	4714.240	1384.332	696.005	737.250	902.479	720.085	249.393	24.696

Table 5. Estimated Production of Cereals by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 QUINTALS)								
REGION	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SORGHUM	MILLET	OATS
KILIL 1	3526.717	294.860	304.625	525.142	378.998	1542.058	480.434	0.600
KILIL 2	0.319	0.000	0.000	0.000	0.307	0.012	0.000	0.000
KILIL 3	15923.091	5512.600	2788.821	2467.413	2438.580	1619.889	1009.343	86.445
KILIL 4	19531.264	5024.403	3517.294	4014.701	3337.580	3182.867	244.107	210.311
KILIL 5	—	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—	—
S.ETHIOPIA	8324.457	1515.090	885.771	492.778	4956.996	452.549	21.211	0.063
KILIL 12	—	—	—	—	—	—	—	—
KILIL 13	40.384	0.000	10.082	0.000	14.623	15.679	0.000	0.000
KILIL 14	39.012	21.011	16.413	1.424	0.000	0.164	0.000	0.000
DIREDAWA	18.696	0.000	0.000	0.000	0.821	17.875	0.000	0.000
TOTAL	47403.940	12367.964	7523.005	7501.457	11127.905	6831.094	1755.095	297.419

Table 6. Estimated Yields of Cereals by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

Quintals/Hectares								
REGION	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SURGHUM	MILLET	OATS
KILIL 1	5.510	3.362	4.832	4.346	6.586	7.024	5.267	4.000
KILIL 2	3.064	0.000	0.000	0.000	3.020	4.832	0.000	0.000
KILIL 3	10.319	10.627	10.513	8.874	13.534	9.665	8.059	10.757
KILIL 4	10.057	8.015	11.809	14.007	8.144	11.625	7.956	12.793
KILIL 5	—	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—	—
S.ETHIOPIA	14.503	10.147	13.059	9.548	19.749	8.720	9.454	0.887
KILIL 12	—	—	—	—	—	—	—	—
KILIL 13	4.510	0.000	11.265	0.000	4.068	3.511	0.000	0.000
KILIL 14	12.043	12.394	14.621	10.428	0.000	0.576	0.000	0.000
DIREDAWA	6.823	0.000	0.000	0.000	3.157	7.208	0.000	0.000
TOTAL	10.055	8.934	10.809	10.175	12.330	9.487	7.037	12.043

— Data not Reported
0.000 — Data not Available

Table 7.

Estimated Area of Pulses by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 HECTARES)

REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
KILIL 1	886.083	15.017	8.382	6.178	14.536	834.609	7.361
KILIL 2	0.000	0.000	0.000	0.000	0.000	0.000	0.000
KILIL 3	354.740	164.556	52.552	18.893	56.867	7.938	53.934
KILIL 4	282.075	115.361	58.040	15.225	42.565	25.096	25.788
KILIL 5	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—
S.ETHIOPIA	70.684	25.456	22.880	4.071	7.932	10.331	0.014
KILIL 12	—	—	—	—	—	—	—
KILIL 13	0.104	0.000	0.000	0.000	0.000	0.104	0.000
KILIL 14	17.620	4.562	0.030	3.043	7.603	0.000	2.382
DIREDAWA	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	1611.309	324.952	141.884	47.411	129.505	878.078	89.479

Table 8.

Estimated Production of Pulses by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 QUINTALS)

REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK PEAS	HARICOT BEANS	VETCH
KILIL 1	217.068	69.164	30.074	19.698	62.092	2.859	33.181
KILIL 2	0.009	0.000	0.000	0.000	0.009	0.000	0.000
KILIL 3	2318.031	1250.015	301.501	110.384	290.640	51.090	314.401
KILIL 4	1815.014	934.342	337.155	67.035	254.662	95.691	126.128
KILIL 5	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—
S.ETHIOPIA	558.638	283.816	168.052	18.718	27.642	60.410	0.000
KILIL 12	—	—	—	—	—	—	—
KILIL 13	0.670	0.000	0.000	0.000	0.000	0.670	0.000
KILIL 14	181.866	46.666	0.160	25.149	83.258	0.000	26.632
DIREDAWA	—	—	—	—	—	—	—
TOTAL	5091.296	2584.002	836.943	240.984	718.304	210.720	500.342

Table 9.

Estimated Yields of Pulses by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

Quintals/Hectar

REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
KILIL 1	0.245	4.606	3.588	3.188	4.272	0.003	4.508
KILIL 2	5.143	0.000	0.000	0.000	5.143	0.000	0.000
KILIL 3	6.534	7.596	5.737	5.843	5.111	6.436	5.829
KILIL 4	6.434	8.099	5.809	4.403	5.983	3.813	4.891
KILIL 5	—	—	—	—	—	—	—
KILIL 6	—	—	—	—	—	—	—
S.ETHIOPIA	7.903	11.149	7.345	4.598	3.485	5.848	0.000
KILIL 12	—	—	—	—	—	—	—
KILIL 13	6.443	0.000	0.000	0.000	0.000	6.443	0.000
KILIL 14	10.321	10.229	5.296	8.263	10.951	0.000	11.182
DIREDAWA	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	3.160	7.952	5.899	5.083	5.547	0.240	5.592

— Data not Reported
0.000 — Data not Available

Table 10.

Estimated Area of Oil Crops by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 HECTARES)

REGION	OIL SEEDS	NEUG	LINSEED	RAPE SEED
KILIL 1	6.688	1.953	4.732	0.003
KILIL 2	0.000	0.000	0.000	0.000
KILIL 3	105.805	73.579	30.082	2.144
KILIL 4	122.152	74.311	42.705	5.136
KILIL 5	—	—	—	—
KILIL 6	—	—	—	—
S.ETHIOPIA	0.980	0.339	0.325	0.315
KILIL 12	—	—	—	—
KILIL 13	0.000	0.000	0.000	0.000
KILIL 14	0.006	0.000	0.006	0.000
DIREDAWA	0.000	0.000	0.000	0.000
TOTAL	235.632	150.182	77.851	7.599

Table 11.

Estimated Production of Oil Crops by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

('000 QUINTALS)

REGION	OIL SEEDS	NEUG	LINSEED	RAPE SEED
KILIL 1	17.806	5.020	12.750	0.036
KILIL 2	0.000	0.000	0.000	0.000
KILIL 3	312.068	209.355	79.404	23.310
KILIL 4	484.965	202.190	246.996	35.780
KILIL 5	—	—	—	—
KILIL 6	—	—	—	—
S.ETHIOPIA	3.466	0.566	1.317	1.583
KILIL 12	—	—	—	—
KILI 13	0.000	0.000	0.000	0.000
KILIL 14	0.017	0.000	0.017	0.000
DIREDAWA	0.000	0.000	0.000	0.000
TOTAL	818.321	417.130	340.483	60.708

Table 12.

Estimated Yields of Oil Crops by Region for 1993/94 (1986 E.C.)
Meher Season private holdings

Quintal/Hectar

REGION	OIL SEEDS	NEUG	LINSEED	RAPE SEED
KILIL 1	2.662	2.570	2.694	12.000
KILIL 2	0.000	0.000	0.000	0.000
KILIL 3	2.949	2.845	2.640	10.874
KILIL 4	3.970	2.721	5.784	6.966
KILIL 5	—	—	—	—
KILIL 6	—	—	—	—
S.ETHIOPIA	3.538	1.670	4.048	5.017
KILI 12	—	—	—	—
KILI 13	0.000	0.000	0.000	0.000
KILIL 14	2.712	0.000	2.712	0.000
DIREDAWA	0.000	0.000	0.000	0.000
TOTAL	3.473	2.778	4.374	7.989

— Data not Reported
0.000 — Data not Available

ANNEX TABLES

TABLE 1. 1991/92 AREA DATA OF 'MOA' BY REGION - MEHER SEASON

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	('000 HECTARES)					TOTAL
								STALK CROPS	MAIZE	SORGHUM	PULSES	OILSEEDS	
ADDISABABA	142.475	51.899	15.914	51.146				1.126	0.414	0.892	21.128	0.798	164.401
NORTH SHOA	319.406	83.774	91.185	72.561				71.884	15.179	56.705	140.609	15.146	475.151
WEST SHOA	606.9	216.1	178.5	126				86.1	51.8	14.1	94.7	56.1	757
SOUTH SHOA	561.57	136.115	56.464	125.234	3.753			240.004	217.717	22.287	66.126	0.715	628.411
EAST SHOA	267.037	130.689	15.571	77.572				43.205	27.738	15.467	43.757	0.035	310.829
ARSI	478.648	51.535	177.337	178.299		3.879		67.598	38.06	29.538	60.269	25.123	564.04
BALE	101.562	3.939	44.902	39.244		9.878		3.599	1.842	1.757	12.339	7.827	121.728
SIDAMO	93.949	8.503	25.763	20.982				38.701	37.935	0.766	17.746	0.045	111.74
NORTH OMO	121.32	45.697	40.996	21.472	0.07	0.055		13.03	4.035	8.995	37.26	0.688	159.268
SOUTH OMO	12.7	4.1	0.6	0.4	0.3			7.3	3.5	3.8	2.28		14.98
BORENA	27.13	5.74	4.8	0.89				15.7	11.51	4.19	1.97		29.1
EAST GOJAM	284.045	149.025	54.548	59.951	0.35			20.171	14.617	5.554	95.088	35.777	414.91
WEST GOGAM	458.699	212.058	82.133	39.36	51.445	1.558		72.115	64.75	7.395	70.286	59.458	588.443
METEKEL	45.59	14.445	0.404	0.43	13.19			17.121	6.339	10.782	1.898	3.328	50.816
NORTH GONDER	368.391	81.495	69.183	27.052	46.386	2.845		141.43	15.65	125.78	89.146	47.366	504.903
SOUTH GONDER	378.543	137.66	86.154	58.459	30.303	0.356		65.611	25.881	39.73	118.685	39.636	536.864
WEST HARERGHE	67.54	1.025	1.583	0.82				64.112	14.82	49.292	2.257	0.1	69.897
EAST HARERGHE	165.188	1.331	12.886	15.68		2.446		132.845	55.526	77.319	19.463	9.04	193.691
DIRE DAWA	6.792							6.792	0.76	6.032	0.281	0.759	7.832
GAMBELLA	0							0					0
ILLUBABOR	228.742	86.815	23.412	17.963	5.193	0.413		94.946	67.863	27.083	25.931	4.916	259.589
KEFFA	87.474	17.98	10.204	2.795	0.942			55.553	41.263	14.29	16.109		103.583
WELLEGA	300.38	114.339	27.853	12.462	36.74	0.542		108.444	72.824	35.62	21.291	30.136	351.807
ASSOSA	0							0					0
NORTH WOLLO	0							0					0
SOUTH WOLLO	0							0					0
TIGRAY	0							0					0
TOTAL	5124.081	1556.464	1040.392	948.964	188.672	21.972	0	1367.617	790.043	577.574	958.619	336.983	6419.683

TABLE 2. 1992/93 AREA DATA OF 'MOA' BY REGION - MEHER SEASON

REGION	(000' HECTARES)												TOTAL
	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK	MAIZE	SORGHUM	PULSES	OILSEEDS	
	CROPS												
ADDIS ABABA	139.521	54.511	27.612	56.217	0	0	0	1.181	0.326	0.855	24.011	0.89	164.422
NORTH SHOA	375.099	103.653	88.597	82.671	0	0.17	0	100.008	14.433	85.575	159.49	20.617	555.206
WEST SHOA	665.935	224.454	177.502	128.894	0.12	0	0	134.965	73.175	61.79	87.184	55.109	808.228
SOUTH SHOA	596.394	118.626	53.041	130.407	5.194	0	0	289.126	250.656	38.47	61.857	0.188	658.439
EAST SHOA	268.079	133.242	16.347	87.057	0	0	0	31.433	26.304	5.129	45.85	0.042	311.971
ARSI	420.428	45.789	160.45	168.3	0	4.03	0	41.859	25.439	16.42	61.231	28.189	509.848
BALE	109.237	4.642	43.766	45.366	0	11.156	0	4.307	2.473	1.834	13.692	7.969	130.898
SIDAMO	89.631	6.75	32.168	11.12	0	0	0	39.593	39.089	0.504	16.943	0	106.574
NORTH OMO	150.833	56.639	52.108	24.976	1.01	0.054	0	16.046	4.698	11.348	58.755	0.819	210.407
SOUTH OMO	12.38	4.12	0.39	0.68	0.21	0	0	6.98	3.78	3.2	1.955	0	14.335
BORENA	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST GOJAM	308.016	152.949	47.988	62.568	0.35	8.979	0	35.182	19.65	15.532	94.016	30.588	432.62
WEST GOGAM	482.688	214.282	87.663	38.143	66.246	1.429	0	74.925	67.847	7.078	53.281	59.121	595.09
METEKEL	52.026	16.177	1.174	2.805	12.703	0	0	19.167	8.072	11.095	1.975	3.445	57.446
NORTH GONDER	433.339	98.316	74.579	34.211	57.761	5.585	0	162.887	19.783	143.104	101.207	53.601	588.147
SOUTH GONDER	353.993	135.221	74.714	47.193	32.442	0.456	0	63.967	24.324	39.643	110.491	41.62	506.104
WEST HARERGHE	68.326	1.204	3.011	2.108	0	0	0	62.003	12.809	49.194	2.818	0	71.144
EAST HARERGHE	99.114	0	0	0	0	0	0	88.692	0	0	3.727	0.611	103.452
DIRE DAWA	0	0	0	0	0	0	0	0	0	0	0	0	0
GAMBELLA	2.926	0	0	0	0	0	0	2.926	2.327	0.599	0	0	2.926
ILLUBABOR	229.436	85.398	18.998	18.448	8.133	0.289	0	98.17	68.113	30.057	25.617	4.527	259.58
KEFFA	97.404	17.5	9.024	2.91	0.97	0	0	67	48	19	16.58	0.088	114.072
WELLEGA	312.607	115.417	27.177	11.34	37.62	0.587	0	120.466	81.656	38.81	22.073	31.588	366.268
ASSOSA	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WOLLO	293.69	78.917	40.308	77.928	2.827	0	4.738	88.972	18.246	70.726	67.579	12.933	374.202
SOUTH WOLLO	265.22	75.753	39.415	63.067	0.858	8.358	0	77.769	19.483	58.286	80.633	6.846	352.699
TIGRAY	521.929	107.33	122.194	79.851	44.687	0.301	0	167.566	52.057	115.509	50.258	17.11	589.297
TOTAL	6348.251	1850.89	1198.226	1176.26	271.131	41.394	4.738	1795.19	882.74	823.758	1159.22	375.901	7883.375

TABLE 3. 1991/92 PRODUCTION DATA OF 'MOA' BY REGION - MEHER SEASON

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	('000 QUINTALS)			PULSES	OILSEEDS	TOTAL
								STALK	MAIZE	SORGHUM			
								CROPS					
ADDIS ABABA	1420.143	431.192	358.815	616.032				14.104	6.076	8.028	155.91	3.192	1579.245
NORTH SHOA	3294.393	683.57	876.136	654.305				1080.382	193.592	886.79	958.947	59.693	4313.033
WEST SHOA	7035.7	1946.7	2142	1638				1309	828.8	480.2	800.1	235	8070.8
SOUTH SHOA	6889.708	857.737	587.999	1835.659	25.36			3582.953	3388.766	194.187	377.594	4.137	7271.439
EAST SHOA	2658.2	1026.304	155.71	929.988				546.198	360.594	185.604	324.757	0.105	2983.062
ARSI	5733.611	412.28	2128.044	1961.189		27.153		1204.945	761.2	443.745	480.874	117.622	6332.107
BALE	1193.581	19.695	538.824	490.55		102.73		41.7824	22.104	19.6784	86.373	46.962	1326.9164
SIDAMO	1052.753	52.327	283.595	175.005				541.826	535.364	6.462	114.132	0.083	1166.968
NORTH OMO	922.801	228.113	390.511	172.516	0.42	0.275		130.966	43.251	87.715	233.674	2.941	1159.416
SOUTH OMO	123.9	20.5	4.2	2.8	1.8			94.6	49	45.6	13.4		137.3
BORENA	119.858	27.3	7.14	2.478				82.94	64.25	18.69	8.834		128.692
EAST GOJAM	3234.42	1490.25	682.147	719.411	1.75			340.862	263.106	77.756	763.201	175.56	4173.181
WEST GOGAM	4614.61	1761.844	913.506	396.713	471.396	15.58		1055.571	989.016	66.555	601.838	287.628	5504.076
METEKEL	383.684	86.88	3.636	3.44	105.84			183.888	76.068	107.82	11.324	10.653	405.661
NORTH GONDER	3326.666	546.112	608.893	197.529	405.21	12.155		1556.767	202.065	1354.702	545.593	157.558	4029.817
SOUTH GONDER	2690.968	738.215	712.588	426.835	209.304	1.424		602.602	268.596	334.006	816.454	126.561	3633.983
WEST HARERGHE	694.118	8.552	15.875	9.125				660.566	97.94	562.626	159.711	0.2	854.029
EAST HARERGHE	1443.385	3.993	90.398	109.872		9.784		1229.338	610.786	618.552	113.798	53.149	1610.332
DIRE DAWA								27.621	0.28	27.341	1.061	2.066	3.127
GAMBELLA								0					0
ILLUBABOR	2424.595	694.52	210.708	161.667	38.951	2.891		1315.858	1017.945	297.913	177.387	20.039	2622.021
KEFFA	882.074	78.842	59.256	15.868	8.67			719.438	577.906	141.532	88.926		971
WELLEGA	2640.85	819.062	191.763	88.952	284.275	3.317		1253.481	903.976	349.505	131.056	92.01	2863.916
ASSOSA								0					0
NORTH WOLLO								0					0
SOUTH WOLLO								0					0
TIGRAY								0					0
TOTAL	52780.02	11933.99	10961.74	10607.934	1352.98	175.309	0	17575.6884	11260.68	6315.007	6964.944	1395.159	61140.1214

TABLE 4. 1992/93 PRODUCTION DATA OF 'MOA' BY REGION - MEHER SEASON

REGION	(000' QUINTALS)											TOTAL
	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK	MAIZE	SORGHUM	PULSES OILSEEDS	
								CROPS				
ADDIS ABABA	1617.669	482.189	288.037	833.51	0	0	0	13.933	4.528	9.405	155.981	1777.005
NORTH SHOA	4328.03	936.439	999.223	996.611	0	1.26	0	1394.497	191.462	1203.035	1055.134	5452.695
WEST SHOA	6863.327	1660.96	1906.371	1499.037	1.386	0	0	1795.573	1016.401	779.172	523.725	7574.005
SOUTH SHOA	8387.444	1015.412	723.422	1747.156	34.481	0	0	4866.973	4421.674	445.299	369.767	8757.968
EAST SHOA	3126.896	1252.475	191.913	1273.644	0	0	0	408.864	339.058	69.806	319.99	3447.012
ARSI	6401.416	430.417	2525.483	2630.529	0	36.27	0	778.717	505.981	272.736	488.142	7020.064
BALE	1452.374	25.067	601.345	663.705	0	111.56	0	50.697	29.404	21.293	88.477	1588.293
SIDAMO	1220.953	60.93	374.652	196.981	0	0	0	588.39	582.035	6.355	160.829	1381.782
NORTH OMO	1385.93	287.794	609.88	283.492	7.925	0.27	0	196.569	53.591	142.978	350.97	1739.929
SOUTH OMO	169.114	26.268	2.37	4.76	1.26	0	0	134.456	90.904	43.552	11.51	180.624
BORENA	0	0	0	0	0	0	0	0	0	0	0	0
EAST GOGAM	3997.697	1750.921	632.445	932.373	2.293	89.79	0	589.875	331.889	257.986	787.335	4905.461
WEST GOGAM	5501.192	2020.748	1085.997	429.288	768.351	11.432	0	1185.376	1103.201	82.175	352.894	6036.603
MEHEKEL	497.696	118.168	10.574	29.706	119.65	0	0	219.598	93.258	126.34	11.847	520.38
NORTH GONDER	4056.319	780.392	696.986	318.928	521.995	30.39	0	1707.628	223.838	1483.79	595.979	4803.597
SOUTH GONDER	3303.674	976.212	754.315	506.799	321.705	1.824	0	742.819	295.98	446.839	736.82	4168.318
WEST HARERGHE	900.476	10.111	35.366	30.84	0	0	0	824.159	72.385	751.774	23.828	924.304
EAST HARERGHE	0	0	0	0	0	0	0	0	0	0	19.202	21.468
DIRE DAWA	0	0	0	0	0	0	0	0	0	0	0	0
GAMBELLA	17.667	0	0	0	0	0	0	17.667	13.709	3.958	0	17.667
ILLUBABOR	2829.61	899.44	211.875	248.897	86.482	2.501	0	1380.415	1012.1	368.315	164.965	3012.376
KEFFA	960.665	101.625	68.593	24.173	10.427	0	0	755.847	560.553	195.294	31.746	1052.675
WELLEGA	3428.569	1029.943	272.945	122.617	347.613	3.587	0	1651.864	1140.624	511.24	145.945	3676.3
ASSOSA	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WOLLO	2556.948	555.6	293.072	695.382	15.041	0	29.627	968.226	208.042	760.184	358.583	2959.858
SOUTH WOLLO	2807.336	515.12	458.791	676.709	6.478	66.864	0	1083.374	290.102	793.272	531.966	3370.466
TIGRAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
TOTAL	65811	14936.23	12743.66	14145.137	2245.09	355.748	29.627	21355.517	12580.72	8774.798	7345.635	74388.85

Table 1.

1993/94 (1996 E.C.) Area of Cereals
by Zone Meher Season private holdings

(Hectares)

	TEFF	WHEAT	BARLEY	MILLET	MAIZE	SORGHUM	OATS	OTHER CEREALS	CEREALS
KILIL 1	87707.55	83036.90	120630.03	91221.50	57542.36	219552.47	150.00	12333.92	647387.31
WESTERN	24934.07	366.75	526.70	56960.34	19653.90	107065.23			209526.99
CENTRAL	36067.31	11229.61	20652.91	29889.81	23081.00	67467.24		9953.62	196541.50
EASTERN	5490.74	15197.18	44718.72	2993.23	3789.46	4967.42		2380.30	74569.62
SOUTHERN	21215.43	36243.36	54731.70	1358.12	11018.00	40032.58	150.00		164749.19
MEKELE									0.00
KILIL 2	0.00	0.00	0.00	0.00	101.50	2.52	0.00	0.00	104.02
ZONE 1									0.00
ZONE 2									0.00
ZONE 3					1.00				1.00
ZONE 4									
ZONE 5					100.50	2.52			103.02
KILIL 3	699081.00	397570.00	481797.10	168275.00	210392.40	811076.90	22353.00	4487.00	2795032.40
NORTH SHOA	87414.00	84684.00	68441.00		16899.00	106948.00		537.00	364923.00
EAST GOJAM	149360.00	65808.00	54642.60	564.00	23576.40	18965.00	71.00	3950.00	316937.00
WEST GOJAM	225156.00	47667.00	92656.00	74511.00	88211.00	11681.00	2010.00		541892.00
NORTH GONDAR		41121.00	86898.00	54998.00	30342.00	186071.00	9243.00		408673.00
SOUTH GONDAR	128409.00	54773.00	80737.50	36725.00	26090.00	332644.90	150.00		659529.40
NORTH WOLLO	55944.00	37740.00	60749.00	1101.00	5773.00	87518.00	3231.00		252056.00
SOUTH WOLLO	52798.00	65777.00	37673.00	376.00	19501.00	67249.00	7648.00		251022.00
KILIL 4	766979.65	619327.64	497433.34	23594.60	649744.15	455527.00	17630.21	5050.00	3035286.59
ARSI	52538.00	207780.00	161249.00	12.00	50138.00	22407.00	2772.00		496896.00
BALE	9786.00	58438.00	44032.00		3017.00	1858.00	10623.00		127754.00
EAST SHOA	132013.00	80912.97	17014.00		157696.00	14401.00	68.00		402104.97
SOUTH SHOA									0.00
WEST SHOA	256201.00	147511.00	130120.00	624.00	65825.00	57299.00	126.00		657706.00
BORENA	9581.00	13146.00	26056.75	23.00	10023.35	1934.40			60764.50
WEST HARARGHE	9602.40	1672.02	4913.58	289.00	33543.27	73882.43	451.81		124354.51
EAST HARARGHE	2124.00	10517.00	7414.00		74778.90	132314.90	1074.00		228222.30
ILLUBABOR	63732.55	4227.65	9037.51	5872.80	94460.28	31796.05	30.00		209156.84
JMA	80624.50	26308.00	24619.70	4584.00	91996.00	46789.70	446.00		275367.90
WEST WELLEGA									0.00
EAST WELLEGA	87201.20	10143.00	12189.80	12189.80	63060.35	23136.52	502.40		208423.07
N.WEST SHOA	63576.00	58672.00	60787.00		5206.00	49708.00	1537.00	5050.00	244536.00
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	153799.15	96664.39	110058.01	2920.00	169890.36	51948.00	479.00	0.00	580021.91
SIDAMA	11993.00	10111.00	14786.00			1919.00			38809.00
NORTH OMO	45569.00	18494.75	40966.00	70.00	11492.00	8447.00			125038.75
SOUTH OMO	1585.00	270.00	690.00	50.00	2260.00	2595.00			7450.00
KEFICHO	22126.00	3423.00	12432.00	463.00	37730.00	11925.00			88099.00
MAJI									0.00
BENCHO	4256.00	306.00	962.00	213.00	10719.00	5320.00			16039.00
SHEKICHO	743.15	192.26	595.88		1899.36	340.00			3770.65
GURAGHE	10971.00	7802.38	7248.13		9801.00	5526.00	50.00		41398.51
GEDIO	1016.00	1317.00	5447.00		2574.00	59.00			10413.00
KEMBATA	23669.00	18313.00	8541.00	1806.00	58303.00	6761.00	408.00		117801.00
HADIYA	28621.00	34645.00	16910.00	254.00	34132.00	8556.00			123118.00
AMARO									0.00
BURJI	2010.00	710.00	460.00						3180.00
KONSO									0.00
GARDULA									0.00
JANJARO	1240.00	1060.00	1020.00	64.00	980.00	500.00	21.00		4905.00
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	0.00	895.00	0.00	0.00	3595.00	4465.00	0.00	0.00	8955.00
KILIL 14	2566.00	2627.00	245.00	0.00	0.00	16.00	0.00	0.00	5454.00
ZONE 1									0.00
ZONE 2									0.00
ZONE 3	768.00	846.00	226.00						1840.00
ZONE 4									0.00
ZONE 5									0.00
ZONE 6	1798.00	1781.00	19.00			16.00			3614.00
DIREDAWA	0.00	0.00	0.00	0.00	586.90	14031.60	0.00	0.00	14618.50
DIREDAWA					586.90	14031.60			14618.50
TOTAL	1710133.35	1180120.93	1210363.48	286011.10	1091852.67	1556619.49	40612.21	21870.92	7086859.73

0.00, NR or * * Data not Available or Not Reported

Table 2

1993/94 (1996 E.C.) Production of Cereals
by Zone-Meher Season private holdings

	(Quintals)								
	TEFF	WHEAT	BARLEY	MAIZE	SORGHUM	MILLET	OATS	OTHER CEREALS	CEREALS
KILIL 1	294859.39	104824.31	525142.08	378398.13	1542058.39	480434.05	600.00	68691.92	3595409.28
WESTERN	98612.77	12811.57	43611.50	180753.27	882181.02	297979.59			1486404.12
CENTRAL	155425.39	13130.55	123363.82	141559.67	472478.69	158361.10		50701.45	1165080.47
EASTERN	13671.48	12565.71	145358.78	19303.15	32566.60	16343.78		17990.47	327800.94
SOUTHERN	26539.27	7582.55	232151.38	37372.05	154832.08	7749.58	600.00		636123.75
MEKELE									0.00
KILIL 2	1.00	1.00	1.00	306.50	12.17	0.00	0.00	0.00	318.67
KILIL 3	5529631.60	3037948.21	3785751.30	2951142.40	4299223.38	1541786.00	153129.00	28968.00	21347777.98
NORTH SHOA	726079.00	529015.00	445854.00	120823.00	1131711.00			7518.00	3061127.00
EAST GOJAM	1418514.00	710686.00	500736.30	482108.00	271781.00	4512.00	355.00	21450.00	3378112.30
WEST GOJAM	1744000.00	443431.00	957230.00	1564005.00	143182.00	832464.00	15290.00		5700514.00
NORTH GONDAR	572581.00	221429.00	567771.00	308934.00	1682952.00	391145.00	40022.00		3804823.00
SOUTH GONDAR	756384.10	446464.00	647381.00	240184.00	112377.98	306677.00	600.00		2510027.08
NORTH WOLLO	60631.50	157265.21	307301.00	29816.40	499453.40	4912.00	17998.00		1087901.50
SOUTH WOLLO	253679.00	48766.00	318353.00	225172.00	457766.00	2076.00	58864.00		1805273.00
KILIL 4	547077.42	579798.13	5286732.79	7669154.10	5459732.41	184952.88	138256.38	64013.00	30043427.11
ARSI	379031.00	2488350.00	2355451.00	109066.00	309154.00	48.00	33627.00		664635.00
BALE	26711.00	267384.00	318591.00	18484.00	8918.00		75737.00		735831.00
EAST SHOA	122485.50	158832.30	196121.00	2348573.10	185054.00		544.00		5012920.20
SOUTH SHOA 7									0.00
WEST SHOA	1550316.00	175226.00	1211367.00	663931.00	352932.00	3744.00	630.00		4858196.00
BORENA	48589.00	89125.00	188891.50	90057.90	32929.00	253.00			450845.40
WEST HARARGHE	58389.20	10252.14	389113.36	549666.80	2387058.90	2002.00	3097.48		3049895.50
EAST HARARGHE	10362.00	34154.00	74801.00	576059.70	895357.50		7948.00		1648702.20
ILLUBABOR	40151.07	28113.87	64374.18	1090071.60	313827.01	27014.88	170.10		1925086.71
JIMA	469528.35	14985.51	197211.75	1189113.00	414311.00	29993.00	2919.00		2528174.90
WEST WELLEGA									
EAST WELLEGA	872012.00	71352.00	97518.40			121898.00	3516.80		1166297.20
N.WEST SHOA	427071.00	346023.00	544567.00	50951.00	560191.00		10067.00	64013.00	2002843.00
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	804074.26	138504.05	961225.38	2486115.80	501839.40	21877.00	3119.00	0.00	5867756.57
SIDAMA	65089.00	7128.00	118480.00		13438.00				212111.00
NORTH OMO	137151.40	74020.20	265818.90	120086.00	85384.40	210.00			702651.80
SOUTH OMO	3171.00	1350.00	4140.00	18080.00	20760.00	250.00			47750.00
KEFICHO	88574.00	3692.00	74532.00	452760.00	107325.00	3704.00			740577.00
MAJI									0.00
BENCHO	21281.00	2142.00	6734.00	128628.00	42580.00	1085.00			202409.00
SHEKICHO	2501.05	943.87	3530.34	11735.40	3740.00				22457.66
GURAGHE	7824.00	5828.24	67765.30	156729.00	71887.00		200.00		460648.54
GEDIO	5771.81	0983.72	42050.34	38610.00	649.00				98084.37
KEMBATA	152527.00	28344.00	94512.00	1019751.00	68640.00	14448.00	2856.00		1571078.00
HADIYA	236379.00	87386.00	279582.00	514239.00	98738.00	2008.00			1750329.00
AMARO									0.00
BURJI	4021.00	2130.00	921.00						7070.00
KONSO				11735.40	3740.00				15475.40
GARDULA									0.00
JANJERO	7441.00	7580.00	5121.00	11760.00	5000.00	192.00	63.00		37135.00
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	1.00	3265.00	1.00	53925.00	44650.00	0.00	0.00	0.00	104840.00
KILIL 14	27721.00	18848.00	2507.00	0.00	360.00	0.00	0.00	0.00	69235.00
ZONE 1									0.00
ZONE 2									0.00
ZONE 3	6144.00	1152.00	2280.00						18556.00
ZONE 4									0.00
ZONE 5									0.00
ZONE 6	21579.00	2496.00	247.00		360.00				50879.00
DIREDAWA				1324.75	44649.60				46474.35
DIREDAWA				1324.75	44649.60				46474.35
TOTAL	1212721.7	1016788.17	1541407.25	13541466.68	11892525.35	2229049.93	275104.38	161672.92	61075238.86

0.00, NR or * Data not Available or No Records

Table 3.

1993/94 (1986 E.C.) Area of Pulses
by Zone Meher Season private holdings

(Hectares)

	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH PULSES	OTHER PULSES
KILIL 1	886810.28	15017.05	8382.16	6177.95	14535.59	834808.62	7361.13	727.78
WESTERN	7364.71	1984.75	716.50		4393.46	20.00	250.00	
CENTRAL	851439.76	5820.55	2767.96	2958.20	3392.27	833833.00	2070.00	597.78
EASTERN	9224.18	1155.50	1205.70	1146.50	3649.86	82.12	1984.50	
SOUTHERN	18781.63	6056.25	3692.00	2073.25	3100.00	673.50	3056.63	130.00
MEKELE	0.00							
KILIL 2	1.75	0.00	0.00	0.00	1.75	0.00	0.00	0.00
ZONE 1	0.00							
ZONE 2	0.00							
ZONE 3	0.00							
ZONE 4	0.00							
ZONE 5	1.75				1.75			
KILIL 3	683252.00	232648.00	159441.00	68166.00	160945.00	9608.00	50355.00	2089.00
NORTH SHOA	136144.00	51889.00	19590.00	18174.00	38532.00	1098.00	6861.00	
EAST GOJAM	80581.00	27727.00	20819.00	3551.00	13732.00	3050.00	11702.00	
WEST GOJAM	74892.00	27717.00	22750.00	595.00	15957.00	657.00	7216.00	
NORTH GONDAR	132143.00	43399.00	31521.00	8423.00	45826.00	1044.00	1930.00	
SOUTH GONDAR	105051.00	32918.00	26743.00	9416.00	19830.00	2553.00	13591.00	
NORTH WOLLO	60113.00	13852.00	16014.00	12286.00	12995.00		2877.00	2089.00
SOUTH WOLLO	94328.00	35146.00	22004.00	15721.00	14073.00	1206.00	6178.00	
KILIL 4	380817.45	151936.34	82719.03	23097.37	50797.79	51833.42	19793.50	640.00
ARSI	58458.00	29193.00	17239.00	3551.00	927.00	6965.00	583.00	
BALE	12725.00	3707.00	4656.00	968.00	1229.00	1104.00	1061.00	
EAST SHOA	65877.40	10060.00	7797.00	5679.00	8025.00	31818.40	2498.00	
SOUTH SHOA	0.00							
WEST SHOA	89888.00	28822.00	15347.00	5279.00	29119.00	544.00	10777.00	
BORENA	0.00							
WEST HARARGHE	6173.78	1639.87	863.03	198.37	991.46	2426.55	54.50	
EAST HARARGHE	8500.10	3109.00	1630.00	417.00	90.60	3253.50		
ILLUBABOR	21058.72	9229.52	6644.66		1420.23	3731.31	33.00	
JIMA	29829.00	16346.00	10294.00	415.00	777.00	1357.00		640.00
WEST WELLEGA	0.00							
EAST WELLEGA	17655.45	9739.95	7136.34	108.00	102.50	568.66		
N.WEST SHOA	70652.00	40090.00	11112.00	6482.00	8116.00	65.00	4787.00	
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	106316.63	44847.99	36893.40	1856.08	4293.00	16733.16	10.00	1683.00
SIDAMA	6688.00	2643.00	2573.00			1472.00		
NORTH OMO	38056.14	14126.17	12490.39	456.58	1865.00	9118.00		
SOUTH OMO	2040.00	1110.00	490.00	130.00	5.00	305.00		
KEFICHO	17113.00	9652.00	4807.00			2654.00		
MAJI	0.00							
BENCHO	860.00	517.00	312.00					31.00
SHEKICHO	1271.19	643.92	589.11			38.16		
GURAGHE	7305.30	2270.90	3028.90	189.50	1048.00	758.00	10.00	
GEDIO	5639.00	3025.00	2543.00	8.00		63.00		
KEMBATA	12566.00	6166.00	3843.00	14.00		1371.00		1172.00
HADIYA	11620.00	3956.00	5655.00	1000.00	55.00	954.00		
AMARO	0.00							
BURJI	2068.00	90.00	130.00	48.00	1320.00			480.00
KONSO	0.00							
GARDULA	0.00							
JANJERO	1090.00	648.00	432.00	10.00				
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	125.00	0.00	0.00	0.00	0.00	125.00	0.00	0.00
KILIL 14	1322.00	155.00	46.00	262.00	468.00		391.00	0.00
ZONE 2	0.00							
ZONE 3	0.00							
ZONE 4	479.00	88.00	14.00	161.00	72.00	0.00	144.00	
ZONE 5	0.00							
ZONE 6	843.00	67.00	32.00	101.00	396.00		247.00	
DIREDAWA	0.00							
DIREDAWA	843.00	67.00	32.00	101.00	396.00		247.00	
TOTAL	2058645.11	444604.38	287481.59	99559.40	231041.13	912908.20	77910.63	5139.78

Table 4

1993/94 (1986 E.C.) Production of Pulses
by Zone Meher Season private holdings

(Quintals)

	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH	OTHER PULSES
KILIL 1	220048.79	69163.52	30074.02	19698.23	62092.36	2858.84	33181.13	2980.70
WESTERN	35504.96	8329.05	2810.99		22415.52	40.00	1909.40	
CENTRAL	83808.02	21449.48	11691.23	11516.37	19630.49	2385.00	14414.75	2720.70
EASTERN	20625.51	1724.90	2483.13	3321.72	9427.75	399.09	3268.93	
SOUTHERN	80110.30	37660.09	13088.67	4860.14	10618.60	34.75	13588.05	260.00
MEKELE	0.00							
KILIL 2	9.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00
ZONE 1	0.00							
ZONE 2	0.00							
ZONE 3	0.00							
ZONE 4	0.00							
ZONE 5	9.00				9.00			
KILIL 3	3891334.20	1292518.40	756723.00	265310.00	1112876.80	46096.00	412494.00	5316.00
NORTH SHOA	766833.00	285220.00	103927.00	86775.00	238211.00	7039.00	45661.00	
EAST GOJAM	613688.00	181270.00	114277.00	15749.00	152404.00	15438.00	134550.00	
WEST GOJAM	512193.00	196948.00	134081.00	2975.00	115084.00	3422.00	59683.00	
NORTH GONDAR	710810.00	220315.00	134250.00	20163.00	323756.00	2931.00	9395.00	
SOUTH GONDAR	694969.00	236727.00	163969.00	36805.00	133448.00	12994.00	111026.00	
NORTH WOLLO	220670.20	43518.40	30682.00	35451.00	90117.80		15585.00	5316.00
SOUTH WOLLO	372171.00	128520.00	75537.00	67392.00	59856.00	4272.00	36594.00	
KILIL 4	2621397.97	1143794.04	461146.46	121740.51	326627.03	415855.93	148394.00	3840.00
ARSI	440003.00	240407.00	108127.00	21982.00	4828.00	61393.00	3266.00	
BALE	40962.00	15347.00	15878.00	1917.00	1690.00	4273.00	1857.00	
EAST SHOA	471004.80	75428.00	41289.00	54107.20	79624.00	195174.60	25382.00	
SOUTH SHOA	0.00							
WEST SHOA	508144.00	172932.00	76735.00	15837.00	174714.00	3264.00	64662.00	
BORENA	59128.90	21454.00	24567.00	148.70	1548.00	11323.20	88.00	
WEST HARARGHE	88599.38	9263.70	3643.18	506.11	3469.60	71414.70	302.00	
EAST HARARGHE	80006.40	27638.00	11523.00	1946.00	581.40	38318.00		
ILLUBABOR	124313.35	59714.99	36146.95		7015.94	21268.47	167.00	
JIMA	169516.90	103472.60	51582.80	1111.50	3765.00	5745.00		3840.00
WEST WELLEGA	0.00							
EAST WELLEGA	84836.24	48699.75	32113.53	324.00	287.00	3411.96		
N.WEST SHOA	554883.00	369437.00	59541.00	23861.00	49104.00	270.00	52670.00	
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	555417.39	239403.37	174378.40	6201.56	14483.00	112686.06	56.00	8209.00
SIDAMA	56139.00	23514.00	15795.00			16830.00		
NORTH OMO	177587.90	50730.69	60922.05	1129.16	6804.00	58002.00		
SOUTH OMO	12080.00	6660.00	2450.00	520.00	10.00	2440.00		
KEFICHO	97871.00	57912.00	24035.00			15924.00		
MAJI	0.00							
BENCHO	4820.00	3619.00	984.00					217.00
SHEKICHO	4937.07	2104.34	2527.45			305.28		
GURAGHE	46971.30	18602.00	18037.40	840.40	4809.00	4626.50	56.00	
GEDIO	34657.05	18150.00	16097.05	32.00		378.00		
KEMBATA	86989.00	48631.00	23058.00	42.00		8226.00		7032.00
HADIYA	19030.00	3956.00	5655.00	3550.00	220.00	5649.00		
AMARO	0.00							
BURJI	3958.00	180.00	130.00	48.00	2640.00			960.00
KONSO	4937.07	2104.34	2527.45			305.28		
GARDULA	0.00							
JANJERO	5440.00	3240.00	2160.00	40.00				
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	625.00	0.00	0.00	0.00	0.00	625.00	0.00	0.00
KILIL 14	15730.50	1441.00	564.00	1603.50	6174.00	0.00	5948.00	0.00
ZONE 1	0.00							
ZONE 2	0.00							
ZONE 3	2872.00	704.00	84.00	644.00	432.00		1008.00	
ZONE 4	0.00							
ZONE 5	0.00							
ZONE 6	12858.50	737.00	480.00	959.50	5742.00		4940.00	
DIREDAWA								
DIREDAWA								
TOTAL	7304562.85	2746320.33	1422885.88	414553.80	1522262.19	578121.83	600073.13	20345.70

0.00, NR or * * Data not Available or Not Reported

Table 5.

1993/94 (1986 E.C.) Area of Oil Crops
by Zone Meher Season private holdings

	(Hectares)								
	OILSEEDS	NEUG	LINSEED	RAPESEED	SESAME	GROUND NUTS	SUN FLOWER	CASTOR BEAN	OTHER OIL SEEDS
KILIL 1	80824.37	1953.05	4732.27	3.00	54109.55	6.00	0.00	0.00	0.50
WESTERN	55750.55	1228.50	719.00		53802.55				0.50
CENTRAL	2355.07	438.10	1744.47	3.00	163.50	6.00			
EASTERN	1247.20	0.75	1246.45						
SOUTHERN	1451.55	285.70	1022.35		143.50				
MEKELE	1.00								
KILIL 2	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ZONE 1	1.00								
ZONE 2	1.00								
ZONE 3	0.00								
ZONE 4	1.00								
ZONE 5	1.00								
KILIL 3	235344.00	82756.00	89480.00	9095.00	45484.00	0.00	8529.00	0.00	
NORTH SHOA	7235.00	1741.00	3212.00	1.00	1316.00		965.00		
EAST GOJAM	32222.00	16312.00	13765.00	2001.00			124.00		
WEST GOJAM	56845.00	11701.00	45133.00		11.00				
NORTH GONDAR	80255.00	24515.00	11218.00	2206.00	41469.00		847.00		
SOUTH GONDAR	42467.00	23269.00	9638.00	4809.00			4771.00		
NORTH WOLLO	8667.00	1773.00	3332.00		2148.00		1434.00		
SOUTH WOLLO	7633.00	3445.00	3182.00	78.00	540.00		388.00		
KILIL 4	156944.59	76818.82	53064.51	17575.50	1280.78	7661.40	533.58	10.00	
ARSI	28134.50	4162.00	20940.00	2864.00	6.50		216.00	6.00	
BALE	10801.00	194.00	10560.00	40.00	7.00				
EAST SHOA	738.00	369.00	312.00	57.00					
SOUTH SHOA	1.00								
WEST SHOA	55436.00	31996.00	12792.00	10688.00			20.00		
BORENA	1.00								
WEST HARARGHE	795.95	5.00	56.00	4.50	367.45	363.00			
EAST HARARGHE	7708.10		311.70	54.00		7298.40	44.00		
ILLUBABOR	3989.61	1763.95	1084.50	994.50	106.08		40.58		
JIMA	2107.00	656.00	1285.00	119.00	43.00			4.00	
WEST WELLEGA	1.00								
EAST WELLEGA	32347.43	27457.87	2438.31	1712.50	738.75				
N.WEST SHOA	14767.00	10215.00	3285.00	1042.00	12.00		213.00		
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	3748.04	427.50	1452.13	1474.66	266.25	47.00	74.00	4.50	
SIDAMA	205.75	1.00	51.25	148.00		1.00		4.50	
NORTH OMO	523.14		190.38	54.76	238.00	40.00			
SOUTH OMO	124.00		25.00		25.00		74.00		
KEFICHO	207.00	62.00	91.00	54.00					
MAJI	1.00								
BENCHO	65.00		30.00	35.00					
SHEKICHO	1.95		3.00	3.70	0.25				
GURAGHE	582.50	364.50	77.50	129.50	3.00	6.00			
GEDIO	1.00		3.00	6.00					
KEMBATA	511.00		511.00						
HADIYA	977.00		457.00	520.00					
AMARO	1.00								
KONSO	1.00								
BURJI	1.70		3.00	3.70					
GARDULA	1.00								
JANJARO	530.00		10.00	520.00					
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	827.00	0.00	0.00	0.00	0.00	827.00	0.00	0.00	
KILIL 14	1.00	0.00	6.00	0.00	0.00	0.00	2.00	0.00	
ZONE 1	1.00								
ZONE 2	1.00								
ZONE 3	1.00	0.00	3.00	0.00					
ZONE 4	1.00								
ZONE 5	1.00								
ZONE 6	1.00		3.00				2.00		
DIREDAWA	1.00								
DIREDAWA	1.00								
TOTAL	457674.00	161955.37	148734.91	28148.16	101140.58	8541.40	9138.58	14.50	0.50

Table 6.

1993/94 (1986 E.C.) Production of Oil Crops
by Zone Meher Season private holdings

	(Quintals)								
	OILSEEDS	NEUG	LINSEED	RAPESEED	SESAME	GROUND NUTS	SUN FLOWER	CASTOR BEAN	OTHER OIL SEEDS
KILIL 1	301669.18	5019.59	12750.34	36.00	283808.75	54.00	0.00	0.00	0.50
WESTERN	288234.62	3029.12	2305.00		282900.00				0.50
CENTRAL	7010.07	1116.78	5198.79	36.00	604.50	54.00			
EASTERN	2974.40	5.25	2969.15						
SOUTHERN	3450.09	868.44	2277.40		304.25				
MEKELE	0.00								
KILIL 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KILIL 3	909483.00	264816.00	308220.00	79643.00	237343.00	0.00	19461.00	0.00	0.00
NORTH SHOA	27051.00	6886.00	11790.00	5.00	4814.00		3556.00		
EAST GOJAM	102323.00	47206.00	47141.00	7480.00			496.00		
WEST GOJAM	247711.00	41913.00	167848.00	37906.00	44.00				
NORTH GONDAR	337662.00	70246.00	21037.00	12535.00	228885.00		4959.00		
SOUTH GONDAR	148257.00	84155.00	37505.00	21625.00			4972.00		
NORTH WOLLO	24391.00	5770.00	11319.00		2828.00		4474.00		
SOUTH WOLLO	22088.00	8640.00	11580.00	92.00	772.00		1004.00		
KILIL 4	675071.43	252120.74	321024.10	76046.00	3625.28	19821.60	2284.71	149.00	0.00
ARSI	172194.00	26394.00	121259.00	22993.00	15.00		1418.00	115.00	
BALE	51903.00	437.00	51191.00	240.00	35.00				
EAST SHOA	3858.00	1929.00	1872.00	57.00					
SOUTH SHOA	0.00								
WEST SHOA	166508.00	95988.00	38376.00	32064.00			80.00		
BORENA	168.00	84.00		80.00	2.00			2.00	
WEST HARARGHE	2738.45	25.00	145.00	12.00	399.45	2157.00			
EAST HARARGHE	18517.60		965.00	40.00		17492.60	20.00		
ILLUBABOR	15928.21	7179.28	4186.17	3978.00	437.05		147.71		
JIMA	14536.00	7268.00	2528.00	4071.50	464.50	172.00		32.00	
WEST WELLEGA	0.00								
EAST WELLEGA	100467.17	82373.46	7314.93	8562.50	2216.28				
N.WEST SHOA	128253.00	30443.00	93187.00	3948.00	56.00		619.00		
KILIL 5	NR	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 6	NR	NR	NR	NR	NR	NR	NR	NR	NR
S. ETHIOPIA	10080.17	933.00	3884.81	3984.36	684.00	219.50	370.00	4.50	0.00
SIDAMA	622.90	5.00	169.00	432.40		12.00		4.50	
NORTH OMO	1614.12		434.03	508.56	524.00	147.50			
SOUTH OMO	570.00		50.00		150.00		370.00		
KEFICHO	783.00	186.00	273.00	324.00					
MAJI	0.00								
BENCHO	265.00		90.00	175.00					
SHEKICHO	33.15		10.50	21.65	1.00				
GURAGHE	1474.00	742.00	294.25	368.75	9.00	60.00			
GEDIO	33.00		9.00	24.00					
KEMBATA	1022.00		1022.00						
HADIYA	3633.00		1503.00	2130.00					
AMARO	0.00								
KONSO	0.00								
BURJI	0.00								
GARDULA	0.00								
JANJERO	30.00		30.00						
GAMBELA	NR	NR	NR	NR	NR	NR	NR	NR	NR
HARARI	4962.00	0.00	0.00	0.00	0.00	4962.00	0.00	0.00	0.00
KILIL 14	12.00	0.00	6.00	0.00	0.00	0.00	6.00	0.00	0.00
ZONE 1	0.00								
ZONE 2	0.00								
ZONE 3	0.00								
ZONE 4	0.00								
ZONE 5	0.00								
ZONE 6	12.00		6.00				6.00		
DIREDAWA									
DIREDAWA									
TOTAL	1901277.78	522889.33	645885.25	159709.36	525461.03	25057.10	22121.71	153.50	0.50

0.00, NR or * * Data not Available or Not Reported

TABLE I. 1991/92 (1984 E.C.) MAJOR CROPS AREA DATA OF CSA - MEHERSEASON

REGION	CEREALS	TEFT	BARLEY	WHEAT	MILLET	('000 HECTARES)						TOTAL	
						OATS	RICE	STALK	MAIZE	SORGHUM	PULSES		OIL SEEDS
CROPS													
ADDIS ABABA	78.44	35.59	19.95	21.95	0.03	0.3		0.62	0.27	0.35	27.47	0.97	106.88
NORTH SHOA	170.41	51.98	39.63	68.94		0.54		9.32	2.39	6.93	79.99	11.18	261.58
WEST SHOA	330.68	188.89	51.79	31.72	0.09	1.22		56.97	36.61	20.36	62.47	33.16	426.31
SOUTH SHOA	333.62	95.3	13.89	54.73	0.75	2.69		166.26	152.35	13.91	38.33	0.19	372.14
EAST SHOA	125.36	78.6	3.82	23.02		0.03		19.89	18.81	1.08	24.64	0.07	150.07
ARSI	295.23	41.36	112.08	97.24		5.3		39.25	33.9	5.35	51.48	18.65	365.36
BALE	71.88	3.22	30.52	27.6		7.46		3.08	2.83	0.25	10.5	3.82	86.2
SIDAMO	72.33	9.64	11.77	2.82		0.24		47.86	45.73	2.13	6.59	0.13	79.05
NORTH OMO	110.02	43.95	21.72	6.51	0.96	1.46		35.42	6.26	29.16	40.9	0.17	151.09
SOUTH OMO	8.84	2.11	0.89	0.3	0.03			5.51	2.91	2.6	1.44		10.28
BORENA	18.51	0.39	3.95	0.87				13.3	13.21	0.09	4.07		22.58
EAST GOJAM	330.16	174.97	53.39	64.87	0.4	0.06		36.47	24.36	12.11	68.5	29.68	428.34
WEST GOGAM	400.85	170.47	71.26	10.63	70.35	0.07		78.07	77.45	0.62	45.81	39.17	485.83
METEKEL	53.22	16.19	0.16	0.5	15.87			20.5	9.86	10.64	1.49	5.31	60.02
NORTH GONDER	161.09	52	24.8	10.65	11.19	1.87		60.58	8.16	52.42	40.4	9.85	211.34
SOUTH GONDER	173.02	71.55	36.07	23.66	17.42	0.02		24.3	18.1	6.2	53.27	20.55	246.84
WEST HARERGHE	115.25	25.5	4.24	2.9		1.33		81.28	21.69	59.59	17.49	0.07	132.81
EAST HARERGHE	92.26	0.97	3.23	9.42		0.52		78.12	26.96	51.16	9.75	5.18	107.19
DIRE DAWA	2.74							2.74	0.26	2.48	0.01		2.75
GAMBELLA	3.00	0.24	0.26	0.08				2.42	1.68	0.74	0.17		3.17
ILLUBABOR	305.12	116.05	17.08	11.55	5.99	0.56		153.89	108.83	45.06	31.36	4.08	340.56
KEFFA	73.06	11.38	5.61	1.65	9.57			44.85	31.86	12.99	13.88	0.41	87.35
WELLEGA	227.19	83.72	12.68	2.57	16.36	0.09		111.77	81.97	29.8	17.13	17.55	261.87
ASSOSA	9.63	1.47	0.06	0.01	2.43			5.66	3.19	2.47	0.27	0.72	10.62
NORTH WOLLO	80.37	22.25	23.68	15.67	0.02	0.76		17.99	3.72	14.27	15.71	0.21	96.29
SOUTH WOLLO	192.88	53.36	30.87	48.6		3.79		56.26	17.75	38.51	43.5	1.02	237.4
TIGRAY													
TOTAL	3835.16	1351.15	593.4	538.46	151.46	28.31	0	1172.38	751.11	421.27	706.62	202.14	4743.92

TABLE 2. 1991/92 (1984 E.C.) PULSES AND OILS SEED CROPS AREA DATA OF CSA - MEHER SEASON

('000 HECTARES)												
REGION	PULSES	HORSE BEANS	FIELD LENTILS PEAS	CHICK PEAS	HARICOT BEANS	VETCH	FENUGREE	OIL SEEDS	NEUG	LINSEED	RAPE SEED	
ADDIS ABABA	27.47	9.13	1.53	5.75	7.78		3.01	0.27	0.97	0.34	0.59	0.04
NORTH SHOA	79.99	49.36	8.98	10.96	6.98		3.19	0.52	11.18	8.72	2.46	
WEST SHOA	62.47	18.13	1.78	3.35	23.76	0.01	14.65	0.79	33.16	27.56	4.61	0.99
SOUTH SHOA	38.33	21.81	6.81	0.79	4.05	2.65	2.15	0.07	0.19		0.18	0.01
EAST SHOA	24.64	4.47	6.06	1.31	6.72	3.34	2.65	0.09	0.07		0.03	0.04
ARSI	51.48	27.24	16.18	2.33	0.16	4.51	0.84	0.22	18.65	0.8	17.41	0.44
BALE	10.5	3.99	4.73	0.81	0.64	0.14	0.14	0.05	3.82	0.05	3.77	
SIDAMO	6.59	2.41	1.9			2.26		0.02	0.13		0.01	0.12
NORTH OMO	40.9	7.9	24.96	0.7	1.93	5.37	0.04	0	0.17		0.17	
SOUTH OMO	1.44	0.61	0.81			0.02			0.00			
BORENA	4.07	1.36	0.65		0.02	2.04			0.00			
EAST GOJAM	68.5	22.45	10.54	3.67	14.54		16.16	1.14	29.68	20.26	7.57	1.85
WEST GOGAM	45.81	18.42	9.14	0.29	8.16	0.01	9.54	0.25	39.17	29.06	9.33	0.78
METEKEL	1.49	0.18		0	1.2	0.11			5.31	4.96	0.01	0.34
NORTH GONDER	40.4	13.46	7	0.03	16.9		2.5	0.51	9.85	8.28	1.5	0.07
SOUTH GONDER	53.27	19.32	2.42	2.93	11.61		16.99		20.55	12.47	7.87	0.21
WEST HARERGHE	17.49	3.57	0.48	0.74	1.61	8.17	2.57	0.35	0.07		0.07	
EAST HARERGHE	9.75	3.22	1.65	0.52		2.81		1.55	5.18	5.02	0.16	
DIRE DAWA	0.01		0.01		0	0			0.00			
GAMBELLA	0.17	0.16				0.01			0.00			
ILLUBABOR	31.36	16.56	11.2	0.47	1.59	1.46	0.06	0.02	4.08	2.56	1.52	
KEFFA	13.88	7.29	4.26			2.32	0.01		0.41	0.37	0.04	
WELLEGA	17.13	9.26	4.36	0.04	0.99	2.3	0.08	0.1	17.55	17.37	0.18	
ASSOSA	0.27	0.14			0.03	0.09	0.01		0.72	0.72		
NORTH WOLLO	15.71	6.56	3.64	3.82	1.07		0.61	0.01	0.21		0.21	
SOUTH WOLLO	43.5	28.42	9.84	4.3	0.25	0.23	0.41	0.05	1.02	0.6	0.42	
TIGRAY												
TOTAL	706.62	295.42	138.93	42.81	109.99	37.85	75.61	6.01	202.14	139.14	58.11	4.89

TABLE 3. 1991/92(1984 E.C.) MAJOR CROPS PRODUCTION DATA OF CSA - MEHERSEASON

REGION	('000 QUINTALS)											TOTAL
	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK	MAIZE	SORGHUM	PULSES OILSEEDS	
								CROPS				
ADDIS ABABA	802.98	326.77	203.83	261.43		3.8		7.15	3.46	3.69	262.72 4.41	1070.11
NORTH SHOA	1879.24	528.31	414.32	784.71		4.84		147.06	46.08	100.98	754.35 47.51	2681.1
WEST SHOA	3564.96	1745.4	607.35	370.69	0.26	8.81		832.45	486.63	345.82	549.15 133.41	4247.52
SOUTH SHOA	5241.21	782.2	206.8	968.2	9.24	34.28		3240.49	3059.73	180.76	429.66 1.1	5671.97
EAST SHOA	1211.52	736.01	55.05	234.13		0.35		185.98	173.39	12.59	221.14 0.27	1432.93
ARSI	4711.59	370.21	2022.15	1728.27		85.31		505.65	391.65	114	448.19 109.77	5269.55
BALE	1023.06	42.66	433.36	420		70.23		56.81	55.87	0.94	95.63 34.84	1153.53
SIDAMO	1552.81	70.1	165.12	25.1		3.17		1289.32	1272.88	16.44	68.27 0.01	1621.09
NORTH OMO	896.43	297.71	239.77	57.3	0	11.89		289.76	15.67	274.09	280.42 0.93	1177.78
SOUTH OMO	109.7	17.83	12.15	5.06	0.16			74.5	34.83	39.67	17.71	127.41
BORENA	293.15		44.05	7.52				241.58	241.58	0	57.56	350.71
EAST GOJAM	3623.78	1798.33	492.91	761.43	2.41	0.41		568.29	358.1	210.19	546.7 153.52	4324
WEST GOGAM	3931.58	1308.16	535.41	89.34	717.15	0.06		1281.46	1277.1	4.36	318.22 124.03	4373.83
METEKEL	316.85	86.88	0.93	2.88	75.52			150.64	89.42	61.22	8.84 29.13	354.82
NORTH GONDER	1295.69	400.79	176.27	80.24	103.09	10.17		525.13	63.83	461.3	280.22 34.39	1610.3
SOUTH GONDER	1359.09	492.37	343.17	245.1	145.34	0.04		133.07	107.2	25.87	337.41 70.84	1767.34
WEST HARERGHE	1487.35	187.93	45.89	36.27		16.23		1201.03	201.84	999.19	292.88 0.19	1780.42
EAST HARERGHE	1005.24	9.23	38.25	181.89		5.23		770.64	262.83	507.81	124.88 10.08	1140.2
DIRE DAWA	29.02							29.02	1.52	27.5	0.06	29.08
GAMBELLA	44.09	2.31	1.55	1.16				39.07	25.39	13.68	2.12	46.21
ILLUBABOR	3779	1107.56	181.98	140.07	65.85	6.16		2277.38	1589.3	688.08	302.63 16.07	4097.7
KEFFA	1282.46	90.79	61.52	15.33	57.38			1057.44	855.51	201.93	119.14 0.47	1402.07
WELLEGA	2435.59	571.95	106.93	26.55	84.35	0.59		1645.22	1322.79	322.43	122.38 59.68	2617.65
ASSOSA	88.65	6.28	0.36	0.13	17.58			64.3	39.1	25.2	1.41 1.4	91.46
NORTH WOLLO	887.64	191.43	265.92	174.02	0.18	10.74		245.35	54.07	191.28	96.3 0.24	984.18
SOUTH WOLLO	2818.68	578.97	388.35	829.82		56.53		965.01	314.99	650.02	537.95 3.64	3360.27
TIGRAY	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	45671.36	11750.18	7043.39	7446.64	1278.51	328.84	0	17823.8	12344.76	5479.04	6275.94 835.93	52783.23

TABLE 4. 1991/92(1984 E.C.) PULSES AND OILSEED CROPS PRODUCTION DATA OF CSA - MEHER SEASON

('000 QUINTALS)												
REGION	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK PEAS	HARICOT BEANS	VETCH	FENUGREEK	OIL SEEDS	NEUG	LINSEED	RAPE SEED
ADDIS ABABA	262.72	89.71	15.14	37.94	88.18		29.74	2.01	4.41	0.74	3.36	0.31
NORTH SHOA	754.35	495.82	78.81	89.19	85.17		0.13	5.23	47.51	39.21	8.3	
WEST SHOA	549.15	201.68	15.64	16.45	162.73	0	148.72	3.93	133.41	100.48	20.97	11.96
SOUTH SHOA	429.66	319.43	57.43	6.42	17.79	15.22	12.86	0.51	1.10		1.1	0
EAST SHOA	221.14	53.49	58.46	7.69	58	16.24	26.89	0.37	0.27		0.08	0.19
ARSI	448.19	300.71	120.6	4.88	2.81	18.34	0.47	0.38	109.77	1.99	103.64	4.14
BALE	95.63	56.97	35.78	1.61	1.18	0	0	0.09	34.84	0.1	34.74	
SIDAMO	68.27	31.26	26.32			10.69		0	0.01		0.01	0
NORTH OMO	280.42	82.68	153.75	2.65	8.31	32.9	0.13	0	0.93		0.93	
SOUTH OMO	17.71	9.13	8.49			0.09			0.00			
BORENA	57.56	15.18	4.7		0.1	37.58			0.00			
EAST GOJAM	546.7	240.57	82.9	15.96		88.26	113.08	5.93	153.52	96.96	35.94	20.62
WEST GOGAM	318.22	157.94	28.42	0	50.72	0	80.7	0.44	124.03	93.97	24.78	5.28
METEKL	8.84	0.89		0	7.61	0.34			29.13	20.39	0	8.74
NORTH GONDER	280.22	109.13	39.39	0.3	106.02		22.89	2.49	34.39	30.8	3.25	0.34
SOUTH GONDER	337.41	153.27	21.1	20.35	46.65		96.04		70.84	43.15	26.03	1.66
WEST HARERGHE	292.88	64.09	9.32	9.07	9.65	199.09	0	1.66	0.19		0.19	
EAST HARERGHE	124.88	63.6	30.16	0		20.57		10.55	10.08	9.4	0.68	
DIRE DAWA	0.06		0.06		0	0			0.00			
GAMBELLA	2.12	2.05				0.07			0.00			
ILLUBABOR	302.63	201.01	80.82	1.71	10.76	8.06	0.25	0.02	16.07	11.47	4.6	
KEFFA	119.14	71.61	35.28			12.25	0		0.47	0.45	0.02	
WELLEGA	122.29	83.33	20.04	0.05	5.56	12.89	0.09	0.33	59.68	59.18	0.5	
ASSOSA	1.41	1			0.01	0.38	0.02		1.40	1.4		
NORTH WOLLO	96.3	45.81	16.68	16.22	9.74		7.81	0.04	0.24		0.24	
SOUTH WOLLO	537.95	399.88	103.16	25.97	2.36	2.81	3.65	0.12	3.64	2.35	1.29	
TIGRAY												
TOTAL	6275.85	3250.24	1042.45	256.46	673.35	475.78	543.47	34.1	835.93	512.04	270.65	53.24

Table 1. 1992/93 (1985 E.C.) Zonal Results of Cereals Area – Meher Season

ZONES	CEREALS	TEFF	WHEAT	BARLEY	MILLET	OATS	MAIZE	SORGHUM
NORTH GONDAR	125.96	0.00	13.47	26.73	13.93	1.87	10.31	59.64
METEMA ZONE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH GONDAR	162.54	70.28	19.10	31.28	18.65	0.03	17.01	6.19
WEST GOJAM	431.02	172.26	10.30	76.06	90.59	0.06	81.15	0.59
EAST GOJAM	339.57	179.58	67.70	46.97	0.40	0.06	32.75	12.11
SOUTH WOLLO	192.88	53.36	48.60	30.87	0.00	3.79	17.75	38.51
NORTH WOLLO	80.37	22.25	15.67	23.68	0.02	0.76	3.72	14.27
NORTH SHOA	110.49	37.23	46.40	20.39	0.00	0.00	1.74	4.73
N.WEST SHOA	80.61	27.08	32.15	18.11	0.00	0.54	0.54	2.20
ARSI	261.08	36.75	91.79	101.41	0.00	5.51	22.66	2.97
BALE	77.93	3.79	31.91	29.75	0.00	8.43	3.80	0.26
EAST WELLEGA	240.44	84.51	2.34	12.37	16.75	0.09	91.91	32.47
WEST WELLEGA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W.WELLEGA(K.6)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEST HARARGHE	116.64	29.95	2.90	4.24	0.00	1.33	18.75	59.47
EAST HARARGHE	88.61	0.97	8.68	3.23	0.00	0.52	25.72	49.49
HARARI	3.65	0.00	0.74	0.00	0.00	0.00	1.24	1.67
WEST SHOA	332.11	187.96	30.82	48.78	0.09	0.87	45.01	18.57
GURAGHE	21.24	8.05	1.63	2.72	0.00	0.35	6.70	1.79
EAST SHOA	128.21	80.14	25.83	4.01	0.00	0.03	17.84	0.36
BORENA	18.51	0.39	0.87	3.95	0.00	0.00	13.21	0.09
ILLUBABOR	305.50	114.16	11.86	13.86	5.99	0.39	109.23	50.01
SIDAMA	20.48	7.05	1.32	10.74	0.00	0.00	0.00	1.36
GEDEO	51.89	0.60	0.17	3.96	0.00	0.00	47.12	0.04
NORTH OMO	131.80	52.17	7.29	27.30	0.96	0.00	7.29	36.79
AMARO WEREDA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BURJI "	2.89	2.30	0.28	0.31	0.00	0.00	0.00	0.00
KONSO "	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARDULLA "	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH OMO	8.35	2.12	0.30	0.58	0.02	0.00	3.14	2.19
HADIYA	141.91	29.22	33.86	6.26	0.03	0.00	64.77	7.77
KEMBATA	204.22	53.84	23.13	6.78	1.01	2.69	110.63	6.14
SHEKICHO	0.74	0.08	0.01	0.07	0.00	0.00	0.49	0.09
KEFICHO	17.78	2.25	0.19	1.56	0.86	0.00	9.76	3.17
BENCHO	5.15	0.43	0.02	0.12	0.39	0.00	2.77	1.42
JIMA	57.45	8.19	1.44	3.08	8.48	0.00	23.79	12.46
MAJI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANJERO	0.82	0.13	0.06	0.13	0.12	0.00	0.25	0.13
GAMBELA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIREDAWA	2.74	0.00	0.00	0.00	0.00	0.00	0.26	2.48
METEKEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 3	32.66	10.77	7.74	14.15	0.00	0.00	0.00	0.00
" ZONE 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 6	43.04	25.22	16.30	1.19	0.00	0.00	0.00	0.34

Table 2. 1992/93 (1985 E.C.) Zonal Results of Pulses Area – Meher Season

ZONES	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
NORTH GONDAR	45.29	15.28	7.95	0.03	19.19	0.00	2.84
METEMA ZONE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH GONDAR	49.59	17.99	2.25	2.73	10.81	0.00	15.82
WEST GOJAM	34.54	13.96	6.93	0.22	6.19	0.01	7.23
EAST GOJAM	66.60	22.20	10.42	3.63	14.38	0.00	15.98
SOUTH WOLLO	43.45	28.42	9.84	4.30	0.25	0.23	0.41
NORTH WOLLO	15.70	6.56	3.64	3.82	1.07	0.00	0.61
NORTH SHOA	55.92	31.59	6.50	9.16	6.54	0.00	2.13
N.WEST SHOA	34.22	24.40	3.69	3.27	1.38	0.00	1.49
ARSI	52.08	27.67	16.44	2.37	0.16	4.58	0.85
BALE	11.60	4.43	5.25	0.90	0.71	0.16	0.16
EAST WELLEGA	17.57	9.60	4.52	0.04	1.03	2.38	0.00
WEST WELLEGA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W.WEELGA(K.6)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEST HARARGHE	21.40	4.46	0.60	0.92	2.01	10.20	3.21
EAST HARARGHE	8.10	3.22	1.65	0.52	0.00	2.71	0.00
HARARI	0.10	0.00	0.00	0.00	0.00	0.10	0.00
WEST SHOA	54.41	15.47	1.37	2.98	21.11	0.00	13.47
GURAGHE	2.37	1.22	0.27	0.11	0.76	0.01	0.01
EAST SHOA	24.60	4.48	6.07	1.31	6.73	3.35	2.66
BORENA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ILLUBABOR	30.50	16.36	11.06	0.00	1.57	1.44	0.06
SIDAMA	4.05	1.07	0.91	0.00	0.00	2.07	0.00
GEDEO	2.22	1.23	0.90	0.00	0.00	0.09	0.00
NORTH OMO	39.69	7.85	24.70	0.63	1.13	5.37	0.00
AMARO WEREDA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BURJI "	1.17	0.05	0.26	0.07	0.80	0.00	0.00
KONSO "	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARDULLA "	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH OMO	1.23	0.52	0.69	0.00	0.00	0.02	0.00
HADIYA	17.30	7.97	3.79	0.73	3.79	1.02	0.00
KEMBATA	16.48	12.43	2.58	0.01	0.00	1.46	0.00
SHEKICHO	0.35	0.17	0.16	0.00	0.00	0.02	0.00
KEFICHO	5.45	2.60	1.28	0.00	0.00	1.57	0.00
BENCHO	0.22	0.14	0.08	0.00	0.00	0.00	0.00
JIMA	7.96	4.41	2.75	0.00	0.00	0.80	0.00
MAJI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANJERO	0.29	0.17	0.12	0.00	0.00	0.00	0.00
GAMBELA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIREDAWA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 3	13.06	5.89	0.53	4.02	1.36	0.00	1.26
" ZONE 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 6	17.86	4.49	1.21	2.52	7.48	0.00	2.16

Table 3. 1992/93 (1985 E.C.) Zonal Results of Oilseed Crops Area
Meher Season

ZONES	OIL SEEDS	NEUG	LINSEED	RAPE SEED
NORTH GONDAR	11.15	9.37	1.70	0.08
METEMA ZONE	0.00	0.00	0.00	0.00
SOUTH GONDAR	21.58	13.09	8.26	0.22
WEST GOJAM	38.17	28.90	9.28	0.00
EAST GOJAM	25.38	17.32	6.47	1.58
SOUTH WOLLO	1.02	0.60	0.42	0.00
NORTH WOLLO	0.21	0.00	0.21	0.00
NORTH SHOA	3.39	1.73	1.66	0.00
N.WEST SHOA	11.84	10.15	1.69	0.00
ARSI	20.93	0.90	19.53	0.49
BALE	3.89	0.05	3.84	0.00
EAST WELLEGA	18.40	18.21	0.19	0.00
WEST WELLEGA	0.00	0.00	0.00	0.00
W.WEELLGA(K.6)	0.00	0.00	0.00	0.00
WEST HARARGHE	0.00	0.00	0.00	0.00
EAST HARARGHE	0.16	0.00	0.16	0.00
HARARI	0.00	0.00	0.00	0.00
WEST SHOA	32.23	26.77	4.50	0.96
GURAGHE	0.34	0.30	0.03	0.01
EAST SHOA	0.08	0.00	0.04	0.05
BORENA	0.00	0.00	0.00	0.00
ILLUBABOR	3.76	2.36	1.40	0.00
SIDAMA	0.00	0.00	0.00	0.00
GEDEO	0.00	0.00	0.00	0.00
NORTH OMO	0.20	0.00	0.20	0.00
AMARO WEREDA	0.00	0.00	0.00	0.00
BURJI "	0.00	0.00	0.00	0.00
KONSO "	0.00	0.00	0.00	0.00
GARDULLA "	0.00	0.00	0.00	0.00
SOUTH OMO	0.00	0.00	0.00	0.00
HADIYA	0.02	0.00	0.02	0.00
KEMBATA	0.02	0.00	0.02	0.00
SHEKICHO	0.00	0.00	0.00	0.00
KEFICHO	0.03	0.03	0.00	0.00
BENCHO	0.00	0.00	0.00	0.00
JIMA	0.37	0.34	0.04	0.00
MAJI	0.00	0.00	0.00	0.00
JANJERO	0.00	0.00	0.00	0.00
GAMBELA	0.00	0.00	0.00	0.00
DIREDAWA	0.00	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00
" ZONE 3	0.00	0.00	0.00	0.00
" ZONE 4	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00
" ZONE 6	0.66	0.00	0.66	0.00

Table 4. 1992/93 (1985 E.C.) Zonal Results of Cereals Production - Meher Season

ZONES	CEREALS	TEFF	WHEAT	BARLEY	MILLET	OATS	MAIZE	SORGHUM
NORTH GONDAR	1573.68	572.73	80.24	201.77	132.80	10.17	70.71	505.26
METEMA ZONE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH GONDAR	1603.52	651.11	291.02	363.26	145.34	0.05	118.13	34.61
WEST GOJAM	4380.70	1500.39	96.68	636.51	717.15	0.04	1424.55	5.38
EAST GOJAM	4222.19	2112.89	986.83	457.00	3.16	0.41	451.72	210.19
SOUTH WOLLO	2818.68	578.97	829.82	388.35	0.00	56.53	314.99	650.02
NORTH WOLLO	887.64	191.43	174.02	265.92	0.18	10.74	54.07	191.28
NORTH SHOA	1298.37	455.72	506.23	212.72	0.00	0.00	32.06	91.63
N.WEST SHOA	870.02	268.02	278.48	259.80	0.00	4.84	13.51	45.36
ARSI	5548.78	386.50	2318.12	2399.81	0.00	113.95	260.34	70.07
BALE	1257.80	54.30	568.25	483.64	0.00	76.27	74.32	1.02
EAST WELLEGA	1011.79	719.21	36.60	152.20	103.14	0.64	0.00	0.00
WEST WELLEGA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W.WEELGA(K.6)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEST HARARGHE	1804.86	222.19	36.27	45.89	0.00	16.23	149.17	1335.11
EAST HARARGHE	946.02	9.23	169.29	38.25	0.00	5.23	240.33	483.69
HARARI	59.22	0.00	12.60	0.00	0.00	0.00	22.50	24.12
WEST SHOA	3020.15	1417.66	314.71	511.90	0.26	6.69	481.63	287.30
GURAGHE	300.50	71.55	24.54	28.64	0.00	2.12	115.15	58.52
EAST SHOA	1454.82	898.21	320.65	67.85	0.00	0.35	163.03	4.74
BORENA	293.15	0.00	7.52	44.05	0.00	0.00	241.58	0.00
ILLUBABOR	4259.44	1434.35	140.07	182.99	65.85	5.33	1580.17	850.69
SIDAMA	267.88	74.98	17.21	160.27	0.00	0.00	0.00	15.42
GEDEO	1460.15	6.65	11.04	57.87	0.00	0.00	1383.84	0.74
NORTH OMO	ERR	364.90	56.25	373.17	0.00	ERR	17.69	259.26
AMARO WEREDA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BURJI "	13.04	10.70	1.05	1.29	0.00	0.00	0.00	0.00
KONSO "	16.56	0.00	0.00	0.00	0.00	0.00	1.73	14.83
GARDULLA "	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH OMO	107.59	22.85	5.06	6.86	0.11	0.00	34.83	37.89
HADIYA	2882.11	564.68	680.76	190.15	1.53	0.00	1338.35	106.63
KEMBATA	3439.78	361.31	240.76	64.28	11.03	34.28	2653.99	74.13
SHEKICHO	8.68	0.50	0.06	0.88	0.00	0.00	5.43	1.82
KEFICHO	207.39	17.57	2.30	10.69	10.36	0.00	124.61	41.84
BENCHO	88.33	4.23	0.13	1.67	2.10	0.00	59.50	20.70
JIMA	966.72	93.25	13.83	48.90	59.21	0.00	550.03	201.49
MAJI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANJERO	11.46	1.48	0.46	1.27	0.38	0.00	5.44	2.43
GAMBELA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIREDAWA	29.02	0.00	0.00	0.00	0.00	0.00	1.52	27.50
METEKEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 3	321.41	80.99	92.92	147.50	0.00	0.00	0.00	0.00
" ZONE 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 6	565.68	284.42	260.81	16.12	0.00	0.00	0.00	4.32

Table 5. 1992/93 (1985 E.C.) Zonal Results of Pulses Production — Meher Season

ZONES	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK PEAS	HARICOT BEANS	VETCH
NORTH GONDAR	303.38	119.21	43.03	0.33	115.81	0.00	25.00
METEMA ZONE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH GONDAR	304.50	138.32	19.04	18.37	42.10	0.00	86.67
WEST GOJAM	186.33	92.61	16.66	0.00	29.74	0.00	47.32
EAST GOJAM	557.87	248.18	85.52	16.46	0.00	91.05	116.66
SOUTH WOLLO	537.83	399.88	103.16	25.97	2.36	2.81	3.65
NORTH WOLLO	96.26	45.81	16.68	16.22	9.74	0.00	7.81
NORTH SHOA	447.55	237.69	55.13	76.97	77.70	0.00	0.07
N.WEST SHOA	376.71	307.87	31.58	21.17	16.02	0.00	0.08
ARSI	454.58	305.25	122.42	4.95	2.85	18.62	0.48
BALE	97.87	58.36	36.65	1.65	1.21	0.00	0.00
EAST WELLEGA	42.92	0.00	22.32	0.06	6.19	14.35	0.00
WEST WELLEGA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W.WEELGA(K.6)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEST HARARGHE	43.45	9.56	1.39	1.35	1.44	29.70	0.00
EAST HARARGHE	114.00	63.60	30.16	0.00	0.00	20.24	0.00
HARARI	0.33	0.00	0.00	0.00	0.00	0.33	0.00
WEST SHOA	338.64	119.19	8.29	10.23	103.67	0.00	97.26
GURAGHE	18.25	12.82	1.95	0.54	2.85	0.00	0.08
EAST SHOA	217.53	52.70	57.60	7.58	57.15	16.00	26.50
BORENA	57.56	15.18	4.70	0.00	0.10	37.58	0.00
ILLUBABOR	279.83	186.93	75.16	0.00	10.01	7.50	0.23
SIDAMA	57.96	24.86	18.37	0.00	0.00	14.73	0.00
GEDEO	38.24	19.19	18.72	0.00	0.00	0.33	0.00
NORTH OMO	267.70	79.12	147.32	2.54	5.99	32.73	0.00
AMARO WEREDA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BURJI "	3.03	0.28	0.31	0.11	2.32	0.00	0.00
KONSO "	9.57	3.28	6.11	0.00	0.00	0.17	0.00
GARDULLA "	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOUTH OMO	15.21	7.84	7.29	0.00	0.00	0.08	0.00
HADIYA	64.31	23.53	11.08	6.21	17.42	6.07	0.00
KEMBATA	343.35	289.28	45.16	0.07	0.00	8.84	0.00
SHEKICHO	2.22	0.91	1.13	0.00	0.00	0.18	0.00
KEFICHO	41.79	25.12	12.37	0.00	0.00	4.30	0.00
BENCHO	2.01	1.57	0.44	0.00	0.00	0.00	0.00
JIMA	71.28	44.88	23.10	0.00	0.00	3.30	0.00
MAJI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JANJERO	2.37	1.41	0.97	0.00	0.00	0.00	0.00
GAMBELA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIREDAWA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 3	72.56	43.85	2.26	15.24	6.17	0.00	5.04
" ZONE 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
" ZONE 6	188.27	45.90	12.89	22.71	82.05	0.00	24.71

Table 6. 1992/93 (1985 E.C.) Zonal Results of Oilseeds Crops Production
Meher Season

ZONES	OIL SEEDS	NEUG	LINSEED	RAPE SEED
NORTH GONDAR	33.02	29.58	3.12	0.33
METEMA ZONE	0.00	0.00	0.00	0.00
SOUTH GONDAR	71.55	43.58	26.29	1.68
WEST GOJAM	78.70	59.63	15.72	3.35
EAST GOJAM	105.31	66.51	24.65	14.14
SOUTH WOLLO	3.64	2.35	1.29	0.00
NORTH WOLLO	0.24	0.00	0.24	0.00
NORTH SHOA	9.51	8.43	1.09	0.00
N.WEST SHOA	45.83	37.25	8.58	0.00
ARSI	121.79	2.21	114.99	4.59
BALE	35.20	0.10	35.10	0.00
EAST WELLEGA	66.02	65.47	0.55	0.00
WEST WELLEGA	0.00	0.00	0.00	0.00
W.WEELGA(K.6)	0.00	0.00	0.00	0.00
WEST HARARGHE	0.19	0.00	0.19	0.00
EAST HARARGHE	0.68	0.00	0.68	0.00
HARARI	0.00	0.00	0.00	0.00
WEST SHOA	105.29	79.32	16.56	9.41
GURAGHE	0.85	0.61	0.13	0.11
EAST SHOA	0.32	0.00	0.10	0.23
BORENA	0.00	0.00	0.00	0.00
ILLUBABOR	14.28	10.19	4.09	0.00
SIDAMA	0.01	0.00	0.01	0.00
GEDEO	0.00	0.00	0.00	0.00
NORTH OMO	0.96	0.00	0.96	0.00
AMARO WEREDA	0.00	0.00	0.00	0.00
BURJI "	0.00	0.00	0.00	0.00
KONSO "	0.00	0.00	0.00	0.00
GARDULLA "	0.00	0.00	0.00	0.00
SOUTH OMO	0.00	0.00	0.00	0.00
HADIYA	0.12	0.00	0.12	0.00
KEMBATA	0.08	0.00	0.08	0.00
SHEKICHO	0.00	0.00	0.00	0.00
KEFICHO	0.01	0.01	0.00	0.00
BENCHO	0.00	0.00	0.00	0.00
JIMA	0.46	0.44	0.02	0.00
MAJI	0.00	0.00	0.00	0.00
JANJERO	0.00	0.00	0.00	0.00
GAMBELA	0.00	0.00	0.00	0.00
DIREDAWA	0.00	0.00	0.00	0.00
METEKEL	0.00	0.00	0.00	0.00
ASSOSA	0.00	0.00	0.00	0.00
A.A. ZONE 1	0.00	0.00	0.00	0.00
" ZONE 2	0.00	0.00	0.00	0.00
" ZONE 3	0.00	0.00	0.00	0.00
" ZONE 4	0.00	0.00	0.00	0.00
" ZONE 5	0.00	0.00	0.00	0.00
" ZONE 6	3.53	0.00	3.53	0.00

Table 1. Estimated Area of Cereals by Zone for 1993/94 (1996 E.C.)
Meher Season private holdings
('000 HECTARES)

REGION/ZONE	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SURGHUM	MILLET	OATS
KILIL 1								
WESTERN	209.53	24.93	0.37	0.53	19.65	107.07	56.98	NA
CENTRAL	188.59	36.07	11.23	20.85	23.08	67.47	29.89	NA
EASTERN	77.18	5.49	15.20	44.72	3.79	4.99	2.99	NA
SOUTHERN	164.75	21.22	36.24	54.73	11.02	40.03	1.36	0.15
MEKELE	0.00	NR	NR	NR	NR	NR	NR	NR
KILIL 2	NA							
KILIL 3								
NORTH SHOA*	175.76	54.24	80.46	29.75	2.66	8.66	NA	NA
EAST GOJAM	356.97	174.19	71.09	53.54	45.52	12.11	0.40	0.12
WEST GOJAM	437.98	170.29	11.27	83.60	81.15	**0.97	90.59	0.09
NORTH GONDAR	151.37	NA	15.65	30.24	12.16	**77.53	13.18	2.61
SOUTH GONDAR	163.74	67.13	19.10	33.80	16.85	**6.18	20.65	0.01
NORTH WOLLO	73.03	15.40	15.95	19.20	3.35	**17.69	0.05	1.38
SOUTH WOLLO	184.27	37.47	51.76	27.92	18.49	**44.44	*0.37	3.82
KILIL 4								
ARSI	290.99	41.45	109.23	101.91	28.71	**4.05	*0.12	5.51
BALE	161.76	11.80	73.06	59.79	8.09	0.58	NA	8.43
EAST SHOA	130.72	85.74	22.97	3.69	17.98	0.30	NA	0.03
WEST SHOA	354.21	200.56	31.68	51.12	49.88	20.87	0.10	NA
BORENA	24.22	0.50	0.96	4.15	18.47	0.13	*0.023	NA
WEST HARARGHE	147.86	**29.95	**2.29	**6.91	**18.74	**89.20	*0.28	*0.45
EAST HARARGHE	95.66	0.72	10.19	3.15	31.69	49.29	NA	0.62
ILLUBABOR	346.10	136.59	12.11	16.49	120.59	**52.90	6.68	0.73
JIMA	64.08	8.26	1.76	3.87	23.19	20.24	6.72	*0.03
WEST WELLEGA	0.00	NR	NR	NR	NR	NR	NR	NR
EAST WELLEGA	240.44	84.51	2.34	12.37	91.91	32.47	16.75	0.09
N.WEST SHOA	86.04	26.81	31.25	23.16	0.54	3.74	NA	0.55
KILIL 5	NR							
KILIL 6	NR							
S. ETHIOPIA								
SIDAMA	21.20	7.67	1.48	10.74	NA	1.31	NA	NA
NORTH OMO	116.42	43.83	5.61	21.70	17.83	27.38	0.07	NA
SOUTH OMO	10.91	0.70	0.45	1.85	4.56	3.35	0.00	NA
KEFICHO	19.83	2.41	0.20	1.63	11.22	3.49	0.88	NA
MAJI	0.00	NR	NR	NR	NR	NR	NR	NR
BENCHO	5.04	0.67	0.02	0.11	2.77	1.19	0.27	NA
SHEKICHO*	0.72	0.10	0.01	0.11	0.41	0.09	NA	NA
GURAGHE	23.05	**9.60	**1.96	**2.71	**6.90	**1.80	NA	*0.05
GEDIO	52.08	0.79	0.17	3.96	**47.12	**0.04	NA	NA
KEMBATA	176.88	49.93	23.47	2.10	95.18	5.32	0.87	NA
HADIYA	141.88	29.22	33.83	6.26	64.77	7.77	0.03	NA
AMARO	0.00	NR	NR	NR	NR	NR	NR	NR
BURJI	5.15	4.28	0.56	0.31	NA	NA	NA	NA
KONSO	0.00	NR	NR	NR	NR	NR	NR	NR
GARDULA	0.00	NR	NR	NR	NR	NR	NR	NR
JANJERO	0.83	**0.12	**0.05	**0.12	**0.25	**0.13	**0.11	*0.02
GAMBELA	NR							
HARARI	8.96	NA	*0.89	NA	*3.59	*4.46	NA	NA
KILIL 14								
ZONE 1	0.00	NR	NR	NR	NR	NR	NR	NR
ZONE 2	0.00	NR	NR	NR	NR	NR	NR	NR
ZONE 3	0.99	0.51	0.36	0.13	NA	0.00	NA	NA
ZONE 4	0.00	NR	NR	NR	NR	NR	NR	NR
ZONE 5	0.00	NR	NR	NR	NR	NR	NR	NR
ZONE 6	2.24	1.19	0.76	0.01	NA	0.29	NA	NA
DIREDAWA								
DIREDAWA	2.74	NR	NR	NR	0.26	2.48	NR	NR
TOTAL	4714.24	1384.33	696.01	737.25	902.48	720.08	249.39	24.70

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 2. Estimated Production of Cereals by Zone for 1993/94 (1996 E.C.)
Meher Season private holdings
(000 QUINTALS)

REGION/ZONE	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SORGHUM	MILLET	OATS
KILIL 1								
WESTERN	1466.40	98.83	2.29	4.36	180.76	882.18	297.98	NA
CENTRAL	1114.38	155.43	63.19	123.36	141.56	472.48	158.36	NA
EASTERN	309.81	13.67	62.57	165.36	19.30	32.57	16.34	NA
SOUTHERN	636.12	26.93	176.58	232.06	37.37	154.83	7.75	0.60
MEKELE	NR	NR	NR	NR	NR	NR	NR	NR
KILIL 2	NA							
KILIL 3								
NORTH SHOA*	1424.97	561.17	495.30	210.85	28.78	128.86	NA	NA
EAST GOJAM	4018.49	1943.86	898.02	415.87	546.58	210.19	3.16	0.82
WEST GOJAM	4374.50	1450.88	93.30	680.87	1424.55	7.71	717.15	0.04
NORTH GONDAR	1541.12	442.72	77.75	213.27	85.98	588.12	120.72	12.56
SOUTH GONDAR	1650.99	636.78	291.02	410.71	110.40	36.27	165.77	0.03
NORTH WOLLO	540.77	28.71	139.22	190.13	CNA	165.84	0.47	16.40
SOUTH WOLLO	2372.26	448.47	794.22	345.71	242.29	482.90	*2.08	56.60
KILIL 4								
ARSI	5209.64	70.34	2269.44	2337.42	353.28	65.16	*0.05	113.95
BALE	945.71	138.45	238.67	454.63	37.16	0.54	NA	76.27
EAST SHOA	1277.56	908.72	196.56	47.70	121.07	3.17	NA	0.35
WEST SHOA	2920.96	1402.07	283.24	460.71	472.96	301.09	**0.26	*0.63
BORENA	404.84	*48.59	8.65	45.37	301.98	*NA	*0.25	NA
WEST HARARGHE	1729.73	**221.19	**10.48	**57.96	**99.50	**1335.51	*2.00	*3.10
EAST HARARGHE	626.42	5.12	153.71	28.84	120.17	314.40	NA	4.18
ILLUBABOR	3743.15	1201.41	86.47	172.23	1344.57	842.69	89.49	6.30
JIMA	925.06	82.53	14.51	54.38	473.58	251.06	48.91	0.00
WEST WELLEGA	NR	NR	NR	NR	NR	NR	NR	NR
EAST WELLEGA	1011.79	719.21	36.60	152.20	NA	NA	103.14	0.64
N.WEST SHOA	736.41	226.78	218.88	203.27	13.32	69.26	NA	4.90
KILIL 5	NR							
KILIL 6	NR							
S. ETHIOPIA								
SIDAMA	255.72	68.08	12.46	160.27	NA	14.91	NA	NA
NORTH OMO	380.95	178.99	23.05	9.89	43.51	125.30	*0.21	NA
SOUTH OMO	55.64	2.74	5.26	17.48	14.98	15.16	0.02	NA
KEFICHO	232.43	18.80	2.39	11.23	143.30	46.03	10.67	NA
MAJI	0.00	NR	NR	NR	NR	NR	NR	NR
BENCHO	84.08	4.67	0.09	1.47	59.50	17.39	0.96	NA
SHEKICHO	7.00	0.45	0.04	1.00	4.48	1.03	NA	NA
GURAGHE	284.55	72.76	24.66	28.64	102.08	56.41	NA	NA
GEDIO	1459.29	5.80	11.04	57.87	*1383.85	**0.745	NA	NA
KEMBATA	2384.83	312.64	124.50	12.23	1861.51	66.51	7.44	NA
HADIYA	3155.41	837.98	680.76	190.15	1338.35	106.63	1.53	NA
AMARO	NR	NR	NR	NR	NR	NR	NR	NR
BURJI	13.04	10.70	1.05	1.29	NA	NA	NA	NA
KONSO	NR	NR	NR	NR	NR	NR	NR	NR
GARDULA	NR	NR	NR	NR	NR	NR	NR	NR
JANJERO	11.53	1.48	0.46	1.27	5.44	2.43	0.38	*0.063
GAMBELA	NR							
HARARI	40.38	NA	10.08	NA	14.62	15.68	NA	NA
KILIL 14								
ZONE 1	NR	NA	NA	NA	NA	NA	NA	NA
ZONE 2	NR	NA	NA	NA	NA	NA	NA	NA
ZONE 3	10.25	4.66	4.31	1.28	NA	NA	NA	NA
ZONE 4	NR	NA	NA	NA	NA	NA	NA	NA
ZONE 5	NR	NA	NA	NA	NA	NA	NA	NA
ZONE 6	28.76	16.35	12.10	0.14	NA	**0.16	NA	NA
DIREDAWA								
DIREDAWA	18.70	NA	NA	NA	0.82	17.88	NA	NA
TOTAL	47403.94	12367.96	7523.01	7501.46	11127.91	6831.09	1755.10	297.42

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 3. Estimated Yield of Cereals by Zone for 1993/94 (1986 E.C.)
Meher Season private holdings
(Quintals/Hectare)

REGION/ZONE	CEREALS	TEFF	WHEAT	BARLEY	MAIZE	SORGHUM	MILLET	OATS
KILIL 1								
WESTERN	7.00	3.96	6.23	8.28	9.20	8.24	5.23	
CENTRAL	5.91	4.31	5.63	5.92	6.13	7.00	5.30	
EASTERN	4.01	2.49	4.12	3.70	5.09	6.53	5.46	
SOUTHERN	3.86	1.27	4.87	4.24	3.39	3.87	5.71	4.00
MEKELE								
KILIL 2	NA							
KILIL 3								
NORTH SHOA*	8.11	10.35	6.16	7.09	10.82	14.88		
EAST GOJAM	11.26	11.16	12.63	7.77	12.01	17.36	7.89	6.83
WEST GOJAM	9.99	8.52	8.28	8.14	17.55	7.87	7.92	0.43
NORTH GONDAR	10.18		4.97	7.05	7.07	7.59	9.16	4.81
SOUTH GONDAR	10.08	9.49	15.24	12.15	6.55	5.86	8.03	2.00
NORTH WOLLO	7.41	1.86	8.73	9.90		9.37	10.16	11.84
SOUTH WOLLO	12.87	11.97	15.34	12.38	13.11	10.87	5.52	14.83
KILIL 4								
ARSI	17.90	1.70	20.78	22.94	12.31	16.05	0.38	20.70
BALE	5.85	11.73	3.27	7.60	4.59	0.93		9.05
EAST SHOA	9.77	10.60	8.56	12.92	6.73	10.49		11.67
WEST SHOA	8.25	6.99	8.94	9.01	9.48	14.43	2.68	
BORENA	16.72	98.10	9.04	10.94	16.35		11.00	
WEST HARARGHE	11.70	7.38	4.56	8.39	5.31	14.97	6.93	6.85
EAST HARARGHE	6.55	7.14	15.08	9.17	3.79	6.38		6.71
ILLUBABOR	10.82	8.80	7.14	10.45	11.15	15.93	13.40	8.57
JIMA	14.44	9.99	8.32	14.04	20.42	12.40	7.28	
WEST WELLEGA								
EAST WELLEGA	4.21	8.51	15.65	12.30			6.16	7.09
N.WEST SHOA	8.56	8.46	7.01	8.78	24.82	18.53		8.95
KILIL 5	NA							
KILIL 6	NA							
S. ETHIOPIA								
SIDAMA	12.06	8.88	8.44	14.92		11.34		
NORTH OMO	3.27	4.08	4.11	0.46	2.44	4.58	3.16	
SOUTH OMO	5.10	3.92	11.69	9.47	3.29	4.52	5.33	
KEFICHO	11.72	7.82	12.26	6.87	12.77	13.18	12.09	
MAJI								
BENCHO	16.69	6.96	4.04	13.71	21.47	14.59	3.50	
SHEKICHO*	9.78	4.52	2.68	9.26	11.06	11.43		
GURAGHE	12.35	7.58	12.55	10.54	14.79	31.19		
GEDIO	28.02	7.34	64.09	14.63	29.37	17.82		
KEMBATA	13.48	6.26	5.30	5.82	19.56	12.49	8.57	
HADIYA	22.24	28.68	20.12	30.36	20.66	13.72	51.14	
AMARO								
BURJI	2.53	2.50	1.86	4.21				
KONSO								
GARDULA								
JANJERO	13.82	12.21	7.84	9.95	21.47	18.27	3.20	3.00
GAMBELA	NA							
HARARI	4.51		11.27		4.07	3.51		
KILIL 14								
ZONE 1								
ZONE 2								
ZONE 3	10.30	9.18	11.93	10.19				
ZONE 4								
ZONE 5								
ZONE 6	12.81	13.77	15.90	13.25		0.58		
DIREDAWA								
DIREDAWA	6.82				3.16	7.21		
TOTAL	10.06	8.93	10.81	10.17	12.33	9.49	7.04	12.04

NA, 0.00 or ** Data not Available

Table 4. Estimated Area of Pulses by Zone for 1993/94 (1986 E.C.)
Meher Season private holdings
(⁰⁰⁰ HECTARES)

REGION/ZONE	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
KILIL 1							
WESTERN	7.36	1.98	0.72	NA	4.39	0.02	0.25
CENTRAL	850.84	5.82	2.77	2.96	3.39	833.83	2.07
EASTERN	9.22	1.16	1.21	1.15	3.65	0.08	1.98
SOUTHERN	18.65	6.06	3.69	2.07	3.10	0.67	3.06
MEKELE	0.00	NR	NR	NR	NR	NR	NR
KILIL 2	NA						
KILIL 3							
NORTH SHOA*	72.34	48.24	6.93	6.84	6.54	*1.09	2.69
EAST GOJAM	62.10	17.98	8.75	1.96	12.94	*3.05	17.42
WEST GOJAM	45.47	19.78	9.22	0.11	8.04	0.01	8.30
NORTH GONDAR	53.08	19.42	9.40	0.04	19.74	*1.044	3.44
SOUTH GONDAR	55.22	19.38	2.15	1.80	8.16	*2.55	21.17
NORTH WOLLO	13.89	5.05	4.03	3.13	1.07	NA	0.61
SOUTH WOLLO	52.64	34.70	12.06	5.01	0.38	0.18	0.30
KILIL 4							
ARSI	50.25	25.77	17.31	3.25	0.14	2.50	1.28
BALE	13.04	4.43	5.25	1.13	1.47	0.75	**0.01
EAST SHOA	37.35	7.14	7.16	3.10	10.80	3.67	5.48
WEST SHOA	55.56	15.52	1.44	3.03	21.62	0.00	13.95
BORENA	0.00	NA	NA	NA	NA	NA	NA
WEST HARARGHE	21.40	**4.45	**0.59	**0.92	**2.01	**10.20	**3.20
EAST HARARGHE	5.17	0.55	1.58	**0.52	NA	2.52	NA
ILLUBABOR	36.98	18.48	13.00	NA	3.34	2.09	0.06
JIMA	10.80	5.25	3.86	NA	*0.77	0.92	NA
WEST WELLEGA	0.00	NR	NR	NR	NR	NR	NR
EAST WELLEGA	17.57	9.60	4.52	0.04	1.03	2.38	NA
N.WEST SHOA	33.95	24.17	3.31	3.22	1.38	*0.06	1.80
KILIL 5	NR						
KILIL 6	NR						
S. ETHIOPIA							
SIDAMA	4.05	1.07	0.91	NA	NA	2.07	NA
NORTH OMO	25.65	4.87	13.62	0.44	2.04	4.69	NA
SOUTH OMO	1.89	0.97	0.74	*0.13	*0.01	0.05	NA
KEFICHO	5.65	2.71	1.33	NA	NA	1.61	NA
MAJI	0.00	NR	NR	NR	NR	NR	NR
BENCHO	0.24	0.15	0.10	NA	NA	NA	NA
SHEKICHO*	0.39	0.17	0.17	NA	NA	0.04	NA
GURAGHE	2.65	**1.35	**0.30	**0.11	**0.84	**0.01	**0.01
GEDIO	2.27	1.24	0.94	*0.01	NA	0.08	NA
KEMBATA	10.57	7.73	2.12	0.00	NA	0.71	NA
HADIYA	16.03	4.96	2.44	3.32	4.24	1.07	NA
AMARO	0.00	NR	NR	NR	NR	NR	NR
BURJI	0.99	0.05	0.10	**0.05	0.80	NA	NA
KONSO	0.00	NR	NR	NR	NR	NR	NR
GARDULA	0.00	NR	NR	NR	NR	NR	NR
JANJERO	0.30	**0.17	**0.12	*0.01	NA	NA	NA
GAMBELA	NR						
HARARI	0.10	NA	NA	NA	NA	**0.10	NA
KILIL 14							
ZONE 1	0.00	NR	NR	NR	NR	NR	NR
ZONE 2	0.00	NR	NR	NR	NR	NR	NR
ZONE 3	0.95	0.08	0.01	0.52	0.12	NA	0.22
ZONE 4	0.00	NR	NR	NR	NR	NR	NR
ZONE 5	0.00	NR	NR	NR	NR	NR	NR
ZONE 6	16.67	4.49	0.02	2.52	7.48	NA	2.16
DIREDAWA							
DIREDAWA	0.00	NR	NR	NR	NR	NR	NR
TOTAL	1611.31	324.95	141.88	47.41	129.50	878.08	89.48

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 5. Estimated Production of Pulses by Zone for 1993/94 (1986 E.C.)
Meher Season private holdings
(000 QUINTALS)

REGION/ZONE	PULSES	HORSE BEANS	FIELD PEAS	LENTILES	CHICK PEAS	HARICOT BEANS	VETCH
KILIL 1							
WESTERN	35.50	8.33	2.81	NA	22.42	0.04	1.91
CENTRAL	81.09	21.45	11.69	11.52	19.63	2.39	14.41
EASTERN	20.63	1.72	2.48	3.32	9.43	0.40	3.27
SOUTHERN	79.85	37.66	13.09	4.86	10.62	0.03	13.59
MEKELE	NR	NR	NR	NR	NR	NR	NR
KILIL 2	NA						
KILIL 3							
NORTH SHOA*	498.03	304.86	53.63	54.70	77.70	*7.04	0.12
EAST GOJAM	368.58	138.98	65.85	9.88	NA	41.88	111.99
WEST GOJAM	260.96	144.58	25.16	NA	40.70	NA	50.52
NORTH GONDAR	336.19	138.28	41.22	0.19	130.87	NA	25.63
SOUTH GONDAR	326.03	150.76	19.54	11.39	29.22	NA	115.13
NORTH WOLLO	58.08	22.91	9.67	7.95	9.74	NA	7.81
SOUTH WOLLO	470.16	349.66	86.44	26.28	2.42	2.17	3.20
KILIL 4							
ARSI	244.32	170.94	48.97	7.38	3.45	12.51	1.06
BALE	96.99	58.36	36.65	1.02	0.95	NA	NA
EAST SHOA	250.79	53.55	41.07	26.77	93.10	9.80	26.50
WEST SHOA	312.00	91.78	7.71	9.55	105.12	NA	97.85
BORENA	59.13	*21.45	*24.57	*0.15	*1.55	*11.32	*0.09
WEST HARARGHE	43.75	9.56	1.39	**1.35	**1.44	29.70	*0.30
EAST HARARGHE	84.86	54.00	19.12	*1.95	*0.58	11.74	NA
ILLUBABOR	310.68	195.23	80.06	NA	26.26	8.88	0.25
JIMA	79.63	44.97	31.55	NA	NA	3.12	NA
WEST WELLEGA	NR	NR	NR	NR	NR	NR	NR
EAST WELLEGA	36.91	NA	22.32	0.06	6.19	**8.34	NA
N.WEST SHOA	293.44	234.50	23.75	18.81	16.02	*0.27	0.09
KILIL 5	NR						
KILIL 6	NR						
S. ETHIOPIA							
SIDAMA	57.96	24.86	18.37	NA	NA	14.73	NA
NORTH OMO	136.93	29.77	68.18	1.37	7.10	30.51	NA
SOUTH OMO	18.44	12.39	6.05	NA	NA	NA	NA
KEFICHO	43.42	26.12	12.87	NA	NA	4.43	NA
MAJI	NR	NR	NR	NR	NR	NR	NR
BENCHO	2.17	1.71	0.45	NA	NA	NA	NA
SHEKICHO*	2.46	0.91	1.12	NA	NA	0.42	NA
GURAGHE	17.38	12.25	1.90	0.51	2.72	NA	NA
GEDIO	34.50	17.14	17.08	NA	NA	0.28	NA
KEMBATA	165.32	132.00	28.99	0.01	NA	4.32	NA
HADIYA	69.59	23.24	8.52	16.71	15.50	5.62	NA
AMARO	0.00	NR	NR	NR	NR	NR	NR
BURJI	3.03	0.28	0.31	0.11	2.32	0.00	NA
KONSO	5.07	**1.74	**3.24	NA	NA	**0.09	NA
GARDULA	0.00	NR	NR	NR	NR	NR	NR
JANJERO	2.37	1.41	0.97	0.00	0.00	0.00	NA
GAMBELA	NR						
HARARI	0.67	NR	NR	NR	NR	**0.67	NR
KILIL 14							
ZONE 1	0.00	NR	NR	NR	NR	NR	NR
ZONE 2	0.00	NR	NR	NR	NR	NR	NR
ZONE 3	6.41	0.76	0.08	2.44	1.21	NA	1.92
ZONE 4		NR	NR	NR	NR	NR	NR
ZONE 5		NR	NR	NR	NR	NR	NR
ZONE 6	175.45	45.90	0.08	22.71	82.05	NA	24.71
DIREDAWA							
DIREDAWA	NR						
TOTAL	5091.30	2584.00	836.94	240.98	718.30	210.72	500.34

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 6. Estimated Yield of Pulses by Zone for 1993/94 (1996 E.C.)
Meher Season private holdings
(Quintals/Hectare)

REGION/ZONE	PULSES	HORSE	FIELD	LENTILS	CHICK	HARICOT	VETCH
KILIL 1							
WESTERN	4.82	4.20	3.92		5.10	2.00	7.64
CENTRAL	0.10	3.69	4.22	3.89	5.79	0.00	6.96
EASTERN	2.24	1.49	2.06	2.90	2.58	4.86	1.65
SOUTHERN MEKELE	4.28	6.22	3.55	2.34	3.43	0.05	4.45
KILIL 2	NA						
KILIL 3							
NORTH SHOA*	6.88	6.32	7.73	8.00	11.89	6.41	0.05
EAST GOJAM	5.94	7.73	7.52	5.04		13.73	6.43
WEST GOJAM	5.74	7.31	2.73		5.06		6.08
NORTH GONDAR	6.33	7.12	4.38	5.17	6.63		7.46
SOUTH GONDAR	5.90	7.78	9.08	6.33	3.58		5.44
NORTH WOLLO	4.18	4.53	2.40	2.54	9.10		12.80
SOUTH WOLLO	8.93	10.08	7.17	5.24	6.39	11.76	10.57
KILIL 4							
ARSI	4.86	6.63	2.83	2.27	24.38	5.00	0.83
BALE	7.44	13.18	6.98	0.90	0.65		
EAST SHOA	6.71	7.50	5.73	8.63	8.62	2.67	4.84
WEST SHOA	5.62	5.91	5.34	3.15	4.86		7.02
BORENA							
WEST HARARGHE	2.04	2.15	2.32	1.46	0.72	2.91	0.09
EAST HARARGHE	16.91	98.64	12.08	3.74		4.66	
ILLUBABOR	8.40	10.56	6.16		7.87	4.24	3.92
JIMA	7.37	8.57	8.17			3.40	
WEST WELLEGA							
EAST WELLEGA	2.10		4.94	1.34	6.03	3.50	
N.WEST SHOA	8.64	9.70	7.17	5.84	11.63	4.15	0.05
KILIL 5	NA						
KILIL 6	NA						
S. ETHIOPIA							
SIDAMA	14.30	23.17	20.13			7.12	
NORTH OMO	5.34	6.11	5.01	3.12	3.48	6.51	
SOUTH OMO	9.77	12.81	8.18				
KEFICHO	7.68	9.64	9.65			2.75	
MAJI							
BENCHO	8.90	11.76	4.63				
SHEKICHO*	6.27	5.25	6.43			9.65	
GURAGHE	6.56	9.01	6.29	4.32	3.21		
GEDIO	15.22	13.82	18.22			3.49	
KEMBATA	15.64	17.07	13.68	3.20		6.06	
HADIYA	4.34	4.68	3.50	5.04	3.65	5.24	
AMARO							
BURJI	3.05	5.61	3.23	2.38	2.90		
KONSO							
GARDULA							
JANJERO	7.91	8.04	8.39				
GAMBELA	NA						
HARARI	6.44					6.44	
KILIL 14							
ZONE 1							
ZONE 2							
ZONE 3	6.73	9.89	8.72	4.65	9.98		8.70
ZONE 4							
ZONE 5							
ZONE 6	10.53	10.23	3.80	9.02	10.97		11.44
DIREDAWA							
DIREDAWA	NA						
TOTAL	3.16	7.95	5.90	5.08	5.55	0.24	5.59

Table 7. Estimated Area of Oil Crops by Zone for 1993/94 (1986 E.C.)
Meher Season private holdings
(000 HECTARES)

REGION/ZONE	OIL SEEDS	NEUG	LINSEED	RAPE SEED
KILIL 1				
WESTERN	1.95	1.23	0.72	NA
CENTRAL	2.19	0.44	1.74	0.00
EASTERN	1.25	0.00	1.25	NA
SOUTHERN	1.31	0.29	1.02	NA
MEKELE	0.00	NR	NR	NR
KILIL 2	NA			
KILIL 3				
NORTH SHOA*	3.46	1.87	1.59	NA
EAST GOJAM	25.89	16.80	7.44	1.54
WEST GOJAM	39.31	29.53	9.78	NA
NORTH GONDAR	13.35	11.06	2.18	0.12
SOUTH GONDAR	20.81	11.86	8.65	0.30
NORTH WOLLO	1.87	*1.77	0.10	NA
SOUTH WOLLO	1.10	0.68	0.34	*0.07
KILIL 4				
ARSI	22.87	0.85	21.82	0.20
BALE	9.20	0.14	9.02	*0.04
EAST SHOA	0.60	*0.37	0.19	**0.04
WEST SHOA	35.37	29.82	4.63	0.92
BORENA	0.00	NA	NA	NA
WEST HARARGHE	0.07	*0.01	*0.06	*0.01
EAST HARARGHE	0.24	NA	0.18	*0.05
ILLUBABOR	8.33	4.64	2.70	*0.99
JIMA	0.41	0.26	0.03	*0.12
WEST WELLEGA	0.00	NR	NR	NR
EAST WELLEGA	31.61	*27.45	*2.43	*1.71
N.WEST SHOA	13.46	10.78	1.64	*1.04
KILIL 5	NR			
KILIL 6	NR			
S. ETHIOPIA				
SIDAMA	0.20	*0.01	*0.05	*0.15
NORTH OMO	0.23	NA	0.18	*0.05
SOUTH OMO	0.00	NA	0.00	NA
KEFICHO	0.09	0.03	0.00	*0.05
MAJI	0.00	NR	NR	NR
BENCHO	0.04	NA	0.00	*0.04
SHEKICHO*	0.00	NA	0.00	0.00
GURAGHE	0.34	**0.30	**0.03	**0.01
GEDIO	0.01	NA	0.00	0.00
KEMBATA	0.03	NA	0.03	NA
HADIYA	0.04	NA	0.04	0.00
AMARO	0.00	NR	NR	NR
BURJI	0.00	NR	NR	NR
KONSO	0.00	NR	NR	NR
GARDULA	0.00	NR	NR	NR
JANJERO	0.00	NA	0.00	NA
GAMBELA	NR			
HARARI	NA			
KILIL 14				
ZONE 1	0.00	NR	NR	NR
ZONE 2	0.00	NR	NR	NR
ZONE 3	0.00	NR	NR	NR
ZONE 4	0.00	NR	NR	NR
ZONE 5	0.00	NR	NR	NR
ZONE 6	0.01	NA	0.01	NA
DIREDAWA				
DIREDAWA	0.00	NR	NR	NR
TOTAL	235.63	150.18	77.85	7.60

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 8. Estimated Production of Oil Crops by Zone for 1993/94 (1996
Meher Season private holdings
(000 QUINTALS)

REGION/ZONE	OIL SEEDS	NEUG	LINSEED	RAPE SEED
KILIL 1				
WESTERN	5.33	3.03	2.31	NA
CENTRAL	6.35	1.12	5.20	0.04
EASTERN	2.97	0.01	2.97	NA
SOUTHERN	3.15	0.87	2.28	NA
MEKELE	0.00	NR	NR	NR
KILIL 2	NA			
KILIL 3				
NORTH SHOA*	13.94	9.56	4.37	*0.01
EAST GOJAM	89.35	46.56	24.41	18.39
WEST GOJAM	90.48	70.11	18.22	2.14
NORTH GONDAR	39.77	35.96	3.40	0.41
SOUTH GONDAR	69.76	39.40	28.09	2.27
NORTH WOLLO	5.87	*5.77	0.10	NA
SOUTH WOLLO	2.90	1.99	0.81	*0.09
KILIL 4				
ARSI	132.88	2.72	125.57	*4.59
BALE	84.97	0.02	84.93	*0.02
EAST SHOA	1.24	0.44	0.75	*0.06
WEST SHOA	103.94	77.74	15.79	10.41
BORENA	0.16	0.08	NA	*0.08
WEST HARARGHE	0.18	*0.03	*0.15	*0.01
EAST HARARGHE	0.66	NA	0.62	*0.04
ILLUBABOR	34.51	20.40	10.13	*3.98
JIMA	4.44	0.35	0.01	*4.07
WEST WELLEGA	0.00	NR	NR	NR
EAST WELLEGA	74.58	65.47	0.55	*8.56
N.WEST SHOA	47.39	34.95	8.49	*3.95
KILIL 5	NR			
KILIL 6	NR			
S. ETHIOPIA				
SIDAMA	0.45	*0.01	0.01	*0.43
NORTH OMO	1.45	NA	0.94	0.51
SOUTH OMO	0.05	NA	*0.05	NA
KEFICHO	0.34	0.01	0.00	*0.32
MAJI	0.00	NR	NR	NR
BENCHO	0.18	NA	0.00	*0.18
SHEKICHO*	0.02	NA	0.00	*0.02
GURAGHE	0.77	0.55	0.12	**0.10
GEDIO	0.03	NA	*0.01	*0.02
KEMBATA	0.04	NA	0.04	0.00
HADIYA	0.14	NA	0.14	0.00
AMARO	0.00	NR	NR	NR
BURJI	0.00	NA	NA	NA
KONSO	0.00	NA	NA	NA
GARDULA	0.00	NR	NR	NR
JANJERO	0.00	NA	0.00	NA
GAMBELA	NR			
HARARI	NA			
KILIL 14				
ZONE 1	0.00	NA	NA	NA
ZONE 2	0.00	NA	NA	NA
ZONE 3	0.00	NA	NA	NA
ZONE 4	0.00	NA	NA	NA
ZONE 5	0.00	NA	NA	NA
ZONE 6	0.02	NA	0.02	NA
DIREDAWA				
DIREDAWA	NA			
TOTAL	818.32	417.13	340.48	60.71

NR or - Data not Reported

NA, 0.00 or ** Data not Available

* The 1985 estimated results used

** Calculated condition factors (ratios) used

Table 9. Estimated Yield of Oil Crops by Zone for 1993/94 (1986 E.C.)
Meher Season private holdings

REGION/ZONE	(Quintal/Hectar)			
	OILSEEDS	NEUG	LINSEED	RAPESEED
KILIL 1				
WESTERN	2.74	2.47	3.21	
CENTRAL	2.91	2.55	2.98	12.00
EASTERN	2.38	7.00	2.38	
SOUTHERN	2.40	3.04	2.23	
MEKELE				
KILIL 2	NA			
KILIL 3				
NORTH SHOA*	4.02	5.10	2.75	
EAST GOJAM	3.45	2.77	3.28	11.18
WEST GOJAM	2.30	2.37	1.86	
NORTH GONDAR	2.98	3.25	1.56	3.40
SOUTH GONDAR	3.35	3.32	3.25	7.56
NORTH WOLLO	3.13	3.25	0.97	
SOUTH WOLLO	2.63	2.91	2.38	1.18
KILIL 4				
ARSI	5.81	3.20	5.75	22.58
BALE	9.24	0.13	9.42	0.60
EAST SHOA	2.06	1.18	4.00	1.19
WEST SHOA	2.94	2.61	3.41	11.34
BORENA				
WEST HARARGHE	2.78	5.00	2.59	2.67
EAST HARARGHE	2.75		3.34	0.74
ILLUBABOR	4.14	4.40	3.76	4.00
JIMA	10.85	1.36	0.46	34.21
WEST WELLEGA				
EAST WELLEGA	2.36	2.38	0.23	5.00
N.WEST SHOA	3.52	3.24	5.16	3.79
KILIL 5	NA			
KILIL 6	NA			
S. ETHIOPIA				
SIDAMA	2.23	5.00	0.17	2.92
NORTH OMO	6.32		5.40	9.29
SOUTH OMO				
KEFICHO	3.76	0.35	0.19	6.00
MAJI				
BENCHO	4.64		0.73	5.00
SHEKICHO*	5.55		0.85	5.85
GURAGHE	2.24	1.80	4.54	8.33
GEDIO	3.67		3.00	4.00
KEMBATA	1.48		1.48	
HADIYA	3.59		3.82	
AMARO				
BURJI				
KONSO				
GARDULA				
JANJERO	0.73		0.73	
GAMBELA	NA			
HARARI	NA			
KILIL 14				
ZONE 1				
ZONE 2				
ZONE 3				
ZONE 4				
ZONE 5				
ZONE 6	2.71		2.71	
DIREDAWA				
DIREDAWA	NA			
TOTAL	3.47	2.78	4.37	7.99

TABLE 1. AREA RATIOS BETWEEN 1992/93 AND 1991/92 IN PERCENT

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK CROPS	MAIZE	SORGHUM	PULSES	OILSEEDS	TOTAL
ADDIS ABABA	97.927	101.135	76.884	109.508				89.065	75.115	95.852	113.645	111.529	100.013
NORTH SHOA	117.436	123.729	97.162	113.930				139.124	95.085	150.913	113.428	136.212	116.848
WEST SHOA	109.727	103.770	99.441	102.297				156.754	141.264	180.146	92.063	98.234	106.669
SOUTH SHOA	106.201	87.151	93.938	104.131	138.396			120.467	115.129	172.612	93.544	26.294	104.778
EAST SHOA	100.390	101.953	104.984	112.227				72.753	94.830	33.161	100.213	120.000	100.367
ARSI	87.837	88.850	90.477	94.392		103.893		61.923	66.839	55.589	101.596	112.204	90.392
BALE	107.557	117.847	97.470	115.600		112.938		119.672	134.256	104.382	110.965	101.814	107.533
SIDAMO	95.404	79.384	124.861	52.998				102.305	103.042	65.796	95.475	0.000	95.377
NORTH OMO	124.327	123.945	127.105	116.319	1442.857	98.182		123.147	116.431	126.159	157.689	119.041	132.109
SOUTH OMO	97.480	100.488	65.000	170.000	70.000			95.616	108.000	84.211	85.746		95.694
BORENA	0.000	0.000	0.000	0.000				0.000	0.000	0.000	0.000		0.000
EAST GOJAM	108.439	102.633	87.974	104.365	100.000			174.419	134.433	279.654	98.873	85.496	104.268
WEST GOGAM	105.230	101.049	106.733	96.908	128.771	91.720		103.853	104.783	95.713	75.806	99.433	101.130
METEKEL	114.117	111.990	290.594	652.326	96.308			111.950	127.339	102.903	104.057	103.516	113.047
NORTH GONDER	117.630	120.641	107.800	126.464	124.522	196.309		115.171	126.409	113.773	113.529	113.163	116.487
SOUTH GONDER	93.515	98.228	86.721	80.728	107.059	128.090		97.494	93.984	99.781	93.096	105.006	94.270
WEST HARERGHE	101.164	117.463	190.208	257.073				96.710	86.430	99.801	124.856	0.000	101.784
EAST HARERGHE	60.001	0.000	0.000	0.000		0.000		66.764	0.000	0.000	19.149	6.759	53.411
DIRE DAWA													
GAMBELLA													
ILLUBABOR	100.303	98.368	81.146	102.700	156.615	69.976		103.396	100.368	110.981	98.789	92.087	99.997
KEFFA	111.352	97.330	88.436	104.114	102.972			120.606	116.327	132.960	102.924		110.126
WELLEGA	104.071	100.943	97.573	90.997	102.395	108.303		111.086	112.128	108.956	103.673	104.818	104.110
ASSOSA													
NORTH WOLLO													
SOUTH WOLLO													
TIGRAY													
TOTAL	123.891	118.916	115.171	123.952	143.705	188.394		131.264	111.733	142.624	120.926	111.549	122.800

TABLE 2. PRODUCTION RATIO BETWEEN 1992/93 AND 1991/92 IN PER CENT

REGION	CEREALS	TEFF	BARLEY	WHEAT	MILLET	OATS	RICE	STALK CROPS	MAIZE	SORGHUM	PULSES	OILSEEDS	TOTAL
ADDIS ABABA	113.909	111.827	80.275	135.303				98.788	74.523	117.152	100.046	105.107	112.522
NORTH SHOA	131.376	136.992	114.049	152.316				129.074	98.900	135.662	110.030	116.481	126.424
WEST SHOA	97.550	85.322	89.000	91.516				137.171	122.635	162.260	65.457	79.554	93.845
SOUTH SHOA	121.739	118.383	123.031	95.179	135.966			135.837	130.480	229.315	97.927	18.298	120.443
EAST SHOA	117.632	122.037	123.250	136.953				74.856	94.028	37.610	98.532	120.000	115.553
ARSI	111.647	104.399	118.676	134.129		133.576		64.627	66.471	61.462	101.511	110.954	110.865
BALE	121.682	127.276	111.603	135.298		108.595		121.336	133.026	108.205	102.436	101.022	119.698
SIDAMO	115.977	116.441	132.108	112.557				108.594	108.718	98.344	140.915	0.000	118.408
NORTH OMO	150.187	126.163	156.175	164.328	1886.905	98.182		150.092	123.907	163.003	150.196	102.992	150.069
SOUTH OMO	136.492	128.137	56.429	170.000	70.000			142.131	185.518	95.509	85.896		131.554
BORENA										0.000			
EAST GOJAM	123.599	117.492	92.714	129.602	131.029			173.054	126.143	331.789	103.162	68.597	117.547
WEST GOGAM	119.213	114.695	118.882	108.211	162.995	73.376		112.297	111.545	123.469	58.636	63.456	109.675
METEKEL	129.715	136.013	290.814	863.547	113.048			119.419	122.598	117.177	104.619	101.727	128.280
NORTH GONDER	121.933	142.900	114.468	161.459	128.821	250.021		109.691	110.775	109.529	109.235	96.027	119.201
SOUTH GONDER	122.769	132.240	105.856	118.734	153.702	128.090		123.269	110.195	133.782	90.246	100.998	114.704
WEST HARERGHE	129.730	118.230	222.778	337.973				124.766	73.907	133.619	14.919	0.000	108.229
EAST HARERGHE										0.000			
DIRE DAWA										0.000			
GAMBELLA													
ILLUBABOR	116.704	129.505	100.554	153.957	222.028	86.510		104.906	99.426	123.632	92.997	88.832	114.888
KEFFA	108.910	128.897	115.757	152.338	120.265			105.061	96.997	137.986	103.171		108.411
WELLEGA	129.828	125.747	142.335	137.846	122.281	108.140		131.782	126.179	146.275	111.361	110.625	128.366
ASSOSA													
NORTH WOLLO													
SOUTH WOLLO													
TIGRAY													
TOTAL	124.689	125.157	116.256	133.345	144.567	202.926		121.506	111.723	138.952	105.466	88.321	121.669

[illegible]

Table 4. Area Ratio (Condition factor) between 1993/94 and 1992/93 (Pulses)

	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH	ADENGUARE
KILIL 1							
WESTERN	77.2	57.5		112.85		41.69	
CENTRAL	97.5	89.1	109.2	122.3	155.7	113.6	
EASTERN	90.3	66	127.4	81.8	133	118	
SOUTHERN MEKELE	53.3	46.25	48.65	127	357.5	281.79	
KILIL 2							
ZONE 1							
ZONE 2							
ZONE 3							
ZONE 4							
ZONE 5							
KILIL 3							
NORTH SHOA	152.74	106.7	74.62	100	65.89	126.4	
EAST GOJAM	81	84	54	90	243	109	
WEST GOJAM	141.63	133.08	52.29	130	120.55	114.81	
NORTH GONDAR	127.1	118.3	108.8	102.9	136.6	121.1	
SOUTH GONDAR	107.75	95.51	66.01	75.5	107.33	133.85	
NORTH WOLLO	77	110.7	82	100		100	-91
SOUTH WOLLO	122.11	122.56	118.53	151.3	80.14	73.97	
KILIL 4							
ARSI	93.1	105.3	137.5	87.1	54.6	149.5	
BALE	100	100	126.04	207	480	100	7.7
EAST SHOA	159.35	117.94	236.33	160.43	109.63	206.3	
SOUTH SHOA							
WEST SHOA	100.3	105.4	101.8	102.4	100.2	101.5	
BORENA							
WEST HARARGHE	100	100	100	100	100	100	
EAST HARARGHE	17	95.9	100	23.8	93		
ILLUBABOR	112.99	117.49		212.5	145.12	105.5	
JIMA	119	140.6	143.1	196	114.5		
WEST WELLEGA							
EAST WELLEGA	100	100	100	100	100		
N.WEST SHOA	99.06	89.89	98.48	100		121.31	
KILIL 5							
SHINILE							
JIJIGA							
FIK							
DEGAHABUR							
WARDER							
KEBRIDEHAR							
GODE							
AFDER							
MOYALE							
KILIL 6							
METEMA							
METEKEL							
ASSOSA							
WEST WELLEGA							
S. ETHIOPIA							
SIDAMA	100	100			100		
NORTH OMO	62.03059	55.11569	69.40578	180.249	87.26194		
SOUTH OMO	185	106.5	37	56	267		
KEFICHO	104	104			103		
MAJI							
BENCHO	104.47	117.69					
SHEKICHO	100	124.24			195		
GURAGHE	111.5	111.5	111.5	111.5	111.5	111.5	
GEDIO	100	100			92.06		
KEMBATA	100	100	26.42		48.8		
HADIYA	62.22	64.2	455	112	105.5		
AMARO							
BURJI	100	37.9	68.3	100			144.7
KONSO							
GARDULA							
JANJERO	100	100					
KEMBATA	11394	6166	3843	14	1371		
GAMBELA							
ZONE 1							
HARARI							
ZONE 1					100		
KILIL 14							
ZONE 1							
ZONE 2							
ZONE 3	1.31	1.74	13.06	8.92		17.53	
ZONE 4							
ZONE 5							
ZONE 6	100	1.74	100	100		100	
DIREDAWA							
DIREDAWA							

Table 5

Area Ratio (Condition factor) between 1993/94 and 1992/93 (Oilseed Crops)

	NEUG	LINSEED	RAPESEED	SESAME	GROUND NUTS	SUNFLOWER	CASTORBEAN	OTHER OILSEEDS
KILIL 1								
WESTERN	30.34	39.01		144.55				
CENTRAL	73.6	96.7	130		128.03			
EASTERN	16							
SOUTHERN	153.57	11.76				6.7		39.04
MEKELE								
KILIL 2								
ZONE 1								
ZONE 2								
ZONE 3								
ZONE 4								
ZONE 5								
KILIL 3								
NORTH SHOA	108.35	95.87	137.67	100.12		137.3		
EAST GOJAM	97	115	104			729		
WEST GOJAM	102.2	105.4						
NORTH GONDAR	118	128.3	151.4	144.5		74.5		
SOUTH GONDAR	90.57	104.7	136.44			58.24		
NORTH WOLLO	99.16	48.3		208		92.3		
SOUTH WOLLO	113.88	81.37	64.47			116.86		
KILIL 4								
ARSI	94.5	111.7	100			28.8		
BALE	267	235	100					
EAST SHOA	0	520	100					
SOUTH SHOA								
WEST SHOA	111.4	102.8	95.6					
BORENA								
WEST HARARGHE								
EAST HARARGHE		115	67.07					
ILLUBABOR	196.8	192.68	409.36	94.27		92.57		
JIMA	77	82.4	100				15.4	82.7
WEST WELLEGA								
EAST WELLEGA	100	100	100					
N.WEST SHOA	106.18	97.09	94.88			105.88		
KILIL 5								
SHINILE								
JUJIGA								
FIK								
DEGAHABUR								
WARDER								
KEBRIDEHAR								
GODE								
AFDER								
MOYALE								
KILIL 6								
METEMA								
METEKEL								
ASSOSA								
WEST WELLEGA								
S. ETHIOPIA								
SIDAMA		105	85		92		84.8	
NORTH OMO	*	86.53636		152.5641	9.82800983			
SOUTH OMO						322		
KEFICHO	103	100	103					
MAJI								
BENCHO		375.76	100					
SHEKICHO		285.41	143.53	1.67				
GURAGHE	100	100	100					
GEDIO								
KEMBATA		103.86						
HADIYA		163.3	88.04					
AMARO								
BURJI								
KONSO								
GARDULA								
JANJERO		100						
KEMBATA	511	511						
GAMBELA								
ZONE 1								
HARARI								
ZONE 1								
KILIL 14								
ZONE 1								
ZONE 2								
ZONE 3								
ZONE 4								
ZONE 5								
ZONE 6		0.93						
DIREDAWA								
DIREDAWA								

Table 7.

Production Ratio (Condition Factor) between 1993/94 and 1992/93 (Pulses)

	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH	ADENGUARE
KILIL 1							
WESTERN	64.04	78.27	138.73	62.5			
CENTRAL	136.9	81.2	82.5	187.4	135.7	141.6	
EASTERN	44.7	95.2	72.7	60.7	37.2	55.3	
SOUTHERN	43.68			48.11	15.43	274.23	
MEKELE							
KILIL 2							
ZONE 1							
ZONE 2							
ZONE 3							
ZONE 4							
ZONE 5							
KILIL 3							
NORTH SHOA	128.26	97.27	71.06	100	77.02	184.33	
EAST GOJAM	56	77	60	84	46	96	
WEST GOJAM	156.12	150.96	48	136.86	104.64	106.76	
NORTH GONDAR	116	95.8	58.5	113	102.1	102.5	
SOUTH GONDAR	108.99	102.59	62.04	69.4	109.35	132.83	
NORTH WOLLO	50	58	49	100		100	100
SOUTH WOLLO	87.44	83.79	101.18	102.43	77.14	87.79	
KILIL 4							
ARSI	56	40	149	121	67.21	222	
BALE	100	100	52	79	205	5	
EAST SHOA	101.6	71.3	353.3	162.91	61.26	100	
SOUTH SHOA							
WEST SHOA	77	93	93.4	101.4	97.7	100.6	
BORENA							
WEST HARARGHE	100	100	100	100	100	100	
EAST HARARGHE	100	63.4	106.5	100	58		
ILLUBABOR	104.44	106.52	75.7	262.44	118.49	105.47	
JIMA	100.2	136.6	103.4	157.7	94.3		
WEST WELLEGA							
EAST WELLEGA	100	100	100	100	58.12	100	
N.WEST SHOA	76.17	75.19	88.86	100	125.2	118.79	
KILIL 5							
DEGAHABUR							
JUJUA							
NEGOB/FIK							
WARDER							
KEBRIDEHAR							
GODE							
AFDER							
LIBEN							
SHINILE							
KILIL 6							
METEMA							
METEKEL							
ASSOSA							
WEST WELLEGA							
S. ETHIOPIA							
SIDAMA	100	100			100		
NORTH OMO	37.6276	46.27733	53.99817	118.5539	93.229		
SOUTH OMO	158	83	30	37			
KEFICHO	104	104			103		
MAJI							
BENCHO	109.2	103					
SHEKICHO	100	99.33			241.27		
GURAGHE	95.54	97.27	94.78	95.2	93.21		
GEDIO	100	100			85.91		
KEMBATA	100	100	11.74		48.91		
HADIYA	98.75	76.9	269	89	92.6		
AMARO							
BURJI	100	100	100	100			
KONSO	53	53	53	53	53		
GARDULA							
JANJERO	100	100	100				
GAMBELA							
ZONE 1							
HARARI							
ZONE 1					202.9		
KILIL 14							
ZONE 1							
ZONE 2							
ZONE 3	1.74	3.56	15.99	19.62		38.1	
ZONE 4							
ZONE 5							
ZONE 6	100	100	100	100		100	
DIREDAWA							
DIREDAWA							

Table 8

Production Ratio (Condition Factor) between 1993/94 and 1992/93 (Oilseed Crops)

	NEUG	LINSEED	RAPESEED	SESAME	GROUND NUTS	SUNFLOWER	CASTORBEAN	OTHER OILSEEDS
KILIL 1								
WESTERN	62.47	62.76		162				
CENTRAL	75.92	109.6	136	117.5				
EASTERN		4.7						
SOUTHERN		202.59				1.25		39.04
MEKELE								
KILIL 2								
ZONE 1								
ZONE 2								
ZONE 3								
ZONE 4								
ZONE 5								
KILIL 3								
NORTH SHOA	113.48	402.4	165.02	98.92		129.5		
EAST GOJAM	70	99	130			972		
WEST GOJAM	117.58	115.88	63.98					
NORTH GONDAR	121.6	109	125	171.2		77.7		
SOUTH GONDAR	90.4	106.85	135.59			62.75		
NORTH WOLLO	89.4	41.1		95.5		72		
SOUTH WOLLO	84.74	63.16	19.01			75.61		
KILIL 4								
ARSI	123	109.2	100			41.5		
BALE	17	242	100					63.02
EAST SHOA	0	780						
SOUTH SHOA								
WEST SHOA	98	95.4	110.7					
BORENA								
WEST HARARGHE								
EAST HARARGHE		90.5	71.5					
ILLUBABOR	200.26	247.92	409.36	97.1		84.41		
JIMA	80.4	80.4	100			80.5	80.3	
WEST WELLEGA								
EAST WELLEGA	100	100	100			100		
N.WEST SHOA	93.83	98.96	98.72			103.92		
KILIL 5								
DEGAHABUR								
JUJIGA								
NEGOBYFIK								
WARDER								
KEBRIDEHAR								
GODE								
AFDER								
LIBEN								
SHINILE								
KILIL 6								
METEMA								
METEKEL								
ASSOSA								
WEST WELLEGA								
S. ETHIOPIA								
SIDAMA	102	90					82.8	
NORTH OMO		98.65		26.31843	28.04183			
SOUTH OMO						440		
KEFICHO	103	100	103					
MAJI								
BENCHO		377.27	100					
SHEKICHO		286.19	287.28	2.22				
GURAGHE	89.6	97.44	89.6					
GEDIO								
KEMBATA		47.04						
HADIYA		116.3	64					
AMARO								
BURJI								
KONSO								
GARDULA								
JANJERO		100						
GAMBELA								
ZONE 1								
HARARI								
ZONE 1					50			
KILIL 14								
ZONE 1								
ZONE 2								
ZONE 3								
ZONE 4								
ZONE 5								
ZONE 6		0.47						
DIREDAWA								
DIREDAWA								

Table 1. Area Proportion of Cereals 1993/94

ZONES	CEREALS	TEFF	WHEAT	BARLEY	MILLET	OATS	MAIZE	SORGHUM
NORTH GONDAR	1		1	1	1	1	1	1
METEMA ZONE								
SOUTH GONDAR	1	1	1	1	1	1	1	1
WEST GOJAM	1	1	1	1	1	1	1	1
EAST GOJAM	1	1	1	1	1	1	1	1
SOUTH WOLLO	1	1	1	1	1	1	1	1
NORTH WOLLO	1	1	1	1	1	1	1	1
NORTH SHOA	0.598765	0.578939	0.590725	0.529614			0.764488	0.682693
N.WEST SHOA	0.401235	0.421061	0.409275	0.470386		1	0.235512	0.317307
ARSI	1	1	1	1	1	1	1	1
BALE	1	1	1	1		1	1	1
EAST WELLEGA	1	1	1	1	1	1	1	1
WEST WELLEGA								
W.WEELGA(K.6)								
WEST HARARGHE	1	1	1	1	1	1	1	1
EAST HARARGHE	0.962244	1	0.921574	1		1	0.95413	0.967356
HARARI	0.037756		0.078426				0.04587	0.032644
WEST SHOA	0.940784	0.958937	0.949764	0.947236	1	0.715909	0.870402	0.912041
GURAGHE	0.059216	0.041063	0.050236	0.052764		0.284091	0.129598	0.087959
EAST SHOA	1	1	1	1		1	1	1
BORENA	1	1	1	1	1		1	1
ILLUBABOR	1	1	1	1	1	1	1	1
SIDAMA	0.788448	0.9219	0.884757	0.730786				0.970172
GEDEO	0.211552	0.0781	0.115243	0.269214			1	0.029828
NORTH OMO	0.975199	0.957754	0.96303	0.988896	1		1	1
AMARO WEREDA								
BURJI "	0.024801	0.042246	0.03697	0.011104				
KONSO "								
GARDULLA "								
SOUTH OMO	1	1	1	1	1		1	1
HADIYA	0.511035	0.351791	0.594111	0.480084	0.02888		0.369254	0.558595
KEMBATA	0.488965	0.648209	0.405889	0.519916	0.97112	1	0.630746	0.441405
SHEKICHO	0.009714	0.006819	0.006141	0.015036			0.013252	0.005241
KEFICHO	0.226953	0.20301	0.109329	0.313705	0.086965		0.263249	0.183816
BENCHO	0.041318	0.03905	0.009773	0.024275	0.040008		0.074788	0.082004
JIMA	0.709379	0.739745	0.840263	0.621246	0.861007	0.955032	0.641873	0.721232
MAJI								
JANJERO	0.012636	0.011377	0.034495	0.025738	0.012021	0.044968	0.006838	0.007707
GAMBELA								
DIREDAWA	1						1	1
METEKEL								
ASSOSA								
A.A. ZONE 1								
" ZONE 2								
" ZONE 3	0.337367	0.299299	0.32204	0.922449				
" ZONE 4								
" ZONE 5								
" ZONE 6	0.662633	0.700701	0.67796	0.077551				1

Table 2. Area Proportion of Pulses 1993/94

ZONES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
NORTH GONDAR	1	1	1	1	1	1
METEMA ZONE						
SOUTH GONDAR	1	1	1	1	1	1
WEST GOJAM	1	1	1	1	1	1
EAST GOJAM	1	1	1	1	1	1
SOUTH WOLLO	1	1	1	1	1	1
NORTH WOLLO	1	1	1	1		1
NORTH SHOA	0.56414	0.638069	0.737103	0.826016	0.94411	0.589028
N.WEST SHOA	0.43586	0.361931	0.262897	0.173984	0.05589	0.410972
ARSI	1	1	1	1	1	1
BALE	1	1	1	1	1	1
EAST WELLEGA	1	1	1	1	1	
WEST WELLEGA						
W.WEELLGA(K.6)						
WEST HARARGHE	1	1	1	1	1	1
EAST HARARGHE	1	1	1	1	0.963001	
HARARI					0.036999	
WEST SHOA	0.926964	0.83517	0.965347	0.96526	0.417819	0.999073
GURAGHE	0.073036	0.16483	0.034653	0.03474	0.582181	0.000927
EAST SHOA	1	1	1	1	1	1
BORENA						
ILLUBABOR	1	1		1	1	1
SIDAMA	0.466302	0.502932			0.958958	
GEDEO	0.533698	0.497068	1		0.041042	
NORTH OMO	0.993669	0.989699	0.904871	0.585557	1	
AMARO WEREDA						
BURJI "	0.006331	0.010301	0.095129	0.414443		
KONSO "						
GARDULLA "						
SOUTH OMO	1	1	1	1	1	
HADIYA	0.390832	0.595389	0.986193	1	0.410323	
KEMBATA	0.609168	0.404611	0.013807		0.589677	
SHEKICHO	0.023157	0.035847			0.009424	
KEFICHO	0.347108	0.292501			0.655445	
BENCHO	0.018592	0.018985				
JIMA	0.587839	0.62638	0.976471	1	0.335131	
MAJI						
JANJERO	0.023304	0.026287	0.023529			
GAMBELA						
DIREDAWA						
METEKEL						
ASSOSA						
A.A. ZONE 1						
" ZONE 2						
" ZONE 3	0.567742	0.304348	0.614504	0.153846		0.338286
" ZONE 4						
" ZONE 5						
" ZONE 6	0.432258	0.695652	0.385496	0.846154		0.631714

Table 3. Area Proportion of Oilseed Crops 1993/94

ZONES	OILSEEDS	NEUG	LINSEED	RAPESEED	SESAME	GROUND NUTS	SUNFLOWER	CASTORBEAN
NORTH GONDAR	1	1	1	1	1		1	
METEMA ZONE								
SOUTH GONDAR	1	1	1	1			1	
WEST GOJAM	1	1	1		1			
EAST GOJAM	1	1	1	1			1	
SOUTH WOLLO	1	1	1	1	1		1	
NORTH WOLLO	1	1	1		1		1	
NORTH SHOA	0.328834	0.145617	0.494382	0.000959	0.990964		0.81918506	
N.WEST SHOA	0.671166	0.854383	0.505618	0.999041	0.009036		0.18081494	
ARSI	1	1	1	1	1		1	1
BALE	1	1	1	1	1			
EAST WELLEGA	1	1	1	1	1			
WEST WELLEGA								
W.WEELGA(K.6)								
WEST HARARGHE	1	1	1	1	1	1		
EAST HARARGHE	0.903106		1	1		0.89622	1	
HARARI	0.096894					0.10178		
WEST SHOA	0.989648	0.988736	0.993978	0.988029			1	
GURAGHE	0.010352	0.011264	0.006022	0.011971	1	1		
EAST SHOA	1	1	1	1				
BORENA								
ILLUBABOR	1	1	1	1	1		1	
SIDAMA	0.958091	1	0.9447	0.961039		1		1
GEDEO	0.041909		0.0553	0.038961				
NORTH OMO	1		1	1	1	1		
AMARO WEREDA								
BURJI "								
KONSO "								
GARDULLA "								
SOUTH OMO	1		1		1		1	
HADIYA	0.656586		0.472107	1				
KEMBATA	0.343414		0.527893					
SHEKICHO	0.002901		0.002114	0.017478	0.00578			
KEFICHO	0.086396	0.086351	0.06413	0.255078				
BENCHO	0.027129		0.021142	0.165328				
JIMA	0.879401	0.913649	0.905567	0.562116	0.99422			1
MAJI								
JANJERO	0.004174		0.007047					
GAMBELA								
DIREDAWA								
METEKEL								
ASSOSA								
A.A. ZONE 1								
" ZONE 2								
" ZONE 3								
" ZONE 4								
" ZONE 5								
" ZONE 6	1		1				1	

Table 4. Production Proportion of Cereals 1993/94

ZONES	CEREALS	TEFF	WHEAT	BARLEY	MILLET	OATS	MAIZE	SORGHUM
NORTH GONDAR	1	1	1	1	1	1	1	1
METEMA ZONE								
SOUTH GONDAR	1	1	1	1	1	1	1	1
WEST GOJAM	1	1	1	1	1	1	1	1
EAST GOJAM	1	1	1	1	1	1	1	1
SOUTH WOLLO	1	1	1	1	1	1	1	1
NORTH WOLLO	1	1	1	1	1	1	1	1
NORTH SHOA	0.60449154	0.629669233	0.645118	0.450183			0.703556	0.668899
N.WEST SHOA	0.39550846	0.370330767	0.354882	0.549817		1	0.296444	0.331101
ARSI	1	1	1	1	1	1	1	1
BALE	1	1	1	1		1	1	1
EAST WELLEGA	1	1	1	1	1	1		
WEST WELLEGA								
W.WEELGA(K.6)								
WEST HARARGHE	1	1	1	1	1	1	1	1
EAST HARARGHE	0.94021245	1	0.930711	1		1	0.914403	0.9525
HARARI	0.05978755		0.069289				0.085597	0.0475
WEST SHOA	0.91339312	0.951957445	0.927677	0.947024	1	0.759036	0.807054	0.830782
GURAGHE	0.08660688	0.048042555	0.072323	0.052976		0.240964	0.192946	0.169218
EAST SHOA	1	1	1	1		1	1	1
BORENA	1	1	1	1	1		1	1
ILLUBABOR	1	1	1	1	1	1	1	1
SIDAMA	0.68384218	0.918560182	0.609255	0.734713				0.953923
GEDEO	0.31615782	0.081439818	0.390745	0.265287			1	0.046077
NORTH OMO	0.96891134	0.971523776	0.981662	0.996551	1	ERR	0.910976	0.945879
AMARO WEREDA								
BURJI "	0.00974908	0.028476224	0.018338	0.003449				
KONSO "	0.02133958						0.089024	0.054121
GARDULLA "								
SOUTH OMO	1	1	1	1	1		1	1
HADIYA	0.5269842	0.609808571	0.738739	0.747358	0.122022		0.33523	0.58991
KEMBATA	0.4730158	0.390191429	0.261261	0.252642	0.877978	1	0.66477	0.41009
SHEKICHO	0.00636059	0.004255486	0.003786	0.012293			0.006541	0.006528
KEFICHO	0.20975041	0.150167459	0.054917	0.259728	0.105968		0.252375	0.187325
BENCHO	0.05732742	0.03610643	0.008591	0.023448	0.030469		0.071699	0.074284
JIMA	0.716044	0.796846948	0.902384	0.686704	0.858071	0.978873	0.662829	0.723137
MAJI								
JANJERO	0.01051758	0.012623677	0.030322	0.017828	0.005493	0.021127	0.006555	0.008727
GAMBELA								
DIREDAWA	1						1	1
METEKEL								
ASSOSA								
A.A. ZONE 1								
" ZONE 2								
" ZONE 3	0.26801473	0.221645022	0.262679	0.901476				
" ZONE 4								
" ZONE 5								
" ZONE 6	0.73198527	0.778354978	0.737321	0.098524				1

Table 5. Production Proportion of Pulses 1993/94

ZONES	PULSES	HORSE BEANS	FIELD PEAS	LENTILS	CHICK PEAS	HARICOT BEANS	VETCH
NORTH GONDAR	1	1	1	1	1	1	1
METEMA ZONE							
SOUTH GONDAR	1	1	1	1	1	1	1
WEST GOJAM	1	1	1	1	1	1	1
EAST GOJAM	1	1	1	1	1	1	1
SOUTH WOLLO	1	1	1	1	1	1	1
NORTH WOLLO	1	1	1	1	1	1	1
NORTH SHOA	0.58018	0.435679	0.635764	0.784329	0.829094	0.963059	0.46436
N.WEST SHOA	0.41982	0.564321	0.364236	0.215671	0.170906	0.036941	0.53564
ARSI	1	1	1	1	1	1	1
BALE	1	1	1	1	1	1	1
EAST WELLEGA	1		1	1	1	1	
WEST WELLEGA							
W.WEELLGA(K.6)							
WEST HARARGHE	1	1	1	1	1	1	1
EAST HARARGHE	0.992249	1	1	1	1	0.983951	
HARARI	0.007751					0.016049	
WEST SHOA	0.915385	0.902879	0.809677	0.949608	0.973212	0.413662	0.999135
GURAGHE	0.084615	0.097121	0.190323	0.050392	0.026788	0.586338	0.000865
EAST SHOA	1	1	1	1	1	1	1
BORENA	1	1	1	1	1	1	1
ILLUBABOR	1	1	1		1	1	1
SIDAMA	0.618298	0.564372	0.495264			0.978033	
GEDEO	0.381702	0.435628	0.504736	1		0.021967	
NORTH OMO	0.952301	0.956911	0.958203	0.959224	0.720457	0.994764	
AMARO WEREDA							
BURJI "	0.021224	0.003395	0.002045	0.040776	0.279543		
KONSO "	0.026475	0.039693	0.039753			0.005236	
GARDULLA "							
SOUTH OMO	1	1	1	1	1	1	
HADIYA	0.179496	0.075228	0.196949	0.988307	1	0.407135	
KEMBATA	0.820504	0.924772	0.803051	0.011693		0.592865	
SHEKICHO	0.017471	0.012353	0.031092			0.013893	
KEFICHO	0.346342	0.339963	0.295673			0.724665	
BENCHO	0.017057	0.021245	0.012105				
JIMA	0.599879	0.607419	0.634559	0.965263	1	0.261442	
MAJI							
JANJERO	0.019251	0.01902	0.026572	0.034737			
GAMBELA							
DIREDAWA							
METEKEL							
ASSOSA							
A.A. ZONE 1							
" ZONE 2							
" ZONE 3	0.182575	0.48855	0.148936	0.401621	0.069971		0.169469
" ZONE 4							
" ZONE 5							
" ZONE 6	0.817425	0.51145	0.851064	0.598379	0.930029		0.830531

Table 6. Production Proportion of Oilseed Crops 1993/94

ZONES	OILSEEDS	NEUG	LINSEEDS	RAPESEED	SESAME	GROUND NUTS	SUNFLOWER	CASTORBEAN
NORTH GONDAR	1	1	1	1	1			1
METEMA ZONE								
SOUTH GONDAR	1	1	1	1				1
WEST GOJAM	1	1	1	1	1			
EAST GOJAM	1	1	1	1				1
SOUTH WOLLO	1	1	1	1	1			1
NORTH WOLLO	1	1	1	0	1			1
NORTH SHOA	0.174181	0.184468	0.11231	0.001265	0.988501		0.85173653	
N.WEST SHOA	0.825819	0.815532	0.88769	0.998735	0.011499		0.14825347	
ARSI	1	1	1	1	1			
BALE	1	1	1	1	1			
EAST WELLEGA	1	1	1	1	1			
WEST WELLEGA								
W.WEELGA(K.6)								
WEST HARARGHE	1	1	1	1	1	1		
EAST HARARGHE	0.788668		1	1		0.779021		
HARARI	0.211332					0.220979		
WEST SHOA	0.991225	0.992329	0.992391	0.98863				1
GURAGHE	0.008775	0.007671	0.007609	0.01137	1	1		
EAST SHOA	1	1	1	1				
BORENA	1	1		1	1			
ILLUBABOR	1	1	1	1	1			
SIDAMA	0.949687	1	0.949438	0.947415		1		
GEDEO	0.050313		0.050562	0.052585				
NORTH OMO	1		1	1	1	1		
AMARO WEREDA								
BURJI "								
KONSO "								
GARDULLA "								
SOUTH OMO	1		1		1			
HADIYA	0.780451		0.595248	1				
KEMBATA	0.219549		0.404752					
SHEKICHO	0.002119		0.003582	0.004715	0.002148			
KEFICHO	0.050041	0.024953	0.093126	0.070555				
BENCHO	0.016936		0.030701	0.038109				
JIMA	0.928987	0.975047	0.862357	0.886622	0.997852	1		
MAJI								
JANJERO	0.001917		0.010234					
GAMBELA								
DIREDAWA								
METEKEL								
ASSOSA								
A.A. ZONE 1								
" ZONE 2								
" ZONE 3								
" ZONE 4								
" ZONE 5								
" ZONE 6	1		1					