

PEOPLES' DEMOCRATIC REPUBLIC
OF ETHIOPIA

CENTRAL STATISTICAL AUTHORITY

**AGRICULTURAL SAMPE SURVEY
1989/90 (1982 E.C.)
RESULTS OF
AREA AND PRODUCTION
FOR
PRIVATE HOLDINGS**

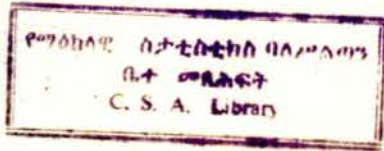
ADDIS ABABA , JUNE 1990

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Results of Area and Production for 1989/90 (1982 E.C.)

The 1989/90 Agricultural Survey schedules were processed by computer and the results for private holdings are presented in this publication. These are based on information collected through the holders in about 13043 agricultural households. The results of area and production are presented in 27 tables. The North Wollo results were estimated by applying the percentage changes of area of 1988/89 (1981 E.C) forecast vs main survey results and yield of crop cutting results of 1988/89(1981 E.C) to the area forecast of 1989/90 (1982 E.C)[The national estimates are calculated excluding Ertirea, Assab, Tigray and Ogaden Autonomous Regions].

The regional estimates presented in this publication are rough and are subject to higher sampling fluctuations. Care should therefore be taken while using the regional estimates.

N.B. Final results will be published by sector and season in the near future.

Table:1 Estimate of Area and Production Under Major Crops for Private Holdings for the Country* In 1989/90 (1982 E.C.)

	Area (000'hectare)	%	Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	3815.85	83.62	50704.86	88.24	13.29
Teff	1131.33	24.79	9818.07	17.08	8.68
Barley	538.94	11.81	7544.94	13.13	14.00
Wheat	477.65	10.47	6229.39	10.84	13.04
Maize	812.27	17.80	16086.33	27.99	19.80
Sorghum	680.76	14.92	9186.05	15.99	13.49
Millet	149.46	3.28	1479.53	2.57	9.90
Oats	25.44	.56	363.54	.63	14.29
PULSES	547.48	12.00	5934.46	10.33	10.84
Horse Beans	211.78	4.64	2676.91	4.66	12.64
Field Peas	77.61	1.70	915.94	1.59	11.80
Haricot Beans	70.33	1.54	655.70	1.14	9.32
Chick Peas	109.56	2.40	939.55	1.63	8.58
Lentils	34.23	.75	260.38	.45	7.61
Vetch	43.96	.96	485.98	.85	11.06
OTHERS	200.12	4.39	825.75	1.44	4.13
Neug	121.90	2.67	399.34	.69	3.28
Linseed	65.10	1.43	325.85	.57	5.01
Fenugreek	9.12	.20	60.95	.11	6.68
Rapeseed	4.00	.09	39.61	.07	9.90
ALL CROPS	4563.44	100.00	57465.06	100.00	12.59

* Excluding Eritrea, Assab, Tigray and Ogaden Autonomous Regions

Results of Area and Production for 1989/90 (1982 E.C.)

The 1989/90 Agricultural Survey schedules were processed by computer and the results for private holdings are presented in this publication. These are based on information collected through the holders in about 13043 agricultural households. The results of area and production are presented in 27 tables. The North Wollo results were estimated by applying the percentage changes of area of 1988/89 (1981 E.C)forecast vs main survey results and yield of crop cutting results of 1988/89(1981 E.C) to the area forecast of 1989/90 (1982 E.C)[The national estimates are calculated excluding Ertirea, Assab, Tigray and Ogaden Autonomous Regions].

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CEREALS	3815.85	83.62	50704.86	88.24	13.29
Teff	1131.33	24.79	9818.07	17.08	8.68
Barley	538.94	11.81	7544.94	13.13	14.00
Wheat	477.65	10.47	6229.39	10.84	13.04
Maize	812.27	17.80	16086.33	27.99	19.80
Sorghum	680.76	14.92	9186.05	15.99	13.49
Millet	149.46	3.28	1479.53	2.57	9.90
Oats	25.44	.56	363.54	.63	14.29
PULSES	547.48	12.00	5934.46	10.33	10.84
Horse Beans	211.78	4.64	2676.91	4.66	12.64
Field Peas	77.61	1.70	915.94	1.59	11.80
Haricot Beans	70.33	1.54	655.70	1.14	9.32
Chick Peas	109.56	2.40	939.55	1.63	8.58
Lentils	34.23	.75	260.38	.45	7.61
Vetch	43.96	.96	485.98	.85	11.06
OTHERS	200.12	4.39	825.75	1.44	4.13
Neug	121.90	2.67	399.34	.69	3.28
Linseed	65.10	1.43	325.85	.57	5.01
Fenugreek	9.12	.20	60.95	.11	6.68
Rapeseed	4.00	.09	39.61	.07	9.90
ALL CROPS	4563.44	100.00	57465.06	100.00	12.59

* Excluding Eritrea, Assab, Tigray and Ogaden Autonomous Regions

Table:2 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Arssi

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	319.61	80.89	5961.96	89.19	18.65
Teff	29.92	7.57	292.40	4.37	9.77
Barley	106.01	26.83	2188.59	32.74	20.64
Wheat	125.40	31.74	2182.53	32.65	17.40
Maize	34.04	8.62	713.61	10.68	20.96
Sorghum	19.45	4.92	492.68	7.37	25.33
Oats	4.78	1.21	92.15	1.38	19.26
PULSES	39.19	9.92	528.17	7.90	13.48
Horse Beans	20.99	5.31	344.17	5.15	16.39
Field Peas	5.13	1.30	70.94	1.06	13.82
Haricot Beans	9.57	2.42	94.87	1.42	9.92
Chick Peas	.29	.07	2.21	.03	7.65
Lentils	2.09	.53	8.93	.13	4.27
Vetch	1.12	.28	7.04	.11	6.29
OTHERS	36.33	9.19	194.53	2.91	5.35
Neug	1.09	.28	3.33	.05	3.05
Linseed	32.00	8.10	169.06	2.53	5.28
Fenugreek	1.75	.44	9.11	.14	5.20
Rapeseed	1.48	.37	13.04	.20	8.80
ALL CROPS	395.14	100.00	6684.66	100.00	16.92

Table:3 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Bale

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	83.14	87.57	1226.31	91.38	14.75
Teff	9.16	9.65	72.17	5.38	7.88
Barley	32.80	34.55	496.96	37.03	15.15
Wheat	29.04	30.59	480.72	35.82	16.55
Maize	3.65	3.85	60.46	4.51	16.55
Sorghum	.81	.86	8.28	.62	10.16
Millet	.01	.01	.00	.00	.00
Oats	7.67	8.08	107.72	8.03	14.05
PULSES	7.49	7.89	86.29	6.43	11.50
Horse Beans	1.87	1.97	37.70	2.81	20.16
Field Peas	3.75	3.95	37.91	2.82	10.11
Haricot Beans	.23	.25	1.04	.08	4.44
Chick Peas	.15	.16	1.64	.12	10.56
Lentils	1.32	1.39	6.82	.51	5.15
Vetch	.16	.17	1.19	.09	7.50
OTHERS	4.31	4.54	29.41	2.19	6.82
Neug	.06	.07	.35	.03	5.54
Linseed	3.48	3.66	25.82	1.92	7.43
Fenugreek	.77	.81	3.24	.24	4.19
ALL CROPS	94.94	100.00	1342.01	100.00	14.14

Table: 4 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

North Omo

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	120.09	81.80	1364.40	85.91	11.36
Teff	42.02	28.62	327.39	20.61	7.79
Barley	21.85	14.88	299.26	18.84	13.70
Wheat	3.08	2.10	26.29	1.66	8.54
Maize	10.60	7.22	159.31	10.03	15.04
Sorghum	42.22	28.76	545.63	34.35	12.92
Millet	.28	.19	6.40	.40	23.12
Oats	.05	.04	.12	.01	2.31
PULSES	26.68	18.17	223.74	14.09	8.39
Horse Beans	8.56	5.83	94.61	5.96	11.06
Field Peas	5.80	3.95	51.08	3.22	8.81
Haricot Beans	9.89	6.74	71.35	4.49	7.21
Chick Peas	2.40	1.64	6.68	.42	2.78
Lentils	.03	.02	.03	.00	.97
OTHERS	.04	.03	.09	.01	2.28
Linseed	.04	.03	.09	.01	2.28
ALL CROPS	146.81	100.00	1588.23	100.00	10.82

Table:5 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
South Omo

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	10.11	86.65	117.17	85.58	11.59
Teff	2.89	24.77	21.74	15.88	7.52
Barley	.56	4.84	6.14	4.48	10.86
Wheat	.23	1.96	2.25	1.64	9.84
Maize	2.99	25.66	38.85	28.38	12.97
Sorghum	3.43	29.42	48.19	35.20	14.04
PULSES	1.56	13.35	19.73	14.42	12.67
Horse Beans	.57	4.89	7.75	5.66	13.58
Field Peas	.81	6.90	9.05	6.61	11.24
Haricot Beans	.18	1.56	2.94	2.15	16.16
ALL CROPS	11.67	100.00	136.90	100.00	11.73

Table: 6 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

East Gojam

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	245.97	80.65	2812.85	84.84	11.44
Teff	119.96	39.33	1218.67	36.76	10.16
Barley	44.49	14.59	475.84	14.35	10.70
Wheat	33.25	10.90	379.78	11.45	11.42
Maize	24.85	8.15	442.71	13.35	17.82
Sorghum	22.83	7.48	292.90	8.83	12.83
Millet	.60	.20	2.95	.09	4.93
PULSES	40.52	13.29	417.38	12.59	10.30
Horse Beans	11.11	3.64	128.39	3.87	11.56
Field Peas	5.57	1.83	53.36	1.61	9.57
Haricot Beans	1.49	.49	6.20	.19	4.16
Chick Peas	10.60	3.48	89.04	2.69	8.40
Lentils	2.49	.82	12.11	.37	4.86
Vetch	9.26	3.03	128.27	3.87	13.86
OTHERS	18.49	6.06	85.42	2.58	4.62
Neug	10.92	3.58	38.67	1.17	3.54
Linseed	5.66	1.86	33.75	1.02	5.96
Fenugreek	1.51	.50	9.92	.30	6.56
Rapeseed	.40	.13	3.07	.09	7.69
ALL CROPS	304.99	100.00	3315.64	100.00	10.87

Table:7 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
West Gojam

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	325.21	81.96	3614.24	89.78	11.11
Teff	148.33	37.38	1145.37	28.45	7.72
Barley	41.68	10.51	514.63	12.78	12.35
Wheat	5.68	1.43	52.79	1.31	9.30
Maize	68.66	17.30	1307.05	32.47	19.04
Sorghum	5.24	1.32	51.74	1.29	9.87
Millet	54.99	13.86	538.74	13.38	9.80
Oats	.63	.16	3.92	.10	6.17
PULSES	30.79	7.76	274.95	6.83	8.93
Horse Beans	6.31	1.59	88.53	2.20	14.02
Field Peas	4.20	1.06	25.18	.63	5.99
Haricot Beans	.37	.09	.58	.01	1.57
Chick Peas	10.88	2.74	73.15	1.82	6.72
Vetch	9.02	2.27	87.50	2.17	9.70
OTHERS	40.79	10.28	136.47	3.39	3.35
Neug	34.98	8.82	119.93	2.98	3.43
Linseed	4.84	1.22	13.68	.34	2.82
Fenugreek	.32	.08	.00	.00	.00
Rapeseed	.65	.16	2.85	.07	4.37
ALL CROPS	396.79	100.00	4025.66	100.00	10.15

Table: 8 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Metekel

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	57.42	89.47	621.15	96.02	10.82
Teff	18.43	28.71	128.34	19.84	6.97
Barley	.15	.23	.77	.12	5.14
Wheat	.28	.43	2.69	.42	9.77
Maize	12.21	19.02	233.14	36.04	19.10
Sorghum	11.22	17.48	115.34	17.83	10.28
Millet	15.14	23.59	140.86	21.77	9.30
PULSES	.92	1.43	8.24	1.27	8.97
Horse Beans	.59	.92	6.46	1.00	10.95
Haricot Beans	.07	.11	.49	.08	6.80
Chick Peas	.26	.40	1.29	.20	5.02
OTHERS	5.84	9.10	17.53	2.71	3.00
Neug	5.81	9.06	17.32	2.68	2.98
Linseed	.03	.04	.20	.03	7.84
ALL CROPS	64.18	100.00	646.91	100.00	10.08

Table: 9 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

North Gonder

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	135.65	78.81	1282.49	82.49	9.45
Teff	42.21	24.53	332.77	21.40	7.88
Barley	13.34	7.75	112.42	7.23	8.43
Wheat	4.97	2.89	40.68	2.62	8.18
Maize	8.46	4.91	103.83	6.68	12.28
Sorghum	54.05	31.40	566.23	36.42	10.48
Millet	12.33	7.16	125.01	8.04	10.14
Oats	.29	.17	1.56	.10	5.34
PULSES	28.50	16.56	243.13	15.64	8.53
Horse Beans	7.79	4.52	76.29	4.91	9.80
Field Peas	3.38	1.96	26.14	1.68	7.73
Chick Peas	16.60	9.64	133.50	8.59	8.04
Lentils	.16	.10	.80	.05	4.87
Vetch	.57	.33	6.39	.41	11.18
OTHERS	7.96	4.63	29.12	1.87	3.66
Neug	6.43	3.74	23.04	1.48	3.58
Linseed	.52	.30	1.52	.10	2.90
Fenugreek	.99	.57	4.47	.29	4.54
Rapeseed	.02	.01	.08	.01	3.56
ALL CROPS	172.12	100.00	1554.74	100.00	9.03

Table:10 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
South Gonder

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	171.19	79.06	1454.45	83.94	8.50
Teff	62.67	28.94	475.13	27.42	7.58
Barley	41.26	19.05	350.15	20.21	8.49
Wheat	9.89	4.57	87.74	5.06	8.87
Maize	18.12	8.37	198.31	11.44	10.95
Sorghum	15.51	7.16	117.12	6.76	7.55
Millet	23.75	10.97	226.01	13.04	9.52
PULSES	26.33	12.16	216.92	12.52	8.24
Horse Beans	11.41	5.27	117.27	6.77	10.28
Field Peas	1.20	.55	16.09	.93	13.46
Chick Peas	9.82	4.53	59.23	3.42	6.03
Lentils	.74	.34	2.86	.17	3.85
Vetch	3.17	1.46	21.46	1.24	6.77
OTHERS	19.02	8.78	61.42	3.54	3.23
Neug	13.67	6.31	43.94	2.54	3.21
Linseed	4.77	2.20	12.53	.72	2.62
Fenugreek	.05	.02	.23	.01	4.37
Rapeseed	.53	.24	4.73	.27	8.94
ALL CROPS	216.55	100.00	1732.80	100.00	8.00

Table:11 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Dire Dawa

	Total Area (000'hectare)	%	Total Production (000'quintel)	%	Yield (qtl/hr)
CEREALS	3.47	99.47	38.35	99.75	11.05
Barley	.01	.33	.05	.13	4.50
Maize	.23	6.48	2.37	6.16	10.48
Sorghum	3.23	92.67	35.93	93.46	11.12
PULSES	.02	.53	.10	.25	5.25
Haricot Beans	.02	.53	.10	.25	5.25
ALL CROPS	3.49	100.00	38.44	100.00	11.02

Table:12 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
East Hararghe

	Total Area (000'hectare)	%	Total Production (000'qjintal)	%	Yield (qtl/hr)
CEREALS	124.59	93.75	1780.66	92.94	14.29
Teff	2.03	1.53	15.20	.79	7.48
Barley	3.14	2.37	34.95	1.82	11.11
Wheat	9.27	6.98	132.29	6.90	14.26
Maize	32.73	24.63	680.60	35.52	20.79
Sorghum	75.92	57.13	904.46	47.21	11.91
Oats	1.48	1.11	13.16	.69	8.90
PULSES	8.06	6.06	133.98	6.99	16.63
Horse Beans	4.72	3.56	84.25	4.40	17.83
Field Peas	2.58	1.94	40.01	2.09	15.50
Haricot Beans	.49	.37	8.20	.43	16.59
Chick Peas	.03	.03	.00	.00	.00
Lentils	.22	.17	1.52	.08	6.87
OTHERS	.25	.19	1.31	.07	5.22
Linseed	.07	.05	.16	.01	2.42
Fenugreek	.19	.14	1.16	.06	6.20
ALL CROPS	132.89	100.00	1915.95	100.00	14.42

Table:13 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
West Hararghe

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	105.44	91.10	1713.59	92.02	16.25
Teff	9.91	8.56	124.16	6.67	12.53
Barley	1.58	1.36	17.76	.95	11.27
Wheat	1.71	1.48	23.95	1.29	13.98
Maize	28.83	24.91	526.43	28.27	18.26
Sorghum	62.46	53.96	1012.66	54.38	16.21
Oats	.96	.83	8.63	.46	8.99
PULSES	9.82	8.48	146.38	7.86	14.91
Horse Beans	3.18	2.75	40.90	2.20	12.85
Field Peas	.60	.52	7.34	.39	12.16
Haricot Beans	5.23	4.52	93.38	5.01	17.86
Chick Peas	.32	.28	2.70	.15	8.35
Lentils	.46	.39	1.86	.10	4.07
Vetch	.02	.02	.19	.01	8.25
OTHERS	.49	.42	2.29	.12	4.71
Linseed	.37	.32	1.43	.08	3.81
Fenugreek	.11	.10	.87	.05	7.69
ALL CROPS	115.75	100.00	1862.26	100.00	16.09

Table:14 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Gambella

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	8.46	98.31	97.56	98.17	11.53
Teff	.30	3.46	3.24	3.26	10.88
Barley	.10	1.14	1.13	1.14	11.56
Wheat	.05	.63	.63	.64	11.75
Maize	5.13	59.56	70.09	70.53	13.67
Sorghum	2.89	33.53	22.47	22.61	7.78
PULSES	.15	1.69	1.82	1.83	12.52
Horse Beans	.11	1.22	1.52	1.53	14.48
Haricot Beans	.04	.47	.30	.30	7.37
ALL CROPS	8.61	100.00	99.37	100.00	11.54

Table:15 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
Illubabor

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	266.43	91.64	4272.37	94.70	16.04
Teff	88.19	30.33	815.73	18.08	9.25
Barley	8.61	2.96	88.06	1.95	10.22
Wheat	9.70	3.34	118.54	2.63	12.22
Maize	101.22	34.81	2305.88	51.11	22.78
Sorghum	53.71	18.47	885.99	19.64	16.50
Millet	4.20	1.45	46.64	1.03	11.10
Oats	.79	.27	11.54	.26	14.57
PULSES	18.30	6.30	222.94	4.94	12.18
Horse Beans	9.57	3.29	131.05	2.90	13.69
Field Peas	6.94	2.39	74.61	1.65	10.75
Haricot Beans	1.00	.34	9.38	.21	9.42
Chick Peas	.52	.18	5.53	.12	10.67
Lentils	.28	.09	2.38	.05	8.63
OTHERS	6.00	2.06	16.07	.36	2.68
Neug	4.50	1.55	7.90	.18	1.76
Linseed	1.50	.52	8.17	.18	5.44
ALL CROPS	290.74	100.00	4511.38	100.00	15.52

Table:16 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Keffa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	70.13	85.15	1413.48	90.32	20.15
Teff	11.26	13.67	78.96	5.05	7.02
Barley	5.43	6.59	57.25	3.66	10.54
Wheat	1.07	1.30	11.77	.75	10.97
Maize	22.37	27.16	668.33	42.71	29.88
Sorghum	19.67	23.88	417.43	26.67	21.22
Millet	10.23	12.42	179.72	11.48	17.56
Oats	.11	.13	.00	.00	.00
PULSES	12.14	14.74	151.05	9.65	12.45
Horse Beans	6.42	7.80	88.39	5.65	13.76
Field Peas	2.99	3.63	43.31	2.77	14.48
Haricot Beans	2.12	2.57	18.49	1.18	8.73
Chick Peas	.59	.72	.84	.05	1.42
Lentils	.01	.02	.02	.00	1.31
OTHERS	.09	.11	.46	.03	5.03
Neug	.09	.11	.46	.03	5.03
ALL CROPS	82.36	100.00	1564.98	100.00	19.00

Table: 17 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Addis Ababa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	111.27	80.25	1131.24	82.46	10.17
Teff	44.63	32.18	430.32	31.37	9.64
Barley	34.76	25.07	332.05	24.20	9.55
Wheat	28.20	20.34	303.11	22.09	10.75
Maize	1.70	1.23	47.94	3.49	28.15
Sorghum	1.64	1.18	14.57	1.06	8.90
Oats	.34	.24	3.26	.24	9.68
PULSES	25.10	18.10	230.06	16.77	9.17
Horse Beans	8.45	6.10	78.94	5.75	9.34
Field Peas	1.01	.73	6.22	.45	6.16
Haricot Beans	.01	.01	.34	.03	23.94
Chick Peas	7.34	5.29	83.76	6.11	11.42
Lentils	6.08	4.39	39.88	2.91	6.55
Vetch	2.20	1.59	20.91	1.52	9.50
OTHERS	2.28	1.65	10.54	.77	4.61
Neug	1.26	.91	3.69	.27	2.92
Linseed	.83	.60	5.21	.38	6.32
Fenugreek	.09	.07	.18	.01	1.94
Rapeseed	.10	.08	1.46	.11	13.96
ALL CROPS	138.65	100.00	1371.84	100.00	9.89

Table: 18 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

East Shoa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	152.80	81.59	1765.73	81.86	11.56
Teff	79.69	42.55	743.07	34.45	9.32
Barley	7.99	4.27	87.88	4.07	11.00
Wheat	34.59	18.47	419.53	19.45	12.13
Maize	24.12	12.88	437.15	20.27	18.12
Sorghum	6.38	3.41	77.98	3.62	12.22
Oats	.03	.01	.11	.00	4.13
PULSES	33.65	17.97	383.66	17.79	11.40
Horse Beans	2.80	1.49	30.39	1.41	10.86
Field Peas	4.95	2.65	54.01	2.50	10.90
Haricot Beans	10.09	5.39	119.45	5.54	11.84
Chick Peas	8.02	4.28	85.18	3.95	10.62
Lentils	2.75	1.47	27.48	1.27	9.98
Vetch	5.03	2.69	67.15	3.11	13.35
OTHERS	.84	.45	7.56	.35	9.03
Fenugreek	.84	.45	7.56	.35	9.03
ALL CROPS	187.28	100.00	2156.95	100.00	11.52

Table:19 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

North Shoa

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	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	293.94	79.49	2949.01	79.38	10.03
Teff	64.68	17.49	509.47	13.71	7.88
Barley	52.67	14.24	762.91	20.54	14.48
Wheat	59.02	15.96	624.87	16.82	10.59
Maize	1.83	.50	10.66	.29	5.28
Sorghum	114.86	31.06	1036.69	27.91	9.03
Oats	.89	.24	4.41	.12	4.98
PULSES	67.72	18.31	732.29	19.71	10.81
Horse Beans	38.11	10.31	477.13	12.84	12.52
Field Peas	7.92	2.12	81.77	2.20	10.45
Haricot Beans	.49	.13	2.41	.06	4.94
Chick Peas	13.29	3.59	107.16	2.88	8.06
Lentils	5.75	1.55	39.80	1.07	6.92
Vetch	2.26	.61	24.02	.65	10.65
OTHERS	8.14	2.20	33.63	.91	4.13
Neug	3.90	1.05	19.02	.51	4.68
Linseed	3.61	.98	10.66	.29	2.95
Fenugreek	.63	.17	3.95	.11	6.28
ALL CROPS	369.80	100.00	3714.93	100.00	10.05

Table:20 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

South Shoa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	349.98	88.59	5185.52	93.09	14.82
Teff	73.46	18.59	620.52	11.14	8.45
Barley	18.32	4.64	258.79	4.65	14.12
Wheat	46.90	11.87	713.20	12.80	15.21
Maize	177.69	44.98	3139.00	56.35	17.67
Sorghum	28.75	7.28	376.77	6.76	13.11
Millet	2.79	.71	37.29	.67	13.36
Oats	2.08	.53	39.95	.72	19.24
PULSES	44.65	11.30	382.60	6.87	8.57
Horse Beans	15.80	4.00	164.73	2.96	10.43
Field Peas	3.29	.83	50.70	.91	15.39
Haricot Beans	20.32	5.14	135.71	2.44	6.68
Chick Peas	2.84	.72	18.62	.33	6.57
Lentils	1.98	.50	10.57	.19	5.34
Vetch	.42	.11	2.27	.04	5.35
OTHERS	.43	.11	2.04	.04	4.76
Linseed	.17	.04	1.17	.02	6.70
Fenugreek	.25	.06	.87	.02	3.42
ALL CROPS	395.06	100.00	5570.16	100.00	14.10

Table:21 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
West Shoa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	249.39	80.12	3452.71	84.92	13.84
Teff	121.57	39.06	1172.36	28.83	9.64
Barley	44.12	14.18	790.96	19.45	17.93
Wheat	30.67	9.85	359.81	8.85	11.73
Maize	29.69	9.54	691.09	17.00	23.28
Sorghum	22.57	7.25	430.93	10.60	19.09
Oats	.76	.25	7.56	.19	9.89
PULSES	35.62	11.44	496.96	12.22	13.95
Horse Beans	7.57	2.43	90.42	2.22	11.95
Field Peas	6.77	2.17	179.94	4.43	26.59
Chick Peas	13.65	4.39	153.70	3.78	11.26
Lentils	.96	.31	7.56	.19	7.88
Vetch	6.68	2.15	65.33	1.61	9.78
OTHERS	26.24	8.43	116.41	2.86	4.44
Neug	20.44	6.57	70.46	1.73	3.45
Linseed	4.93	1.58	31.16	.77	6.33
Fenugreek	.07	.02	.42	.01	6.29
Rapeseed	.81	.26	14.37	.35	17.76
ALL CROPS	311.25	100.00	4066.08	100.00	13.06

Table:22 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Borena

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	17.50	79.60	232.04	84.18	13.26
Teff	1.02	4.65	3.20	1.16	3.13
Barley	2.97	13.52	27.04	9.81	9.10
Wheat	1.83	8.31	12.88	4.67	7.05
Maize	9.67	43.99	156.58	56.81	16.19
Sorghum	2.01	9.13	32.33	11.73	16.10
PULSES	4.46	20.28	43.52	15.79	9.76
Horse Beans	1.07	4.87	12.24	4.44	11.44
Field Peas	.56	2.54	4.77	1.73	8.54
Haricot Beans	1.59	7.22	20.99	7.62	13.22
Chick Peas	1.12	5.09	5.51	2.00	4.93
Lentils	.12	.56	.00	.00	.00
OTHERS	.03	.12	.09	.03	3.27
Linseed	.00	.01	.00	.00	.00
Fenugreek	.02	.11	.09	.03	3.56
ALL CROPS	21.99	100.00	275.64	100.00	12.54

Table:23 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Sidamo

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	104.76	93.05	1912.75	96.14	18.26
Teff	17.47	15.52	148.74	7.48	8.51
Barley	17.24	15.31	218.83	11.00	12.70
Wheat	2.09	1.86	22.72	1.14	10.86
Maize	65.32	58.02	1497.46	75.27	22.93
Sorghum	1.75	1.56	18.74	.94	10.70
Oats	.89	.79	6.27	.32	7.03
PULSES	7.79	6.92	76.66	3.85	9.85
Horse Beans	3.11	2.76	31.53	1.59	10.14
Field Peas	1.96	1.74	16.11	.81	8.23
Haricot Beans	2.68	2.38	28.97	1.46	10.80
Lentils	.04	.03	.05	.00	1.41
OTHERS	.03	.03	.13	.01	4.03
Linseed	.02	.01	.08	.00	5.00
Fenugreek	.02	.02	.05	.00	3.12
ALL CROPS	112.58	100.00	1989.55	100.00	17.67

Table:24 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Assosa

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	33.98	96.96	578.79	99.03	17.03
Teff	2.66	7.58	9.05	1.55	3.41
Barley	.10	.29	.38	.07	3.73
Wheat	.01	.04	.05	.01	3.75
Maize	24.50	69.90	502.68	86.00	20.52
Sorghum	3.63	10.36	46.64	7.98	12.84
Millet	3.08	8.78	19.99	3.42	6.50
PULSES	.60	1.70	4.74	.81	7.93
Horse Beans	.09	.25	.60	.10	6.89
Haricot Beans	.51	1.45	4.14	.71	8.11
OTHERS	.47	1.34	.96	.16	2.04
Neug	.47	1.34	.96	.16	2.04
ALL CROPS	35.04	100.00	584.48	100.00	16.68

Table:25 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)

Wellega

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	230.58	87.00	2879.12	93.56	12.49
Teff	81.09	30.60	634.42	20.62	7.82
Barley	8.62	3.25	102.57	3.33	11.90
Wheat	2.08	.79	19.80	.64	9.50
Maize	89.27	33.68	1676.07	54.47	18.77
Sorghum	27.58	10.41	289.82	9.42	10.51
Millet	21.86	8.25	155.92	5.07	7.13
Oats	.08	.03	.52	.02	6.41
PULSES	16.30	6.15	146.47	4.76	8.98
Horse Beans	8.25	3.11	84.07	2.73	10.19
Field Peas	3.16	1.19	21.80	.71	6.89
Haricot Beans	3.86	1.46	35.85	1.17	9.28
Chick Peas	.85	.32	4.12	.13	4.84
Lentils	.14	.05	.53	.02	3.80
Vetch	.03	.01	.10	.00	2.96
OTHERS	18.14	6.84	51.68	1.68	2.85
Neug	16.93	6.41	48.60	1.58	2.86
Linseed	1.12	.42	2.94	.10	2.63
Fenugreek	.04	.02	.13	.00	3.06
ALL CROPS	265.02	100.00	3077.26	100.00	11.61

Table:26 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
North Wollo

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	67.32	74.59	1118.80	79.19	16.62
Teff	13.13	14.54	118.00	8.35	8.98
Barley	13.38	14.82	152.54	10.79	11.40
Wheat	4.71	5.21	67.08	4.74	14.24
Maize	1.07	1.18	22.78	1.61	21.29
Sorghum	35.03	38.81	758.40	53.68	21.65
PULSES	22.33	24.74	291.41	20.62	13.05
Horse Beans	10.99	12.17	172.00	12.17	5.65
Field Peas	1.54	1.70	22.23	1.57	14.43
Chick Peas	7.08	7.84	67.69	4.79	9.56
Lentils	1.44	1.59	11.64	.82	8.08
Vetch	1.28	1.41	17.85	1.26	13.94
OTHERS	.60	.66	2.47	.17	4.11
Neug	.07	.07	.00	.00	.00
Linseed	.51	.56	2.47	.17	4.84
Fenugreek	.02	.02	.00	.00	.00
ALL CROPS	90.25	100.00	1412.68	100.00	15.65

Table:27 Estimates of Area and Production of Major Crops
for Private Holdings
In 1989/90 (1982 E.C.)
South Wollo

	Total Area (000'hectare)	%	Total Production (000'quintal)	%	Yield (qtl/hr)
CEREALS	157.40	78.90	1728.13	77.65	10.98
Teff	44.65	22.38	374.65	16.83	8.39
Barley	17.74	8.89	167.04	7.51	9.42
Wheat	33.92	17.01	143.69	6.46	4.24
Maize	13.33	6.68	393.94	17.70	29.55
Sorghum	43.93	22.02	586.13	26.34	13.34
Millet	.22	.11	.00	.00	.00
Oats	3.61	1.81	62.68	2.82	17.34
PULSES	38.79	19.45	471.28	21.18	12.15
Horse Beans	22.34	11.20	287.55	12.92	12.87
Field Peas	3.58	1.79	23.36	1.05	6.53
Haricot Beans	.07	.04	.52	.02	7.25
Chick Peas	2.90	1.45	37.97	1.71	13.09
Lentils	7.16	3.59	85.56	3.84	11.95
Vetch	2.75	1.38	36.31	1.63	13.22
OTHERS	3.29	1.65	26.13	1.17	7.93
Neug	1.22	.51	1.67	.08	1.37
Linseed	.63	.31	5.76	.26	9.21
Fenugreek	1.45	.73	18.71	.84	12.93
ALL CROPS	199.49	100.00	2225.54	100.00	11.16

