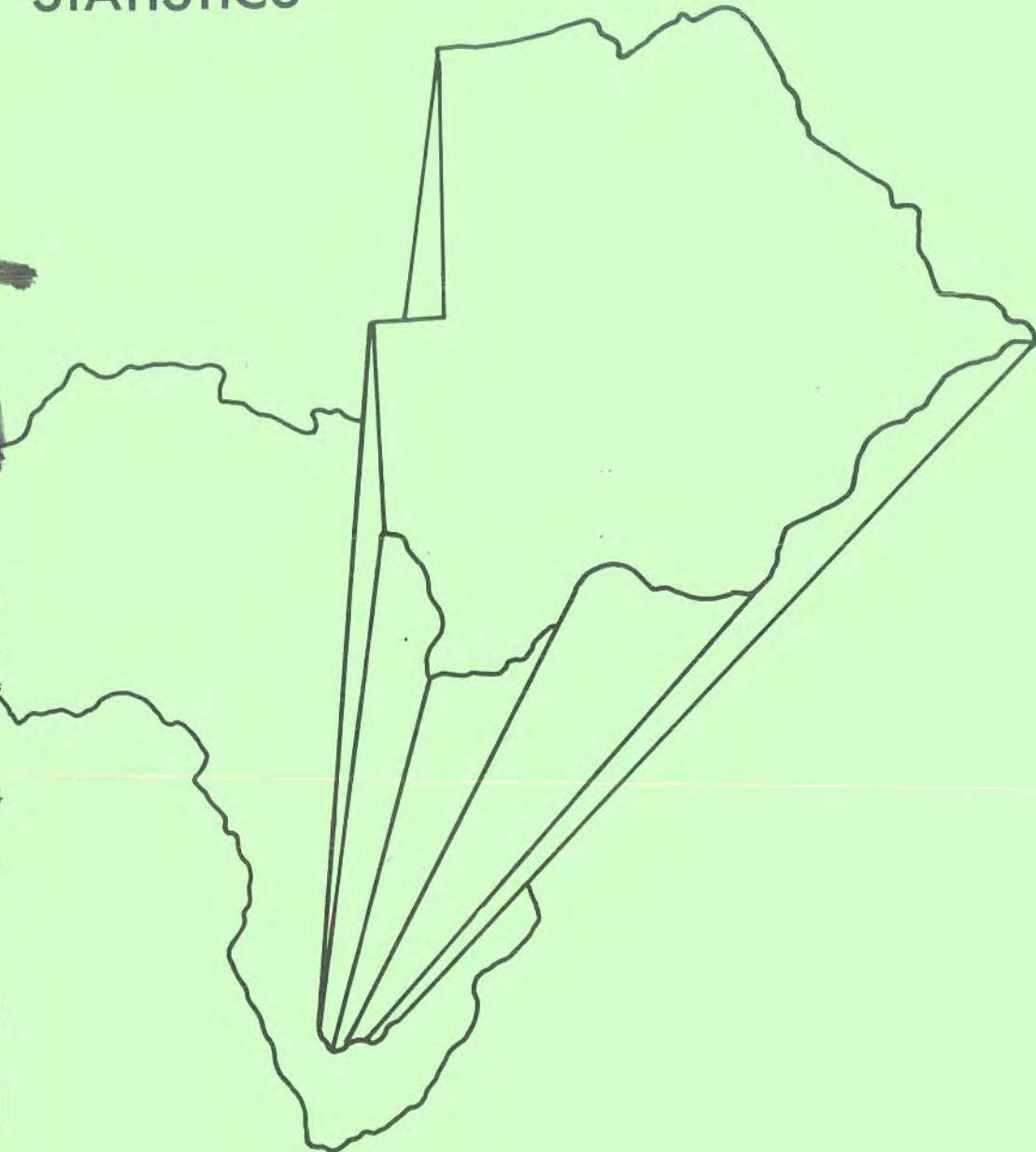




1988
BOTSWANA
AGRICULTURAL
STATISTICS

1988 Botswana Agricultural Statistics



Planning and Statistics Division
Ministry of Agriculture
P/Bag 003, Gaborone

Central Statistics Office
P/Bag 0024
Gaborone

AGRICULTURAL STATISTICS

1988

(1988 Agricultural Survey Report)

Planning and Statistics Division
Ministry of Agriculture

Published by

Central Statistics Office
Private Bag 0024, Gaborone

Printed by

Government Printer, Gaborone

December 1989

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P R E F A C E

This report presents the results of the 1988 Agricultural Survey, the latest in an annual series which started in 1967. The survey is undertaken by the Agricultural Statistics Unit of the Central Statistics Office with close support from staff of the Planning and Statistics Division of the Ministry of Agriculture where it is located.

As a nation-wide sample enquiry conducted annually, it has proved to be a very effective media for collecting current agricultural data on crop and livestock productions in the country. It is one of several regular enquiries undertaken by the Planning and Statistics Division of the Ministry of Agriculture.

Botswana's next population census is scheduled for August 1991 and will form the basis for the agricultural census planned for 1993. As in the last agricultural census in 1982, the 1993 enquiry will be an enlarged sample both in scope and coverage.

This report has been produced by the Agricultural Statistics Unit jointly with the staff of the Planning and Statistics Division of the Ministry of Agriculture, who conducted the data collection, often under very difficult situations, and editing and preparation of the final report.

I am of-course also grateful to the farmers of this country for their willing cooperation in supplying the required information, for without their cooperation there would have been no results to report on.

G. M. Charumbira
GOVERNMENT STATISTICIAN

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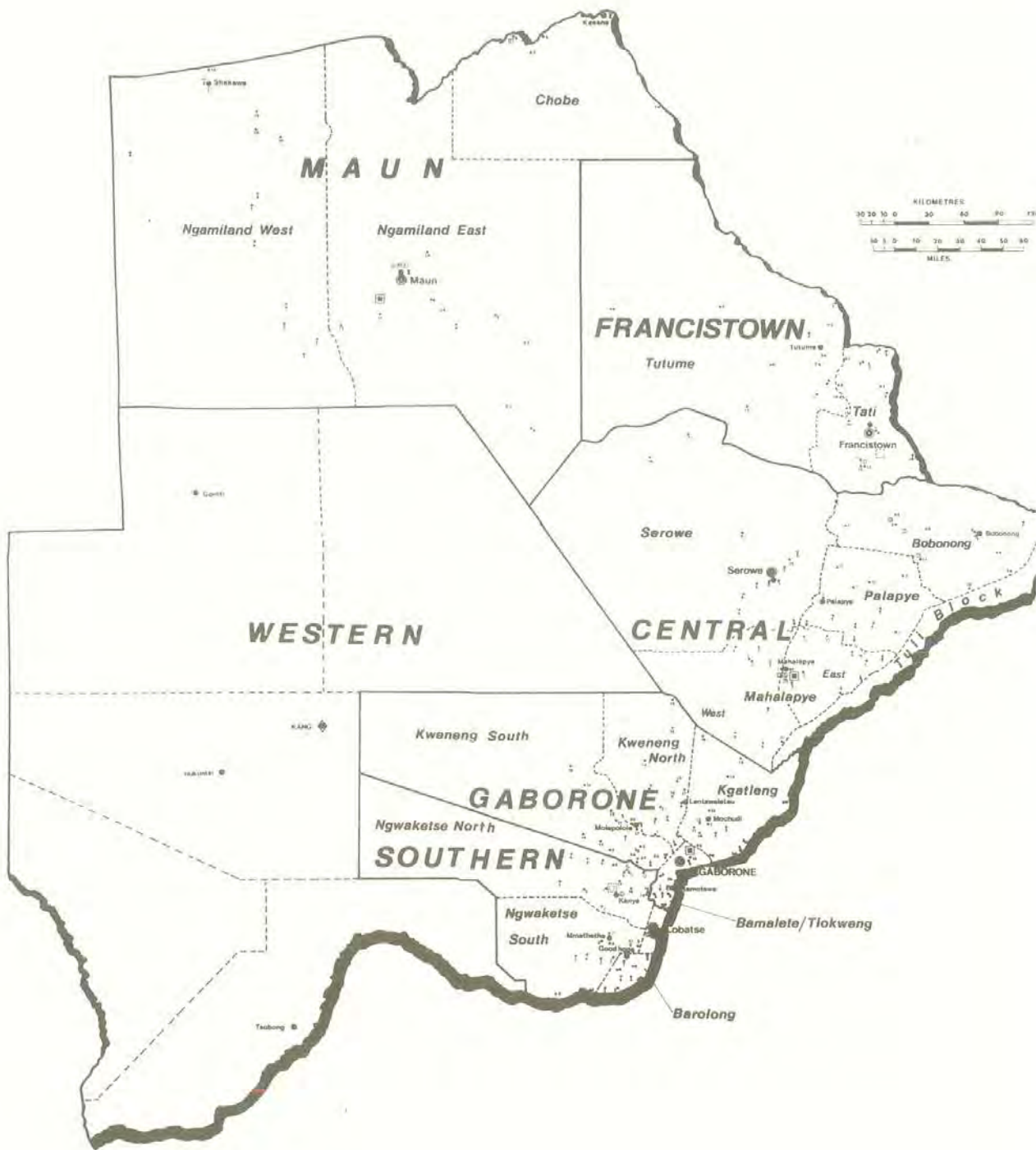
SUMMARY

1988 was a year of major recovery in agricultural output. During the 1988 crop season, the country experienced increases in production of all major crops. Compared with 1987, there was almost a five-fold increase in total production from 22,000 to 107,000 tonnes. In the last ten years the last peak in production was in 1981 with a record total production of 55,000 tonnes. During the protracted drought, total crop production fell severely to a record low of 8,600 tonnes in 1984. In the three years following, production averaged annually at around 21,000 tonnes.

Sorghum production level in 1988 reached a high of 94,000 tonnes (18,000 tonnes in 1987) and accounted for 88 percent of the total domestic production of the four major food crops; sorghum, maize, millet and beans/pulses. Compared with 1987, maize production more than doubled from 3,300 to 7,300 tonnes, but was still considerably lower than the 22,000 tonnes realized in 1981. Millet production rose more than nine-fold from 400 tonnes in 1987 to 3,700 tonnes and was well over the 2,000 tonnes reached in 1981. A total of 2,300 tonnes of beans/pulses was produced in 1988 compared with 100 tonnes the previous year and 3,000 tonnes in 1981.

The increase in Botswana's livestock production in 1988 was marginal compared with its crop output. The national cattle herd which reached a peak of 2,979,000 in 1982, dropped to 2,264,000 in 1987 on account of the drought. The 1988 total of 2,408,000 represented a 6.4 percent recovery over 1987. Unlike cattle, small-stock (goats and sheep) were not affected by the drought. Between 1981 and 1988 the goat population experienced an annual growth rate of 15 percent, rising from 621,000 to 1,691,000 (1,470,000 in 1987). For sheep, the corresponding figures were 9 percent from 140,000 to 259,000 (240,000 in 1987).

These increases in agricultural production can be attributed to several factors, including the favourable rainfall during the crop season, providing enough moisture for crops as well as grazing land and Government assistance to the farming population in the form of provision of inputs and services. Moreover in the traditional agricultural sector, the 1988 survey recorded a high increase in the number of agricultural workers from 239,300 in 1987 to 258,700 in 1988.



LEGEND

- 1. Regional Agricultural Office (Maun; Lobatse; Gaborone; Serowe; Francistown)
- District Agricultural Office (Good Hope; Mankwato; Kanye; Ramotswa; Molepolole; Letleng; Mochudi; Mahalapye; Palapye; Serowe; Botswana; Francistown; Tutume; Shakawe; Maun; Aseme; Tlokweng; Hukunani; Gaborone)
- ◆ Proposed Regional Agricultural Office (Western Region).
- ⬢ the proposed regional agricultural office will be in Kanye.
- ⬢ Agricultural Demonstrator postings (some occupied by Supervisors).
- ⬢ Rural Training Centre.
- ⬢ Proposed R.T.C. (near Francistown; near Kanye).

TECHNICAL NOTES

Coverage

The 1988 Agricultural Statistics report contains the results of an annual nation-wide sample enquiry of commercial and traditional farm holdings during the year. As in previous surveys, the topics included information on crop and livestock productions as well as on farming practices. The annual agricultural survey currently covers all traditional farmers, except those residing permanently in urban areas, and more than 500 large commercial farmers operating on private land. It is one of a number of regular enquiries on various aspects of agriculture undertaken by different units of the Planning and Statistics Division of the Ministry of Agriculture.

Objective

The main objective of the survey is to generate up-to-date information on crop and livestock productions in the country on an annual basis. Information produced is used for monitoring trends in food production and agricultural outputs in general. Agriculture is the core activity of the rural economy in which around 80 percent of the country's population are dependent on.

Survey Design

The basic design was a stratified two-stage sampling scheme. Two separate samples were selected, one of commercial farm holdings and other was a sample of traditional farmers. The survey was carried out in three phases using a combination of direct interviewing and postal questionnaires.

a) Commercial Farm Sample

The commercial farm sample was obtained from an establishment list of commercial farms located in the Tuli, Tati, Lobatse, Gaborone, Xanagas, Pandamatenga, Barolong, Sedibeng and Hynah Veldt Blocks. Initially the survey form was posted to all holdings. At a later date a 25 percent sample of non-respondents were visited. The overall response rate ranged between 50 and 60 percent.

b) Traditional Farm Sample

For the traditional farm sample, an area frame based on the 1981 population census data on dwellings was used. This area frame consisted of the entire land of Botswana with the exclusion of commercial farm and urban areas. The entire survey therefore excluded traditional farm holders living 'year round' in urban centers. As a proportion of all traditional farm holders, these are reckoned to be less than two percent.

The area frame was divided into 2,936 blocks (clusters) using the criterion of roughly equal numbers of dwellings with definable boundaries of each block.

For estimation purposes, the blocks were stratified into 22 districts and the districts further stratified or grouped into 6 regions based on the Agricultural Extension Boundaries for regions and districts.

The selection of traditional farm holders as the unit of enumeration was made in two stages. In each stratum (district) a set number of blocks were selected with probability proportional to size, taken as the number of dwellings listed during the 1981 population census. A complete listing of dwellings was carried out in all the selected blocks to identify farms using a point system. The second stage of selection involved sub-sampling of farms using a simple random selection method to achieve an overall nation wide sample of around 2,500 farms or about 2 percent of farmers. It should be noted that all farmers who reported cattle holdings of 100 or more in the sample blocks were included in the sample.

Estimation

The method of estimation used is based on the following where:

- n = Number of blocks selected at the first stage
- M_i = Number of farms listed in the i th block
- m_i = Number of farms selected in the i th block
- p_i = Probability of selecting the i th block

Then for any survey variate or characteristic y , the estimate of the total is given by:

$$\hat{Y} = \frac{1}{n} \sum_{i=1}^n \frac{M_i}{p_i m_i} y_i$$

where y_i is the sample total of the i th block

For farmers who reported cattle holdings of 100 or more:

$$\hat{Y} = \frac{1}{n} \sum_{i=1}^n \frac{y_i}{p_i}$$

Estimate of the variance is given by:

$$\hat{V}(\hat{Y}) = \frac{1}{n(n-1)} \left[\sum_{i=1}^n \left(\frac{M_i y_i}{m_i p_i} \right)^2 - \frac{1}{n} \left(\sum_{i=1}^n \frac{M_i y_i}{p_i m_i} \right)^2 \right]$$

In this report a measure of precision for individual variate is given in terms of the relative standard error referred to as the coefficient of variation (C.V.), and expressed in percentage form:

$$C.V.(\hat{Y}) = \frac{\sqrt{\hat{V}(\hat{Y})}}{\hat{Y}} \times 100$$

The coefficients of variation are given in summary tables 7 and 8 for estimates at the national level only. For example, the standard error for the total number of cattle would be $(2,408,400 \times 6.7\%) = 161,363$. About a two-thirds or 67% confidence interval would be obtained by plus or minus one standard error while a 95% confidence interval would be plus or minus two standard errors. Thus, the 95% confidence interval for total cattle would be $(2,085,674 - 2,731,126)$ or $(2,408,400 \pm 322,726)$.

Enumeration

The survey field work was carried out by six enumeration teams, each consisting of a supervisor, four to five enumerators and a driver. It was conducted in three phases from early January through to October, 1988 as follows:

January - May: Listing of traditional farms in blocks on Form I. Select sample of farms and list crops planted, measure crop areas and record farming practices on Form II. For area measurement the triangular method was used and area calculations were done on HP 97 programmable calculators in Gaborone.

June - September: Traditional farm production and disposal data on livestock and crops data on Form III.

July - October: Commercial farm data on livestock production, area planted and harvested and disposal data on the Freehold Farm Questionnaire.

Supervisors made a final review of all completed survey forms in each block before they were posted to head office in Gaborone. The team of supervisors were contacted immediately when question or apparent problems with the data were found.

Quality Control

A great deal of emphasis was placed on the training of enumerators prior to the field work. Also close supervision of their work was maintained throughout enumeration. The objective of such quality control measures was to reduce non-sampling errors.

Data Processing

Processing of the survey is done on the ICL 2966 mainframe computer operated by the Government Computer Bureau. During the survey, data were continuously entered directly from the survey forms into the computer through terminals. The data were then run through a comprehensive computer edit for detecting data entry, coding and enumerator errors. Necessary corrections were made on the forms and to the computer data set. This procedure made possible the complete summarisation of the data three weeks after the survey was completed.

Interpretation of Data

An understanding of the data and their limitations are needed for correct interpretation for policy and planning purposes. Some of the limitations in this data are the following:

1. As was the case for previous surveys, the sampling frame was obtained from the 1981 Botswana Population Census. There has since been changes in the Agricultural Extension Boundaries for regions and districts. This has resulted in changes to the regional and district estimates, as compared to the 1981 Agricultural Survey estimates. Also users of the data should bear in mind that the standard errors for district estimates continue to be relatively large.

2. Individual data were assigned to the district where the farm holder was living at the time of first interview. The reported livestock and/or crops might be located in a different district causing some slight distortion in the 'true' district totals. To ease processing and facilitate comparisons with past data, the compilation and analysis were made on the 19 former districts.

3. Commercial farm estimates (Pandamatenga included) are presented at the national level only. Thus, some district totals could increase significantly if commercial farm data were included.

4. Although enumerators were instructed to obtain all production data from a given field, they found it difficult to account for 'green mealies' harvested during the season and as a result maize production might be under estimated.

5. A point system was used to determine whether a particular individual qualified as a farmer (see terms and definitions).

6. Estimates of total land in the report tables refer only to land that is fallow or is under cultivation. Commercial land area would be nearly 40,000 square kilometers with a coefficient of variation of 22 percent if grazing land and non-farm land were included.

7. From 1987, births, deaths, sales, purchases and home slaughter of livestock were worked out on the basis of the mid-year livestock population.

8. For cattle inventory according to size of cattle holding, the ratio of births to cows and deaths, sales, home slaughter and purchases to total cattle were calculated by adjusting the herd size according to the mid-year populations.

Terms and Definitions

Farm: Any combination of at least 100 points to qualify a household as a farm. Point values are as follows:

	Points
Fallow land per hectare	25.
Sorghum per hectare	50.
Maize per hectare	50.
Millet per hectare	50.
Beans per hectare	50.
Vegetable/Fruit per hectare.....	400.
Sunflower per hectare	100.
Groundnuts per hectare	50.
Other Crops per hectare	50.
Cattle per head	150.
Pigs per head	50.
Horses per head	50.
Donkeys/Mules per head	50.
Goats per head	30.
Sheep per head	30.
Chickens per head	4.

Head of Household: Person who is 'in charge' of the household.

Agricultural Holder: The person in the household who makes the day-to-day decision for the farm.

<u>Livestock Farms:</u>	Agricultural holders were classified according to specific livestock farms if they own or manage one or more animals of a species.
<u>Other Livestock Farms:</u>	These include farms with mules, donkeys, horses, chickens and/or other birds such as ducks, geese, turkeys etc.
<u>Bull:</u>	A grown male that is used for breeding purposes (usually over three years old).
<u>Cow:</u>	A full grown female (usually over three years of age) that has calved.
<u>Heifer:</u>	A young female that has not yet calved but is at least one year old but less than three years.
<u>Tollie:</u>	A young male that is at least one year old but less than three years old.
<u>Calf:</u>	A male or female which is under one year old.
<u>Chicken:</u>	A general term used to define hens, roosters, chicks, pullets, etc.
<u>Deaths:</u>	Includes deaths from natural causes, and predators but excludes "still" births (livestock born dead).
<u>Home slaughter:</u>	Livestock killed for home consumption
<u>Sales:</u>	Livestock sold, gifts out, and/or traded away.
<u>Purchases:</u>	Livestock bought, gifts in, and or traded for.
<u>Net Sales:</u>	Sales minus purchases.
<u>Crop Farm:</u>	A farm with crops planted during the Survey year.
<u>Land Area:</u>	A continuous piece of land that contains crop and/or fallow areas. Grazing or non-cleared areas are not included.

<u>Field:</u>	A continuous piece of land that is under one use, i.e. one crop, one crop mixture or is fallow.
<u>Fallow Land:</u>	Land that was not planted during the survey year but has been planted at least once during the previous five years.
<u>Mixed Crops:</u>	Two or more crops interplanted in the same field.
<u>Four Crops:</u>	Consists of the four major food crops of sorghum, maize, millet and beans/pulses.

Notation

The symbols and abbreviations used in the report tables are defined below:

- 1/ Included in regional totals
 - 2/ Not available
 - 3/ Regional estimates only
 - 4/ Not published
 - 5/ Difference due to rounding
- C.V. Coefficient of Variation

TIME

SERIES

DATA

FIGURE-1 LIVESTOCK POPULATION

(1979 - 1988)

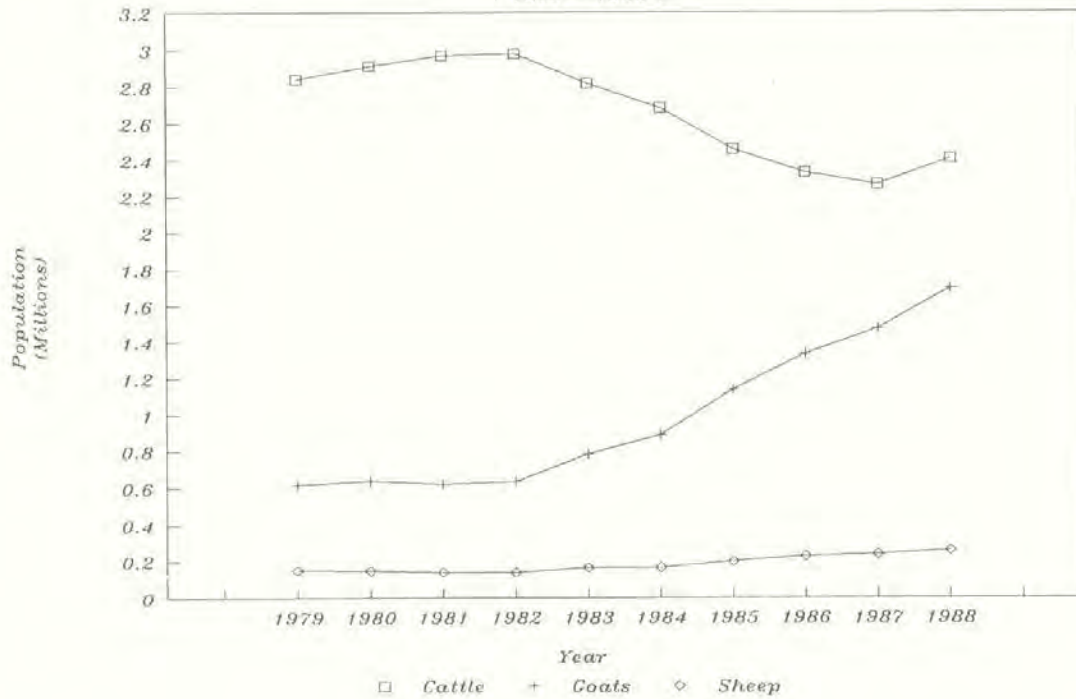


FIGURE-2 CATTLE: BIRTH, DEATH & OFFTAKE

RATES (1979 - 1988)

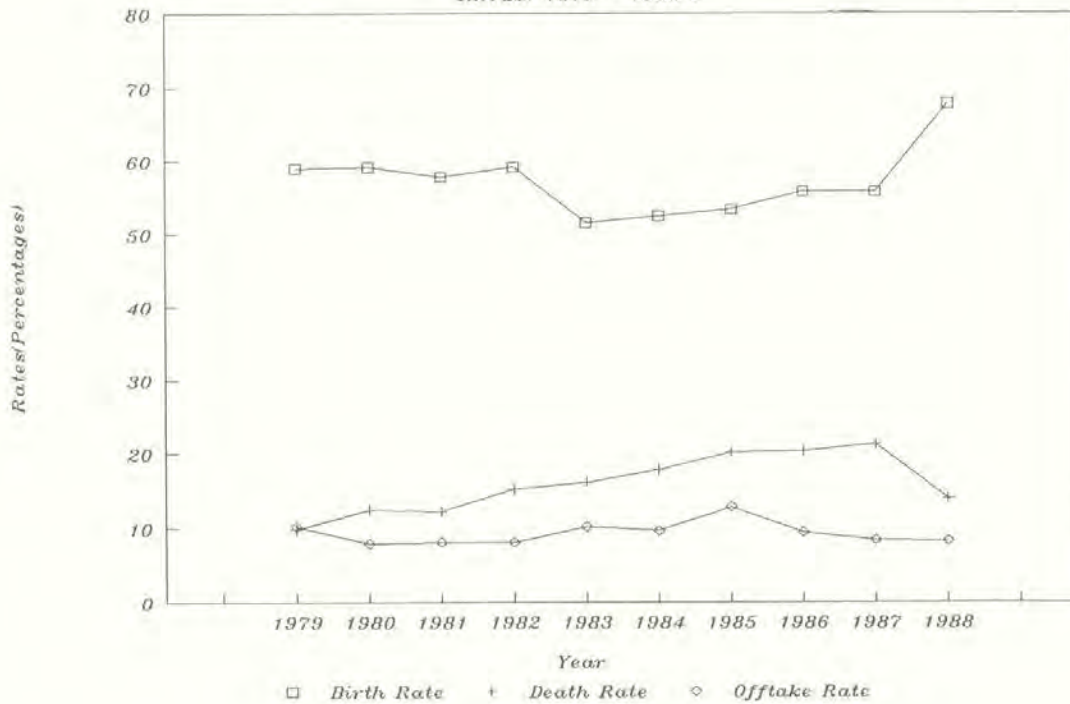


TABLE-1 LIVESTOCK POPULATION (1979-88)

YEAR	CATTLE	GOAT	SHEEP	DONKEY/ MULE	HORSES	CHICKENS	PIGS
-----NUMBER ('000)-----							
1979	2,840	616	152	127	18	740	6
1980	2,911	638	149	130	22	833	6
1981	2,967	621	140	127	24	1,046	5
1982	2,979	636	140	138	24	1,146	5
1983	2,818	783	165	142	23	961	5
1984	2,685	889	167	139	23	714	7
1985	2,459	1,138	200	146	23	1,020	9
1986	2,332	1,332	229	142	24	1,179	11
1987	2,264	1,470	240	147	24	1,283	11
1988	2,408	1,691	259	150	28	1,810	13

TABLE-2 LIVESTOCK: BIRTH, DEATH AND OFFTAKE RATES*

YEAR	CATTLE			GOATS			SHEEP		
	BIRTH RATE	DEATH RATE	OFFTAKE RATE	BIRTH RATE	DEATH RATE	OFFTAKE RATE	BIRTH RATE	DEATH RATE	OFFTAKE RATE
1979	59.0	9.8	10.2	70.3	45.3	9.4	50.8	36.1	8.6
1980	59.2	12.4	7.9	84.6	36.7	7.8	65.7	35.4	18.1
1981	57.9	12.2	8.1	80.1	31.4	7.1	57.0	24.0	8.9
1982	59.2	15.2	8.1	79.8	27.5	8.5	66.5	34.6	8.2
1983	51.6	16.1	10.2	94.3	24.8	7.0	68.8	23.6	12.1
1984	52.5	17.8	9.6	85.7	26.9	7.6	65.7	24.4	12.8
1985	53.4	20.1	12.8	87.2	22.1	6.5	66.9	21.0	13.1
1986	55.8	20.3	9.4	86.0	19.5	6.9	68.3	15.2	5.7
1987	55.8	21.2	8.4	81.5	21.9	7.7	64.6	17.2	7.1
1988	67.7	13.9	8.3	87.8	20.8	9.8	65.4	19.6	9.7

*BASED ON MID YEAR POPULATION

BIRTH RATE=RATIO OF BIRTHS TO FEMALE POPULATION

DEATH & OFFTAKE RATES ARE RATIO TO TOTAL LIVESTOCK POPULATION

FIGURE-3 GOATS: BIRTH, DEATH AND OFFTAKE

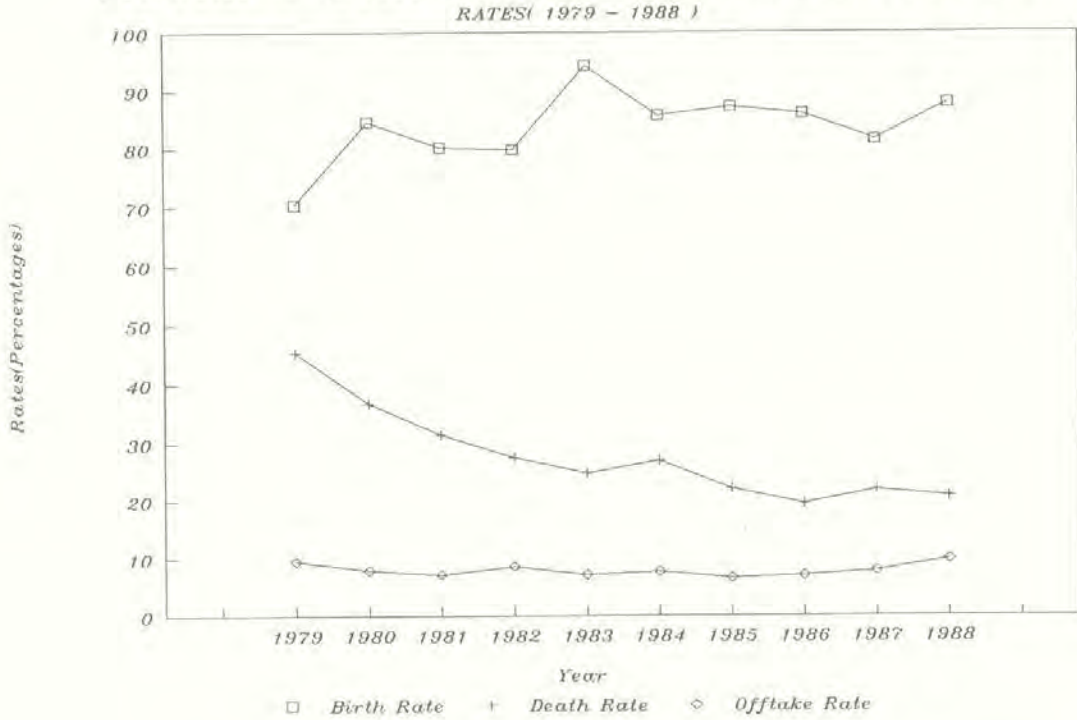


FIGURE-4 SHEEP: BIRTH, DEATH & OFFTAKE

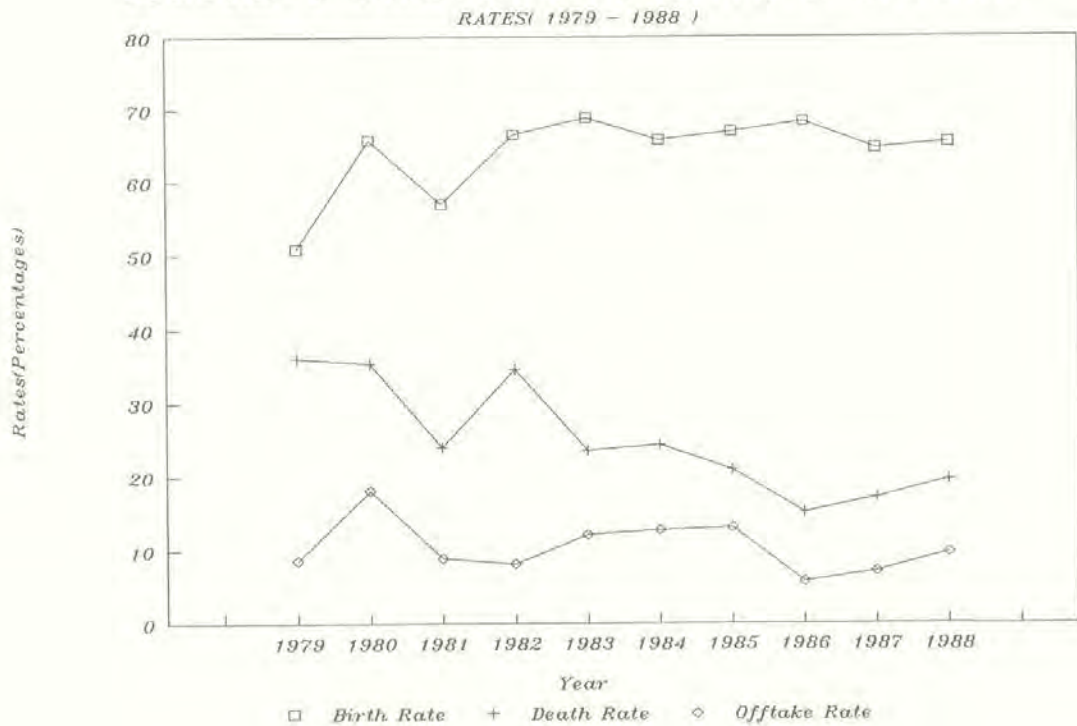


TABLE-3 AREA PLANTED BY CROPS (1979-88)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL	TOTAL FOUR CROPS*
-----HECTARES ('000)-----									
1979	68.0	52.0	13.0	27.0	6.0	4.0	10.0	180.0	160.0
1980	147.0	80.0	17.0	24.0	7.0	5.0	7.0	287.0	268.0
1981	141.0	87.0	20.0	26.0	3.0	5.0	8.0	290.0	274.0
1982	93.0	64.0	16.0	20.0	2.0	2.0	7.0	204.0	193.0
1983	126.0	61.0	17.0	22.0	1.0	1.0	1.0	229.0	226.0
1984	114.0	48.0	17.0	17.0	2.0	4.0	1.0	203.0	196.0
1985	125.0	49.0	16.0	15.0	3.0	2.0	1.0	211.0	205.0
1986	161.0	44.0	18.0	16.0	1.0	2.0	1.0	243.0	239.0
1987	210.0	46.0	14.0	16.0	1.0	2.0	1.0	290.0	286.0
1988	279.0	54.0	13.0	18.0	1.0	1.0	1.0	367.0	364.0

TABLE-4 AREA HARVESTED BY CROPS (1979-88)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL	TOTAL FOUR CROPS*
-----HECTARES ('000)-----									
1979	43.0	21.0	8.0	14.0	5.1	2.4	6.5	100.0	86.0
1980	131.0	47.0	14.0	13.0	6.7	3.8	2.5	218.0	205.0
1981	123.0	59.0	13.0	15.0	2.9	4.3	4.8	222.0	210.0
1982	37.0	24.0	4.0	4.0	1.9	0.7	4.4	76.0	69.0
1983	35.0	20.0	6.0	3.0	0.5	0.6	0.9	66.0	64.0
1984	49.0	3.0	8.0	3.0	1.3	1.8	1.0	67.1	63.0
1985	83.0	8.0	10.0	3.0	0.6	1.0	0.4	106.0	104.0
1986	96.6	8.8	10.1	5.0	0.3	0.7	0.7	122.2	120.5
1987	113.9	5.4	5.5	2.9	0.4	0.4	1.0	129.5	127.7
1988	243.8	32.9	9.1	10.9	0.5	0.6	1.7	299.5	296.7

*Sorghum, Maize, Millet and Beans/Pulses

FIGURE-5 AREA PLANTED BY CROPS

(1979 - 1988)

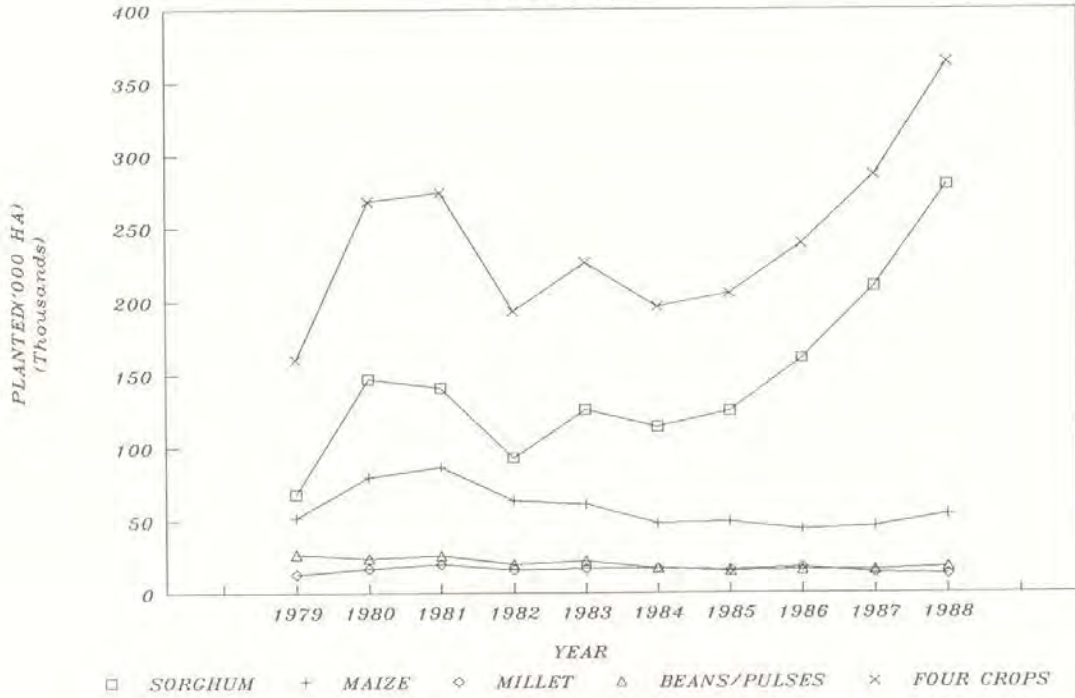


FIGURE-6 AREA HARVESTED BY CROPS

(1979 - 1988)

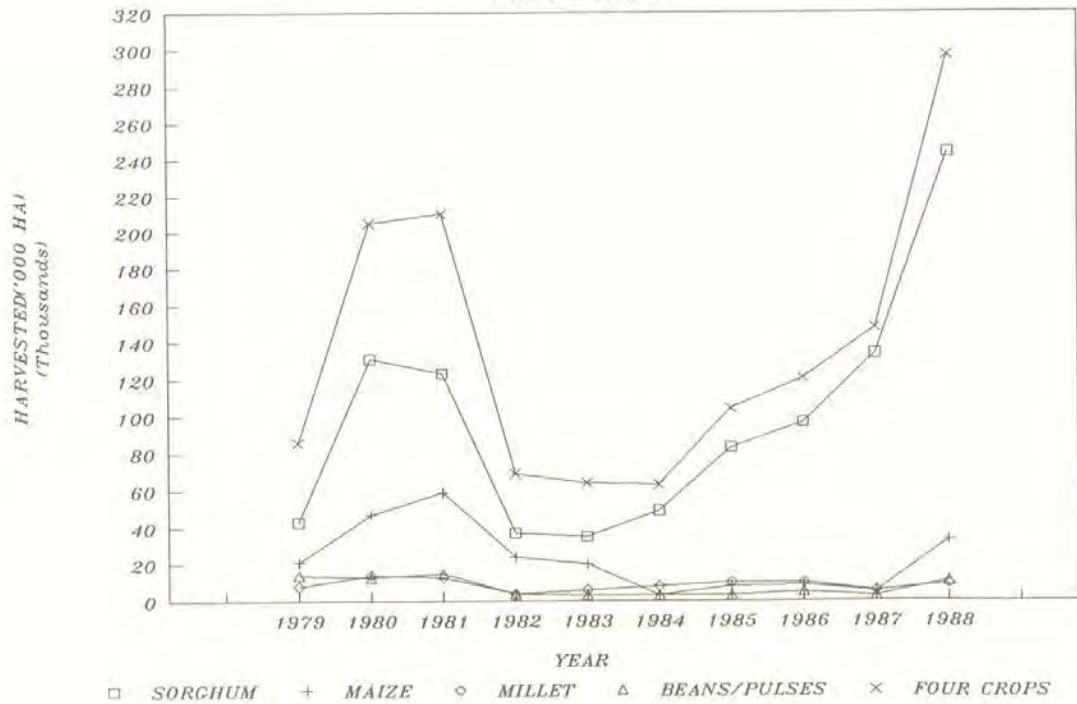


TABLE-5 TOTAL CROP PRODUCTION (1979-88)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUND- NUTS	TOTAL	TOTAL FOUR CROPS*
----- (METRIC TONS) -----								
1979	5,000	3,000	1,000	1,000	900	200	11,100	10,000
1980	29,000	12,000	3,000	2,000	1,400	1,400	48,800	46,000
1981	28,000	22,000	2,000	3,000	1,200	2,000	58,200	55,000
1982	4,000	13,000	500	500	700	300	19,000	18,000
1983	5,000	9,000	500	300	200	800	15,800	14,800
1984	6,000	500	700	400	400	600	8,600	7,600
1985	15,000	1,500	1,800	400	500	800	20,000	18,700
1986	16,000	3,600	1,300	600	200	200	21,900	21,500
1987	18,000	3,300	400	100	100	100	22,000	21,800
1988	94,000	7,300	3,700	2,300	200	200	107,700	107,300

TABLE-6A AVERAGE CROP YIELDS BASED ON PRODUCTION & AREA PLANTED (KG/HA)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUND- NUTS	TOTAL	TOTAL FOUR CROPS*
1979	74	58	77	37	150	50	65	63
1980	197	150	176	83	200	280	174	172
1981	199	253	100	115	400	400	206	201
1982	43	203	31	25	350	150	96	93
1983	40	148	29	14	200	800	69	65
1984	53	10	41	24	200	150	43	39
1985	120	31	113	27	167	400	95	91
1986	99	82	72	38	200	100	90	90
1987	86	72	29	6	100	50	76	76
1988	337	135	285	128	200	200	294	295

TABLE-6B TEN YEAR AVERAGE OF CROP PRODUCTION, AREA PLANTED AND YIELD (1979-1988)

TOTAL PRODUCTION (MT)	22000	7520	1490	1060	580	660	33310	32070
AREA PLANTED (HA)	146400	58500	16100	20100	2700	2800	246600	241100
AVERAGE YIELD (KG/HA)	150	129	93	53	215	236	135	133

*Sorghum, Maize, Millet and Beans/Pulses

FIGURE-7 TOTAL PRODUCTION BY CROPS

(1979 - 1988)

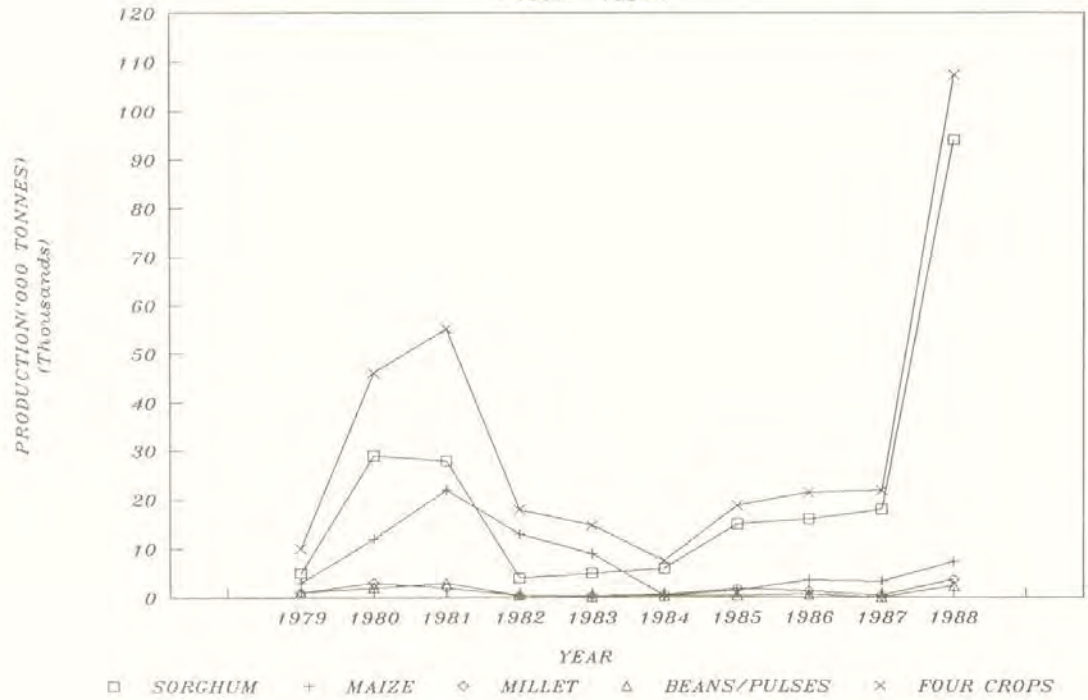


FIGURE-8 AVERAGE YIELDS

(1979 - 1988)

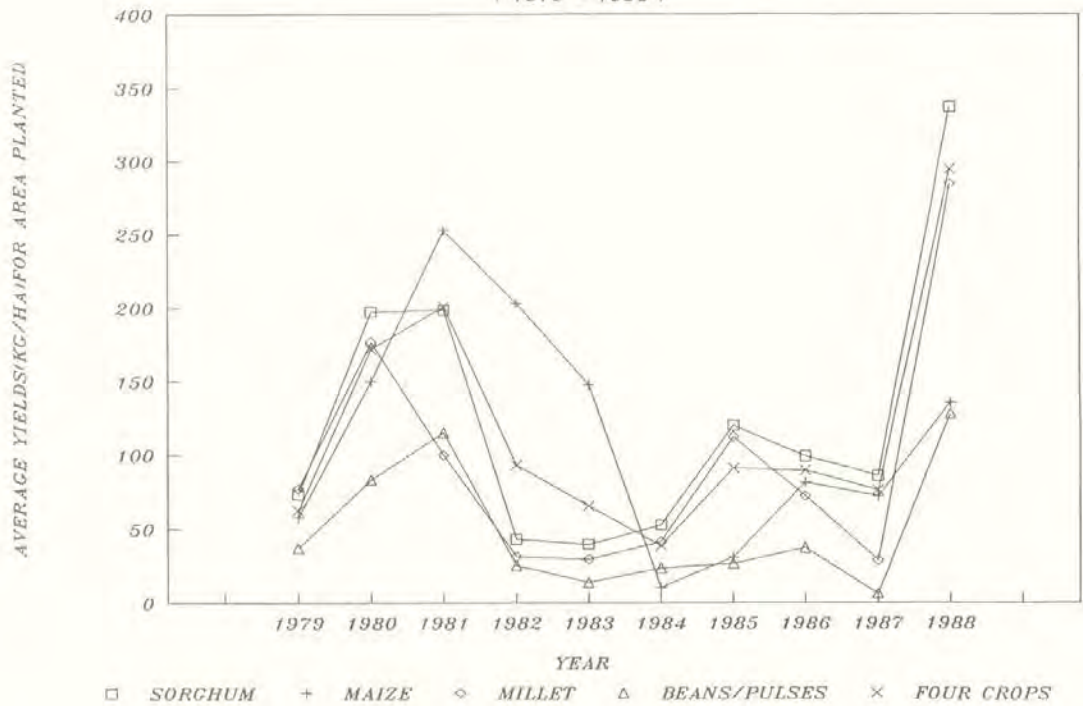


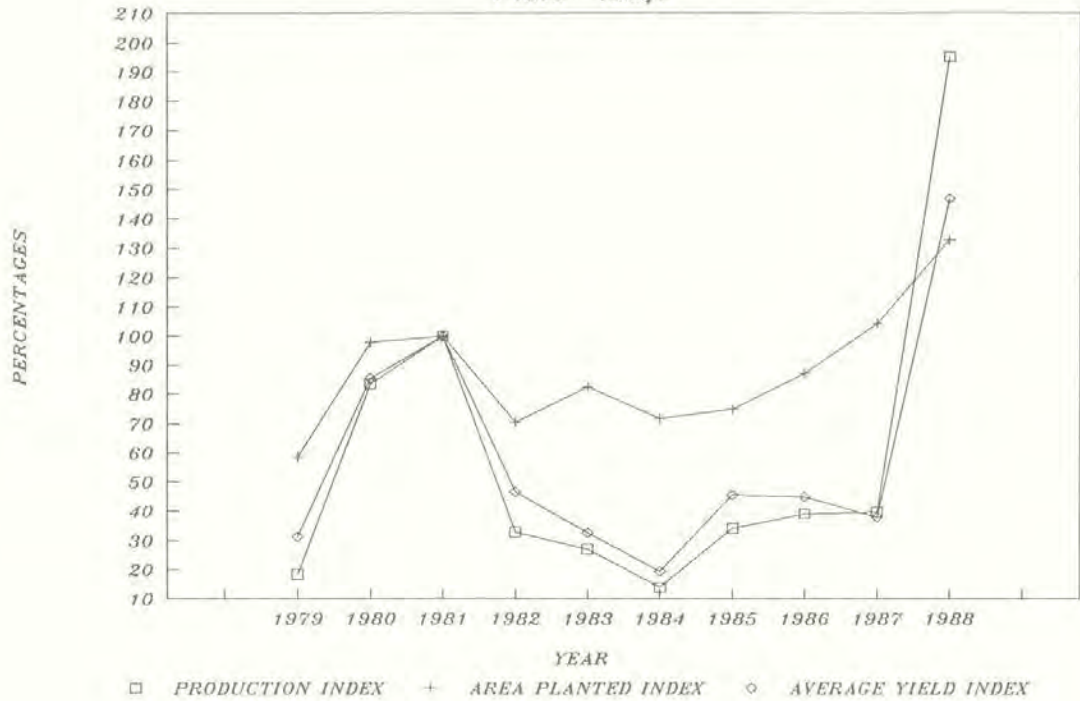
TABLE-7 INDEX OF FOUR FOOD CROPS(SORGHUM,MAIZE,MILLET & BEANS/PULSES),
AREA PLANTED AND AVERAGE YIELD(1981 = 100)

YEAR	INDEX OF PRODUCTION	INDEX OF AREA PLANTED	INDEX OF AVERAGE YIELD
1979	18.2	58.4	31.1
1980	83.6	97.8	85.5
1981	100.0	100.0	100.0
1982	32.7	70.4	46.5
1983	26.9	82.5	32.6
1984	13.8	71.5	19.3
1985	34.0	74.8	45.4
1986	39.1	87.2	44.8
1987	39.6	104.4	38.0
1988	195.1	132.8	146.9

TABLE-8 INDEX OF LIVESTOCK POPULATION(1981 =100)

YEAR	CATTLE	GOAT	SHEEP
1979	95.7	99.2	108.6
1980	98.1	102.7	108.4
1981	100.0	100.0	100.0
1982	100.4	102.4	100.0
1983	95.0	126.1	117.9
1984	90.5	143.2	119.3
1985	82.9	183.3	142.9
1986	78.6	214.5	163.6
1987	76.3	236.7	171.4
1988	81.2	272.3	185.7

FIGUTRE-9 FOUR CROPS INDICES(1981=100)
(1979 - 1988)



FIGUTRE-10 LIVESTOCK POPULATION INDICES
(1979 - 1988) (1981=100)

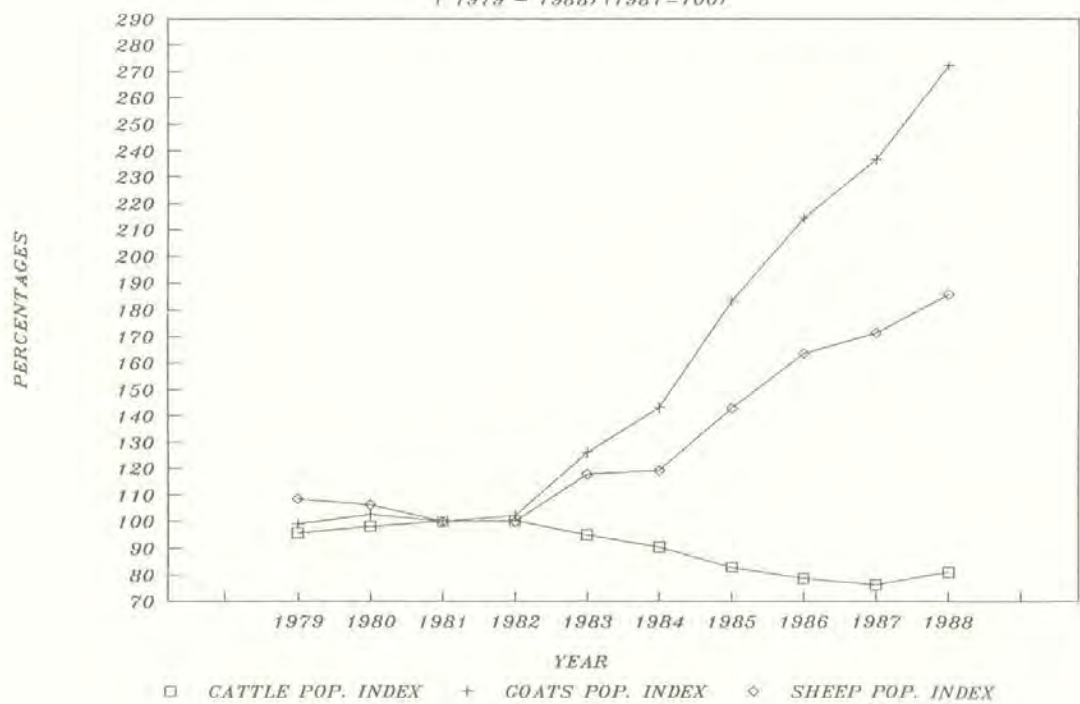


TABLE 09 - SAMPLE SIZE OF BLOCKS AND HOLDERS SELECTED FOR TRADITIONAL FARMS
BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BLOCKS IN POPULATION	BLOCKS SELECTED	HOLDERS SELECTED
TRADITIONAL -----			
BAROLONG	37	12	84
NGWAKETSE SOUTH	120	14	268
NGWAKETSE NORTH	332	26	206
SOUTHERN REGION	489	52	558
BAMALETE	96	9	48
KWENENG SOUTH	263	15	101
KWENENG NORTH	139	12	103
KGATLENG	182	18	139
GABORONE REGION	680	54	391
MAHALAPYE EAST	168	15	128
MAHALAPYE WEST	144	9	60
PALAPYE	168	12	112
SEROWE	261	17	153
BOBONONG	226	28	183
CENTRAL REGION	967	81	636
TATI	142	15	124
TUTUME	191	19	132
FRANCISTOWN REGION	333	34	256
NGAMILAND WEST	175	22	126
NGAMILAND EAST	150	14	89
CHOBE	27	9	57
MAUN REGION	352	45	272
GHANZI	54	16	111
KGALAGADI	63	15	112
WESTERN REGION	117	31	223
TOTAL TRADITIONAL	2938	297	2336

TABLE-10 SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL LIVESTOCK ESTIMATES(1987-1988)

	-----TRADITIONAL-----		-----COMMERCIAL-----		-----TOTAL-----		COEFF. OF VAR 1988 %
	1987	1988	1987	1988	1987	1988	
TOTAL FARMS	83,700	85,900	540	540	84,240	86,440	4.1
CATTLE:-							
CATTLE FARMS	51,000	53,100	500	500	51,500	53,600	4.3
TOTAL CATTLE	1,866,800	1,972,900	396,600	435,500	2,263,400	2,408,400	6.7
BULLS	31,600	33,200	7,500	7,800	39,100	41,000	9.7
OXEN	160,200	183,800	26,200	39,600	186,400	223,400	8.5
COWS	779,500	830,800	174,500	176,400	954,000	1,007,200	8.4
TOLLIES	218,200	223,000	46,800	61,800	265,000	284,800	9.5
HEIFER	284,000	283,400	63,900	65,800	347,900	349,200	8.9
CALVES	393,300	418,700	77,700	84,100	471,000	502,800	8.6
BIRTHS	458,300	544,100	86,200	119,500	542,500	663,600	8.4
DEATHS	423,900	303,600	24,800	22,100	448,700	325,700	11.2
SALES	121,100	132,800	112,200	157,600	233,300	290,400	14.7
PURCHASES	22,600	33,700	54,800	102,500	77,200	136,200	16.8
HOME SLAUGHTER	35,000	35,300	1,500	3,400	36,500	38,700	17.9
GOATS:-							
GOAT FARMS	62,500	64,400	350	380	62,850	64,780	4.5
TOTAL GOATS	1,428,900	1,639,100	41,000	51,700	1,469,900	1,690,800	6.8
MALES ONE YEAR AND OVER	219,900	235,100	6,200	6,500	226,100	241,600	6.2
FEMALES ONE YEAR AND OVER	752,100	853,200	21,400	27,000	773,500	880,200	6.4
MALES UNDER ONE YEAR	205,300	259,200	6,200	7,200	211,500	266,400	6.9
FEMALES UNDER ONE YEAR	251,600	291,600	7,200	11,000	258,800	302,600	6.7
BIRTHS	575,500	702,600	15,500	23,200	591,000	725,800	6.2
DEATHS	299,100	322,300	7,400	6,900	306,500	329,200	7.1
SALES	51,400	67,100	3,300	5,400	54,700	72,500	12.3
PURCHASES	26,700	26,600	900	1,700	27,600	28,300	13.9
HOME SLAUGHTER	77,500	106,500	3,700	4,200	81,200	110,700	12.6
SHEEP:-							
SHEEP FARMS	14,350	14,950	270	300	14,620	15,250	6.5
TOTAL SHEEP	204,300	218,400	36,000	40,500	240,300	258,900	11.2
MALES ONE YEAR AND OVER	35,400	39,500	4,300	4,600	39,700	44,100	11.2
FEMALES ONE YEAR AND OVER	112,500	118,000	20,700	23,100	133,200	141,100	11.4
MALES UNDER ONE YEAR	24,900	27,200	4,700	5,900	29,600	33,100	11.7
FEMALES UNDER ONE YEAR	31,500	33,700	6,300	6,900	37,800	40,600	13.2
BIRTHS	69,200	75,900	13,500	13,900	82,700	89,800	11.5
DEATHS	30,500	43,600	9,800	5,300	40,300	48,900	13.1
SALES	11,800	11,300	4,100	8,000	15,900	19,300	24.3
PURCHASES	7,600	4,800	3,800	3,700	11,400	8,300	20.8
HOME SLAUGHTER	9,600	9,700	2,500	3,500	12,100	13,200	24.9
OTHER LIVESTOCK:-							
DONKEY FARMS	28,900	26,900	150	160	27,050	27,060	7.0
TOTAL DONKEYS	144,700	145,900	1,800	2,000	146,500	147,900	7.6
MULES FARMS	500	600	50	50	550	650	-
TOTAL MULES	1,100	1,800	350	400	1,450	2,000	-
HORSE FARMS	5,850	6,250	220	250	6,070	6,500	14.2
TOTAL HORSES	19,800	23,600	4,400	5,000	24,200	28,600	18.0
PIG FARMS	6,100	6,500	40	50	6,140	6,550	22.2
TOTAL PIGS	8,500	10,000	2,700	2,800	11,200	12,800	25.6
CHICKEN FARMS	64,800	72,800	250	300	65,050	73,100	6.9
TOTAL CHICKENS	757,700	1,009,800	525,000	800,000	1,282,700	1,809,800	7.8

TABLE -11 SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES(1987 - 1988)

	---TRADITIONAL---		---COMMERCIAL---		---TOTAL---		COEFF.OF.VAR
	1987	1988	1987	1988	1987	1988	1988 %
TOTAL CROPS:-							
FARMS WITH LAND	62,800	67,300	200	220	63,000	67,520	5.0
TOTAL LAND AREA(HA)	317,300	370,800	65,000	71,500	382,300	442,300	5.2
FARMS WITH CROPS PLANTED	57,700	62,800	150	170	57,850	62,970	5.1
TOTAL AREA PLANTED(HA)	269,000	328,600	20,500	39,300	289,500	367,900	6.1
TOTAL AREA HARVESTED(HA)	113,600	269,200	15,900	28,800	129,500	298,000	6.6
SORGHUM:-							
FARMS	55,950	59,800	90	110	56,040	59,910	5.3
AREA PLANTED(HA)	194,700	245,700	15,300	33,500	210,000	279,200	6.3
AREA HARVESTED(HA)	102,600	219,500	11,300	24,300	113,900	243,800	7.1
TOTAL PRODUCTION(MT)	11,135	69,340	6,900	25,000	18,035	94,340	11.0
AVERAGE YIELD(KG/HA)*	57	282	451	746	86	338	11.2
MAIZE:-							
FARMS	33,050	37,300	85	55	33,135	37,355	6.5
AREA PLANTED(HA)	43,300	50,800	3,200	3,500	46,500	54,300	9.1
AREA HARVESTED(HA)	3,200	29,900	2,200	3,000	5,400	32,900	12.2
TOTAL PRODUCTION(MT)	215	4,840	3,080	2,800	3,275	7,640	28.7
AVERAGE YIELD(KG/HA)*	5	95	956	800	70	141	26.5
MILLET:							
FARMS	13,950	12,650	5	10	13,955	12,660	13.2
AREA PLANTED(HA)	14,000	13,000	100	100	14,100	13,100	16.0
AREA HARVESTED(HA)	5,400	9,000	100	100	5,500	9,100	32.8
TOTAL PRODUCTION(MT)	360	2,865	5	80	365	2,945	31.9
AVERAGE YIELD(KG/HA)*	26	220	50	800	26	225	30.6
BEANS/PULSES:-							
FARMS	27,850	31,550	50	30	27,900	31,580	12.6
AREA PLANTED(HA)	14,900	17,100	1,000	1,000	15,900	18,100	13.3
AREA HARVESTED(HA)	2,200	9,900	700	1,000	2,900	10,900	15.5
TOTAL PRODUCTION(MT)	285	1,725	40	600	325	2,325	25.8
AVERAGE YIELD(KG/HA)*	19	101	40	600	20	128	18.1
FOUR CROPS(SORGHUM,MAIZE, MILLET & BEANS/PULSES):-							
FARMS	57,600	61,700	150	160	57,750	61,860	5.0
AREA PLANTED(HA)	267,000	326,600	19,600	38,100	286,600	364,700	6.1
AREA HARVESTED(HA)	113,400	268,300	14,300	28,400	127,700	296,700	6.9
TOTAL PRODUCTION(MT)	11,995	78,770	10,000	28,480	21,995	107,250	11.1
AVERAGE YIELD(KG/HA)*	45	241	510	748	77	294	11.3
GROUNDNUTS:-							
FARMS	2,250	750	10	10	2,260	760	33.0
AREA PLANTED(HA)	1,500	700	400	400	1,900	1,100	25.6
AREA HARVESTED(HA)	0	400	400	200	400	600	31.6
TOTAL PRODUCTION(MT)	0	130	60	180	60	310	59.6
AVERAGE YIELD(KG/HA)*	0	186	150	450	32	282	60.8
SUNFLOWER:-							
FARMS	150	400	15	10	165	410	35.9
AREA PLANTED(HA)	400	700	200	300	600	1,000	28.9
AREA HARVESTED(HA)	200	400	400	200	600	600	33.9
TOTAL PRODUCTION(MT)	25	50	80	150	105	200	69.8
AVERAGE YIELD(KG/HA)*	63	71	400	500	175	200	72.1

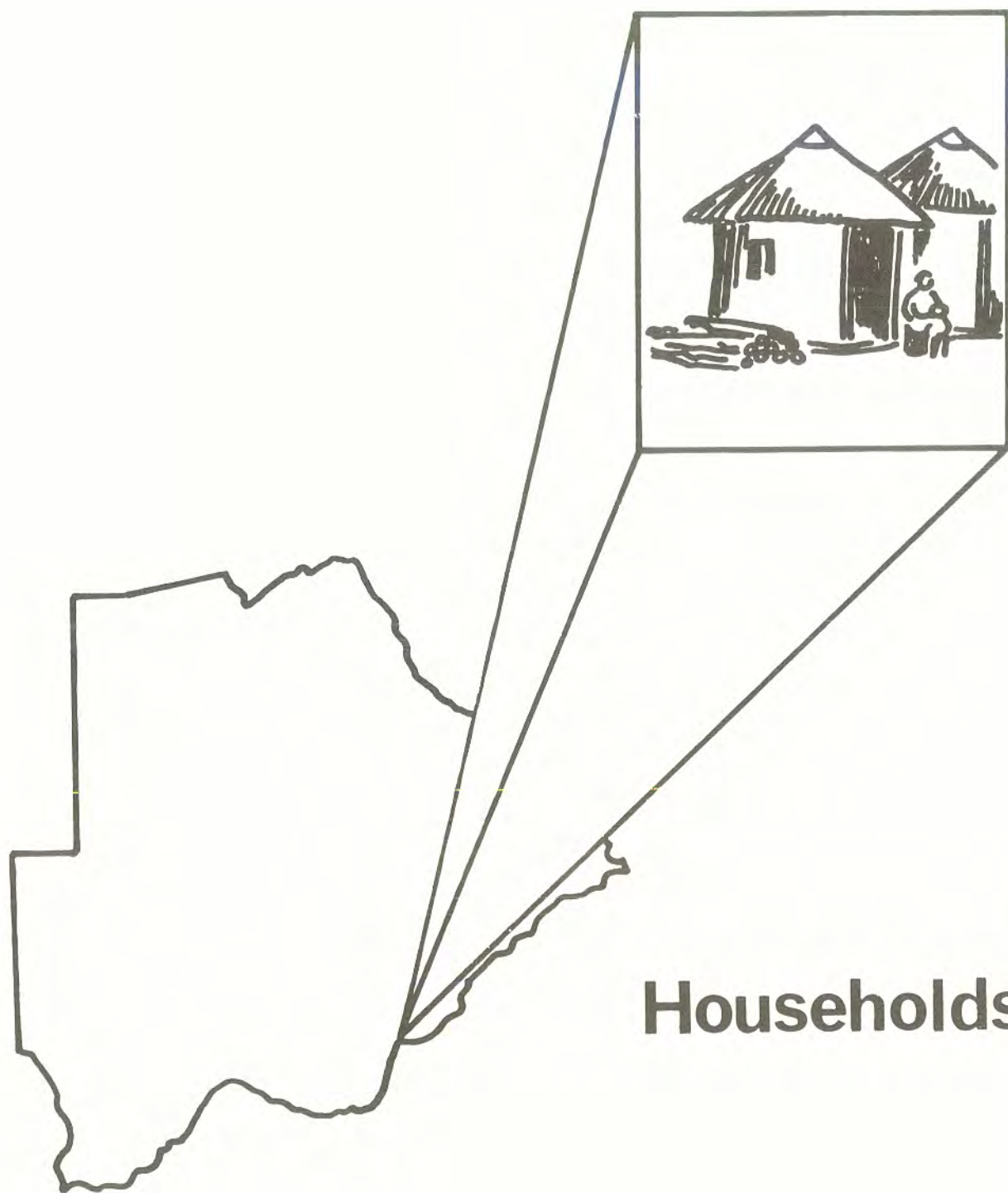
*Based on Area Planted

TABLE-12 FARMS : TOTAL WITH LANDS,CROPS,CATTLE,SHEEP,GOATS & OTHER LIVESTOCK BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	TOTAL FARMS	FARMS WITH LAND	CROP FARMS	CATTLE FARMS	SHEEP FARMS	GOAT FARMS	OTHER LIVESTOCK
TRADITIONAL							
BAROLONG	1,800	1,200	1,200	1,000	500	1,100	1,400
NGWAKETSE SOUTH	3,400	2,800	2,300	2,200	1,100	2,500	3,000
NGWAKETSE NORTH	9,000	6,500	6,600	5,400	2,000	6,300	7,500
SOUTHERN REGION	14,000	10,500	10,100	8,600	3,600	9,900	11,900
BAMALETE	3,200	2,300	2,300	1,400	300	1,800	2,400
KWENENG SOUTH	7,500	6,400	6,100	4,500	1,700	5,600	7,200
KWENENG NORTH	3,100	2,700	2,400	1,900	300	2,100	2,600
KGATLENG	5,300	4,700	4,500	3,500	600	3,700	5,100
GABORONE REGION	19,100	16,100	15,300	11,300	2,900	13,200	17,300
MAHALAPYE EAST	4,700	3,800	3,500	2,700	900	3,600	4,900
MAHALAPYE WEST	3,500	3,100	2,800	2,200	800	2,800	3,200
PALAPYE	5,400	4,100	4,100	3,300	800	4,900	5,300
SEROWE	6,500	4,800	4,600	4,300	800	4,900	6,000
BOBONONG	6,800	5,800	5,200	4,100	1,700	5,500	5,500
CENTRAL REGION	26,900	21,600	20,200	16,600	5,000	21,700	24,800
TATI	6,300	5,000	4,500	3,700	1,400	5,300	6,200
TUTUME	6,700	5,500	5,400	4,500	600	5,200	5,700
FRANCISTOWN REGION	13,000	10,500	9,900	8,200	2,000	10,500	11,900
NGAMILAND WEST	4,500	3,200	3,100	2,900	300	2,500	3,000
NGAMILAND EAST	4,000	3,000	2,100	2,500	300	3,600	2,500
CHIBE	1,600	1,200	1,100	1,000	50	600	1,500
MAUN REGION	10,100	7,400	6,300	6,400	650	6,700	7,000
GHANZI	1,000	400	300	800	200	800	1,000
KGALAGADI	1,800	800	700	1,200	600	1,600	1,400
WESTERN REGION	2,800	1,200	1,000	2,000	800	2,400	2,400
TOTAL TRADITIONAL	85,900	67,300	62,800	53,100	14,950	64,400	75,400
TOTAL COMMERCIAL	540	220	170	500	300	380	300
TOTAL	86,440	67,520	62,970	53,600	15,250	64,780	75,700

TABLE -13 PRODUCTION MIX : FARM HOLDERS BY PRODUCTION MIX AND BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	CATTLE ONLY	CATTLE & SMALLSTOCK	CATTLE & CROPS	CATTLE CROP & SMALLSTOCK	CROPS ONLY	CROPS & SMALLSTOCK	SMALLSTOCK ONLY	OTHER PRODUCTION MIXES	TOTAL
TRADITIONAL									
BAROLONG	50	150	100	700	100	300	100	100	1,600
NGWAKETSE SOUTH	150	350	200	1,500	300	300	500	100	3,400
NGWAKETSE NORTH	450	950	600	3,400	1,100	1,500	800	200	9,000
SOUTHERN REGION	650	1,450	900	5,600	1,500	2,100	1,400	400	14,000
BAMALETE	50	450	250	650	800	600	100	300	3,200
KWENENG SOUTH	200	200	300	3,800	600	1,400	700	300	7,500
KWENENG NORTH	150	100	100	1,550	600	150	250	200	3,100
KGATLENG	100	200	750	2,450	750	550	450	50	5,300
GABORONE REGION	500	950	1,400	8,450	2,750	2,700	1,500	850	19,100
MAHALAPYE EAST	100	400	200	2,000	700	600	450	250	4,700
MAHALAPYE WEST	100	200	300	1,600	450	450	300	100	3,500
PALAPYE	400	750	250	1,900	700	1,250	100	50	5,400
SEROWE	700	800	800	2,000	600	1,200	300	100	6,500
BOBONONG	200	750	250	2,900	800	1,250	500	150	6,800
CENTRAL REGION	1,500	2,900	1,800	10,400	3,250	4,750	1,650	650	26,900
TATI	150	200	500	2,850	600	550	1,000	450	6,300
TUTUME	250	450	650	3,150	600	1,000	400	200	6,700
FRANCISTOWN REGION	400	650	1,150	6,000	1,200	1,550	1,400	650	13,000
NGAMILAND WEST	600	700	400	1,200	700	800	50	50	4,500
NGAMILAND EAST	200	1,600	300	400	500	900	50	50	4,000
CHOBE	50	150	500	300	200	100	100	200	1,600
MAUN REGION	850	2,450	1,200	1,900	1,400	1,800	200	300	10,100
GHANZI	200	500	50	50	50	150			1,000
KGALAGADI	150	600	150	300	50	200	300	50	1,800
WESTERN REGION	350	1,100	200	350	100	350	300	50	2,800
TOTAL TRADITIONAL	4,250	9,500	6,650	32,700	10,200	13,250	6,450	2,900	85,900
TOTAL COMMERCIAL	120	260	40	80	30		5	5	540
TOTAL	4,370	9,760	6,690	32,780	10,230	13,250	6,455	2,905	86,440



Households

TABLE - 14 SEX OF FARM HOLDER : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALE		FEMALE		TOTAL
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	NUMBER
TRADITIONAL					

BAROLONG	1,100	68.8	500	31.3	1,600
NGWAKETSE SOUTH	2,500	73.5	900	26.5	3,400
NGWAKETSE NORTH	6,300	70.0	2,700	30.0	9,000
SOUTHERN REGION	9,900	70.7	4,100	29.3	14,000
BAMALETE	1,800	56.3	1,400	43.8	3,200
KWENENG SOUTH	5,200	69.3	2,300	30.7	7,500
KWENENG NORTH	1,900	61.3	1,200	38.7	3,100
KGATLENG	4,000	75.5	1,300	24.5	5,300
GABORONE REGION	12,900	67.5	6,200	32.5	19,100
MAHALAPYE EAST	2,600	55.3	2,100	44.7	4,700
MAHALAPYE WEST	2,300	65.7	1,200	34.3	3,500
PALAPYE	3,400	63.0	2,000	37.0	5,400
SEROWE	3,900	60.0	2,600	40.0	6,500
BOBONONG	4,600	67.6	2,200	32.4	6,800
CENTRAL REGION	16,800	62.5	10,100	37.5	26,900
TATI	4,200	66.7	2,100	33.3	6,300
TUTUME	3,800	56.7	2,900	43.3	6,700
FRANCISTOWN REGION	8,000	61.5	5,000	38.5	13,000
NGAMILAND WEST	2,600	57.8	1,900	42.2	4,500
NGAMILAND EAST	3,000	75.0	1,000	25.0	4,000
CHOBE	600	37.5	1,000	62.5	1,600
MAUN REGION	6,200	61.4	3,900	38.6	10,100
GHANZI	800	80.0	200	20.0	1,000
KGALAGADI	1,300	72.2	500	27.8	1,800
WESTERN REGION	2,100	75.0	700	25.0	2,800
TOTAL TRADITIONAL	55,900	65.1	30,000	34.9	85,900

TABLE - 15 AGE OF FARM HOLDER : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
--NUMBER--						
TRADITIONAL						

BAROLONG	100	300	500	400	300	1,600
NGWAKETSE SOUTH	300	500	500	1,000	1,100	3,400
NGWAKETSE NORTH	700	1,500	2,100	1,800	2,900	9,000
SOUTHERN REGION	1,100	2,300	3,100	3,200	4,300	14,000
BAMALETE	200	200	900	1,200	700	3,200
KWENENG SOUTH	400	1,100	1,600	2,100	2,300	7,500
KWENENG NORTH	100	500	1,100	800	600	3,100
KGATLENG	300	700	800	1,500	2,000	5,300
GABORONE REGION	1,000	2,500	4,400	5,600	5,600	19,100
MAHALAPYE EAST	400	600	1,300	900	1,500	4,700
MAHALAPYE WEST	100	400	800	800	1,400	3,500
PALAPYE	600	1,300	900	1,400	1,200	5,400
SEROWE	900	1,200	1,400	1,500	1,500	6,500
BOBONONG	300	1,600	1,300	1,900	1,700	6,800
CENTRAL REGION	2,300	5,100	5,700	6,500	7,300	26,900
TATI	600	900	1,500	1,400	1,900	6,300
TUTUME	500	1,400	1,200	2,000	1,600	6,700
FRANCISTOWN REGION	1,100	2,300	2,700	3,400	3,500	13,000
NGAMILAND WEST	1,000	500	800	1,200	1,000	4,500
NGAMILAND EAST	500	600	800	800	1,300	000
CHOBE	200	800	300	200	100	,600
MAUN REGION	1,700	1,900	1,900	2,200	2,400	0,100
GHANZI	100	200	200	200	300	1,000
KGALAGADI	200	200	600	200	600	1,800
WESTERN REGION	300	400	800	400	900	2,800
TOTAL TRADITIONAL	7,500	14,500	18,600	21,300	24,000	85,900

TABLE - 16 AGE OF FARM HOLDER : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
----PERCENTAGE----						
TRADITIONAL						

BAROLONG	6.3	18.8	31.3	25.0	18.8	100.0
NGWAKETSE SOUTH	8.8	14.7	14.7	29.4	32.4	100.0
NGWAKETSE NORTH	7.8	16.7	23.3	20.0	32.2	100.0
SOUTHERN REGION	7.9	16.4	22.1	22.9	30.7	100.0
BAMALETE	8.0	8.0	36.0	20.0	28.0	100.0
KWENENG SOUTH	5.3	14.7	21.3	28.0	30.7	100.0
KWENENG NORTH	3.2	16.1	35.5	25.8	19.4	100.0
KGATLENG	5.7	13.2	15.1	28.3	37.7	100.0
GABORONE REGION	5.4	13.6	23.9	26.6	30.4	100.0
MAHALAPYE EAST	8.5	12.8	27.7	19.1	31.9	100.0
MAHALAPYE WEST	2.9	11.4	22.9	22.9	40.0	100.0
PALAPYE	11.1	24.1	16.7	25.9	22.2	100.0
SEROWE	13.8	18.5	21.5	23.1	23.1	100.0
BOBONONG	4.4	23.5	19.1	27.9	25.0	100.0
CENTRAL REGION	8.6	19.0	21.2	24.2	27.1	100.0
TATI	9.5	14.3	23.8	22.2	30.2	100.0
TUTUME	7.5	20.9	17.9	29.9	23.9	100.0
FRAZISTOWN REGION	8.5	17.7	20.8	26.2	26.9	100.0
NGAMILAND WEST	22.2	11.1	17.8	26.7	22.2	100.0
NGAMILAND EAST	12.5	15.0	20.0	20.0	32.5	100.0
CHOBE	12.5	50.0	18.8	12.5	6.3	100.0
MAUN REGION	16.8	18.8	18.8	21.8	23.8	100.0
GHANZI	10.0	20.0	20.0	20.0	30.0	100.0
KGALAGADI	11.1	11.1	33.3	11.1	33.3	100.0
WESTERN REGION	10.7	14.3	28.6	14.3	32.1	100.0
TOTAL TRADITIONAL	8.8	17.0	21.8	24.2	28.2	100.0

TABLE - 17 PERSONS LIVING IN FARM HOLDERS DWELLING UNIT:BY AGE GROUP
& AVERAGE NUMBER PER DWELLING UNIT BY DISTRICTS AND REGIONS

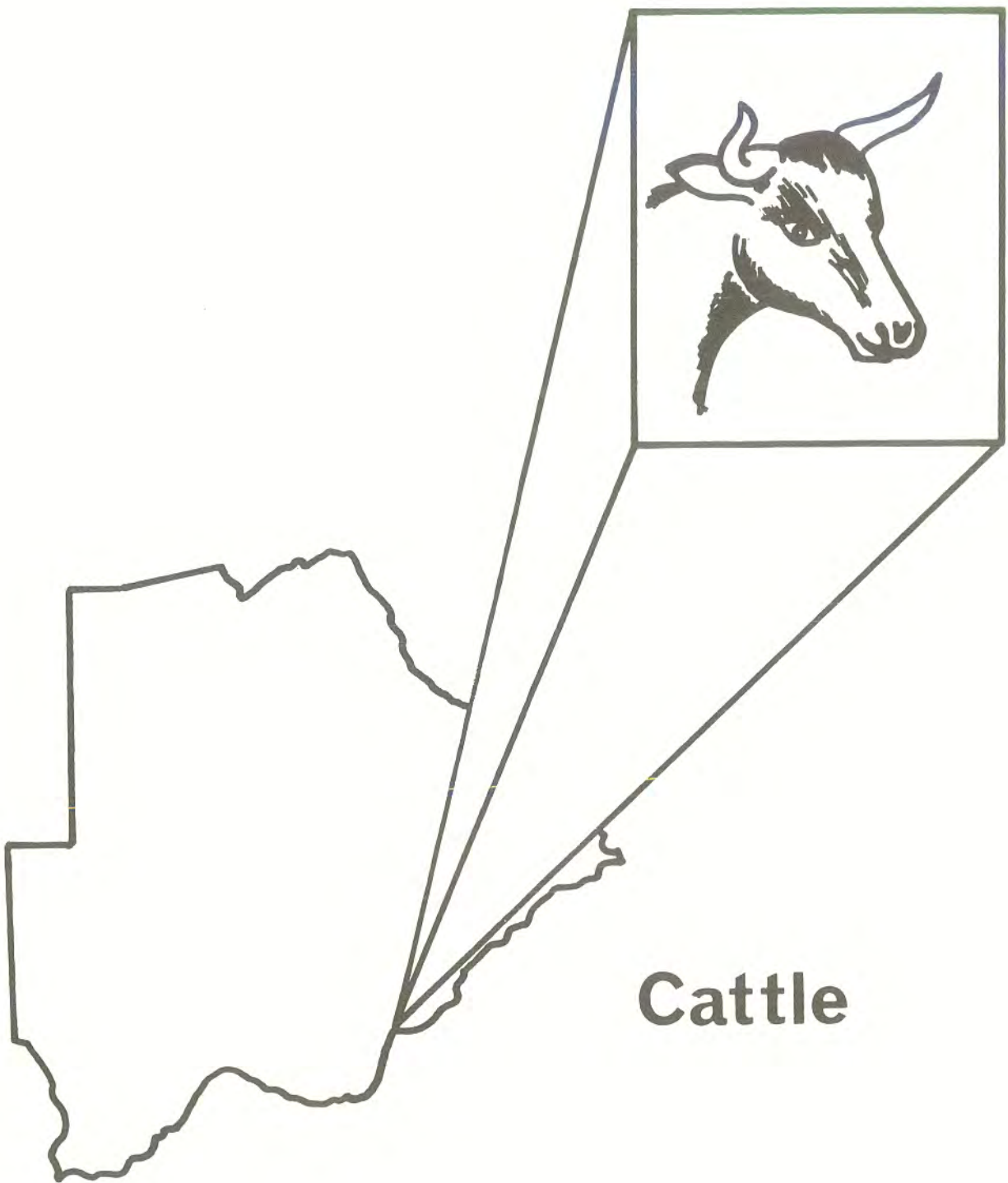
DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL	AVERAGE PER FARM DWELLING UNIT
--NUMBER--						
TRADITIONAL						
BAROLONG	1,300	3,800	5,400	500	11,000	6.9
NGWAKETSE SOUTH	1,900	4,000	16,800	1,100	23,800	7.0
NGWAKETSE NORTH	5,600	13,900	32,400	5,700	57,600	6.4
SOUTHERN REGION	8,800	21,700	54,600	7,300	92,400	6.6
BAMALETE	2,600	3,700	10,800	1,600	18,500	5.8
KWENENG SOUTH	6,300	12,000	20,200	3,400	41,900	5.6
KWENENG NORTH	2,700	4,900	9,400	1,600	18,600	6.0
KGATLENG	4,400	7,900	15,200	2,500	30,000	5.7
GABORONE REGION	16,000	28,500	55,400	9,100	109,000	5.7
MAHALAPYE EAST	3,600	11,300	17,200	3,000	35,100	7.5
MAHALAPYE WEST	1,900	6,300	9,400	2,400	20,000	5.7
PALAPYE	6,200	11,000	20,000	2,700	39,900	7.4
SEROWE	5,000	14,300	31,500	3,700	54,500	8.4
BOBONONG	6,900	10,500	27,900	5,000	50,300	7.4
CENTRAL REGION	23,600	53,400	106,000	16,800	199,800	7.4
TATI	5,800	14,000	17,500	2,600	39,900	6.3
TUTUME	5,700	10,600	19,000	2,200	37,500	5.6
FRANCISTOWN REGION	11,500	24,600	36,500	4,800	77,400	6.0
NGAMILAND WEST	3,100	6,800	12,100	2,000	24,000	5.3
NGAMILAND EAST	3,500	6,200	15,400	2,000	27,100	6.8
CHOBE	1,200	3,700	3,700	400	9,000	5.6
MAUN REGION	7,800	16,700	31,200	4,400	60,100	6.0
GHANZI	700	2,200	3,500	800	7,000	7.0
KGALAGADI	1,800	3,600	4,200	1,600	11,200	6.2
WESTERN REGION	2,500	5,800	7,700	2,200	18,200	6.5
TOTAL TRADITIONAL	70,200	150,700	291,400	44,600	556,900	6.5

TABLE-19 OWNERSHIP: DWELLING UNITS, CATTLE POSTS AND LAND HOLDINGS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	DWELLING UNITS		CATTLE POSTS		LAND HOLDINGS	
	NUMBER	AVERAGE ALL FARMS	NUMBER	AVERAGE ALL FARMS	NUMBER	AVERAGE ALL FARMS
TRADITIONAL						
BAROLONG	1,800	1.1	100	0.1	1,700	1.1
NGWAKETSE SOUTH	5,800	1.7	1,100	0.3	3,000	0.9
NGWAKETSE NORTH	17,000	1.9	2,400	0.3	8,200	0.9
SOUTHERN REGION	24,600	1.8	3,600	0.3	12,900	0.9
BAMALETE	6,000	1.9	400	0.1	3,200	1.0
KWENENG SOUTH	13,600	1.8	1,700	0.2	6,900	0.9
KWENENG NORTH	5,400	1.7	400	0.1	3,100	1.0
KGATLENG	10,200	1.9	1,200	0.2	5,400	1.0
GABORONE REGION	35,200	1.8	3,700	0.2	18,600	1.0
MAHALAPYE EAST	9,000	1.9	1,500	0.3	3,600	0.8
MAHALAPYE WEST	7,700	2.2	2,200	0.6	3,100	0.9
PALAPYE	10,500	1.9	1,400	0.3	4,600	0.9
SEROWE	10,800	1.7	3,300	0.5	4,700	0.7
BOBONONG	12,900	1.9	2,700	0.4	6,500	1.0
CENTRAL REGION	50,900	1.9	11,100	0.4	22,500	0.8
TATI	9,500	1.5	1,400	0.2	4,100	0.7
TUTUME	11,500	1.7	2,100	0.3	6,700	1.0
FRANCISTOWN REGION	21,000	1.6	3,500	0.3	10,800	0.8
NGAMILAND WEST	5,600	1.2	1,700	0.4	3,300	0.7
NGAMILAND EAST	7,000	1.8	2,000	0.5	2,800	0.7
CHOBE	2,100	1.3	200	0.1	1,900	1.2
MAUN REGION	14,700	1.5	3,900	0.4	8,000	0.8
GHANZI	1,500	1.5	500	0.5	100	0.1
KGALAGADI	2,000	1.1	700	0.4	700	0.4
WESTERN REGION	3,500	1.3	1,200	0.4	800	0.3
TOTAL TRADITIONAL	149,900	1.7	27,000	0.3	73,600	0.9

TABLE - 18 PERSONS LIVING IN FARM HOLDERS DWELLING UNIT:BY AGE GROUP AND AVERAGE NUMBER
PER DWELLING UNIT BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL
--PERCENTAGE--					
TRADITIONAL					
BAROLONG	11.8	34.5	49.1	4.5	100.0
NGWAKETSE SOUTH	8.0	16.8	70.6	4.6	100.0
NGWAKETSE NORTH	9.7	24.1	56.3	9.9	100.0
SOUTHERN REGION	9.5	23.5	59.1	7.9	100.0
BAMALETE	14.1	20.0	57.3	8.6	100.0
KWENENG SOUTH	15.0	28.6	48.2	8.1	100.0
KWENENG NORTH	14.5	26.3	50.5	8.6	100.0
KGATLENG	14.7	26.3	50.7	8.3	100.0
GABORONE REGION	14.7	26.1	50.8	8.3	100.0
MAHALAPYE EAST	10.3	32.2	49.0	8.5	100.0
MAHALAPYE WEST	9.5	31.5	47.0	12.0	100.0
PALAPYE	15.5	27.6	50.1	6.8	100.0
SEROWE	9.2	26.2	57.8	6.8	100.0
BOBONONG	13.7	20.9	55.5	9.9	100.0
CENTRAL REGION	11.8	26.7	53.1	8.4	100.0
TATI	14.5	35.1	43.9	6.5	100.0
TUTUME	15.2	28.3	50.7	5.9	100.0
FRANCISTOWN REGION	14.9	31.8	47.2	6.2	100.0
NGAMILAND WEST	12.9	28.3	50.4	8.3	100.0
NGAMILAND EAST	12.9	22.9	56.8	7.4	100.0
CHOBE	13.3	41.1	41.1	4.4	100.0
MAUN REGION	13.0	27.8	51.9	7.3	100.0
GHAZZI	10.0	31.4	50.0	8.6	100.0
KGALAGADI	16.1	32.1	37.5	14.3	100.0
WESTERN REGION	13.7	31.9	42.3	12.1	100.0
TOTAL TRADITIONAL	12.6	27.1	52.3	8.0	100.0



Cattle

TABLE-20 CATTLE : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CATTLE		FARMS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	
					NUMBER
					('000)
TRADITIONAL					
BAROLONG	1,000	1.9	16.8	0.7	16.8
NGWAKETSE SOUTH	2,200	4.1	67.2	2.8	30.5
NGWAKETSE NORTH	5,400	10.1	165.4	6.9	30.6
SOUTHERN REGION	8,600	16.0	249.4	10.4	29.0
BAMALETE	1,400	2.6	17.4	0.7	12.4
KWENENG SOUTH	4,500	8.4	95.0	3.9	21.1
KWENENG NORTH	1,900	3.5	64.6	2.7	34.0
KGATLENG	3,500	6.5	108.8	4.5	31.1
GABORONE REGION	11,300	21.1	285.8	11.9	25.3
MAHALAPYE EAST	2,700	5.0	78.3	3.3	29.0
MAHALAPYE WEST	2,200	4.1	116.6	4.8	53.0
PALAPYE	3,300	6.2	127.4	5.3	38.6
SEROWE	4,300	8.0	248.5	10.3	57.8
BOBONONG	4,100	7.6	172.2	7.1	42.0
CENTRAL REGION	16,600	31.0	743.0	30.9	44.8
TATI	3,700	6.9	127.7	5.3	34.5
TUTUME	4,500	8.4	166.5	6.9	37.0
FRANCISTOWN REGION	8,200	15.3	294.2	12.2	35.9
NGAMILAND WEST	2,900	5.4	106.4	4.4	36.7
NGAMILAND EAST	2,500	4.7	162.6	6.8	65.0
CHOBE	1,000	1.9	13.4	0.6	13.4
MAUN REGION	6,400	11.9	282.4	11.7	44.1
Ghanzi	800	1.5	54.9	2.3	68.6
Kgalagadi	1,200	2.2	63.2	2.6	52.7
WESTERN REGION	2,000	3.7	118.1	4.9	59.1
TOTAL TRADITIONAL	53,100	99.1	1972.9	81.9	37.2
TOTAL COMMERCIAL	500	0.9	435.5	18.1	871.0
TOTAL	53,600	100.0	2408.4	100.0	44.9

FIGURE-11 CATTLE FARMS BY REGIONS

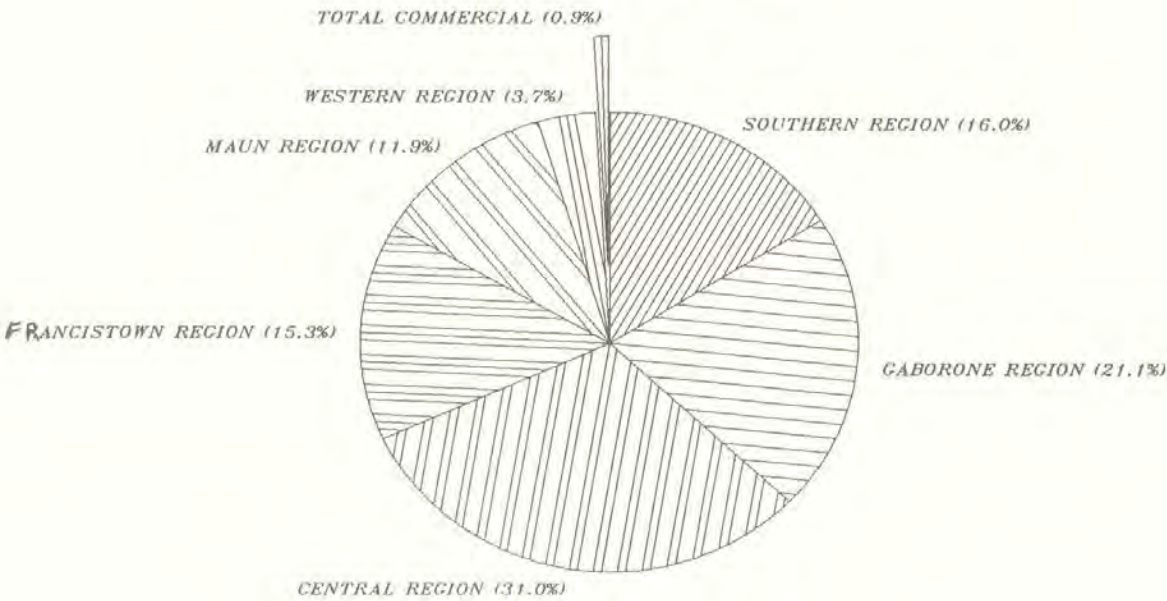


FIGURE-12 CATTLE POPULATION BY REGIONS

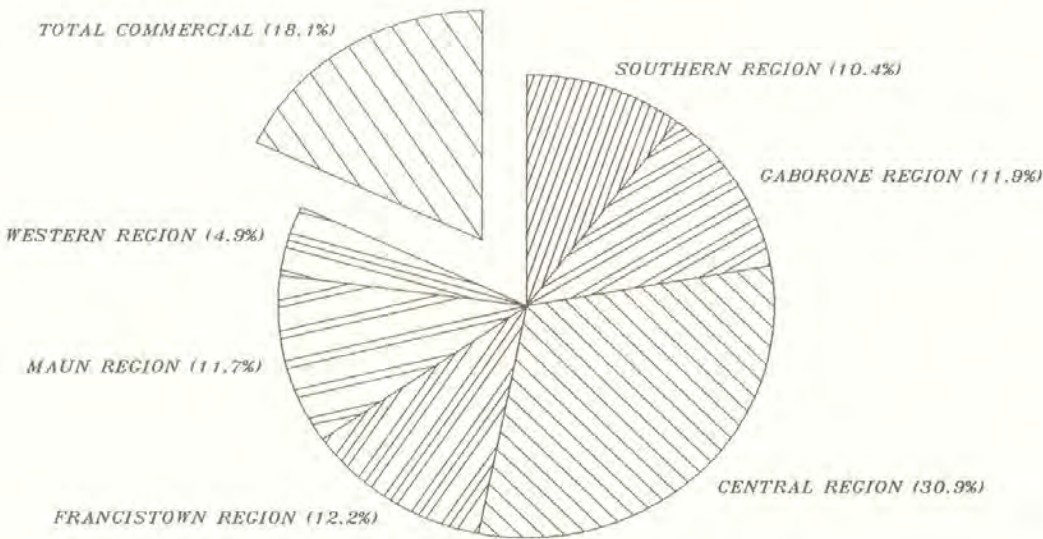


TABLE-21 CATTLE : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF CATTLE HOLDING

HERD SIZE			CATTLE	FARMS	TOTAL		CATTLE	AVERAGE
			NUMBER	PERCENTAGE	NUMBER	PERCENTAGE		SIZE
					('000)			NUMBER
TRADITIONAL								
1	-	10	17,000	32.0	112.5		5.7	6.6
11	-	20	12,800	24.1	207.2		10.5	16.2
21	-	30	7,100	13.4	185.4		9.4	26.1
31	-	40	4,400	8.3	159.8		8.1	36.3
41	-	50	2,600	4.9	124.3		6.3	47.8
51	-	60	2,300	4.3	130.2		6.6	56.6
61	-	100	2,800	5.3	228.9		11.6	81.8
101	-	150	2,100	4.0	268.3		13.6	127.8
151	+		2,000	3.8	556.3		28.2	278.2
TOTAL TRADITIONAL			53,100	100.0	1972.9		100.0	37.2
COMMERCIAL								
1	-	100	70	14.0	3.3		0.8	47.1
101	-	500	210	42.0	53.2		12.2	253.3
501	-	1000	90	18.0	60.3		13.8	670.0
1001	-	5000	120	24.0	252.0		57.9	2100.0
5001	+		10	2.0	66.7		15.3	6670.0
TOTAL COMMERCIAL			500	100.0	435.5		100.0	871.0
TOTAL			53,600	-.-	2408.4		-.-	44.9

TABLE-22 CATTLE HERD COMPOSITION : BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
	-NUMBER('000)-						
TRADITIONAL							

BAROLONG	0.4	2.1	6.5	1.8	2.5	3.5	16.8
NGWAKETSE SOUTH	1.5	5.9	28.2	6.2	10.6	14.8	67.2
NGWAKETSE NORTH	2.8	17.9	64.8	19.4	23.8	36.7	165.4
SOUTHERN REGION	4.7	25.9	99.5	27.4	36.9	55.0	249.4
BAMALETE	0.3	1.8	6.7	2.4	2.5	3.7	17.4
KWENENG SOUTH	1.9	7.1	37.2	13.5	14.6	20.7	95.0
KWENENG NORTH	1.0	5.9	28.5	5.9	9.4	13.9	64.6
KGATLENG	2.0	8.6	45.5	10.6	15.8	26.3	108.8
GABORONE REGION	5.2	23.4	117.9	32.4	42.3	64.6	285.8
MAHALAPYE EAST	1.5	7.4	33.8	8.6	9.9	17.1	78.3
MAHALAPYE WEST	1.7	10.1	49.9	12.5	16.9	25.5	116.6
PALAPYE	2.4	14.1	52.0	13.2	18.2	27.5	127.4
SEROWE	4.5	20.1	110.6	25.1	32.1	56.1	248.5
BOBONONG	2.8	17.4	77.2	17.8	25.1	31.9	172.2
CENTRAL REGION	12.9	69.1	323.5	77.2	102.2	158.1	743.0
TATI	1.7	11.6	49.9	17.3	19.8	27.4	127.7
TUTUME	3.0	17.1	70.7	18.8	21.8	35.1	166.5
FRANCISTOWN REGION	4.7	28.7	120.6	36.1	41.6	62.5	294.2
NGAMILAND WEST	1.4	10.9	43.2	13.5	17.6	19.8	106.4
NGAMILAND EAST	2.8	15.9	66.5	21.6	23.7	32.1	162.6
CHOBE	0.1	2.2	5.4	1.5	1.8	2.4	13.4
MAUN REGION	4.3	29.0	115.1	36.6	43.1	54.3	282.4
GHANZI	0.7	3.2	24.4	6.2	8.3	12.1	54.9
KGALAGADI	0.7	4.5	29.8	7.1	9.0	12.1	63.2
WESTERN REGION	1.4	7.7	54.2	13.3	17.3	24.2	118.1
TOTAL TRADITIONAL	33.2	183.8	830.8	223.0	283.4	418.7	1972.9
TOTAL COMMERCIAL	7.8	39.8	176.4	61.8	65.8	84.1	435.5
TOTAL	41.0	223.4	1007.2	284.8	349.2	502.8	2408.4

TABLE-23 CATTLE HERD COMPOSITION: RATIO OF BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES
DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
	-PERCENTAGE-						
TRADITIONAL							

BAROLONG	2.4	12.5	38.7	10.7	14.9	20.8	100.0
NGWAKETSE SOUTH	2.2	8.8	42.0	9.2	15.8	22.0	100.0
NGWAKETSE NORTH	1.7	10.8	39.2	11.7	14.4	22.2	100.0
SOUTHERN REGION	1.9	10.4	39.9	11.0	14.8	22.1	100.0
BAMALETE	1.7	10.3	38.5	13.8	14.4	21.3	100.0
KWENENG SOUTH	2.0	7.5	39.2	14.2	15.4	21.8	100.0
KWENENG NORTH	1.6	9.1	44.1	9.2	14.5	21.6	100.0
KGATLENG	1.8	7.9	41.8	9.7	14.5	24.2	100.0
GABORONE REGION	1.8	8.2	41.2	11.4	14.8	22.6	100.0
MAHALAPYE EAST	1.9	9.5	43.2	11.0	12.6	21.8	100.0
MAHALAPYE WEST	1.5	8.7	42.8	10.7	14.5	21.8	100.0
PALAPYE	1.9	11.1	40.8	10.4	14.3	21.6	100.0
SEROWE	1.8	8.1	44.5	10.1	12.9	22.6	100.0
BOBONONG	1.6	10.1	44.8	10.3	14.6	18.5	100.0
CENTRAL REGION	1.8	9.3	43.5	10.4	13.7	21.3	100.0
TATI	1.3	9.1	39.1	13.6	15.5	21.5	100.0
TUTUME	1.8	10.3	42.5	11.3	13.1	21.1	100.0
FRANCISTOWN REGION	1.6	9.8	41.0	12.3	14.1	21.3	100.0
NGAMILAND WEST	1.3	10.2	40.6	12.7	16.5	18.6	100.0
NGAMILAND EAST	1.7	9.8	40.9	13.3	14.6	19.7	100.0
CHOBE	0.8	16.7	40.9	11.4	13.6	16.7	100.0
MAUN REGION	1.5	10.3	40.8	13.0	15.3	19.1	100.0
GHANZI	1.3	5.9	44.5	11.3	15.2	22.0	100.0
KGALAGADI	1.1	7.2	47.0	11.3	14.3	19.0	100.0
WESTERN REGION	1.2	6.6	45.8	11.3	14.7	20.4	100.0
TOTAL TRADITIONAL	1.7	9.3	42.1	11.3	14.4	21.2	100.0
TOTAL COMMERCIAL	1.8	9.1	40.5	14.2	15.1	19.3	100.0
TOTAL	1.7	9.3	41.8	11.8	14.5	20.9	100.0

TABLE-24 CATTLE HERD COMPOSITION :BULLS,OXEN,COWS,TOLLIES,HEIFERS AND CALVES B
BY SIZE OF CATTLE HOLDING

HERD SIZE		BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
		-NUMBER('000)-						
TRADITIONAL								
1	- 10	1.7	12.7	48.4	10.1	16.1	23.5	112.5
11	- 20	3.7	24.0	80.9	25.0	31.3	42.3	207.2
21	- 30	3.3	18.4	71.2	23.7	29.7	39.1	185.4
31	- 40	3.2	17.6	61.9	17.6	24.2	35.3	159.8
41	- 50	2.4	12.3	50.3	12.4	19.8	27.1	124.3
51	- 60	2.6	13.7	56.3	13.3	16.7	27.6	130.2
61	- 100	3.9	19.7	98.2	29.5	31.6	46.0	228.9
101	- 150	3.5	23.1	118.3	32.2	41.3	49.9	268.3
151	+	8.9	42.3	245.3	59.2	72.7	127.9	556.3
TOTAL TRADITIONAL		33.2	183.8	830.8	223.0	283.4	418.7	1972.9
COMMERCIAL								
1	- 100	0.1	0.2	1.4	0.4	0.6	0.6	3.3
101	- 500	1.2	1.6	21.2	8.5	9.9	10.8	53.2
501	- 1000	0.8	6.8	22.6	10.2	10.0	9.9	60.3
1001	- 5000	3.5	20.2	107.5	36.4	35.4	48.0	252.0
5001	+	2.2	10.8	23.7	6.3	9.9	13.8	66.7
TOTAL COMMERCIAL		7.8	39.6	176.4	61.8	65.8	84.1	435.5
TOTAL		41.0	223.4	1007.2	284.8	349.2	502.8	2408.4

TABLE-25 CATTLE HERD COMPOSITION :BULLS,OXEN,COWS,TOLLIES,HEIFERS AND CALVES B
BY SIZE OF CATTLE HOLDING

HERD SIZE			BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL
			-PERCENTAGE-						
TRADITIONAL									
1	-	10	1.5	11.3	43.1	9.0	14.3	20.9	100.0
11	-	20	1.8	11.6	39.1	12.1	15.1	20.4	100.0
21	-	30	1.8	9.9	38.4	12.8	16.0	21.1	100.0
31	-	40	2.0	11.0	38.8	11.0	15.1	22.0	100.0
41	-	50	1.9	9.9	40.4	10.0	15.9	21.8	100.0
51	-	60	2.0	10.5	43.3	10.2	12.9	21.2	100.0
61	-	100	1.7	8.6	42.9	12.9	13.8	20.1	100.0
101	-	150	1.3	8.6	44.1	12.0	15.4	18.6	100.0
151	+		1.6	7.3	43.7	10.6	12.7	24.0	100.0
TOTAL TRADITIONAL			1.7	9.2	42.0	11.3	14.3	21.5	100.0
COMMERCIAL									
1	-	100	3.0	6.1	42.4	12.1	18.2	18.2	100.0
101	-	500	2.3	3.0	39.8	16.0	18.6	20.3	100.0
501	-	1000	1.3	11.3	37.5	16.9	16.6	16.4	100.0
1001	-	5000	1.4	8.0	42.7	14.4	14.0	19.4	100.0
5001	+		3.3	16.2	35.5	9.4	14.8	20.7	100.0
TOTAL COMMERCIAL			1.8	9.1	40.5	14.2	15.1	19.3	100.0
TOTAL			1.7	9.2	41.7	11.8	14.4	21.1	100.0

TABLE -26 CATTLE INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER('000)-					
TRADITIONAL					

BAROLONG	4.2	1.7	0.9	0.1	0.2
NGWAKETSE SOUTH	17.3	6.7	4.1	0.7	0.3
NGWAKETSE NORTH	46.1	19.5	9.5	1.9	2.2
SOUTHERN REGION	67.6	27.9	14.5	2.7	2.7
BAMALETE	4.2	2.5	0.7	0.3	0.3
KWENENG SOUTH	24.0	18.1	6.2	1.6	2.9
KWENENG NORTH	16.2	7.4	2.4	1.2	0.6
KGATLENG	29.9	15.5	4.5	2.0	0.9
GABORONE REGION	76.3	43.5	13.8	5.1	4.7
MAHALAPYE EAST	22.6	11.8	4.2	0.9	1.4
MAHALAPYE WEST	32.2	20.8	5.9	1.9	1.4
PALAPYE	37.5	21.8	5.4	2.0	4.5
SEROWE	64.6	30.9	17.9	7.3	2.0
BOBONONG	43.3	33.1	13.9	3.1	5.0
CENTRAL REGION	200.2	118.4	47.3	15.2	14.3
TATI	35.5	20.7	5.5	1.5	3.9
TUTUME	50.4	23.9	9.5	2.5	3.1
FRANCISTOWN REGION	85.9	44.6	15.0	4.0	7.0
NGAMILAND WEST	30.3	19.2	9.9	1.3	0.7
NGAMILAND EAST	49.7	28.6	18.9	5.1	2.8
CHOBE	3.1	2.0	0.5	0.2	0.3
MAUN REGION	82.1	49.8	29.3	6.6	3.8
Ghanzi	14.8	8.9	5.8	0.9	0.5
KGALAGADI	17.2	10.5	7.1	0.8	0.7
WESTERN REGION	32.0	19.4	12.9	1.7	1.2
TOTAL TRADITIONAL	544.1	303.6	132.8	35.3	33.7
TOTAL COMMERCIAL	119.5	22.1	157.6	3.4	102.5
TOTAL	663.6	325.7	290.4	38.7	136.2

TABLE-27 CATTLE INVENTORY * : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES
TO TOTAL CATTLE BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TO TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
-PERCENTAGE-					
TRADITIONAL					
BAROLONG	70.6	11.6	6.1	0.7	1.4
NGWAKETSE SOUTH	70.3	11.2	6.9	1.2	0.5
NGWAKETSE NORTH	67.7	11.5	5.6	1.1	1.3
SOUTHERN REGION	68.6	11.4	5.9	1.1	1.1
BAMALETE	64.1	16.0	4.5	1.9	1.9
KWENENG SOUTH	65.8	20.0	6.9	1.8	3.2
KWENENG NORTH	72.7	12.4	4.0	2.0	1.0
KGATLENG	69.9	14.4	4.2	1.9	0.8
GABORONE REGION	68.9	15.9	5.0	1.9	1.7
MAHALAPYE EAST	68.3	15.4	5.5	1.2	1.8
MAHALAPYE WEST	66.8	19.0	5.4	1.7	1.3
PALAPYE	72.7	17.2	4.3	1.6	3.5
SEROWE	51.9	11.1	6.4	2.6	0.7
BOBONONG	67.3	22.4	9.4	2.1	3.4
CENTRAL REGION	62.2	16.0	6.4	2.1	1.9
TATI	73.6	16.5	4.4	1.2	3.1
TUTUME	75.9	14.6	5.8	1.5	1.9
FRANCISTOWN REGION	74.9	15.4	5.2	1.4	2.4
NGAMILAND WEST	73.2	18.8	9.7	1.3	0.7
NGAMILAND EAST	72.3	18.0	11.9	3.2	1.8
CHOBE	57.9	15.7	3.9	1.6	2.4
MAUN REGION	71.9	18.2	10.7	2.4	1.4
GHAZI	67.1	18.3	11.9	1.8	1.0
KGALAGADI	74.3	20.8	14.1	1.6	1.4
WESTERN REGION	70.8	19.6	13.0	1.7	1.2
TOTAL TRADITIONAL	67.6	15.8	6.9	1.8	1.8
TOTAL COMMERCIAL	68.1	5.3	37.9	0.8	24.6
TOTAL	67.7	13.9	12.4	1.7	5.8

*Based on Mid-year Population

TABLE -28 CATTLE INVENTORY : BIRTHS,DEATHS,SALES,HOME SLAUGHTER & PURCHASES
BY SIZE OF CATTLE HOLDING

HERD SIZE			BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER ('000)-				
TRADITIONAL							

	0		6.0	3.3	0.5	0.2	0.0
1	-	10	29.7	24.2	6.2	2.0	1.8
11	-	20	60.5	41.0	11.0	2.2	2.9
21	-	30	46.2	35.6	9.6	2.4	2.9
31	-	40	43.3	25.2	6.8	2.6	1.5
41	-	50	36.8	19.0	8.0	1.7	1.0
51	-	60	38.6	14.1	7.9	1.9	1.1
61	-	100	61.8	30.3	19.9	3.8	3.6
101	-	150	61.2	30.2	23.3	4.4	4.4
151	+		160.0	80.7	39.6	14.1	14.5
TOTAL TRADITIONAL			544.1	303.6	132.8	35.3	33.7
COMMERCIAL							

1	-	100	0.8	0.3	1.5	0.1	0.4
101	-	500	13.5	4.6	17.2	0.4	10.8
501	-	1000	16.5	5.0	21.4	0.5	13.0
1001	-	5000	74.5	9.2	96.2	2.0	61.7
5001	+		14.2	3.0	21.3	0.4	16.6
TOTAL COMMERCIAL			119.5	22.1	157.6	3.4	102.5
TOTAL			663.6	325.7	290.4	38.7	136.2

TABLE-29 CATTLE INVENTORY * : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY SIZE OF HOLDING

HERD SIZE			RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
TRADITIONAL			-PERCENTAGE-				
1	-	10		23.6	6.0	1.9	1.8
11	-	20	79.1	21.0	5.6	1.1	1.5
21	-	30	71.4	21.2	5.7	1.4	1.7
31	-	40	68.4	15.9	4.3	1.6	0.9
41	-	50	72.0	14.9	6.3	1.3	0.8
51	-	60	77.7	12.3	6.9	1.7	1.0
61	-	100	54.0	11.2	7.4	1.4	1.3
101	-	150	60.9	13.4	10.3	2.0	2.0
151 +			66.3	14.4	7.1	2.5	2.6
TOTAL TRADITIONAL			67.6	15.8	6.9	1.8	1.8
COMMERCIAL							
1	-	100	51.6	7.7	39.0	2.6	10.4
101	-	500	58.2	8.1	30.3	0.7	19.0
501	-	1000	72.4	8.8	37.5	0.9	22.8
1001	-	5000	79.5	4.0	41.8	0.9	26.8
5001 +			50.0	4.4	31.1	0.6	24.3
TOTAL COMMERCIAL			68.1	5.3	37.9	0.8	24.6
TOTAL			67.7	13.9	12.4	1.7	5.8

*ADJUSTED IN RESPECT TO NET MIGRATION

TABLE 30 - CATTLE SALES: NUMBER OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BMC*	BMC AND OTHERS	ANOTHER FARMER	TRADERS	LOCAL ABBATOIR	AUCTION	TOTAL
---NUMBER---							
TRADITIONAL							
BAROLONG	700	- -	100	100	- -	- -	900
NGWAKETSE SOUTH	2,500	350	700	300	- -	250	4,100
NGWAKETSE NORTH	8,500	400	2,300	- -	100	200	9,500
SOUTHERN REGION	9,700	750	3,100	400	100	450	14,500
BAMALETE	- -	- -	50	650	- -	- -	700
KWENENG SOUTH	2,500	1,900	1,200	- -	600	- -	6,200
KWENENG NORTH	1,400	150	50	200	200	400	2,400
KGATLENG	500	500	100	500	2,400	500	4,500
GABORONE REGION	4,400	2,550	1,400	1,350	3,200	900	13,800
MAHALAPYE EAST	3,400	- -	200	500	100	- -	4,200
MAHALAPYE WEST	5,300	100	250	50	200	- -	5,900
PALAPYE	3,000	- -	1,400	700	50	250	5,400
SEROWE	13,150	3,050	750	50	400	500	17,900
BOBONONG	7,000	200	- -	800	3,400	2,500	13,900
CENTRAL REGION	31,850	3,350	2,600	2,100	4,150	3,250	47,300
TATI	2,650	- -	1,950	- -	900	- -	5,500
TUTUME	7,500	1,050	250	400	300	- -	9,500
FRANCISTOWN REGION	10,150	1,050	2,200	400	1,200	- -	15,000
NGAMILAND WEST	7,100	1,300	100	- -	1,400	- -	9,900
NGAMILAND EAST	17,400	500	100	700	- -	200	18,900
CHOBE	- -	- -	150	- -	350	- -	500
MAUN REGION	24,500	1,800	350	700	1,750	200	29,300
GHANZI	3,150	2,300	50	- -	- -	300	5,800
KGALAGADI	3,200	1,600	- -	- -	- -	2,300	7,100
WESTERN REGION	6,350	3,900	50	- -	- -	2,600	12,900
TOTAL TRADITIONAL	86,950	13,400	9,700	4,950	10,400	7,400	132,800
TOTAL COMMERCIAL	54,500	69,300	3,400	2,400	25,000	3,000	157,600
TOTAL	141,450	82,700	13,100	7,350	35,400	10,400	290,400

* Botswana Meat Commission

TABLE -31 RATIO OF CATTLE SALES: NUMBER OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BMC	BMC AND OTHERS	ANOTHER FARMER	TRADERS	LOCAL ABBATOIR	AUCTION	TOTAL
----PERCENTAGE----							
TRADITIONAL							

BAROLONG	77.8	-.-	11.1	11.1	-.-	-.-	100.0
NGWAKETSE SOUTH	61.0	8.5	17.1	7.3	-.-	6.1	100.0
NGWAKETSE NORTH	68.4	4.2	24.2	-.-	1.1	2.1	100.0
SOUTHERN REGION	66.9	5.2	21.4	2.8	0.7	3.1	100.0
BAMALETE	-.-	-.-	7.1	92.9	-.-	-.-	100.0
KWENENG SOUTH	40.3	30.6	19.4	-.-	9.7	-.-	100.0
KWENENG NORTH	58.3	6.3	2.1	8.3	8.3	16.7	100.0
KGATLENG	11.1	11.1	2.2	11.1	53.3	11.1	100.0
GABORONE REGION	31.9	18.5	10.1	9.8	23.2	6.5	100.0
MAHALAPYE EAST	81.0	-.-	4.8	11.9	2.4	-.-	100.0
MAHALAPYE WEST	89.8	1.7	4.2	0.8	3.4	-.-	100.0
PALAPYE	55.6	-.-	25.9	13.0	0.9	4.6	100.0
SEROWE	73.5	17.0	4.2	0.3	2.2	2.8	100.0
BOBONONG	50.4	1.4	-.-	5.8	24.5	18.0	100.0
CENTRAL REGION	67.3	7.1	5.5	4.4	8.8	8.9	100.0
TATI	48.2	-.-	35.5	-.-	16.4	-.-	100.0
TUTUME	78.9	11.1	2.6	4.2	3.2	-.-	100.0
FRANCISTOWN REGION	67.7	7.0	14.7	2.7	8.0	-.-	100.0
NGAMILAND WEST	71.7	13.1	1.0	-.-	14.1	-.-	100.0
NGAMILAND EAST	92.1	2.6	0.5	3.7	-.-	1.1	100.0
CHOBE	-.-	-.-	30.0	-.-	70.0	-.-	100.0
MAUN REGION	83.6	6.1	1.2	2.4	6.0	0.7	100.0
GHANZI	54.3	39.7	0.9	-.-	-.-	5.2	100.0
KGALAGADI	45.1	22.5	-.-	-.-	-.-	32.4	100.0
WESTERN REGION	49.2	30.2	0.4	-.-	-.-	20.2	100.0
TOTAL TRADITIONAL	65.5	10.1	7.3	3.7	7.8	5.6	100.0
TOTAL COMMERCIAL	34.6	44.0	2.2	1.5	15.8	1.9	100.0
TOTAL	48.7	28.5	4.5	2.5	12.2	3.6	100.0



TABLE-32 GOATS : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	GOAT FARMS		TOTAL	GOATS	AVERAGE SIZE NUMBER
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
TRADITIONAL					
BAROLONG	1,100	1.7	16.3	1.0	14.8
NGWAKETSE SOUTH	2,500	3.9	39.5	2.3	15.8
NGWAKETSE NORTH	8,300	9.7	136.1	8.0	21.6
SOUTHERN REGION	9,900	15.3	191.9	11.3	19.4
BAMALETE	1,800	2.8	37.4	2.2	20.8
KWENENG SOUTH	5,600	8.6	117.0	6.9	20.9
KWENENG NORTH	2,100	3.2	45.8	2.7	21.8
KGATLENG	3,700	5.7	109.2	6.5	29.5
GABORONE REGION	13,200	20.4	309.4	18.3	23.4
MAHALAPYE EAST	3,600	5.6	95.0	5.6	26.4
MAHALAPYE WEST	2,800	4.3	73.4	4.3	26.2
PALAPYE	4,900	7.6	120.5	7.1	24.6
SEROWE	4,900	7.6	138.7	8.2	28.3
BOBONONG	5,500	8.5	157.9	9.3	28.7
CENTRAL REGION	21,700	33.5	585.5	34.6	27.0
TATI	5,300	8.2	115.5	6.8	21.8
TUTUME	5,200	8.0	124.8	7.4	24.0
FRANCISTOWN REGION	10,500	16.2	240.3	14.2	22.9
NGAMILAND WEST	2,500	3.9	70.5	4.2	28.2
NGAMILAND EAST	3,600	5.6	137.5	8.1	38.2
CHOBE	600	0.9	4.3	0.3	7.2
MAUN REGION	6,700	10.3	212.3	12.6	31.7
GHANZI	800	1.2	37.0	2.2	46.3
KGALAGADI	1,800	2.5	62.7	3.7	39.2
WESTERN REGION	2,400	3.7	99.7	5.9	41.5
TOTAL TRADITIONAL	64,400	99.4	1539.1	96.9	25.5
TOTAL COMMERCIAL	380	0.6	51.7	3.1	136.1
TOTAL	64,780	100.0	1690.8	100.0	26.1

TABLE-33 GOATS: FARMS,ANIMALS AND AVERAGE SIZE BY SIZE OF GOAT HOLDING

FLOCK SIZE			GOAT	FARMS	TOTAL	GOAT	AVERAGE SIZE
			NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	NUMBER
TRADITIONAL							
1	-	5	7,400	11.5	27.4	1.7	3.7
6	-	10	11,500	17.9	97.8	6.0	8.5
11	-	15	9,100	14.1	118.3	7.2	13.0
16	-	20	7,800	12.1	142.0	8.7	18.2
21	-	30	10,600	16.5	276.7	16.9	26.1
31	-	40	4,700	7.3	167.8	10.2	35.7
41	-	50	4,200	6.5	197.8	12.1	47.1
51	+		9,100	14.1	611.3	37.3	67.2
TOTAL TRADITIONAL			64,400	100.0	1639.1	100.0	25.5
COMMERCIAL							
1	-	50	60	15.8	1.8	3.5	30.0
51	-	100	185	48.7	14.0	27.1	75.7
101	-	200	55	14.5	8.3	16.1	150.9
201	+		80	21.1	27.6	53.4	345.0
TOTAL COMMERCIAL			380	100.0	51.7	100.0	136.1
TOTAL			64,780	-.-	1690.8	-.-	26.1

TABLE -34 GOAT HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR AND OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
----('000)----					
TRADITIONAL					
BAROLONG	2.0	9.1	2.3	2.9	16.3
NGWAKETSE SOUTH	6.6	20.8	5.8	6.3	39.5
NGWAKETSE NORTH	21.9	70.9	21.2	22.1	136.1
SOUTHERN REGION	30.5	100.8	29.3	31.3	191.9
BAMALETE	7.2	18.6	5.2	6.4	37.4
KWENENG SOUTH	16.4	53.6	21.3	25.7	117.0
KWENENG NORTH	6.9	22.2	8.1	8.6	45.8
KGATLENG	14.9	55.1	17.2	22.0	109.2
GABORONE REGION	45.4	149.5	51.8	62.7	309.4
MAHALAPYE EAST	13.1	53.2	12.8	15.9	95.0
MAHALAPYE WEST	10.5	38.3	11.8	12.8	73.4
PALAPYE	15.4	64.1	20.7	20.3	120.5
SEROWE	19.0	74.2	20.4	25.1	138.7
BOBONONG	21.4	92.8	21.4	22.5	157.9
CENTRAL REGION	79.4	322.4	87.1	96.6	585.5
TATI	14.0	63.3	18.4	19.8	115.5
TUTUME	20.6	55.9	22.6	25.7	124.8
FRANCISTOWN REGION	34.6	119.2	41.0	45.5	240.3
NGAMILAND WEST	12.6	34.8	11.7	11.4	70.5
NGAMILAND EAST	18.5	67.8	25.2	26.0	137.5
CHOBE	0.7	2.2	0.9	0.5	4.3
MAUN REGION	31.8	104.8	37.8	37.9	212.3
GHANZI	4.3	20.9	4.9	6.8	37.0
KGALAGADI	9.1	35.6	7.3	10.7	62.7
WESTERN REGION	13.4	56.5	12.2	17.6	99.7
TOTAL TRADITIONAL	235.1	853.2	259.2	291.6	1639.1
TOTAL COMMERCIAL	6.5	27.0	7.2	11.0	51.7
TOTAL	241.6	880.2	266.4	302.6	1690.8

TABLE -35 GOAT HERD COMPOSITION : PERCENTAGE OF OF MALES ONE YEAR & OVER, FEMALES ONE YEAR AND OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-----PERCENTAGE-----					
TRADITIONAL					

BAROLONG	12.3	55.8	14.1	17.8	100.0
NGWAKETSE SOUTH	16.7	52.7	14.7	15.9	100.0
NGWAKETSE NORTH	16.1	52.1	15.6	16.2	100.0
SOUTHERN REGION	15.9	52.5	15.3	16.3	100.0
BAMALETE	19.3	49.7	13.9	17.1	100.0
KWENENG SOUTH	14.0	45.8	18.2	22.0	100.0
KWENENG NORTH	15.1	48.5	17.7	18.8	100.0
KGATLENG	13.6	50.5	15.8	20.1	100.0
GABORONE REGION	14.7	48.3	16.7	20.3	100.0
MAHALAPYE EAST	13.8	56.0	13.5	16.7	100.0
MAHALAPYE WEST	14.3	52.2	16.1	17.4	100.0
PALAPYE	12.8	53.2	17.2	16.8	100.0
SEROWE	13.7	53.5	14.7	18.1	100.0
BOBONONG	13.6	58.6	13.6	14.2	100.0
CENTRAL REGION	13.6	55.1	14.9	16.5	100.0
TATI	12.1	54.8	15.9	17.1	100.0
TUTUME	16.5	44.8	18.1	20.6	100.0
FRANCISTOWN REGION	14.4	49.6	17.1	18.9	100.0
NGAMILAND WEST	17.9	49.4	16.6	16.2	100.0
NGAMILAND EAST	13.5	49.3	18.3	18.9	100.0
CHOBE	16.3	51.2	20.9	11.6	100.0
MAUN REGION	15.0	49.4	17.8	17.9	100.0
GHANZI	11.6	56.5	13.2	18.6	100.0
KGALAGADI	14.5	56.8	11.6	17.1	100.0
WESTERN REGION	13.4	56.7	12.2	17.7	100.0
TOTAL TRADITIONAL	14.3	52.1	15.8	17.8	100.0
TOTAL COMMERCIAL	12.6	52.2	13.9	21.3	100.0
TOTAL	14.3	52.1	15.8	17.9	100.0

TABLE -36 GOAT HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR AND OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

FLOCK SIZE			MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-----('000)-----							
TRADITIONAL							
1	-	5	2.1	16.7	4.1	4.5	27.4
6	-	10	13.5	52.0	15.1	17.2	97.8
11	-	15	18.6	60.3	17.7	21.7	118.3
16	-	20	19.0	70.7	24.2	28.1	142
21	-	30	45.6	144.6	42.1	44.4	276.7
31	-	40	25.1	88.2	24.7	29.8	167.8
41	-	50	27.7	101.2	29.7	39.2	197.8
51	+		83.5	319.5	101.6	106.7	611.3
TOTAL TRADITIONAL			235.1	853.2	259.2	291.6	1639.1
COMMERCIAL							
1	-	50	0.3	0.9	0.2	0.4	1.8
51	-	100	2.2	7.4	2.1	2.3	14
101	-	200	1.3	4.4	1.1	1.5	8.3
201	+		2.7	14.3	3.8	6.8	27.6
TOTAL COMMERCIAL			6.5	27.0	7.2	11.0	51.7
TOTAL			241.6	880.2	266.4	302.6	1690.8

TABLE -37 GOAT HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR AND OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

FLOCK SIZE			MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
----- PERCENTAGE-----							
TRADITIONAL							
1	-	5	7.7	60.9	15.0	16.4	100.0
6	-	10	13.8	53.2	15.4	17.6	100.0
11	-	15	15.7	51.0	15.0	18.3	100.0
16	-	20	13.4	49.8	17.0	19.8	100.0
21	-	30	16.5	52.3	15.2	16.0	100.0
31	-	40	15.0	52.6	14.7	17.8	100.0
41	-	50	14.0	51.2	15.0	19.8	100.0
51	+		13.7	52.3	16.6	17.5	100.0
TOTAL TRADITIONAL			14.3	52.1	15.8	17.8	100.0
COMMERCIAL							
1	-	50	16.7	50.0	11.1	22.2	100.0
51	-	100	15.7	52.9	15.0	16.4	100.0
101	-	200	15.7	53.0	13.3	18.1	100.0
201	+		9.8	51.8	13.8	24.6	100.0
TOTAL COMMERCIAL			12.6	52.2	13.9	21.3	100.0
TOTAL			14.3	52.1	15.8	17.9	100.0

TABLE -38 GOATS INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER AND PURCHASES
BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER ('000)-					
TRADITIONAL					

BAROLONG	7.6	4.4	0.6	1.3	0.2
NGWAKETSE SOUTH	16.5	7.1	1.0	2.6	0.3
NGWAKETSE NORTH	62.8	25.3	6.3	7.8	1.4
SOUTHERN REGION	86.9	36.8	7.9	11.7	1.9
BAMALETE	15.7	7.7	1.9	2.3	0.6
KWENENG SOUTH	53.4	24.1	5.0	8.8	3.6
KWENENG NORTH	19.3	6.3	1.6	2.9	0.4
KGATLENG	44.2	11.4	4.4	4.5	2.0
GABORONE REGION	132.6	49.5	12.9	18.5	6.6
MAHALAPYE EAST	36.4	17.0	4.5	6.7	2.8
MAHALAPYE WEST	32.0	15.4	3.6	4.6	0.8
PALAPYE	51.1	20.0	4.2	7.8	2.4
SEROWE	60.9	25.9	6.7	9.2	1.8
BOBONONG	70.3	35.0	7.3	10.2	1.9
CENTRAL REGION	250.7	113.3	26.3	38.5	9.7
TATI	48.0	24.2	3.2	7.0	2.5
TUTUME	56.7	23.5	4.9	8.1	1.5
FRANCISTOWN REGION	104.7	47.7	8.1	15.1	4.0
NGAMILAND WEST	31.7	18.0	2.4	5.7	0.9
NGAMILAND EAST	59.6	39.8	5.7	8.4	2.1
CHOBE	1.9	1.3	0.1	0.3	0.2
MAUN REGION	93.2	59.1	8.2	14.4	3.2
GHANZI	14.1	6.5	1.6	2.7	0.5
KGALAGADI	20.4	9.4	2.1	5.6	0.7
WESTERN REGION	34.5	15.9	3.7	8.3	1.2
TOTAL TRADITIONAL	702.6	322.3	67.1	106.5	26.6
TOTAL COMMERCIAL	23.2	6.9	5.4	4.2	1.7
TOTAL	725.8	329.2	72.5	110.7	28.3

TABLE-39 GOATS INVENTORY * : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
TO TOTAL GOATS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
-PERCENTAGE-					
TRADITIONAL					

BAROLONG	51.9	30.0	4.1	8.9	1.4
NGWAKETSE SOUTH	44.1	19.0	2.7	7.0	0.8
NGWAKETSE NORTH	48.6	19.6	4.9	6.0	1.1
SOUTHERN REGION	47.9	20.3	4.4	6.4	1.0
BAMALETE	44.4	21.8	5.4	6.5	1.7
KWENENG SOUTH	48.0	21.7	4.5	7.9	3.2
KWENENG NORTH	44.7	14.6	3.7	6.7	0.9
KGATLENG	42.4	10.9	4.2	4.3	1.9
GABORONE REGION	45.1	16.8	4.4	6.3	2.2
MAHALAPYE EAST	40.1	18.7	5.0	7.4	3.1
MAHALAPYE WEST	44.0	21.2	4.9	6.3	1.1
PALAPYE	47.3	18.5	3.9	7.2	2.2
SEROWE	43.5	18.5	4.8	6.6	1.3
BOBONONG	51.6	25.7	5.4	7.5	1.4
CENTRAL REGION	45.8	20.7	4.8	7.0	1.8
TATI	44.8	22.6	3.0	6.5	2.3
TUTUME	48.2	20.0	4.2	6.9	1.3
FRANCISTOWN REGION	46.6	21.2	3.6	6.7	1.8
NGAMILAND WEST	47.7	27.1	3.6	8.6	1.4
NGAMILAND EAST	46.8	31.2	4.5	6.6	1.6
CHOBE	46.9	32.1	2.5	7.4	4.9
MAUN REGION	47.1	29.9	4.1	7.3	1.6
Ghanzi	40.8	18.8	3.8	7.8	1.4
Kgalagadi	37.8	17.4	3.9	10.4	1.3
WESTERN REGION	39.0	18.0	3.8	9.4	1.4
TOTAL TRADITIONAL	45.8	21.0	4.4	6.9	1.7
TOTAL COMMERCIAL	50.1	22.2	11.7	9.1	3.7
TOTAL	45.9	21.0	4.6	7.0	1.8

*BASED ON MID-YEAR POPULATION

TABLE -40 GOATS INVENTORY : BIRTHS,DEATHS,SALES,HOME SLAUGHTER & PURCHASES
BY SIZE OF GOAT HOLDING

FLOCK SIZE			BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER('000)-				
TRADITIONAL							
	0		0.0	0.6	0.0	0.3	0.0
1	-	5	13.5	13.8	0.7	2.9	4.0
6	-	10	49.1	33.7	1.4	7.9	5.9
11	-	15	51.8	25.6	2.2	10.2	3.8
16	-	20	66.0	30.9	3.5	8.6	2.4
21	-	30	122.8	55.9	6.9	17.6	2.9
31	-	40	74.5	28.9	4.2	9.9	1.5
41	-	50	80.1	34.9	3.6	10.3	2.0
51	+		244.8	98.0	44.6	38.8	4.1
TOTAL TRADITIONAL			702.6	322.3	67.1	106.5	26.6
COMMERCIAL							
	0		0.0	0.1	0.2	0.1	0.0
1	-	50	0.7	0.5	0.1	0.2	0.1
51	-	100	7.0	1.9	0.8	0.6	0.2
101	-	200	3.8	1.2	0.6	0.8	0.5
201	+		11.7	3.2	3.7	2.5	0.9
TOTAL COMMERCIAL			23.2	6.9	5.4	4.2	1.7
TOTAL			725.8	329.2	72.5	110.7	28.3

TABLE-41 GOATS INVENTORY * : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
TO TOTAL GOATS BY SIZE OF GOAT HOLDING

FLOCK SIZE		RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
TRADITIONAL		-PERCENTAGE-				
1	- 5	45.4	46.4	2.4	9.7	13.4
6	- 10	50.9	34.9	1.5	8.2	6.1
11	- 15	40.4	20.0	1.7	8.0	3.0
16	- 20	44.9	21.0	2.4	5.9	1.6
21	- 30	46.6	21.2	2.6	6.7	1.1
31	- 40	46.5	18.0	2.6	6.2	0.9
41	- 50	48.3	21.0	2.2	6.2	1.2
51	+	45.1	18.1	8.2	7.1	0.8
TOTAL TRADITIONAL		45.8	21.0	4.4	6.9	1.7
COMMERCIAL						
1	- 50	25.9	18.5	3.7	7.4	3.7
51	- 100	65.1	17.7	7.4	5.6	1.9
101	- 200	37.6	11.9	5.9	7.9	5.0
201	+	51.3	14.0	16.2	11.0	3.9
TOTAL COMMERCIAL		50.1	14.9	11.7	9.1	3.7
TOTAL		45.9	20.8	4.6	7.0	1.8

Adjusted in-respect to net migration

TABLE-42 SHEEP: FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	SHEEP		TOTAL		AVERAGE SIZE NUMBER
	NUMBER	FARMS PERCENTAGE	NUMBER ('000)	SHEEP PERCENTAGE	
TRADITIONAL					
BAROLONG	500	3.3	7.0	2.7	14.0
NGWAKETSE SOUTH	1100	7.2	21.1	8.1	19.2
NGWAKETSE NORTH	2000	13.1	27.8	10.7	13.9
SOUTHERN REGION	3600	23.6	55.9	21.6	15.5
BAMALETE	300	2.0	1.0	0.4	3.3
KWENENG SOUTH	1700	11.1	17.5	6.8	10.3
KWENENG NORTH	300	2.0	2.3	0.9	7.7
KGATLENG	600	3.9	4.9	1.9	8.2
GABORONE REGION	2900	19.0	25.7	9.9	8.9
MAHALAPYE EAST	900	5.9	13.9	5.4	15.4
MAHALAPYE WEST	800	5.2	16.2	6.3	20.3
PALAPYE	800	5.2	8.3	3.2	10.4
SEROWE	800	5.2	17.2	6.6	21.5
BOBONONG	1700	11.1	19.2	7.4	11.3
CENTRAL REGION	5000	32.8	74.8	28.9	15.0
TATI	1400	9.2	17.0	6.6	12.1
TUTUME	600	3.9	7.7	3.0	12.8
FRANCISTOWN REGION	2000	13.1	24.7	9.5	12.4
NGAMILAND WEST	300	2.0	8.0	3.1	26.7
NGAMILAND EAST	300	2.0	6.9	2.7	23.0
CHOBE	50	0.3	0.3	0.1	6.0
MAUN REGION	650	4.3	15.2	5.9	23.4
GHANZI	200	1.3	5.6	2.2	28.0
KGALAGADI	600	3.9	16.5	6.4	27.5
WESTERN REGION	800	5.2	22.1	8.5	27.8
TOTAL TRADITIONAL	14950	98.0	218.4	84.4	14.6
TOTAL COMMERCIAL	300	2.0	40.5	15.6	135.0
TOTAL	15250	100	258.9	100.0	17.0

TABLE-43 SHEEP: FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF SHEEP HOLDING

FLOCK SIZE			SHEEP FARMS		TOTAL SHEEP		AVERAGE SIZE NUMBER
			-----		-----		
			NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	
					(' 000)		
TRADITIONAL							

1	-	5	5300	35.5	16.4	7.5	3.1
6	-	10	2750	18.4	22.3	10.2	8.1
11	-	20	3600	24.1	55.1	25.2	15.3
21	-	30	1050	7.0	26.3	12.0	25.0
31	+		2250	15.1	98.3	45.0	43.7
TOTAL TRADITIONAL			14950	100.0	218.4	100.0	14.6
COMMERCIAL							

1	-	50	70	23.3	1.9	4.7	27.1
51	-	100	110	36.7	7.9	19.5	71.8
101	-	200	45	15.0	7.1	17.5	157.8
201	+		75	25.0	23.6	58.3	314.7
TOTAL COMMERCIAL			300	100.0	40.5	100.0	135.0
TOTAL			15250	-.-	258.9	-.-	17.0

TABLE -44 SHEEP HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
--- ('000)----					
TRADITIONAL					

BAROLONG	0.7	4.0	1.0	1.3	7.0
NGWAKETSE SOUTH	4.4	11.2	2.4	3.1	21.1
NGWAKETSE NORTH	4.0	14.6	3.5	5.7	27.8
SOUTHERN REGION	9.1	29.8	6.9	10.1	55.9
BAMALETE	0.2	0.5	0.1	0.2	1.0
KWENENG SOUTH	4.2	9.1	2.0	2.2	17.5
KWENENG NORTH	0.3	1.3	0.4	0.3	2.3
KGATLENG	1.2	2.5	0.5	0.7	4.9
GABORONE REGION	5.9	13.4	3.0	3.4	25.7
MAHALAPYE EAST	1.7	7.9	2.4	1.9	13.9
MAHALAPYE WEST	2.9	9.4	1.6	2.3	16.2
PALAPYE	1.4	4.4	1.1	1.4	8.3
SEROWE	2.6	8.8	2.8	3.0	17.2
BOBONONG	4.7	10.0	1.8	2.7	19.2
CENTRAL REGION	13.3	40.5	9.7	11.3	74.8
TATI	3.3	10.0	1.7	2.0	17.0
TUTUME	1.9	3.7	1.0	1.1	7.7
FRANCISTOWN REGION	5.2	13.7	2.7	3.1	24.7
NGAMILAND WEST	2.0	3.9	1.2	0.9	8.0
NGAMILAND EAST	0.8	4.3	1.0	0.8	6.9
CHOBE	0.1	0.1		0.1	0.3
MAUN REGION	2.9	8.3	2.2	1.8	15.2
Ghanzi	1.1	2.8	0.4	1.3	5.6
KGALAGADI	2.0	9.5	2.3	2.7	16.5
WESTERN REGION	3.1	12.3	2.7	4.0	22.1
TOTAL TRADITIONAL	39.5	118.0	27.2	33.7	218.4
TOTAL COMMERCIAL	4.6	23.1	5.9	6.9	40.5
TOTAL	44.1	141.1	33.1	40.6	258.9

TABLE -45 SHEEP HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
---PERCENTAGE---					
TRADITIONAL					

BAROLONG	10.0	57.1	14.3	18.6	100.0
NGWAKETSE SOUTH	20.9	53.1	11.4	14.7	100.0
NGWAKETSE NORTH	14.4	52.5	12.6	20.5	100.0
SOUTHERN REGION	16.3	53.3	12.3	18.1	100.0
BAMALETE	20.0	50.0	10.0	20.0	100.0
KWENENG SOUTH	24.0	52.0	11.4	12.6	100.0
KWENENG NORTH	13.0	56.5	17.4	13.0	100.0
KGATLENG	24.5	51.0	10.2	14.3	100.0
GABORONE REGION	23.0	52.1	11.7	13.2	100.0
MAHALAPYE EAST	12.2	56.8	17.3	13.7	100.0
MAHALAPYE WEST	17.9	58.0	9.9	14.2	100.0
PALAPYE	16.9	53.0	13.3	16.9	100.0
SEROWE	15.1	51.2	16.3	17.4	100.0
BOBONONG	24.5	52.1	9.4	14.1	100.0
CENTRAL REGION	17.8	54.1	13.0	15.1	100.0
TATI	19.4	58.8	10.0	11.8	100.0
TUTUME	24.7	48.1	13.0	14.3	100.0
FRANCISTOWN REGION	21.1	55.5	10.9	12.6	100.0
NGAMILAND WEST	25.0	48.8	15.0	11.3	100.0
NGAMILAND EAST	11.6	62.3	14.5	11.6	100.0
CHOBE	33.3	33.3	ERR	33.3	100.0
MAUN REGION	19.1	54.6	14.5	11.8	100.0
GHANZI	19.6	50.0	7.1	23.2	100.0
KGALAGADI	12.1	57.6	13.9	16.4	100.0
WESTERN REGION	14.0	55.7	12.2	18.1	100.0
TOTAL TRADITIONAL	18.1	54.0	12.5	15.4	100.0
TOTAL COMMERCIAL	11.4	57.0	14.6	17.0	100.0
TOTAL	17.0	54.5	12.8	15.7	100.0

TABLE -46 SHEEP HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL SHEEP
----('000)----					
TRADITIONAL					
1 - 5	3.1	10.1	1.4	1.8	16.4
6 - 10	4.4	11.6	3.0	3.3	22.3
11 - 20	10.8	27.8	7.3	9.2	55.1
21 - 30	4.4	12.9	3.9	5.1	26.3
31 +	16.8	55.6	11.6	14.3	98.3
TOTAL TRADITIONAL	39.5	118.0	27.2	33.7	218.4
COMMERCIAL					
1 - 50	0.3	1.0	0.2	0.4	1.9
51 - 100	1.0	4.3	1.2	1.4	7.9
101 - 200	1.0	3.6	1.0	1.5	7.1
201 +	2.3	14.2	3.5	3.6	23.6
TOTAL COMMERCIAL	4.6	23.1	5.9	6.9	40.5
TOTAL	44.1	141.1	33.1	40.6	258.9

TABLE -47 SHEEP HERD COMPOSITION : RATIO OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL SHEEP
-----PERCENTAGE-----					
TRADITIONAL					
1 - 5	18.9	61.6	8.5	11.0	100.0
6 - 10	19.7	52.0	13.5	14.8	100.0
11 - 20	19.6	50.5	13.2	16.7	100.0
21 - 30	16.7	49.0	14.8	19.4	100.0
31 +	17.1	56.6	11.8	14.5	100.0
TOTAL TRADITIONAL	18.1	54.0	12.5	15.4	100.0
COMMERCIAL					
1 - 50	15.8	52.6	10.5	21.1	100.0
51 - 100	12.7	54.4	15.2	17.7	100.0
101 - 200	14.1	50.7	14.1	21.1	100.0
201 +	9.7	60.2	14.8	15.3	100.0
TOTAL COMMERCIAL	11.4	57.0	14.6	17.0	100.0
TOTAL	17.0	54.5	12.8	15.7	100.0

TABLE -48 SHEEP INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER AND PURCHASES
BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME PURCHASES SLAUGHTER	
	-NUMBER ('000) -				
TRADITIONAL					

BAROLONG	2.8	1.4	0.3	0.3	0.1
NGWAKETSE SOUTH	7.4	4.2	1.5	0.7	0.1
NGWAKETSE NORTH	7.9	4.1	1.3	0.8	0.2
SOUTHERN REGION	18.1	9.7	3.1	1.8	0.4
BAMALETE	0.4	0.2	0.1	0.2	0.0
KWENENG SOUTH	5.6	3.3	1.0	0.8	1.3
KWENENG NORTH	0.8	0.3	0.1	0.1	0.1
KGATLENG	1.4	0.7	0.2	0.2	0.1
GABORONE REGION	8.2	4.5	1.4	1.3	1.5
MAHALAPYE EAST	5.6	2.2	0.5	0.6	0.2
MAHALAPYE WEST	5.9	1.4	0.6	0.4	0.2
PALAPYE	2.9	1.3	0.3	0.2	0.1
SEROWE	6.0	3.7	0.6	0.7	0.9
BOBONONG	6.5	4.6	0.9	0.7	0.2
CENTRAL REGION	26.9	13.2	2.9	2.6	1.6
TATI	5.5	4.0	1.2	0.8	0.4
TUTUME	3.2	2.0	0.4	0.3	0.2
FRANCISTOWN REGION	8.7	6.0	1.6	1.1	0.6
NGAMILAND WEST	3.4	2.3	0.5	0.6	0.1
NGAMILAND EAST	2.9	2.7	0.6	0.2	0.0
CHOBE	0.1	0.1	0.0	0.0	0.0
MAUN REGION	6.4	5.1	1.1	0.8	0.1
Ghanzi	1.8	1.3	0.3	0.2	0.1
Kgalagadi	5.8	3.8	0.9	1.9	0.3
WESTERN REGION	7.6	5.1	1.2	2.1	0.4
TOTAL TRADITIONAL	75.9	43.6	11.3	9.7	4.6
TOTAL COMMERCIAL	13.9	5.3	8.0	3.5	3.7
TOTAL	89.8	48.9	19.3	13.2	8.3

TABLE-49 SHEEP INVENTORY * : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
TO TOTAL SHEEP BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TO TOTAL SHEEP	RATIO OF PURCHASES TO TOTAL SHEEP
-PERCENTAGE-					
TRADITIONAL					

BAROLONG	41.2	20.6	4.4	4.4	1.5
NGWAKETSE SOUTH	38.0	21.6	7.7	3.6	0.5
NGWAKETSE NORTH	32.1	16.7	5.3	3.3	0.8
SOUTHERN REGION	35.6	19.1	6.1	3.5	0.8
BAMALETE	50.0	25.0	12.5	25.0	0.0
KWENENG SOUTH	27.5	16.2	4.9	3.9	6.4
KWENENG NORTH	35.6	13.3	4.4	4.4	4.4
KGATLENG	29.2	14.6	4.2	4.2	2.1
GABORONE REGION	29.1	16.0	5.0	4.6	5.3
MAHALAPYE EAST	41.0	16.1	3.7	4.4	1.5
MAHALAPYE WEST	37.3	8.9	3.8	2.5	1.3
PALAPYE	36.0	16.1	3.7	2.5	1.2
SEROWE	33.2	20.5	3.3	3.9	5.0
BOBONONG	37.0	26.2	5.1	4.0	1.1
CENTRAL REGION	36.8	18.1	4.0	3.6	2.2
TATI	34.2	24.8	7.5	5.0	2.5
TUTUME	41.8	26.1	5.2	3.9	2.6
FRANCISTOWN REGION	36.6	25.3	6.7	4.6	2.5
NGAMILAND WEST	43.3	29.3	6.4	7.6	1.3
NGAMILAND EAST	43.3	40.3	9.0	3.0	0.0
CHOBE	33.3	33.3	0.0	0.0	0.0
MAUN REGION	43.1	34.3	7.4	5.4	0.7
GHANZI	40.0	28.9	6.7	4.4	2.2
KGALAGADI	36.0	23.6	5.6	11.8	1.9
WESTERN REGION	36.9	24.8	5.8	10.2	1.9
TOTAL TRADITIONAL	35.9	20.6	5.3	4.6	2.2
TOTAL COMMERCIAL	36.3	13.9	20.9	9.2	9.7
TOTAL	36.0	19.6	7.7	5.3	3.3

*Based on Mid Year Population

TABLE -50 SHEEP INVENTORY : BIRTHS,DEATHS,SALES,HOME SLAUGHTER & PURCHASES
BY SIZE OF SHEEP HOLDING

FLOCK SIZE			BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER('000)-				
TRADITIONAL							

	0		1.2	1.0	0.4	0.3	0.0
1	-	5	6.0	7.8	0.6	0.8	1.2
6	-	10	8.7	5.4	0.8	0.9	0.6
11	-	20	20.1	10.4	2.1	2.3	1.0
21	-	30	9.2	6.5	1.2	1.3	0.7
31	+		30.7	12.5	4.6	4.0	1.1
TOTAL TRADITIONAL			75.9	43.6	9.7	9.6	4.6
COMMERCIAL							

	0		0.0	0.0	0.6	0.1	0.0
1	-	50	0.6	0.2	0.3	0.4	0.3
51	-	100	3.1	1.8	1.0	0.6	0.7
101	-	200	2.5	1.2	1.2	0.6	0.8
201	+		7.7	3.1	4.9	1.6	1.9
TOTAL COMMERCIAL			13.9	6.3	8.0	3.3	3.7
TOTAL			89.8	49.9	17.7	12.9	8.3

TABLE-51 SHEEP INVENTORY * : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
TO TOTAL SHEEP BY SIZE OF SHEEP HOLDING

FLOCK SIZE			RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TOTAL SHEEP	RATIO OF PURCHASES TOTAL SHEEP
TRADITIONAL			-PERCENTAGE-				
1	-	5	36.8	47.9	3.7	4.9	7.4
6	-	10	36.0	22.4	3.3	3.7	2.5
11	-	20	38.1	19.7	4.0	4.4	1.9
21	-	30	35.2	24.9	4.6	5.0	2.7
31	+		33.4	13.6	5.0	4.3	1.2
TOTAL TRADITIONAL			35.9	20.6	4.6	4.5	2.2
COMMERCIAL							
1	-	50	25.0	8.3	12.5	16.7	12.5
51	-	100	49.2	28.6	15.9	9.5	11.1
101	-	200	33.3	16.0	16.0	8.0	10.7
201	+		34.9	14.1	22.2	7.3	8.6
TOTAL COMMERCIAL			36.3	16.5	20.9	8.6	9.7
TOTAL			36.0	20.0	7.1	5.2	3.3

*Adjusted in-respect to net migration

TABLE-52 DONKEYS : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	DONKEY	FARMS	TOTAL DONKEYS		AVERAGE SIZE NUMBER
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
TRADITIONAL					
BAROLONG	500	1.8	2.5	1.7	5.0
NGWAKETSE SOUTH	1900	7.0	12.2	8.2	6.4
NGWAKETSE NORTH	2100	7.8	10.0	6.8	4.8
SOUTHERN REGION	4500	16.6	24.7	16.7	5.5
BAMALETE	300	1.1	2.0	1.4	6.7
KWENENG SOUTH	2600	9.6	11.7	7.9	4.5
KWENENG NORTH	1000	3.7	4.7	3.2	4.7
KGATLENG	1100	4.1	7.5	5.1	6.8
GABORONE REGION	5000	18.5	25.9	17.5	5.2
MAHALAPYE EAST	1400	5.2	8.9	6.0	6.4
MAHALAPYE WEST	900	3.3	7.5	5.1	8.3
PALAPYE	2000	7.4	11.4	7.7	5.7
SEROWE	2100	7.8	10.5	7.1	5.0
BOBONONG	3300	12.2	21.7	14.7	6.6
CENTRAL REGION	9700	35.8	60.0	40.6	6.2
TATI	1200	4.4	6.1	4.1	5.1
TUTUME	1300	4.8	5.4	3.7	4.2
FRANCISTOWN REGION	2500	9.2	11.5	7.8	4.6
NGAMILAND WEST	1800	6.7	7.4	5.0	4.1
NGAMILAND EAST	1500	5.5	7.8	5.3	5.2
CHOBE	100	0.4	0.5	0.3	5.0
MAUN REGION	3400	12.6	15.7	10.6	4.6
GHANZI	700	2.6	3.2	2.2	4.6
KGALAGADI	1100	4.1	4.9	3.3	4.5
WESTERN REGION	1800	6.7	8.1	5.5	4.5
TOTAL TRADITIONAL	26900	99.4	145.9	98.6	5.4
TOTAL CORMERCIAL	160	0.6	2.0	1.4	12.5
TOTAL	27060	100	147.9	100.0	5.5

TABLE-53 DONKEYS: FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF DONKEY HOLDING

HERD SIZE			DONKEY FARMS		TOTAL DONKEYS		AVERAGE SIZE NUMBER
			NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
TRADITIONAL							
1	-	5	17700	85.8	54.9	37.6	3.1
6	-	10	7000	26.0	52.5	36.0	7.5
11	-	15	1800	5.9	20.4	14.0	12.8
16	+		600	2.2	18.1	12.4	30.2
TOTAL TRADITIONAL			26900	100.0	145.9	100.0	5.4

TABLE-54 CHICKENS : FARMS, BIRDS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE NUMBER
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
TRADITIONAL					
BAROLONG	1400	1.9	14.3	0.8	10.2
NGWAKETSE SOUTH	2900	4.0	34.6	1.9	11.9
NGWAKETSE NORTH	7500	10.3	91.5	5.1	12.2
SOUTHERN REGION	11800	16.1	140.4	7.8	11.9
BAMALETE	2400	3.3	30.5	1.7	12.7
KWENENG SOUTH	7000	9.6	101.5	5.6	14.5
KWENENG NORTH	2500	3.4	39.2	2.2	15.7
KGATLENG	5000	6.8	95.5	5.3	19.1
GABORONE REGION	16900	23.1	266.7	14.7	15.8
MAHALAPYE EAST	4000	5.5	51.2	2.8	12.8
MAHALAPYE WEST	3200	4.4	41.6	2.3	13.0
PALAPYE	5200	7.1	61.9	3.4	11.9
SEROWE	5800	7.9	71.3	3.9	12.3
BOBONONG	5300	7.3	84.8	4.7	16.0
CENTRAL REGION	23500	32.1	310.8	17.2	13.2
TATI	6000	8.2	106.2	5.9	17.7
TUTUME	5600	7.7	87.9	4.9	15.7
FRANCISTOWN REGION	11600	15.9	194.1	10.7	16.7
NGAMILAND WEST	2800	3.8	28.6	1.6	10.2
NGAMILAND EAST	2400	3.3	24.5	1.4	10.2
CHOBE	1500	2.1	18.4	1.0	12.3
MAUN REGION	6700	9.2	71.5	4.0	10.7
GHANZI	900	1.2	9.8	0.5	10.9
KGALAGADI	1400	1.9	16.5	0.9	11.8
WESTERN REGION	2300	3.1	26.3	1.5	11.4
TOTAL TRADITIONAL	72800	99.6	1009.8	55.8	13.9
TOTAL CORMERCIAL	300	0.4	800.0	44.2	2666.7
TOTAL	73100	100.0	1809.8	100.0	24.8

TABLE-55 CHICKENS: FARMS, BIRDS AND AVERAGE SIZE BY SIZE OF CHICKEN HOLDING

FLOCK SIZE			CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE NUMBER
			NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	
TRADITIONAL			('000)				
1	-	5	17900	24.6	60.9	6.0	3.4
6	-	10	21800	29.9	183.1	18.1	8.4
11	-	15	12800	17.6	169.0	16.7	13.2
16	-	20	8500	11.7	158.1	15.7	18.6
21	-	25	3800	5.2	89.7	8.9	23.6
26	-	30	3500	4.8	100.0	9.9	28.6
31	+		4500	6.2	249.0	24.7	55.3
TOTAL TRADITIONAL			72800	100.0	1009.8	100.0	13.9
COMMERCIAL							
1	-	50	130	43.3	3.9	0.5	30.0
51	-	100	70	23.3	5.7	0.7	81.4
101	+		100	33.3	790.4	98.8	7904.0
TOTAL COMMERCIAL			300	100.0	800	100.0	2666.7
TOTAL			73100	-.-	1809.8	-.-	24.8

TABLE-56 HORSES : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	HORSES	FARMS	TOTAL HORSES		AVERAGE SIZE NUMBER
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	
TRADITIONAL					
BAROLONG	50	0.8	0.2	0.7	4.0
NGWAKETSE SOUTH	150	2.3	0.5	1.7	3.3
NGWAKETSE NORTH	650	10.0	2.2	7.7	3.4
SOUTHERN REGION	850	13.1	2.9	10.1	3.4
BAMALETE	50	0.8	0.1	0.3	2.0
KWENENG SOUTH	400	6.2	0.8	2.8	2.0
KWENENG NORTH	100	1.5	0.2	0.7	2.0
KGATLENG	200	3.1	0.3	1.0	1.5
GABORONE REGION	750	11.5	1.4	4.9	1.9
MAHALAPYE EAST	100	1.5	0.4	1.4	4.0
MAHALAPYE WEST	50	0.8	0.3	1.0	6.0
PALAPYE	100	1.5	0.3	1.0	3.0
SEROWE	200	3.1	1.1	3.8	5.5
BOBONONG	400	6.2	1.2	4.2	3.0
CENTRAL REGION	850	13.1	3.3	11.5	3.9
TATI	50	0.8	0.1	0.3	2.0
TUTUME	300	4.6	1.0	3.5	3.3
FRANCISTOWN REGION	350	5.4	1.1	3.8	3.1
NGAMILAND WEST	1000	15.4	2.8	9.8	2.8
NGAMILAND EAST	1200	18.5	6.0	21.0	5.0
CHOBE	0	0.0	0.0	0.0	0.0
MAUN REGION	2200	33.8	8.8	30.8	4.0
GHANZI	550	8.5	3.2	11.2	5.8
KGALAGADI	700	10.8	2.9	10.1	4.1
WESTERN REGION	1250	19.2	6.1	21.3	4.9
TOTAL TRADITIONAL	6250	96.2	23.6	82.5	3.8
TOTAL CORMERCIAL	250	3.8	5.0	17.5	20.0
TOTAL	6500	100.0	28.6	100.0	4.4

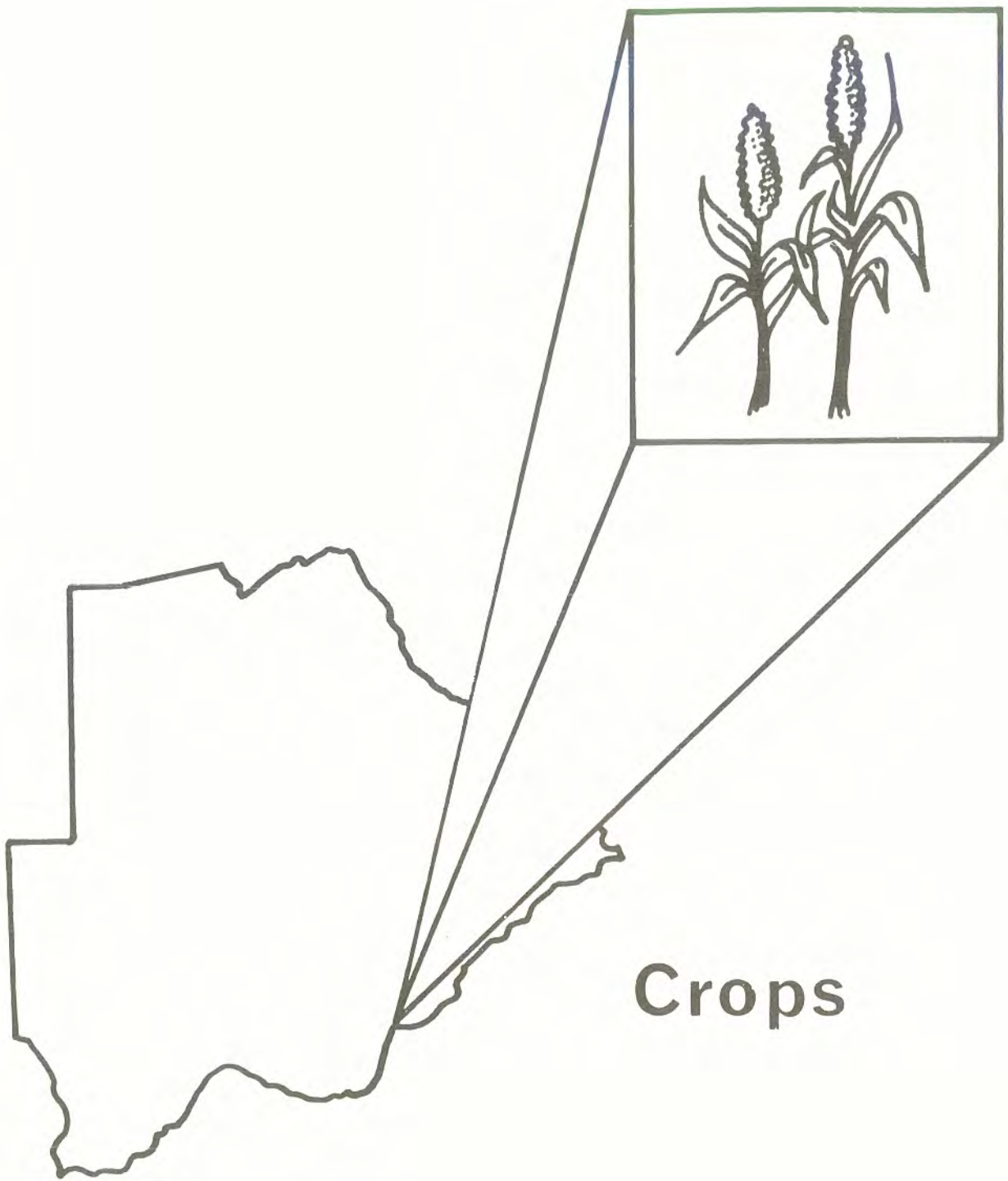


TABLE -57 TOTAL LAND: FARMS, AREA, LAND AREA PER FARM, LAND HOLDING, AVERAGE SIZE OF LAND HOLDING, FIELDS, AVERAGE SIZE OF FIELD BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS WITH LAND	AREA HECTARES ('000)	LAND AREA PER FARM HECTARES	LAND HOLDINGS NUMBER ('000)	AVERAGE SIZE OF LAND HOLDINGS HECTARES	FIELDS NUMBER ('000)	AVERAGE SIZE OF FIELDS HECTARES
TRADITIONAL							

BAROLONG	1,200	10.5	8.8	1.4	7.5	1.7	6.2
NGWAKETSE SOUTH	2,800	22.2	7.9	3.4	6.5	3.8	5.8
NGWAKETSE NORTH	6,500	31.3	4.8	7.3	4.3	9.5	3.3
SOUTHERN REGION	10,500	64.0	6.1	12.1	5.3	15.0	4.3
BAMALETE	2,300	8.1	3.5	2.5	3.2	3.0	2.7
KWENENG SOUTH	6,400	48.5	7.6	6.6	7.3	6.9	7.0
KWENENG NORTH	2,700	17.2	6.4	3.0	5.7	4.2	4.1
KGATLENG	4,700	34.0	7.2	5.4	6.3	5.9	5.8
GABORONE REGION	16,100	107.8	6.7	17.5	6.2	20.0	5.4
MAHALAPYE EAST	3,800	28.6	7.5	3.8	7.5	4.5	6.4
MAHALAPYE WEST	3,100	17.0	5.5	3.3	5.2	4.1	4.1
PALAPYE	4,100	22.2	5.4	4.2	5.3	4.6	4.8
SEROWE	4,800	18.6	3.9	4.9	3.8	6.0	3.1
BOBONONG	5,800	32.2	5.6	6.0	5.4	8.0	4.0
CENTRAL REGION	21,600	118.6	5.5	22.2	5.3	27.2	4.4
TATI	5,000	26.1	5.2	6.2	4.2	10.2	2.6
TUTUME	5,500	29.2	5.3	5.9	4.9	10.5	2.8
FRANCISTOWN REGION	10,500	55.3	5.3	12.1	4.6	20.7	2.7
NGAMILAND WEST	3,200	9.8	3.1	3.2	3.1	2.8	3.5
NGAMILAND EAST	3,000	6.5	2.2	3.2	2.0	3.2	2.0
CHOBE	1,200	4.2	3.5	1.2	3.5	1.6	2.6
MAUH REGION	7,400	20.5	2.8	7.6	2.7	7.6	2.7
GHANZI	400	1.2	3.0	0.4	3.0	0.5	2.4
KGALAGADI	800	3.4	4.3	0.9	3.8	0.9	3.8
WESTERN REGION	1,200	4.6	3.8	1.3	3.5	1.4	3.3
TOTAL TRADITIONAL	67,300	370.8	5.5	72.8	5.1	91.9	4.0
TOTAL COMMERCIAL	220	71.5	325.0	2/	2/	2/	2/
TOTAL	67,520	442.3	6.6	2/	2/	2/	2/

TABLE- 58 CROP LAND(PLANTED) : FARMS, RATIO OF CROP FARMS TO FARMS WITH LAND, AREA PLANTED, RATIO OF LAND PLANTED TO TOTAL LAND, AREA PLANTED PER FARM, FIELDS PLANTED & AVERAGE SIZE OF FIELDS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CROP FARMS	RATIO OF CROP FARMS TO FARMS LAND	TOTAL AREA PLANTED	RATIO OF LAND PLANTED TO TOTAL LAND	AREA PLANTED PER CROP FARM	FIELDS PLANTED	AVERAGE SIZE OF FIELDS PLANTED
	NUMBER	PERCENTAGE	HECTARES ('000)	PERCENTAGE	HECTARES	NUMBER ('000)	HECTARES
TRADITIONAL							

BAROLONG	1,200	100.0	9.6	91.4	8.0	1.5	6.4
NGWAKETSE SOUTH	2,300	82.1	21.7	97.7	9.4	3.7	5.9
NGWAKETSE NORTH	6,600	101.5	29.4	93.9	4.5	8.1	3.6
SOUTHERN REGION	10,100	96.2	60.7	94.8	6.0	13.3	4.6
BAMALETE	2,300	100.0	6.1	75.3	2.7	2.6	2.3
KWENENG SOUTH	6,100	95.3	45.0	92.8	7.4	7.2	6.3
KWENENG NORTH	2,400	88.9	16.3	94.8	6.8	2.9	5.6
KGATLENG	4,500	95.7	33.4	98.2	7.4	6.2	5.4
GABORONE REGION	15,300	95.0	100.8	93.5	6.6	18.9	5.3
MAHALAPYE EAST	3,500	92.1	25.7	89.9	7.3	4.1	6.3
MAHALAPYE WEST	2,800	90.3	15.2	89.4	5.4	2.8	5.4
PALAPYE	4,100	100.0	21.1	95.0	5.1	4.6	4.6
SEROWE	4,600	95.8	16.7	89.8	3.6	4.1	4.1
BOBONONG	5,200	89.7	25.8	80.1	5.0	6.1	4.2
CENTRAL REGION	20,200	93.5	104.5	88.1	5.2	21.7	4.8
TATI	4,500	90.0	20.4	78.2	4.5	5.5	3.7
TUTUME	5,400	98.2	23.9	81.8	4.4	6.9	3.5
FRANCISTOWN REGION	9,900	94.3	44.3	80.1	4.5	12.4	3.6
NGAMILAND WEST	3,100	96.9	7.4	75.5	2.4	3.2	2.3
NGAMILAND EAST	2,100	70.0	4.2	64.6	2.0	2.2	1.9
CHOBE	1,100	91.7	3.4	81.0	3.1	1.4	2.4
MAUN REGION	6,300	85.1	15.0	73.2	2.4	6.8	2.2
GHAZI	300	75.0	0.8	66.7	2.7	0.4	2.0
KGALAGADI	700	87.5	2.5	73.5	3.6	0.6	4.2
WESTERN REGION	1,000	83.3	3.3	71.7	3.3	1.0	3.3
TOTAL TRADITIONAL	62,800	93.3	328.6	88.6	5.2	74.1	4.4
TOTAL COMMERCIAL	170	77.3	39.3	55.0	231.2	0.7	56.1
TOTAL	62,970	93.3	367.9	83.2	5.8	74.8	4.9

TABLE -59 TOTAL LAND : FARMS, AREA AND LAND AREA PER FARM BY SIZE OF LAND HOLDING TRADITIONAL FARMS

HECTARAGE SIZE	FARMS WITH LAND		LAND AREA		LAND AREA PER FARM
TRADITIONAL	NUMBER	PERCENTAGES	HA('000)	PERCENTAGES	HECTARES
.1 - 1.0	4,400	6.5	2.6	0.7	0.6
1.1 - 2.0	7,800	11.6	11.7	3.2	1.5
2.1 - 3.0	10,900	16.2	27.3	7.4	2.5
3.1 - 4.0	9,700	14.4	34.0	9.2	3.5
4.1 - 5.0	8,700	12.9	38.3	10.3	4.4
5.1 - 6.0	5,100	7.6	28.0	7.6	5.5
6.1 - 7.0	4,100	6.1	26.7	7.2	6.5
7.1 - 8.0	4,900	7.3	36.8	9.9	7.5
8.1 - 9.0	2,300	3.4	19.6	5.3	8.5
9.1 - 10.0	2,100	3.1	19.7	5.3	9.4
10.0 - 15.0	4,900	7.3	57.8	15.6	11.8
15.0 +	2,400	3.6	68.3	18.4	28.5
TOTAL TRADITIONAL	67,300	100.0	370.8	100.0	5.5

TABLE -60 CROP LAND(PLANTED) : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF AREA PLANTED TRADITIONAL FARMS

HECTARAGE SIZE	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
TRADITIONAL	NUMBER	PERCENTAGES	HA('000)	PERCENTAGES	HECTARES
.1 - 1.0	4,200	6.7	2.5	0.8	0.6
1.1 - 2.0	8,000	12.7	12.0	3.7	1.5
2.1 - 3.0	10,200	16.2	25.5	7.8	2.5
3.1 - 4.0	8,400	13.4	29.4	8.9	3.5
4.1 - 5.0	8,200	13.1	36.1	11.0	4.4
5.1 - 6.0	5,000	8.0	27.5	8.4	5.5
6.1 - 7.0	3,800	6.1	24.7	7.5	6.5
7.1 - 8.0	4,100	6.5	30.8	9.4	7.5
8.1 - 9.0	2,200	3.5	18.7	5.7	8.5
9.1 - 10.0	2,100	3.3	19.7	6.0	9.4
10.0 - 15.0	4,100	6.5	48.4	14.7	11.8
15.0 +	2,500	4.0	53.3	16.2	21.3
TOTAL TRADITIONAL	62,800	100.0	328.6	100.0	5.2

FIGURE-13 CROP FARMS BY REGIONS

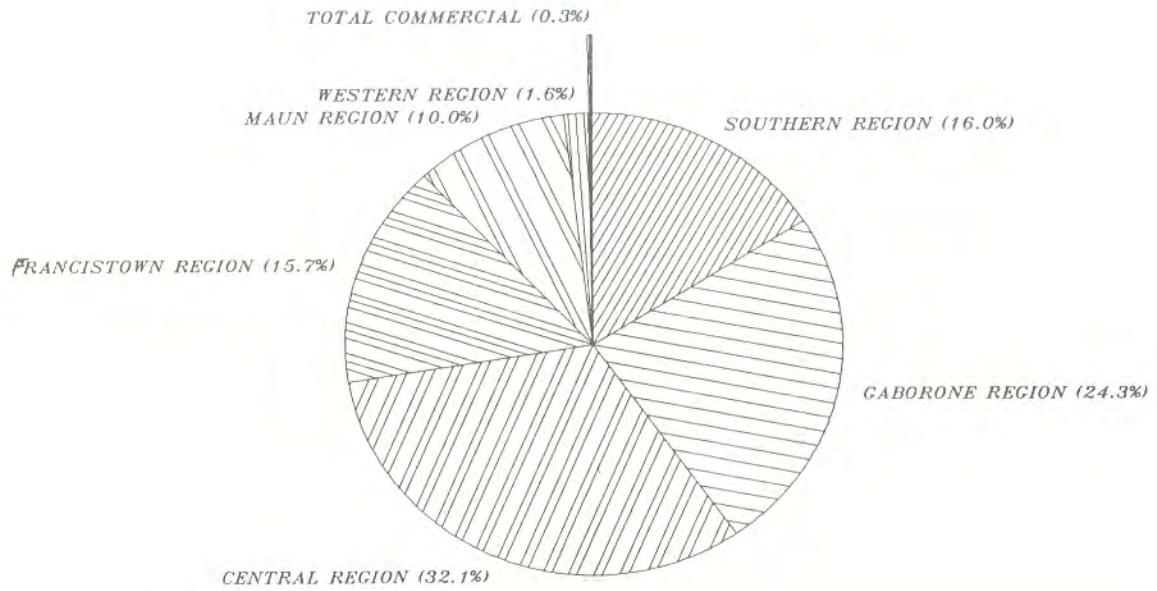


FIGURE-14 AREA PLANTED BY REGIONS

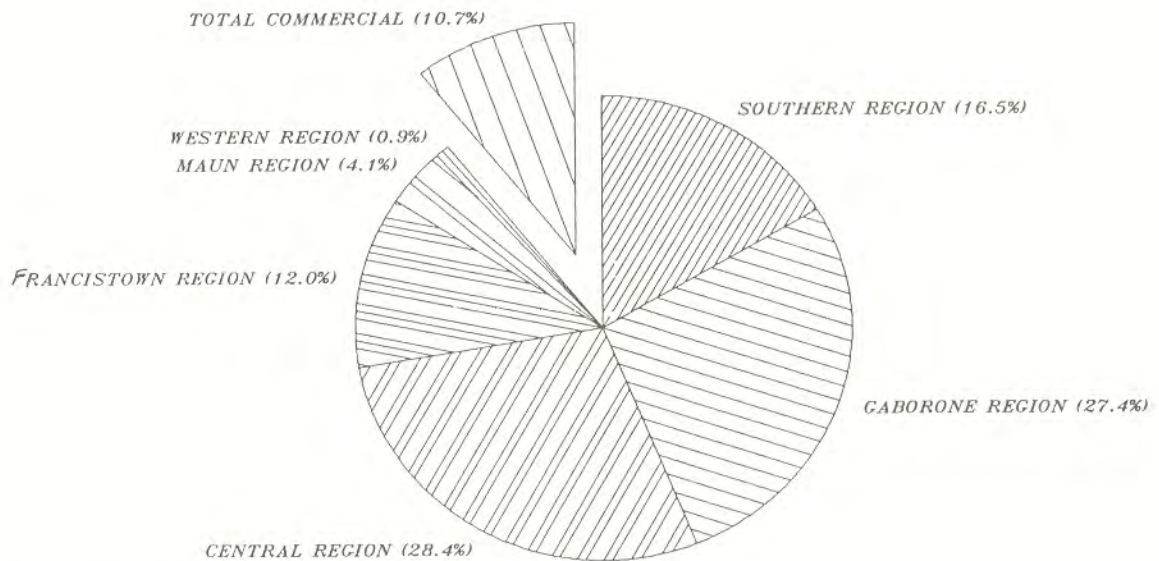


TABLE-61 HARVESTED LAND : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED	RATIO OF FARM HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	HECTARES ('000)	PERCENTAGE	HECTARES
TRADITIONAL					
BAROLONG	800	66.7	6.3	65.6	7.9
NGWAKETSE SOUTH	2,100	91.3	19.4	89.4	9.2
NGWAKETSE NORTH	5,000	75.8	22.4	76.2	4.5
SOUTHERN REGION	7,900	78.2	48.1	79.2	6.1
BAMALETE	2,100	91.3	4.9	80.3	2.3
KWENENG SOUTH	5,300	86.9	37.4	83.1	7.1
KWENENG NORTH	2,000	83.3	13.1	80.4	6.6
KGATLENG	4,300	95.6	29.7	88.9	6.9
GABORONE REGION	13,700	89.5	85.1	84.4	6.2
MAHALAPYE EAST	3,200	91.4	22.4	87.2	7.0
MAHALAPYE WEST	2,600	92.9	13.1	86.2	5.0
PALAPYE	3,800	92.7	17.8	84.4	4.7
SEROWE	3,900	84.8	14.7	88.0	3.8
BOBONONG	4,600	88.5	22.1	85.7	4.8
CENTRAL REGION	18,100	89.6	90.1	86.2	5.0
TATI	4,200	93.3	17.0	83.3	4.0
TUTUME	4,700	87.0	16.6	69.5	3.5
FRANCISTOWN REGION	8,900	89.9	33.6	75.8	3.8
NGAMILAND WEST	2,900	93.5	5.0	67.6	1.7
NGAMILAND EAST	1,400	66.7	2.9	69.0	2.1
CHOBE	1,000	90.9	2.6	79.4	2.7
MAUN REGION	5,300	84.1	10.6	70.7	2.0
GHANZI	100	33.3	0.3	37.5	3.0
KGALAGADI	200	28.6	1.4	56.0	7.0
WESTERN REGION	300	30.0	1.7	51.5	5.7
TOTAL TRADITIONAL	54,200	86.3	269.1	81.9	5.0
TOTAL COMMERCIAL	140	82.4	28.8	73.3	205.7
TOTAL	54,340	86.3	297.9	81.0	5.5

TABLE - 62 HARVESTED LAND : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF AREA PLANTED

HECTARAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
TRADITIONAL	NUMBER	PERCENTAGES	PERCENTAGES	HA ('000)	PERCENTAGES	PERCENTAGES	HECTARES
.1 - 1.0	2,400	4.4	57.1	1.2	0.4	48.0	0.5
1.1 - 2.0	6,200	11.4	77.5	9.3	3.5	77.5	1.5
2.1 - 3.0	8,500	15.7	83.3	19.6	7.3	76.9	2.3
3.1 - 4.0	7,100	13.1	84.5	19.9	7.4	67.7	2.8
4.1 - 5.0	7,400	13.7	90.2	29.6	11.0	82.0	4.0
5.1 - 6.0	4,500	8.3	90.0	22.5	8.4	81.8	5.0
6.1 - 7.0	3,500	6.5	92.1	20.3	7.5	82.2	5.8
7.1 - 8.0	3,900	7.2	95.1	25.4	9.4	82.5	6.5
8.1 - 9.0	2,200	4.1	100.0	16.9	6.3	90.4	7.7
9.1 - 10.0	2,000	3.7	95.2	17.2	6.4	87.3	8.6
10.0 - 15.0	4,500	8.3	109.8	42.9	15.9	88.6	9.5
15.0 +	2,000	3.7	80.0	44.3	16.5	83.3	22.2
TOTAL TRADITIONAL	54,200	100.0	86.3	269.1	100.0	81.9	5.0

TABLE-63 FARMS PLANTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS
OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS	OTHER 3/ CROPS	TOTAL
-NUMBER-								
TRADITIONAL								

BAROLONG	1,200	400	- -	200				1,200
NGWAKETSE SOUTH	2,200	1,100	100	550				2,300
NGWAKETSE NORTH	6,400	3,200	200	3,450				6,600
SOUTHERN REGION	9,800	4,700	300	4,200	50	50	50	10,100
BAMALETE	2,100	1,400	50	1,450				2,300
KWENENG SOUTH	5,900	3,900	550	3,950				6,100
KWENENG NORTH	2,400	800	200	1,600				2,400
KGATLENG	4,400	3,600	500	3,100				4,500
GABORONE REGION	14,800	9,700	1,300	10,100	150	500	100	15,300
MAHALAPYE EAST	3,500	1,600	600	2,400				3,500
MAHALAPYE WEST	2,700	1,300	200	1,600				2,800
PALAPYE	4,100	2,400	700	2,900				4,100
SEROWE	4,600	3,100	450	2,100				4,600
BOBONONG	5,100	3,000	900	2,300				5,200
CENTRAL REGION	20,000	11,400	2,850	11,300	100	100	100	20,200
TATI	4,400	3,100	2,300	2,700				4,500
TUTUME	5,300	3,500	3,500	1,700				5,400
FRANCISTOWN REGION	9,700	6,600	5,800	4,400	50	100	100	9,900
NGAMILAND WEST	2,300	1,900	2,000	200				3,100
NGAMILAND EAST	1,800	1,100	400	400				2,100
CHOBE	700	1,000	- -	50				1,100
MAUN REGION	4,800	4,000	2,400	850	50	50	100	6,300
GHANZI	200	300	- -	300				300
KGALAGADI	500	600	- -	600				700
WESTERN REGION	700	900	- -	900				1,000
TOTAL TRADITIONAL	59,800	37,300	12,650	31,550	400	800	450	62,800
TOTAL COMMERCIAL	110	55	10	30	10	10	50	170
TOTAL	59,910	37,355	12,660	31,580	410	810	500	62,970

TABLE-64 AREA PLANTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS
OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS	OTHER 3/ CROPS	TOTAL
-----HECTARES (000)-----								
TRADITIONAL								
BAROLONG	8.7	0.6	-.-	0.2				9.6
NGWAKETSE SOUTH	18.6	2.5	0.1	0.4				21.7
NGWAKETSE NORTH	23.1	3.5	0.1	2.5				29.4
SOUTHERN REGION	50.4	6.6	0.2	3.1	0.2	0.1	0.1	60.7
BAMALETE	4.3	1.2	0.1	0.5				6.1
KWENENG SOUTH	35.0	7.6	0.2	2.1				45.0
KWENENG NORTH	12.5	2.0	0.5	1.2				16.3
KGATLENG	24.5	7.0	0.7	0.8				33.4
GABORONE REGION	76.3	17.8	1.5	4.6	0.2	0.3	0.1	100.8
MAHALAPYE EAST	21.1	2.6	0.4	1.6				25.7
MAHALAPYE WEST	11.6	1.9	0.3	1.3				15.2
PALAPYE	16.3	2.1	0.9	1.8				21.1
SEROWE	13.6	1.7	0.5	0.7				16.7
BOBONONG	20.2	3.6	1.0	1.0				25.8
CENTRAL REGION	82.8	11.9	3.1	6.4	0.1	0.1	0.1	104.5
TATI	13.7	3.4	2.0	1.2				20.4
TUTUME	14.7	4.4	3.8	0.8				23.9
FRANCISTOWN REGION	28.4	7.8	5.8	2.0	0.1	0.1	0.1	44.3
NGAMILAND WEST	3.6	1.3	2.3	0.1				7.4
NGAMILAND EAST	1.6	2.2	0.1	0.1				4.2
CHOBE	1.2	2.1		0.1				3.4
MAUN REGION	6.4	5.6	2.4	0.3	0.1	0.1	0.1	15.0
GHANZI	0.2	0.4	-.-	0.2				0.8
KGALAGADI	1.2	0.7	-.-	0.5				2.5
WESTERN REGION	1.4	1.1	-.-	0.7			0.1	3.3
TOTAL TRADITIONAL	245.7	50.8	13.0	17.1	0.7	0.7	0.6	328.6
TOTAL COMMERCIAL	33.5	3.5	0.1	1.0	0.3	0.4	0.5	39.3
TOTAL	279.2	54.3	13.1	18.1	1	1.1	1.1	367.9

TABLE-85 AREA HARVESTED (1000) BY CROPS AND REGION
OTHER CROPS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	WHEAT	BARLEY	LOW FLOWER	GROUND NUTS	OTHER CROPS	TOTAL
—HECTARES (1000)—								
TRADITIONAL								
BAROLONG	5.9	0.2	—	0.1				6.3
NGWAKETSE SOUTH	17.7	1.4	—	0.2				19.4
NGWAKETSE NORTH	18.3	2.0	0.1	1.8				22.4
SOUTHERN REGION	41.9	3.7	0.1	2.1	0.2	0.1		48.1
BAMALETE	4.2	0.4	—	0.3				4.9
KWENENG SOUTH	32.7	3.1	0.1	1.3				37.4
KWENENG NORTH	10.7	1.5	0.3	0.5				13.1
KGATLENG	22.7	5.6	0.5	0.8				29.7
GABORONE REGION	70.3	10.6	0.9	2.9	0.1	0.2	0.1	85.1
MAHALAPYE EAST	19.8	1.8	0.2	0.6				22.4
MAHALAPYE WEST	10.4	1.6	0.2	0.9				13.1
PALAPYE	15.3	0.8	0.8	0.8				17.8
SEROWE	12.1	1.5	0.4	0.6				14.7
BOBONONG	19.2	1.6	0.8	0.5				22.1
CENTRAL REGION	76.8	7.3	2.4	3.4		0.1	0.1	90.1
TATI	13.2	1.8	1.2	0.8				17.0
TUTUME	10.3	2.4	3.5	0.4				16.6
FRANCISTOWN REGION	23.5	4.2	4.7	1.2				33.6
NGAMILAND WEST	3.4	0.6	0.9	0.1				5.0
NGAMILAND EAST	1.4	1.5	—	—				2.9
CHOBE	1.2	1.4	—	—				2.7
MAUN REGION	6.0	3.5	0.9	0.1				10.6
GHANZI	0.1	0.2	—	—				0.3
KGALAGADI	0.8	0.4	—	0.2				1.4
WESTERN REGION	0.9	0.6	—	0.2				1.7
TOTAL TRADITIONAL	219.4	29.9	9.0	9.9	0.3	0.4	0.2	269.2
TOTAL COMMERCIAL	24.3	3.0	0.1	1.0	0.2	0.2	1.5	28.8
TOTAL	243.7	32.9	9.1	10.9	0.5	0.6	1.7	298.0

TABLE-66 TOTAL PRODUCTION : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS
OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS
----METRIC TONS----						
TRADITIONAL						

BAROLONG	3,585	120	- -	20		
NGWAKETSE SOUTH	7,610	550	- -	110		
NGWAKETSE NORTH	3,400	300	15	205		
SOUTHERN REGION	14,595	970	15	335	30	30
BAMALETE	875	35	- -	70		
KWENENG SOUTH	4,995	240	45	325		
KWENENG NORTH	4,105	550	85	60		
KGATLENG	10,535	555	130	230		
GABORONE REGION	20,510	1,380	260	685	20	60
MAHALAPYE EAST	5,615	145	80	65		
MAHALAPYE WEST	7,870	310	15	185		
PALAPYE	4,830	90	235	115		
SEROWE	5,050	495	135	130		
BOBONONG	4,735	190	180	25		
CENTRAL REGION	28,100	1,230	645	520		40
TATI	2,580	120	440	105		
TUTUME	2,340	225	890	65		
FRANCISTOWN REGION	4,920	345	1,330	170		
NGAMILAND WEST	570	125	615	10		
NGAMILAND EAST	390	190	- -	- -		
CHOBE	195	580	- -	- -		
MAUN REGION	1,155	895	615	10		
GHANZI	20	5	- -	- -		
KGALAGADI	40	15	- -	5		
WESTERN REGION	60	20	- -	5		
TOTAL TRADITIONAL	69,340	4 840	2,865	1,725	50	130
TOTAL COMMERCIAL	25,000	2,800	80	600	150	180
TOTAL	94,340	7,640	2,945	2,325	200	310

TABLE-67 SORGHUM PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGES	HECTARES
TRADITIONAL			-----HECTARES ('000)-----				
BAROLONG	1,200	2.0	6.5	2.2	8.7	3.1	7.3
NGWAKETSE SOUTH	2,200	3.7	11.2	7.4	18.6	6.7	8.5
NGWAKETSE NORTH	6,400	10.7	11.7	11.4	23.1	8.3	3.6
SOUTHERN REGION	9,800	16.4	29.4	21.0	50.4	18.1	5.1
BAMALETE	2,100	3.5	0.7	3.6	4.3	1.5	2.0
KWENENG SOUTH	5,900	9.8	6.3	28.7	35.0	12.5	5.9
KWENENG NORTH	2,400	4.0	1.6	10.9	12.5	4.5	5.2
KGATLENG	4,400	7.3	3.5	21.0	24.5	8.8	5.6
GABORONE REGION	14,800	24.7	12.1	64.2	76.3	27.3	5.2
MAHALAPYE EAST	3,500	5.8	2.3	18.8	21.1	7.6	6.0
MAHALAPYE WEST	2,700	4.5	1.1	10.5	11.6	4.2	4.3
PALAPYE	4,100	6.8	1.4	14.9	16.3	5.8	4.0
SEROWE	4,600	7.7	3.2	10.4	13.6	4.9	3.0
BOBONONG	5,100	8.5	5.9	14.3	20.2	7.2	4.0
CENTRAL REGION	20,000	33.4	13.9	68.9	82.8	29.7	4.1
TATI	4,400	7.3	0.7	13.0	13.7	4.9	3.1
TUTUME	5,300	8.8	1.3	13.4	14.7	5.3	2.8
FRANCISTOWN REGION	9,700	16.2	2.0	26.4	28.4	10.2	2.9
NGAMILAND WEST	2,300	3.8	0.4	3.2	3.6	1.3	1.6
NGAMILAND EAST	1,800	3.0	-. -	1.6	1.6	0.6	0.9
CHOBE	700	1.2	-. -	1.2	1.2	0.4	1.7
MAUN REGION	4,800	8.0	0.4	6.0	6.4	2.3	1.3
GHANZI	200	0.3	-. -	0.2	0.2	0.1	1.0
KGALAGADI	500	0.8	-. -	1.2	1.2	0.4	2.4
WESTERN REGION	700	1.2	-. -	1.4	1.4	0.5	2.0
TOTAL TRADITIONAL	59,800	99.8	57.8	187.9	245.7	88.0	4.1
TOTAL COMMERCIAL	110	0.2	33.5	-. -	33.5	12.0	304.5
TOTAL	59,910	100.0	91.3	187.9	279.2	100.0	4.7

TABLE -68 SORGHUM PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF SORGHUM AREA PLANTED TRADITIONAL FARMS

HECTARAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
TRADITIONAL	NUMBER	PERCENTAGES	HA ('000)	PERCENTAGES	HECTARES
.1 - 1.0	7,800	13.0	4.7	1.9	0.6
1.1 - 2.0	10,400	17.4	15.6	6.3	1.5
2.1 - 3.0	11,600	19.4	29.0	11.8	2.5
3.1 - 4.0	7,400	12.4	25.9	10.5	3.5
4.1 - 5.0	6,200	10.4	27.9	11.4	4.5
5.1 - 6.0	4,300	7.2	23.2	9.4	5.4
6.1 - 7.0	3,200	5.4	20.8	8.5	6.5
7.1 - 10.0	5,200	8.7	45.2	18.4	8.7
10.0 +	3,700	6.2	53.4	21.7	14.4
TOTAL TRADITIONAL	59,800	100.0	245.7	100.0	4.1

TABLE - 69 SORGHUM HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES ('000)	PERCENTAGE		
TRADITIONAL							
BAROLONG	1,000	1.9	83.3	5.9	2.4	67.8	5.9
NGWAKETSE SOUTH	2,000	3.9	90.9	17.7	7.3	95.2	8.9
NGWAKETSE NORTH	5,000	9.7	78.1	18.3	7.5	79.2	3.7
SOUTHERN REGION	8,000	15.5	81.6	41.9	17.2	83.1	5.2
BAMALETE	2,000	3.9	95.2	4.2	1.7	97.7	2.1
KWENENG SOUTH	5,400	10.5	91.5	32.7	13.4	93.4	6.1
KWENENG NORTH	2,000	3.9	83.3	10.7	4.4	85.6	5.4
KGATLENG	4,000	7.8	90.9	22.7	9.3	92.7	5.7
GABORONE REGION	13,400	26.0	90.5	70.3	28.8	92.1	5.2
MAHALAPYE EAST	3,200	6.2	91.4	19.8	8.1	93.8	6.2
MAHALAPYE WEST	2,400	4.7	88.9	10.4	4.3	89.7	4.3
PALAPYE	3,800	7.4	92.7	15.3	6.3	93.9	4.0
SERONE	4,300	8.4	93.5	12.1	5.0	89.0	2.8
BOBONONG	4,500	8.7	88.2	19.2	7.9	95.0	4.3
CENTRAL REGION	18,200	35.4	91.0	76.8	31.5	92.8	4.2
TATI	3,900	7.6	88.6	13.2	5.4	96.4	3.4
TUTUME	4,300	8.4	81.1	10.3	4.2	70.1	2.4
FRANCISTOWN REGION	8,200	15.9	84.5	23.5	9.6	82.7	2.9
NGAMILAND WEST	1,600	3.1	63.6	3.4	1.4	94.4	2.1
NGAMILAND EAST	1,200	2.3	66.7	1.4	0.6	87.5	1.2
CHOBE	500	1.0	71.4	1.2	0.5	100.0	2.4
MAUN REGION	3,300	6.4	68.8	6.0	2.5	95.3	1.8
GHANZI	50	0.1	25.0	0.1	0.0	50.0	2.0
KGALAGADI	200	0.4	40.0	0.8	0.3	66.7	4.0
WESTERN REGION	250	0.5	35.7	0.9	0.4	64.3	3.6
TOTAL TRADITIONAL	51,350	99.8	85.9	219.4	90.0	89.3	4.3
TOTAL COMMERCIAL	100	0.2	90.9	24.3	10.0	72.5	243.0
TOTAL	51,450	100.0	85.9	243.7	100.0	87.3	4.7

TABLE - 70 SORGHUM HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
-----	NUMBER	PERCENTAGES	PERCENTAGES	HA ('000)	PERCENTAGES	PERCENTAGES	HECTARES
TRADITIONAL							

.1 - 1.0	6,000	11.7	76.9	4.1	1.9	87.2	0.7
1.1 - 2.0	7,900	15.4	76.0	12.6	5.7	80.8	1.6
2.1 - 3.0	10,000	19.5	86.2	24.9	11.3	85.9	2.5
3.1 - 4.0	6,700	13.0	90.5	23.3	10.6	90.0	3.5
4.1 - 5.0	5,500	10.7	88.7	25.5	11.6	91.4	4.6
5.1 - 6.0	3,900	7.6	90.7	20.6	9.4	88.8	5.3
6.1 - 7.0	3,000	5.8	93.8	18.9	8.6	90.9	6.3
7.1 - 10.0	5,000	9.7	96.2	43.1	19.6	95.4	8.6
10.1 +	3,350	6.5	90.5	46.4	21.1	87.1	13.9
TOTAL TRADITIONAL	51,350	100.0	85.9	219.4	100.0	89.3	4.3

TABLE - 71 SORGHUM PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION -----		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	3,585	3.8	3,585	808	412
NGWAKETSE SOUTH	7,610	8.1	3,805	430	409
NGWAKETSE NORTH	3,400	3.6	680	186	147
SOUTHERN REGION	14,595	15.5	1,824	348	290
BAMALETE	875	0.9	438	208	203
KWENENG SOUTH	4,995	5.3	925	153	143
KWENENG NORTH	4,105	4.4	2,053	384	328
KGATLENG	10,535	11.2	2,634	464	430
GABORONE REGION	20,510	21.7	1,531	292	269
MAHALAPYE EAST	5,615	6.0	1,755	284	266
MAHALAPYE WEST	7,870	8.3	3,279	757	678
PALAPYE	4,830	5.1	1,271	316	296
SEROWE	5,050	5.4	1,174	417	371
BOBONONG	4,735	5.0	1,052	247	234
CENTRAL REGION	28,100	29.8	1,544	366	339
TATI	2,580	2.7	662	195	188
TUTUME	2,340	2.5	544	227	159
FRANCISTOWN REGION	4,920	5.2	600	209	173
NGAMILAND WEST	570	0.6	356	168	158
NGAMILAND EAST	390	0.4	325	279	244
CHOBE	195	0.2	390	150	163
MAUN REGION	1,155	1.2	350	189	180
GHANZI	20	0.0	400	200	100
KGALAGADI	40	0.0	200	50	33
WESTERN REGION	60	0.1	240	67	43
TOTAL TRADITIONAL	69,340	73.5	1,350	316	282
TOTAL COMMERCIAL	25,000	26.5	250,000	1,029	746
TOTAL	94,340	100.0	1,834	387	338

TABLE -72 SORGHUM PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE PLANTED	TOTAL	PRODUCTION	PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
-----	-----	-----			
TRADITIONAL	METRIC TONS	PERCENTAGES	KILOGRAMS	KILOGRAMS	KILOGRAMS

.1 - 1.0	1,665	2.4	278	406	354
1.1 - 2.0	4,850	7.0	614	385	311
2.1 - 3.0	8,320	12.0	832	334	287
3.1 - 4.0	6,865	9.9	1,025	295	265
4.1 - 5.0	6,240	9.0	1,135	245	224
5.1 - 6.0	8,600	12.4	2,205	417	371
6.1 - 7.0	6,310	9.1	2,103	334	303
7.1 - 10.0	10,125	14.6	2,025	235	224
10.1 +	16,365	23.6	4,885	352	306
TOTAL TRADITIONAL	69,340	100.0	1,350	316	282

TABLE-73 MAIZE PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED		AREA PLANTED	AREA PLANTED PER FARM	
	NUMBER	PERCENTAGE	PURE	MIXED HA ('000)	TOTAL	PERCENTAGES	HECTARES
TRADITIONAL							
BAROLONG	400	1.1	0.2	0.4	0.6	1.1	1.5
NGWAKETSE SOUTH	1,100	2.9	0.9	1.6	2.5	4.6	2.3
NGWAKETSE NORTH	3,200	8.6	1.2	2.3	3.5	6.4	1.1
SOUTHERN REGION	4,700	12.6	2.3	4.3	6.6	12.2	1.4
BAMALETE	1,400	3.7	0.3	0.9	1.2	2.2	0.9
KWENENG SOUTH	3,900	10.4	0.6	7.0	7.6	14.0	1.9
KWENENG NORTH	800	2.1	0.1	1.9	2.0	3.7	2.5
KGATLENG	3,600	9.6	2.0	5.0	7.0	12.9	1.9
GABORONE REGION	9,700	26.0	3.0	14.8	17.8	32.8	1.8
MAHALAPYE EAST	1,600	4.3	-.-	2.6	2.6	4.8	1.6
MAHALAPYE WEST	1,300	3.5	0.2	1.7	1.9	3.5	1.5
PALAPYE	2,400	6.4	-.-	2.1	2.1	3.9	0.9
SEROWE	3,100	8.3	0.2	1.5	1.7	3.1	0.5
BOBONONG	3,000	8.0	0.1	3.5	3.6	6.6	1.2
CENTRAL REGION	11,400	30.5	0.5	11.4	11.9	21.9	1.0
TATI	3,100	8.3	-.-	3.4	3.4	6.3	1.1
TUTUME	3,500	9.4	0.2	4.2	4.4	8.1	1.3
FRANCISTOWN REGION	6,600	17.7	0.2	7.6	7.8	14.4	1.2
NGAMILAND WEST	1,900	5.1	0.1	1.2	1.3	2.4	0.7
NGAMILAND EAST	1,100	2.9	0.3	1.9	2.2	4.1	2.0
CHOBE	1,000	2.7	1.6	0.5	2.1	3.9	2.1
MAUN REGION	4,000	10.7	2.0	3.6	5.6	10.3	1.4
GHANZI	300	0.8	-.-	0.4	0.4	0.7	1.3
KGALAGADI	600	1.6	-.-	0.7	0.7	1.3	1.2
WESTERN REGION	900	2.4	-.-	1.1	1.1	2.0	1.2
TOTAL TRADITIONAL	37,300	99.9	8.0	42.8	50.8	93.6	1.4
TOTAL COMMERCIAL	55	0.1	3.5	-.-	3.5	6.4	63.6
TOTAL	37,355	100.0	11.5	42.8	54.3	100.0	1.5

TABLE -74 MAIZE PLANTED : FARMS,AREA AND AREA PLANTED PER FARM BY SIZE OF MAIZE AREA PLANTED TRADITIONAL FARMS

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
-----	-----		-----		
TRADITIONAL	NUMBER PERCENTAGES		HA('000) PERCENTAGES		HECTARES

.1 - 1.0	21,300	57.1	11.4	22.4	0.5
1.1 - 2.0	9,050	24.3	12.8	25.2	1.4
2.1 - 3.0	3,900	10.5	9.6	18.9	2.5
3.1 - 4.0	1,400	3.8	4.7	9.3	3.4
4.1 - 7.0	900	2.4	5.0	9.8	5.6
7.1 - 10.0	450	1.2	3.4	6.7	7.6
10.0 +	300	0.8	3.9	7.7	13.0
TOTAL TRADITIONAL	37,300	100.0	50.8	100.0	1.4

TABLE - 75 MAIZE HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS	HARVESTED	RATIO OF FARMS HARVESTED TO PLANTED	AREA	HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES ('000)	PERCENTAGE	PERCENTAGE	HECTARES
----- TRADITIONAL							
BAROLONG	250	1.4	62.5	0.3	0.9	50.0	1.2
NGWAKETSE SOUTH	800	4.6	72.7	1.4	4.3	56.0	1.8
NGWAKETSE NORTH	1,400	8.0	43.8	2.0	6.1	57.1	1.4
SOUTHERN REGION	2,450	14.1	52.1	3.7	11.2	56.1	1.5
BAMALETE	300	1.7	21.4	0.4	1.2	33.3	1.3
KWENENG SOUTH	450	2.6	11.5	3.1	9.4	40.8	6.9
KWENENG NORTH	400	2.3	50.0	1.5	4.6	75.0	3.8
KGATLENG	2,050	11.8	56.9	5.6	17.0	80.0	2.7
GABORONE REGION	3,200	18.4	33.0	10.6	32.2	59.6	3.3
MAHALAPYE EAST	750	4.3	46.9	1.8	5.5	69.2	2.4
MAHALAPYE WEST	750	4.3	57.7	1.6	4.9	84.2	2.1
PALAPYE	750	4.3	31.3	0.8	2.4	38.1	1.1
SEROWE	2,000	11.5	64.5	1.5	4.6	88.2	0.8
BOBONONG	1,600	9.2	53.3	1.6	4.9	44.4	1.0
CENTRAL REGION	5,850	33.6	51.3	7.3	22.2	61.3	1.2
TATI	1,300	7.5	41.9	1.8	5.5	52.9	1.4
TUTUME	1,600	9.2	45.7	2.4	7.3	54.5	1.5
FRANCISTOWN REGION	2,900	16.7	43.9	4.2	12.8	53.8	1.4
NGAMILAND WEST	900	5.2	47.4	0.6	1.8	46.2	0.7
NGAMILAND EAST	1,000	5.7	90.9	1.5	4.6	68.2	1.5
CHOBE	500	2.9	50.0	1.4	4.3	66.7	2.8
MAUN REGION	2,400	13.8	60.0	3.5	10.6	62.5	1.5
GHANZI	100	0.6	33.3	0.2	0.6	50.0	2.0
KGALAGADI	400	2.3	66.7	0.4	1.2	57.1	1.0
WESTERN REGION	500	2.9	55.6	0.6	1.8	54.5	1.2
TOTAL TRADITIONAL	17,300	99.4	46.4	29.9	90.9	58.9	1.7
TOTAL COMMERCIAL	100	0.6	181.8	3.0	9.1	85.7	30.0
TOTAL	17,400	100.0	46.6	32.9	100.0	60.6	1.9

TABLE - 76 MAIZE HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF
AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
-----	NUMBER	PERCENTAGES	PERCENTAGES	HA ('000)	PERCENTAGES	PERCENTAGES	HECTARES
TRADITIONAL							

.1 - 1.0	9,300	45.6	43.7	4.8	16.1	42.1	0.5
1.1 - 2.0	5,600	27.5	61.9	6.7	22.4	52.3	1.2
2.1 - 3.0	3,200	15.7	82.1	6.8	22.7	70.8	2.1
3.1 - 4.0	1,000	4.9	71.4	3.4	11.4	72.3	3.4
4.1 - 7.0	750	3.7	83.3	3.8	12.7	76.0	5.1
7.1 - 10.0	300	1.5	66.7	1.6	5.4	47.1	5.3
10.1 +	250	1.2	83.3	2.8	9.4	71.8	11.2
TOTAL TRADITIONAL	20,400	100.0	54.7	29.9	100.0	58.9	1.5

TABLE - 77 MAIZE PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION -----		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG.YIELD PER HECT.PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	120	1.6	480	400	200
NGWAKETSE SOUTH	550	7.2	688	393	220
NGWAKETSE NORTH	300	3.9	214	150	86
SOUTHERN REGION	970	12.7	396	262	147
BAMALETE	35	0.5	117	88	29
KWENENG SOUTH	240	3.1	533	77	32
KWENENG NORTH	550	7.2	1,375	367	275
KGATLENG	555	7.3	271	99	79
GABORONE REGION	1,380	18.1	431	130	78
MAHALAPYE EAST	145	1.9	193	81	56
MAHALAPYE WEST	310	4.1	413	194	163
PALAPYE	90	1.2	120	113	43
SEROWE	495	6.5	248	330	291
BOBONONG	190	2.5	119	119	53
CENTRAL REGION	1,230	16.1	210	168	103
TATI	120	1.6	92	67	35
TUTUME	225	2.9	141	94	51
FRANCISTOWN REGION	345	4.5	119	82	44
NGAMILAND WEST	125	1.6	139	208	96
NGAMILAND EAST	190	2.5	190	127	86
CHOBÉ	580	7.6	1,160	414	276
MAUN REGION	895	11.7	373	256	160
Ghanzi	5	0.1	50	25	13
Kgalagadi	15	0.2	38	38	21
WESTERN REGION	20	0.3	40	33	18
TOTAL TRADITIONAL	4,840	63.4	280	162	95
TOTAL COMMERCIAL	2,800	36.6	28,000	933	800
TOTAL	7,640	100.0	439	232	141

TABLE -78 MAIZE PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
-----	METRIC TONS	PERCENTAGES	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					

.1 - 1.0	1,055	21.8	113	220	93
1.1 - 2.0	980	20.2	175	146	77
2.1 - 3.0	695	14.4	217	102	72
3.1 - 4.0	430	8.9	430	126	91
4.1 - 7.0	1,200	24.8	1600	316	240
7.1 - 10.0	100	2.1	333	63	29
10.1 +	380	7.9	1520	136	97
TOTAL TRADITIONAL	4,840	100.0	237	162	95

TABLE-79 MILLET PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS	PLANTED	TOTAL	AREA	PLANTED	AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED HA ('000)	TOTAL	PERCENTAGES	HECTARES
TRADITIONAL							
BAROLONG	-,-	-,-	-,-	-,-	-,-	-,-	-,-
NGWAKETSE SOUTH	100	0.8	-,-	0.1	0.1	0.8	1.0
NGWAKETSE NORTH	200	1.6	-,-	0.1	0.1	0.8	0.5
SOUTHERN REGION	300	2.4	-,-	0.2	0.2	1.5	0.7
BAMALETE	50	0.4	-,-	0.1	0.1	0.8	2.0
KWENENG SOUTH	550	4.3	-,-	0.2	0.2	1.5	0.4
KWENENG NORTH	200	1.6	-,-	0.5	0.5	3.8	2.5
KGATLENG	500	3.9	0.2	0.5	0.7	5.3	1.4
GABORONE REGION	1,300	10.3	0.2	1.3	1.5	11.5	1.2
MAHALAPYE EAST	600	4.7	-,-	0.4	0.4	3.1	0.7
MAHALAPYE WEST	200	1.6	-,-	0.3	0.3	2.3	1.5
PALAPYE	700	5.5	-,-	0.9	0.9	6.9	1.3
SEROWE	450	3.6	-,-	0.5	0.5	3.8	1.1
BOBONONG	900	7.1	0.2	0.8	1.0	7.6	1.1
CENTRAL REGION	2,850	22.5	0.2	2.9	3.1	23.7	1.1
TATI	2,300	18.2	-,-	2.0	2.0	15.3	0.9
TUTUME	3,500	27.6	0.3	3.5	3.8	29.0	1.1
FRANCISTOWN REGION	5,800	45.8	0.3	5.5	5.8	44.3	1.0
NGAMILAND WEST	2,000	15.8	0.7	1.6	2.3	17.6	1.2
NGAMILAND EAST	400	3.2	-,-	0.1	0.1	0.8	0.5
CHOBE	-,-	-,-	-,-	-,-	-,-	-,-	-,-
MAUN REGION	2,400	19.0	0.7	1.7	2.4	18.3	1.0
GHANZI	-,-	-,-	-,-	-,-	-,-	-,-	-,-
KGALAGADI	-,-	-,-	-,-	-,-	-,-	-,-	-,-
WESTERN REGION	-,-	-,-	-,-	-,-	-,-	-,-	-,-
TOTAL TRADITIONAL	12,650	99.9	1.4	11.6	13.0	99.2	1.0
TOTAL COMMERCIAL	10	0.1	0.1	-,-	0.1	0.8	10.0
TOTAL	12,660	100.0	1.5	11.6	13.1	100.0	1.0

TABLE -80 MILLET PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	CROP - FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
-----	-----		-----		
TRADITIONAL	NUMBER PERCENTAGES		HA ('000) PERCENTAGES		HECTARES

.1 - 1.0	8,200	64.8	3.4	26.2	0.4
1.1 - 2.0	2,850	22.5	3.4	26.2	1.2
2.1 - 3.0	700	5.5	1.7	13.1	2.4
3.1+	900	7.1	4.5	34.6	5.0
TOTAL TRADITIONAL	12,650	100.0	13.0	100.0	1.0

TABLE - 81 MILLET HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES ('000)	PERCENTAGE		
TRADITIONAL							
BAROLONG	-.-	-.-	-.-	-.-	-.-	-.-	-.-
NGWAKETSE SOUTH	-.-	-.-	-.-	-.-	-.-	-.-	-.-
NGWAKETSE NORTH	200	1.7	100.0	0.1	1.1	100.0	0.5
SOUTHERN REGION	200	1.7	66.7	0.1	1.1	50.0	0.5
BAMALETE	-.-	-.-	-.-	-.-	-.-	-.-	-.-
KWENENG SOUTH	500	4.3	90.9	0.1	1.1	50.0	0.2
KWENENG NORTH	200	1.7	100.0	0.3	3.3	60.0	1.5
KGATLENG	450	3.8	90.0	0.5	5.5	71.4	1.1
GABORONE REGION	1,150	9.8	88.5	0.9	9.9	60.0	0.8
MAHALAPYE EAST	600	5.1	100.0	0.2	2.2	50.0	0.3
MAHALAPYE WEST	200	1.7	100.0	0.2	2.2	66.7	1.0
PALAPYE	650	5.6	92.9	0.8	8.8	88.9	1.2
SEROWE	450	3.8	100.0	0.4	4.4	80.0	0.9
BOBONONG	900	7.7	100.0	0.8	8.8	80.0	0.9
CENTRAL REGION	2,800	23.9	98.2	2.4	26.4	77.4	0.9
TATI	2,150	18.4	93.5	1.2	13.2	60.0	0.6
TUTUME	3,400	29.0	97.1	3.5	38.5	92.1	1.0
FRANCISTOWN REGION	5,550	47.4	95.7	4.7	51.6	81.0	0.8
NGAMILAND WEST	2,000	17.1	100.0	0.9	9.9	39.1	0.5
NGAMILAND EAST	-.-	-.-	-.-	-.-	-.-	-.-	-.-
CHOBE	-.-	-.-	-.-	-.-	-.-	-.-	-.-
MAUN REGION	2,000	17.1	64.5	0.9	9.9	37.5	0.5
GHANZI	-.-	-.-	-.-	-.-	-.-	-.-	-.-
KGALAGADI	-.-	-.-	-.-	-.-	-.-	-.-	-.-
WESTERN REGION	-.-	-.-	-.-	-.-	-.-	-.-	-.-
TOTAL TRADITIONAL	11,700	99.9	83.3	9.0	98.9	69.2	0.8
TOTAL COMMERCIAL	10	0.1	100.0	0.1	1.1	100.0	10.0
TOTAL	11,710	100.0	83.3	9.1	100.0	69.5	0.8

TABLE - 82 MILLET HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF
AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF MILLET AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
TRADITIONAL	NUMBER PERCENTAGES		PERCENTAGES	HA ('000) PERCENTAGES	PERCENTAGES	PERCENTAGES	HECTARES
.1 - 1.0	7,750	66.2	94.5	3.0	33.3	88.2	0.4
1.1 - 2.0	2,650	22.6	93.0	2.8	31.1	82.4	1.1
2.1 - 3.0	600	5.1	85.7	1.5	16.7	88.2	2.5
3.1+	700	6.0	77.8	1.7	18.9	37.8	2.4
TOTAL TRADITIONAL	11,700	100.0	92.5	9.0	100.0	69.2	0.8

TABLE - B3 MILLET PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION -----		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG.YIELD PER HECT.PLANTED
TRADITIONAL -----	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	--	--	--	--	--
NGWAKETSE SOUTH	--	--	--	--	--
NGWAKETSE NORTH	15	0.5	75	150	150
SOUTHERN REGION	15	0.5	75	150	75
BAMALETE	--	--	--	--	--
KWENENG SOUTH	45	1.5	90	450	225
KWENENG NORTH	85	2.9	425	283	170
KGATLENG	130	4.4	289	260	186
GABORONE REGION	260	8.8	226	289	173
MAHALAPYE EAST	80	2.7	133	400	200
MAHALAPYE WEST	15	0.5	75	75	50
PALAPYE	235	8.0	362	294	261
SEROWE	135	4.6	300	338	270
BOBONONG	180	6.1	200	225	180
CENTRAL REGION	645	21.9	230	269	208
TATI	440	14.9	205	367	220
TUTUME	890	30.2	262	254	234
FRANCISTOWN REGION	1,330	45.2	240	283	229
NGAMILAND WEST	615	20.9	308	683	267
NGAMILAND EAST	--	--	--	--	--
CHOBE	--	--	--	--	--
MAUN REGION	615	20.9	308	683	256
GHANZI	--	--	--	--	--
KGALAGADI	--	--	--	--	--
WESTERN REGION	--	--	--	--	--
TOTAL TRADITIONAL	2,865	97.3	245	318	220
TOTAL COMMERCIAL	80	2.7	8000	800	800
TOTAL	2,945	100.0	251	324	225

TABLE -84 MILLET PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF MILLET AREA PLANTED

HECTERAAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
TRADITIONAL	METRIC TONS	PERCENTAGES	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	1,455	50.8	188	485	428
1.1 - 2.0	815	28.4	308	291	240
2.1 - 3.0	250	8.7	417	167	147
3.1 +	345	12.0	493	203	77
TOTAL TRADITIONAL	2,865	100.0	245	318	220

TABLE-85 BEANS/PULSES PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED HA('000)	TOTAL	PERCENTAGES	HECTARES
TRADITIONAL							
BAROLONG	200	0.6	-.-	0.2	0.2	1.1	1.0
NGWAKETSE SOUTH	550	1.7	0.1	0.3	0.4	2.2	0.7
NGWAKETSE NORTH	3,450	10.9	0.6	1.9	2.5	13.8	0.7
SOUTHERN REGION	4,200	13.3	0.7	2.4	3.1	17.1	0.7
BAMALETE	1,450	4.6	-.-	0.5	0.5	2.8	0.3
KWENENG SOUTH	3,950	12.5	-.-	2.1	2.1	11.6	0.5
KWENENG NORTH	1,600	5.1	-.-	1.2	1.2	6.6	0.8
KGATLENG	3,100	9.8	0.1	0.7	0.8	4.4	0.3
GABORONE REGION	10,100	32.0	0.1	4.5	4.6	25.4	0.5
MAHALAPYE EAST	2,400	7.6	0.1	1.5	1.6	8.8	0.7
MAHALAPYE WEST	1,600	5.1	-.-	1.3	1.3	7.2	0.8
PALAPYE	2,900	9.2	-.-	1.8	1.8	9.9	0.6
SEROWE	2,100	6.6	-.-	0.7	0.7	3.9	0.3
BOBONONG	2,300	7.3	-.-	1.0	1.0	5.5	0.4
CENTRAL REGION	11,300	35.8	0.1	6.3	6.4	35.4	0.6
TATI	2,700	8.5	-.-	1.2	1.2	6.6	0.4
TUTUME	1,700	5.4	-.-	0.8	0.8	4.4	0.5
FRANCISTOWN REGION	4,400	13.9	-.-	2.0	2.0	11.0	0.5
NGAMILAND WEST	200	0.6	-.-	0.1	0.1	0.6	0.5
NGAMILAND EAST	400	1.3	-.-	0.1	0.1	0.6	0.3
CHOBE	50	0.2	-.-	0.1	0.1	0.6	2.0
MAUN REGION	650	2.1	-.-	0.3	0.3	1.7	0.5
GHANZI	300	0.9	-.-	0.2	0.2	1.1	0.7
KGALAGADI	600	1.9	-.-	0.5	0.5	2.8	0.8
WESTERN REGION	900	2.8	-.-	0.7	0.7	3.9	0.8
TOTAL TRADITIONAL	31,550	99.9	0.9	16.2	17.1	94.5	0.5
TOTAL COMMERCIAL	30	0.1	1.0	-.-	1.0	5.5	33.3
TOTAL	31,580	100.0	1.9	16.2	18.1	100.0	0.6

TABLE -86 BEANS/PULSES PLANTED : FARMS,AREA AND AREA PLANTED PER FARM BY SIZE OF BEANS/PULSES AREA PLANTED TRADITIONAL FARMS

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
-----	-----		-----		
TRADITIONAL	NUMBER PERCENTAGES		HA('000) PERCENTAGES		HECTARES

.1 - 1.0	27,500	87.2	8.2	48.0	0.3
1.1 - 2.0	2,950	9.4	4.1	24.0	1.4
2.1 - 3.0	650	2.1	1.5	8.8	2.3
3.1+	450	1.4	3.3	19.3	7.3
TOTAL TRADITIONAL	31,550	100.0	17.1	100.0	0.5

TABLE - 87 BEANS/PULSES HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM	HARVESTED	RATIO OF FARMS HARVESTED TO PLANTED	AREA	HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES ('000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	150	1.0	75.0	0.1	0.9	50.0	0.7
NGWAKETSE SOUTH	450	3.0	81.8	0.2	1.8	50.0	0.4
NGWAKETSE NORTH	2,400	15.9	69.6	1.8	16.5	72.0	0.8
SOUTHERN REGION	3,000	19.9	71.4	2.1	19.3	67.7	0.7
BAMALETE	650	4.3	44.8	0.3	2.8	60.0	0.5
KWENENG SOUTH	2,300	15.3	58.2	1.3	11.9	61.9	0.6
KWENENG NORTH	750	5.0	46.9	0.5	4.6	41.7	0.7
KGATLENG	1,750	11.6	56.5	0.8	7.3	100.0	0.5
GABORONE REGION	5,450	36.2	54.0	2.9	26.6	63.0	0.5
MAHALAPYE EAST	1,000	6.6	41.7	0.6	5.5	37.5	0.6
MAHALAPYE WEST	750	5.0	46.9	0.9	8.3	69.2	1.2
PALAPYE	1,300	8.6	44.8	0.8	7.3	44.4	0.6
SEROWE	850	5.6	40.5	0.6	5.5	85.7	0.7
BOBONONG	700	4.6	30.4	0.5	4.6	50.0	0.7
CENTRAL REGION	4,600	30.5	40.7	3.4	31.2	53.1	0.7
TATI	1,000	6.6	37.0	0.8	7.3	66.7	0.8
TUTUME	800	5.3	47.1	0.4	3.7	50.0	0.5
FRANCISTOWN REGION	1,800	11.9	40.9	1.2	11.0	60.0	0.7
NGAMILAND WEST	100	0.7	50.0	0.1	0.9	100.0	1.0
NGAMILAND EAST	-.-	-.-	-.-	-.-	-.-	-.-	-.-
CHOBE	-.-	-.-	-.-	-.-	-.-	-.-	-.-
MAUN REGION	100	0.7	15.4	0.1	0.9	33.3	1.0
GHANZI	-.-	-.-	-.-	-.-	-.-	-.-	-.-
KGALAGADI	100	0.7	16.7	0.2	1.8	40.0	2.0
WESTERN REGION	100	0.7	11.1	0.2	1.8	28.6	2.0
TOTAL TRADITIONAL	15,050	99.8	47.7	9.9	90.8	57.9	0.7
TOTAL COMMERCIAL	25	0.2	83.3	1.0	9.2	100.0	40.0
TOTAL	15,075	100.0	47.7	10.9	100.0	60.2	0.7

TABLE - 88 BEANS/PULSES HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
-----	NUMBER	PERCENTAGES	PERCENTAGES	HA ('000)	PERCENTAGES	PERCENTAGES	HECTARES
TRADITIONAL							
.1 - 1.0	12,350	82.1	44.9	3.7	37.4	45.1	0.3
1.1 - 2.0	2,000	13.3	67.8	2.4	24.2	58.5	1.2
2.1 - 3.0	400	2.7	61.5	1.0	10.1	66.7	2.5
3.1+	300	2.0	66.7	2.8	28.3	84.8	9.3
TOTAL TRADITIONQAL	15,050	100.0	47.7	9.9	100.0	57.9	0.7

TABLE - 89 BEANS/PULSES PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL ----- METRIC TONS	PRODUCTION PERCENTAGE	PRODUCTION PER HARVESTED FARM KILOGRAMS	AVG. YIELD PER HECT. HARVESTED KILOGRAMS	AVG. YIELD PER HECT. PLANTED * KILOGRAMS
TRADITIONAL -----					
BAROLONG	20	0.9	133	200	100
NGWAKETSE SOUTH	110	4.7	244	550	275
NGWAKETSE NORTH	205	8.8	85	114	82
SOUTHERN REGION	335	14.4	112	160	108
BAMALETE	70	3.0	108	233	140
KWENENG SOUTH	325	14.0	141	250	155
KWENENG NORTH	60	2.6	80	120	50
KGATLENG	230	9.9	131	288	288
GABORONE REGION	685	29.5	126	236	149
MAHALAPYE EAST	65	2.8	65	108	41
MAHALAPYE WEST	185	8.0	247	206	142
PALAPYE	115	4.9	88	144	84
SEROWE	130	5.6	153	217	186
BOBONONG	25	1.1	36	50	25
CENTRAL REGION	520	22.4	113	153	81
TATI	105	4.5	105	131	88
TUTUME	65	2.8	81	163	81
FRANCISTOWN REGION	170	7.3	94	142	85
NGAMILAND WEST	10	0.4	100	100	100
NGAMILAND EAST	- -	- -	- -	- -	- -
CHOBE	- -	- -	- -	- -	- -
MAUN REGION	10	0.4	100	100	33
GHANZI	- -	- -	- -	- -	- -
KGALAGADI	5	0.2	50	25	10
WESTERN REGION	5	0.2	50	25	7
TOTAL TRADITIONAL	1,725	74.2	115	174	101
TOTAL COMMERCIAL	600	25.8	24000	600	600
TOTAL	2,325	100.0	154	213	128

TABLE -90 BEANS/PULSES PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
-----	-----				
TRADITIONAL	METRIC TONS	PERCENTAGES	KILOGRAMS	KILOGRAMS	KILOGRAMS

.1 - 1.0	1,215	70.4	98	328	148
1.1 - 2.0	320	18.6	160	133	78
2.1 - 3.0	60	3.5	150	60	40
3.1 +	130	7.5	433	46	39
TOTAL TRADITIONAL	1,725	100.0	115	174	101

TABLE-91 FOUR-CROPS PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS
(SORGHUM, MAIZE, MILLET, & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	TOTAL HA('000)	PERCENTAGE	HECTARES
TRADITIONAL					
BAROLONG	1,200	2.0	9.5	2.6	7.9
NGWAKETSE SOUTH	2,300	3.8	21.6	5.9	9.4
NGWAKETSE NORTH	6,500	10.6	29.2	8.0	4.5
SOUTHERN REGION	10,000	16.4	60.3	16.5	6.0
BAMALETE	2,200	3.6	6.1	1.7	2.8
KWENENG SOUTH	8,000	9.8	44.9	12.3	7.5
KWENENG NORTH	2,400	3.9	16.2	4.4	6.8
KGATLENG	4,400	7.2	33.0	9.0	7.5
GABORONE REGION	15,000	24.5	100.2	27.5	6.7
MAHALAPYE EAST	3,500	5.7	25.7	7.0	7.3
MAHALAPYE WEST	2,700	4.4	15.1	4.1	5.6
PALAPYE	4,100	6.7	21.1	5.8	5.1
SEROWE	4,600	7.5	16.5	4.5	3.6
BOBONONG	5,200	8.5	25.8	7.1	5.0
CENTRAL REGION	20,100	32.9	104.2	28.6	5.2
TATI	4,500	7.4	20.3	5.6	4.5
TUTUME	5,400	8.8	23.7	6.5	4.4
FRANCISTOWN REGION	9,900	16.2	44.0	12.1	4.4
NGAMILAND WEST	2,400	3.9	7.3	2.0	3.0
NGAMILAND EAST	1,900	3.1	4.0	1.1	2.1
CHOBE	800	1.3	3.4	0.9	4.3
MAUN REGION	5,100	8.3	14.7	4.0	2.9
GHANZI	300	0.5	0.8	0.2	2.7
KGALAGADI	600	1.0	2.4	0.7	4.0
WESTERN REGION	900	1.5	3.2	0.9	3.6
TOTAL TRADITIONAL	61,000	99.7	326.6	89.6	5.4
TOTAL COMMERCIAL	160	0.3	38.1	10.4	238.1
TOTAL	61,160	100.0	364.7	100.0	6.0

TABLE -92 FOUR-CROPS PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF FOUR CROPS AREA
(SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
-----	-----		-----		
TRADITIONAL					
-----	NUMBER	PERCENTAGES	HA ('000)	PERCENTAGES	HECTARES
.1 - 1.0	4,000	6.6	2.4	0.7	0.6
1.1 - 2.0	8,000	13.1	12.0	3.7	1.5
2.1 - 3.0	9,800	16.1	24.5	7.5	2.5
3.1 - 4.0	8,300	13.6	29.1	8.9	3.5
4.1 - 5.0	7,900	13.0	35.6	10.9	4.5
5.1 - 6.0	5,000	8.2	27.5	8.4	5.5
6.1 - 7.0	3,900	6.4	25.4	7.8	6.5
7.1 - 10.0	8,100	13.3	71.4	21.9	8.8
10.0 +	6,000	9.8	98.7	30.2	16.5
TOTAL TRADITIONAL	61,000	100.0	326.6	100.0	5.4

TABLE - 93 FOUR-CROPS HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED
(SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES ('000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	1,000	1.8	83.3	6.3	2.1	86.3	6.3
NGWAKETSE SOUTH	2,100	3.9	91.3	19.3	6.5	89.4	9.2
NGWAKETSE NORTH	5,000	9.2	76.9	22.2	7.5	76.0	4.4
SOUTHERN REGION	8,100	14.9	81.0	47.8	16.1	79.3	5.9
BAMALETE	2,000	3.7	90.9	4.9	1.7	80.3	2.5
KWENENG SOUTH	5,400	9.9	90.0	37.2	12.5	82.9	6.9
KWENENG NORTH	2,000	3.7	83.3	13.0	4.4	80.2	6.5
KGATLENG	4,200	7.7	95.5	29.6	10.0	89.7	7.0
GABORONE REGION	13,600	25.0	90.7	84.7	28.5	84.5	6.2
MAHALAPYE EAST	3,200	5.9	91.4	22.4	7.5	87.2	7.0
MAHALAPYE WEST	2,400	4.4	88.9	13.1	4.4	86.8	5.5
PALAPYE	3,800	7.0	92.7	17.7	6.0	83.9	4.7
SEROWE	4,300	7.9	93.5	14.6	4.9	88.5	3.4
BOBONONG	4,500	8.3	86.5	22.1	7.4	85.7	4.9
CENTRAL REGION	18,200	33.5	90.5	89.9	30.3	86.3	4.9
TATI	4,200	7.7	93.3	17.0	5.7	83.7	4.0
TUTUME	4,600	8.5	85.2	16.6	5.6	70.0	3.6
FRANCISTOWN REGION	8,800	16.2	88.9	33.6	11.3	76.4	3.8
NGAMILAND WEST	2,800	5.2	116.7	5.0	1.7	68.5	1.8
NGAMILAND EAST	1,400	2.6	73.7	2.9	1.0	72.5	2.1
CHOBE	1,000	1.8	125.0	2.7	0.9	79.4	2.7
MAUN REGION	5,200	9.6	102.0	10.6	3.6	72.1	2.0
GHANZI	100	0.2	33.3	0.3	0.1	37.5	3.0
KGALAGADI	200	0.4	33.3	1.4	0.5	58.3	7.0
WESTERN REGION	300	0.6	33.3	1.7	0.6	53.1	5.7
TOTAL TRADITIONAL	54,200	99.8	88.9	268.3	90.4	82.1	5.0
TOTAL COMMERCIAL	130	0.2	81.3	28.4	9.6	74.5	218.5
TOTAL	54,330	100.0	88.8	296.7	100.0	81.4	5.5

TABLE - 94 FOUR-CROPS HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF FOUR-CROPS AREA PLANTED (SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

HECTERA GE SIZE		FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
-----		NUMBER	PERCENTAGES		HA ('000)	PERCENTAGES		
TRADITIONAL								
.1	- 1.0	2,800	5.2	70.0	1.3	0.5	54.2	0.5
1.1	- 2.0	6,300	11.6	78.8	9.5	3.5	79.2	1.5
2.1	- 3.0	8,100	14.9	82.7	19.3	7.2	78.8	2.4
3.1	- 4.0	7,100	13.1	85.5	21.3	7.9	73.2	3.0
4.1	- 5.0	7,200	13.3	91.1	29.0	10.8	81.5	4.0
5.1	- 6.0	4,700	8.7	94.0	24.6	9.2	89.5	5.2
6.1	- 7.0	3,700	6.8	94.9	21.8	8.1	85.8	5.9
7.1	- 10.0	8,100	14.9	96.4	61.1	22.8	85.6	7.5
10.1	+	6,200	11.4	96.9	80.4	30.0	81.5	13.0
TOTAL TRADITIONAL		54,200	100.0	88.9	268.3	100.0	82.1	5.0

TABLE - 95 FOUR-CROPS PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION -----		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
TRADITIONAL -----	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	3,725	3.5	3,725	591	392
NGWAKETSE SOUTH	8,270	7.7	3,938	428	383
NGWAKETSE NORTH	3,920	3.7	784	177	134
SOUTHERN REGION	15,915	14.8	1,965	333	264
BAMALETE	980				
KWENENG SOUTH	5,605	5.2	1,038	151	125
KWENENG NORTH	4,800	4.5	2,400	369	296
KGATLENG	11,450	10.7	2,726	387	347
GABORONE REGION	22,835	21.3	1,679	270	228
MAHALAPYE EAST	5,905	5.5	1,845	264	230
MAHALAPYE WEST	8,380	7.8	3,492	640	555
PALAPYE	5,270	4.9	1,387	298	250
SEROWE	5,810	5.4	1,351	398	352
BOBONONG	5,130	4.8	1,140	232	199
CENTRAL REGION	30,495	28.4	1,676	339	293
TATI	3,245	3.0	773	191	160
TUTUME	3,520	3.3	765	212	149
FRANCISTOWN REGION	6,765	6.3	769	201	154
NGAMILAND WEST	1,320	1.2	471	264	181
NGAMILAND EAST	580	0.5	414	200	145
CHOBE	775	0.7	775	287	228
MAUN REGION	2,675	2.5	514	252	182
Ghanzi	25	0.0	250	83	31
Kgalagadi	60	0.1	300	43	25
WESTERN REGION	85	0.1	283	50	27
TOTAL TRADITIONAL	78,770	73.4	1,453	294	241
TOTAL COMMERCIAL	28,480	26.6	219,077	1,003	748
TOTAL	107,250	100.0	1,974	361	294

TABLE -96 FOUR CROPS PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF FOUR CROPS AREA PLANTED
(SORGHUM, MAIZE, MILLET, BEANS/PULSES)

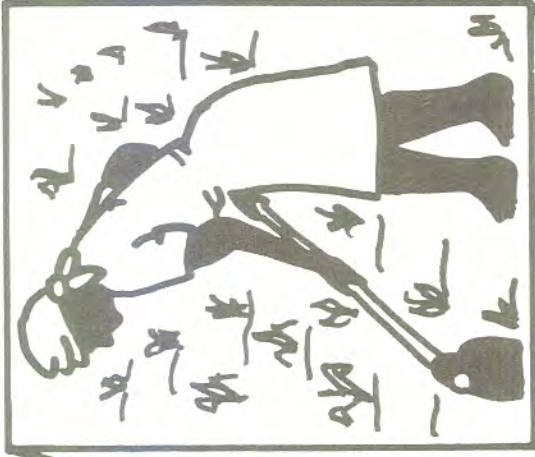
HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
-----	METRIC TONS	PERCENTAGES	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	825	1.0	344	635	344
1.1 - 2.0	2,755	3.5	437	290	230
2.1 - 3.0	7,105	9.0	877	368	290
3.1 - 4.0	5,700	7.2	803	268	196
4.1 - 5.0	7,590	9.6	1,054	262	213
5.1 - 6.0	7,400	9.4	1,609	301	269
6.1 - 7.0	5,740	7.3	1,594	263	226
7.1 - 10.0	17,000	21.6	2,125	278	238
10.1 +	24,655	31.3	3,977	307	250
TOTAL TRADITIONAL	78,770	100.0	1,472	294	241

TABLE - 97 GROUNDNUTS : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGIONS

REGIONS -----	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG. YIELD PER HA'HARVESTED	AVG.YIELD PER HA'PLANTED
	NUMBER	('000)HA	('000)HA	METRIC TONS	KILOGRAMS	KILOGRAMS
SOUTHERN REGION	50	0.1	0.1	30	300	300
GABORONE REGION	500	0.3	0.2	60	300	200
CENTRAL REGION	100	0.1	0.1	40	400	400
FRANCISTOWN REGION	100	0.1	-. -	-. -	-. -	-. -
MAUN REGION	50	0.1	-. -	-. -	-. -	-. -
WESTERN REGION	-. -	-. -	-. -	-. -	-. -	-. -
TOTAL TRADITIONAL	800	0.7	0.4	130	325	186
TOTAL COMMERCIAL	10	0.4	0.2	180	900	450
TOTAL	810	1.1	0.6	310	517	282

TABLE - 98 SUN-FLOWER : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGIONS

REGIONS -----	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG. YIELD PER HA'HARVESTED	AVG.YIELD PER HA'PLANTED
	NUMBER	('000)HA	('000)HA	METRIC TONS	KILOGRAMS	KILOGRAMS
SOUTHERN REGION	50	0.2	0.2	30	150	150
GABORONE REGION	150	0.2	0.1	20	200	100
CENTRAL REGION	100	0.1	-. -	-. -	-. -	-. -
FRANCISTOWN REGION	50	0.1	-. -	-. -	-. -	-. -
MAUN REGION	50	0.1	-. -	-. -	-. -	-. -
WESTERN REGION	-. -	-. -	-. -	-. -	-. -	-. -
TOTAL TRADITIONAL	400	0.7	0.3	50	167	71
TOTAL COMMERCIAL	10	0.4	0.2	150	750	375
TOTAL	410	1.1	0.5	200	400	182



Farm Practices

TABLE-99 SORGHUM SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
TRADITIONAL	--KG('000)--			--KG/HA--		
BAROLONG	47.1	22.8	69.9	7.2	10.4	8.0
NGWAKETSE SOUTH	108.4	59.7	168.1	9.7	8.1	9.0
NGWAKETSE NORTH	142.1	122.5	264.6	12.1	10.7	11.5
SOUTHERN REGION	297.6	205.0	502.6	10.1	9.8	10.0
BAMALETE	12.4	37.3	49.7	17.7	10.4	11.6
KWENENG SOUTH	64.2	318.4	382.6	10.2	11.1	10.8
KWENENG NORTH	27.9	76.4	104.3	17.4	7.0	8.3
KGATLENG	44.9	219.3	264.2	12.8	10.4	10.8
GABORONE REGION	149.4	651.4	800.8	12.3	10.1	10.5
MAHALAPYE EAST	41.1	169.2	210.3	17.9	9.0	10.0
MAHALAPYE WEST	41.3	94.3	135.6	37.5	9.0	11.7
PALAPYE	105.1	157.4	262.5	75.1	10.6	16.1
SEROWE	51.3	100.8	152.1	16.0	9.7	11.2
BOBONONG	33.8	230.7	264.5	5.7	16.1	13.1
CENTRAL REGION	272.6	752.4	1025.0	19.6	10.9	12.4
TATI	9.2	115.2	124.4	13.1	8.9	9.1
TUTUME	18.7	129.3	148.0	14.4	9.6	10.1
FRANCISTOWN REGION	27.9	244.5	272.4	14.0	9.3	9.6
NGAMILAND WEST	6.5	48.7	55.2	16.3	15.2	15.3
NGAMILAND EAST	-.-	29.3	29.3	-.-	18.3	18.3
CHOBE	-.-	20.4	20.4	-.-	17.0	17.0
MAUN REGION	6.5	98.4	104.9	16.3	16.4	16.4
GHANZI	-.-	3.0	3.0	-.-	15.0	15.0
KGALAGADI	-.-	9.3	9.3	-.-	7.8	7.8
WESTERN REGION	-.-	12.3	12.3	-.-	8.8	8.8
TOTAL TRADITIONAL	754.0	1964.0	2718.0	13.0	10.5	11.1

TABLE-100 MAIZE SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
TRADITIONAL	--KG ('000)--			--KG/HA--		
BAROLONG	2.3	4.5	6.8	11.5	11.3	11.3
NGWAKETSE SOUTH	9.7	15.6	25.3	10.8	9.8	10.1
NGWAKETSE NORTH	8.0	71.2	79.2	6.7	31.0	22.6
SOUTHERN REGION	20.0	91.3	111.3	8.7	21.2	16.9
BAMALETE	3.3	12.8	16.1	11.0	14.2	13.4
KWENENG SOUTH	7.1	59.5	66.6	11.8	8.5	8.8
KWENENG NORTH	1.8	11.4	13.2	18.0	6.0	6.6
KGATLENG	11.9	47.2	59.1	6.0	9.4	8.4
GABORONE REGION	24.1	130.9	155.0	8.0	8.8	8.7
MAHALAPYE EAST	-.-	26.3	26.3	-.-	10.1	10.1
MAHALAPYE WEST	2.9	23.3	26.2	14.5	13.7	13.8
PALAPYE	-.-	28.7	28.7	-.-	13.7	13.7
SEROWE	1.6	40.9	42.5	8.0	27.3	25.0
BOBONONG	0.9	45.8	46.7	9.0	13.1	13.0
CENTRAL REGION	5.4	165.0	170.4	10.8	14.5	14.3
TATI	-.-	38.6	38.6	-.-	11.4	11.4
TUTUME	1.1	42.7	43.8	5.5	10.2	10.0
FRANCISTOWN REGION	1.1	81.3	82.4	5.5	10.7	10.6
NGAMILAND WEST	7.3	24.6	31.9	73.0	20.5	24.5
NGAMILAND EAST	4.4	16.0	20.4	14.7	8.4	9.3
CHOBE	10.8	8.8	19.6	6.8	17.6	9.3
MAUN REGION	22.5	49.4	71.9	11.3	13.7	12.8
GHANZI	-.-	6.8	6.8	-.-	17.0	17.0
KGALAGADI	-.-	8.0	8.0	-.-	11.4	11.4
WESTERN REGION	-.-	14.8	14.8	-.-	13.5	13.5
TOTAL TRADITIONAL	73.1	532.7	605.8	9.1	12.4	11.9

TABLE-101 MILLET SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
TRADITIONAL	--KG('000)--			--KG/HA--		
BAROLONG	-.-	-.-	-.-	-.-	-.-	-.-
NGWAKETSE SOUTH	-.-	0.5	0.5	-.-	5.0	5.0
NGWAKETSE NORTH	-.-	0.9	0.9	-.-	9.0	9.0
SOUTHERN REGION	-.-	1.4	1.4	-.-	7.0	7.0
BAMALETE	-.-	0.8	0.8	-.-	8.0	8.0
KWENENG SOUTH	-.-	2.3	2.3	-.-	11.5	11.5
KWENENG NORTH	-.-	1.4	1.4	-.-	2.8	2.8
KGATLENG	2.5	3.8	6.3	12.5	7.6	9.0
GABORONE REGION	2.5	8.3	10.8	12.5	6.4	7.2
MAHALAPYE EAST	-.-	3.5	3.5	-.-	8.8	8.8
MAHALAPYE WEST	-.-	4.1	4.1	-.-	13.7	13.7
PALAPYE	-.-	8.8	8.8	-.-	9.8	9.8
SEROWE	-.-	6.5	6.5	-.-	13.0	13.0
BOBONONG	1.8	9.6	11.4	9.0	12.0	11.4
CENTRAL REGION	1.8	32.5	34.3	9.0	11.2	11.1
TATI	-.-	23.5	23.5	-.-	11.8	11.8
TUTUME	2.0	42.6	44.6	6.7	12.2	11.7
FRANCISTOWN REGION	2.0	66.1	68.1	6.7	12.0	11.7
NGAMILAND WEST	5.6	28.8	34.4	8.0	18.0	15.0
NGAMILAND EAST	-.-	2.1	2.1	-.-	21.0	21.0
CHOBE	-.-	-.-	-.-	-.-	-.-	-.-
MAUN REGION	5.6	30.9	36.5	8.0	18.2	15.2
GHANZI	-.-	-.-	-.-	-.-	-.-	-.-
KGALAGADI	-.-	-.-	-.-	-.-	-.-	-.-
WESTERN REGION	-.-	-.-	-.-	-.-	-.-	-.-
TOTAL TRADITIONAL	11.9	139.2	151.1	8.5	12.0	11.6

TABLE-102 BEANS/PULSES SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
TRADITIONAL	--KG('000)--			--KG/HA--		
BAROLONG	-.-	1.8	1.8	-.-	9.0	9.0
NGWAKETSE SOUTH	0.6	4.5	5.1	6.0	15.0	12.7
NGWAKETSE NORTH	5.3	11.4	16.7	8.8	6.0	6.7
SOUTHERN REGION	5.9	17.7	23.6	8.4	7.4	7.6
BAMALETE	-.-	6.4	6.4	-.-	12.8	12.8
KWENENG SOUTH	-.-	22.2	22.2	-.-	10.6	10.6
KWENENG NORTH	-.-	9.9	9.9	-.-	8.3	8.3
KGATLENG	1.9	9.1	11.0	19.0	13.0	13.8
GABORONE REGION	1.9	47.6	49.5	19.0	10.6	10.8
MAHALAPYE EAST	0.2	16.8	17.0	2.0	11.2	10.6
MAHALAPYE WEST	-.-	21.2	21.2	-.-	16.3	16.3
PALAPYE	-.-	17.7	17.7	-.-	9.8	9.8
SEROWE	-.-	8.3	8.3	-.-	11.9	11.9
BOBONONG	-.-	14.6	14.6	-.-	14.6	14.6
CENTRAL REGION	0.2	78.6	78.8	2.0	12.5	12.3
TATI	-.-	14.6	14.6	-.-	12.2	12.2
TUTUME	-.-	7.8	7.8	-.-	9.8	9.8
FRANCISTOWN REGION	-.-	22.4	22.4	-.-	11.2	11.2
NGAMILAND WEST	-.-	0.6	0.6	-.-	6.0	6.0
NGAMILAND EAST	-.-	0.4	0.4	-.-	4.0	4.0
CHOBE	-.-	0.1	0.1	-.-	-.-	-.-
MAUN REGION	-.-	1.1	1.1	-.-	3.7	3.7
GHAZZI	-.-	1.8	1.8	-.-	9.0	9.0
KGALAGADI	-.-	3.2	3.2	-.-	6.4	6.4
WESTERN REGION	-.-	5.0	5.0	-.-	7.1	7.1
TOTAL TRADITIONAL	8.0	172.4	180.4	8.9	10.6	10.5

TABLE-103 MONTH OF FIRST PLOUGHING/PLANTING: CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
-NUMBER-							
TRADITIONAL							

BAROLONG	- -	- -	200	400	500	100	1,200
NGWAKETSE SOUTH	- -	50	450	1,400	300	100	2,300
NGWAKETSE NORTH	- -	50	1,050	2,900	2,400	200	6,600
SOUTHERN REGION	- -	100	1,700	4,700	3,200	400	10,100
BAMALETE	- -	50	450	1,400	400	- -	2,300
KWENENG SOUTH	- -	100	1,150	3,000	1,450	400	6,100
KWENENG NORTH	- -	- -	450	1,400	550	- -	2,400
KGATLENG	- -	- -	900	3,200	300	100	4,500
GABORONE REGION	- -	150	2,950	9,000	2,700	500	15,300
MAHALAPYE EAST	- -	- -	450	2,350	600	100	3,500
MAHALAPYE WEST	- -	- -	250	1,300	1,150	100	2,800
PALAPYE	- -	50	550	2,550	700	250	4,100
SEROWE	- -	- -	500	2,700	1,000	400	4,600
BOBONONG	50	150	1,050	2,400	1,500	50	5,200
CENTRAL REGION	50	200	2,800	11,300	4,950	900	20,200
TATI	- -	- -	1,200	2,450	600	250	4,500
TUTUME	- -	- -	1,400	3,200	700	100	5,400
FRANCISTOWN REGION	- -	- -	2,600	5,650	1,300	350	9,900
NGAMILAND WEST	- -	100	250	1,500	1,150	100	3,100
NGAMILAND EAST	- -	- -	500	600	800	200	2,100
CHOBE	- -	- -	250	600	250	- -	1,100
MAUN REGION	- -	100	1,000	2,700	2,200	300	6,300
GHANZI	- -	- -	50	100	100	50	300
KGALAGADI	- -	50	50	400	150	50	700
WESTERN REGION	- -	50	100	500	250	100	1,000
TOTAL TRADITIONAL	50	600	11,150	33,850	14,600	2,550	62,800

TABLE-104 MONTH OF FIRST PLOUGHING/PLANTING: CRC'S FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
-PERCENTAGE-							
TRADITIONAL							

BAROLONG	-.-	-.-	16.7	33.3	41.7	8.3	100.0
NGWAKETSE SOUTH	-.-	2.2	19.6	60.9	13.0	4.3	100.0
NGWAKETSE NORTH	-.-	0.8	15.9	43.9	38.4	3.0	100.0
SOUTHERN REGION	-.-	1.0	16.8	46.5	31.7	4.0	100.0
BAMALETE	-.-	2.2	19.6	60.9	17.4	-.-	100.0
KWENENG SOUTH	-.-	1.6	18.9	49.2	23.8	6.6	100.0
KWENENG NORTH	-.-	-.-	18.8	58.3	22.9	-.-	100.0
KGATLENG	-.-	-.-	20.0	71.1	8.7	2.2	100.0
GABORONE REGION	-.-	1.0	19.3	58.8	17.6	3.3	100.0
MAHALAPYE EAST	-.-	-.-	12.9	67.1	17.1	2.9	100.0
MAHALAPYE WEST	-.-	-.-	8.9	46.4	41.1	3.6	100.0
PALAPYE	-.-	1.2	13.4	62.2	17.1	6.1	100.0
SEROWE	-.-	-.-	10.9	58.7	21.7	8.7	100.0
BOBONONG	1.0	2.9	20.2	46.2	28.8	1.0	100.0
CENTRAL REGION	0.2	1.0	13.9	55.9	24.5	4.5	100.0
TATI	-.-	-.-	26.7	54.4	13.3	5.6	100.0
TUTUME	-.-	-.-	25.9	59.3	13.0	1.9	100.0
FRANCISTOWN REGION	-.-	-.-	26.3	57.1	13.1	3.5	100.0
NGAMILAND WEST	-.-	3.2	8.1	48.4	37.1	3.2	100.0
NGAMILAND EAST	-.-	-.-	23.8	28.6	38.1	9.5	100.0
CHOBE	-.-	-.-	22.7	54.5	22.7	-.-	100.0
MAUN REGION	-.-	1.6	15.9	42.9	34.9	4.8	100.0
GHANZI	-.-	-.-	16.7	33.3	33.3	16.7	100.0
KGALAGADI	-.-	7.1	7.1	57.1	21.4	7.1	100.0
WESTERN REGION	-.-	5.0	10.0	50.0	25.0	10.0	100.0
TOTAL TRADITIONAL	0.1	1.0	17.8	53.9	23.2	4.1	100.0

TABLE - 105 DRAFT POWER USED TO PLOUGH FIELDS : CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/ MULES	TRACTORS -NUMBER-	TRACTORS AND ANIMALS	OTHERS	TOTAL
TRADITIONAL							
BAROLONG	100	200	- -	800	100	- -	1,200
NGWAKETSE SOUTH	350	600	50	1,200	100	- -	2,300
NGWAKETSE NORTH	2,750	950	250	2,350	300	- -	6,600
SOUTHERN REGION	3,200	1,750	300	4,350	500	- -	10,100
BAMALETE	100	300	100	1,800	- -	- -	2,300
KWENENG SOUTH	2,150	450	300	3,100	100	- -	6,100
KWENENG NORTH	1,400	100	50	700	150	- -	2,400
KGATLENG	100	300	100	3,900	100	- -	4,500
GABORONE REGION	3,750	1,150	550	9,500	350	- -	15,300
MAHALAPYE EAST	600	200	50	2,600	50	- -	3,500
MAHALAPYE WEST	150	250	50	2,300	50	- -	2,800
PALAPYE	800	950	500	1,850	- -	- -	4,100
SEROWE	1,500	100	200	2,800	- -	- -	4,600
BOBONONG	700	3,100	400	800	200	- -	5,200
CENTRAL REGION	3,750	4,600	1,200	10,350	300	- -	20,200
TATI	1,800	500	500	1,200	500	- -	4,500
TUTUME	4,400	100	100	500	200	100	5,400
FRANCISTOWN REGION	6,200	600	600	1,700	700	100	9,900
NGAMILAND WEST	2,300	200	200	200	100	100	3,100
NGAMILAND EAST	600	900	150	350	- -	100	2,100
CHOBE	750	200	50	100	- -	- -	1,100
MAUN REGION	3,650	1,300	400	650	100	200	6,300
GHANZI	50	150	50	50	- -	- -	300
KGALAGADI	250	100	50	250	50	- -	700
WESTERN REGION	300	250	100	300	50	- -	1,000
TOTAL TRADITIONAL	20,850	9,650	3,150	26,850	2,000	300	62,800

TABLE - 106 DRAFT POWER USED TO PLOUGH FIELDS : CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/ MULES	TRACTORS -PERCENTAGE-	TRACTORS AND ANIMALS	OTHERS	TOTAL
TRADITIONAL							
* BAROLONG	8.3	16.7	-.-	66.7	8.3	-.-	100.0
NGWAKETSE SOUTH	15.2	26.1	2.2	52.2	4.3	-.-	100.0
NGWAKETSE NORTH	41.7	14.4	3.8	35.6	4.5	-.-	100.0
SOUTHERN REGION	31.7	17.3	3.0	43.1	5.0	-.-	100.0
BAMALETE	4.3	13.0	4.3	78.3	-.-	-.-	100.0
KWENENG SOUTH	35.2	7.4	4.9	50.8	1.6	-.-	100.0
KWENENG NORTH	58.3	4.2	2.1	29.2	6.3	-.-	100.0
* KGATLENG	2.2	6.7	2.2	86.7	2.2	-.-	100.0
GABORONE REGION	24.5	7.5	3.6	62.1	2.3	-.-	100.0
MAHALAPYE EAST	17.1	5.7	1.4	74.3	1.4	-.-	100.0
* MAHALAPYE WEST	5.4	8.9	1.8	82.1	1.8	-.-	100.0
PALAPYE	19.5	23.2	12.2	45.1	-.-	-.-	100.0
SEROWE	32.6	2.2	4.3	60.9	-.-	-.-	100.0
BOBONONG	13.5	59.6	7.7	15.4	3.8	-.-	100.0
CENTRAL REGION	18.6	22.8	5.9	51.2	1.5	-.-	100.0
TATI	40.0	11.1	11.1	26.7	11.1	-.-	100.0
TUTUME	81.5	1.9	1.9	9.3	3.7	1.9	100.0
FRANCISTOWN REGION	62.6	6.1	6.1	17.2	7.1	1.0	100.0
NGAMILAND WEST	74.2	6.5	6.5	6.5	3.2	3.2	100.0
NGAMILAND EAST	28.6	42.9	7.1	16.7	-.-	4.8	100.0
CHOBE	68.2	18.2	4.5	9.1	-.-	-.-	100.0
MAUN REGION	57.9	20.6	6.3	10.3	1.6	3.2	100.0
GHANZI	16.7	50.0	16.7	16.7	-.-	-.-	100.0
KGALAGADI	35.7	14.3	7.1	35.7	7.1	-.-	100.0
WESTERN REGION	30.0	25.0	10.0	30.0	5.0	-.-	100.0
TOTAL TRADITIONAL	33.2	15.4	5.0	42.8	3.2	0.5	100.0

TABLE-107 DRAFT-OWNERSHIP: CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
	-NUMBER-					
TRADITIONAL						

BAROLONG	300	- -	800	- -	100	1,200
NGWAKETSE SOUTH	850	50	1,150	150	100	2,300
NGWAKETSE NORTH	2,600	300	3,100	300	300	6,600
SOUTHERN REGION	3,750	350	5,050	450	500	10,100
BAMALETE	300	- -	1,900	100	- -	2,300
KWENENG SOUTH	1,400	100	4,000	400	200	6,100
KWENENG NORTH	700	- -	1,200	400	100	2,400
KGATLENG	500	200	3,500	300	- -	4,500
GABORONE REGION	2,900	300	10,600	1,200	300	15,300
MAHALAPYE EAST	600	50	2,750	50	50	3,500
MAHALAPYE WEST	200	- -	2,450	100	50	2,800
PALAPYE	1,100	100	2,450	300	150	4,100
SEROWE	1,200	100	3,000	200	100	4,600
BOBONONG	2,750	100	950	900	500	5,200
CENTRAL REGION	5,850	350	11,600	1,550	850	20,200
TATI	1,050	150	1,900	900	500	4,500
TUTUME	2,800	50	1,150	700	700	5,400
FRANCISTOWN REGION	3,850	200	3,050	1,600	1,200	9,900
NGAMILAND WEST	1,050	- -	350	1,500	200	3,100
NGAMILAND EAST	1,000	- -	500	500	100	2,100
CHOBE	400	50	200	450	- -	1,100
MAUN REGION	2,450	50	1,050	2,450	300	6,300
GHANZI	200	- -	50	50	- -	300
KGALAGADI	250	- -	350	100	- -	700
WESTERN REGION	450	- -	400	150	- -	1,000
TOTAL TRADITIONAL	19,250	1,250	31,750	7,400	3,150	62,800

TABLE-108 DRAFT-OWNERSHIP: CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
-PERCENTAGE-						
TRADITIONAL						

BAROLONG	25.0	-.-	66.7	-.-	8.3	100.0
NGWAKETSE SOUTH	37.0	2.2	50.0	6.5	4.3	100.0
NGWAKETSE NORTH	39.4	4.5	47.0	4.5	4.5	100.0
SOUTHERN REGION	37.1	3.5	50.0	4.5	5.0	100.0
BAMALETE	13.0	-.-	82.6	4.3	-.-	100.0
KWENENG SOUTH	23.0	1.6	65.6	6.6	3.3	100.0
KWENENG NORTH	29.2	-.-	50.0	16.7	4.2	100.0
KGATLENG	11.1	4.4	77.8	6.7	-.-	100.0
GABORONE REGION	19.0	2.0	69.3	7.8	2.0	100.0
MAHALAPYE EAST	17.1	1.4	78.6	1.4	1.4	100.0
MAHALAPYE WEST	7.1	-.-	87.5	3.6	1.8	100.0
PALAPYE	26.8	2.4	59.8	7.3	3.7	100.0
SEROWE	26.1	2.2	65.2	4.3	2.2	100.0
BOBONONG	52.9	1.9	18.3	17.3	9.6	100.0
CENTRAL REGION	29.0	1.7	57.4	7.7	4.2	100.0
TATI	23.3	3.3	42.2	20.0	11.1	100.0
TUTUME	51.9	0.9	21.3	13.0	13.0	100.0
FRANCISTOWN REGION	38.9	2.0	30.8	16.2	12.1	100.0
NGAMILAND WEST	33.9	-.-	11.3	48.4	6.5	100.0
NGAMILAND EAST	47.6	-.-	23.8	23.8	4.8	100.0
CHOBE	36.4	4.5	18.2	40.9	-.-	100.0
MAUN REGION	38.9	0.8	16.7	38.9	4.8	100.0
GHANZI	66.7	-.-	16.7	16.7	-.-	100.0
KGALAGADI	35.7	-.-	50.0	14.3	-.-	100.0
WESTERN REGION	45.0	-.-	40.0	15.0	-.-	100.0
TOTAL TRADITIONAL	30.7	2.0	50.6	11.8	5.0	100.0

TABLE-109 DRAFT-OWNERSHIP: CROP FARMS BY TYPE OF DRAFT POWER

DRAFT POWER	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
-NUMBER-						
OXEN AND OR OTHER CATTLE	9,600	550	4,600	4,500	1,600	20,850
DONKEYS/MULES	5,700	100	1,700	1,600	550	9,650
CATTLE AND DONKEYS/MULES	2,150	- -	500	- -	500	3,150
TRACTORS	1,900	100	24,500	300	50	26,850
TRACTORS AND ANIMALS	750	200	500	350	200	2,000
OTHERS	50	200	- -	- -	50	300
TOTAL TRADITIONAL	20,150	1,150	31,800	6,750	2,950	62,800

TABLE-110 DRAFT-POWER: CROP FARMS BY PLANTING METHODS USED TO PLOUGH FIELDS

DRAFT POWER	BROADCASTING	ROW PLANTER	BROADCASTING & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
-NUMBER-					
OXEN AND OR OTHER CATTLE	20,000	300	400	150	20,850
DONKEYS/MULES	8,650	700	200	100	9,650
CATTLE AND DONKEYS/MULES	2,350	300	500	- -	3,150
TRACTORS	19,250	5,700	1,150	750	26,850
TRACTORS AND ANIMALS	1,700	50	200	50	2,000
OTHERS	250	- -	- -	50	300
TOTAL TRADITIONAL	52,200	7,050	2,450	1,100	62,800

TABLE - 111 CATTLE DRAFT POWER BY REGIONS

TRADITIONAL -----	CATTLE DRAFT POWER -----		RATIO OF DRAFT CATTLE TO TOTAL CROP FARMS (%)	RATIO OF DRAFT CATTLE TO TOTAL CATTLE (%)	AVG. SIZE OF CATTLE USED FOR PLOUGHING (NUMBER)
	FARMS (NUMBER)	CATTLE (NUMBER)			
SOUTHERN REGION	4,500	28,400	44.6	11.4	6.3
GABORONE REGION	4,800	28,900	31.4	10.1	6.0
CENTRAL REGION	4,200	25,800	20.8	3.5	6.1
FRANCISTOWN REGION	7,200	40,400	72.7	13.7	5.6
MAUN REGION	4,000	14,400	63.5	5.1	3.6
WESTERN REGION	200	1,400	20.0	1.2	7.0
TOTAL TRADITIONAL	24,900	139,300	39.6	7.1	5.6

TABLE-112 PLANTING METHOD: CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
	-NUMBER-				
TRADITIONAL					

BAROLONG	200	900	100	- -	1,200
NGWAKETSE SOUTH	500	1,600	200	- -	2,300
NGWAKETSE NORTH	4,400	1,900	300	- -	6,600
SOUTHERN REGION	5,100	4,400	600	- -	10,100
BAMALETE	2,050	200	- -	50	2,300
KWENENG SOUTH	5,800	200	100	- -	6,100
KWENENG NORTH	2,300	100	- -	- -	2,400
KGATLENG	4,000	200	300	- -	4,500
GABORONE REGION	14,150	700	400	50	15,300
MAHALAPYE EAST	3,300	150	50	- -	3,500
MAHALAPYE WEST	1,900	700	200	- -	2,800
PALAPYE	3,900	- -	100	100	4,100
SEROWE	4,100	200	200	100	4,600
BOBONONG	4,800	100	200	100	5,200
CENTRAL REGION	18,000	1,150	750	300	20,200
TATI	4,000	300	200	- -	4,500
TUTUME	5,200	100	100	- -	5,400
FRANCISTOWN REGION	9,200	400	300	- -	9,900
NGAMILAND WEST	2,700	100	100	200	3,100
NGAMILAND EAST	1,500	100	100	400	2,100
CHOBE	700	100	200	100	1,100
MAUN REGION	4,900	300	400	700	6,300
Ghanzi	250	50	- -	- -	300
KGALAGADI	600	50	50	- -	700
WESTERN REGION	850	100	50	- -	1,000
TOTAL TRADITIONAL	52,200	7,050	2,500	1,050	62,800

TABLE-113 PLANTING METHOD: CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
-PERCENTAGE-					
TRADITIONAL					

BAROLONG	16.7	75.0	8.3	-. -	100.0
NGWAKETSE SOUTH	21.7	69.6	8.7	-. -	100.0
NGWAKETSE NORTH	66.7	28.8	4.5	-. -	100.0
SOUTHERN REGION	50.5	43.6	5.9	-. -	100.0
BAMALETE	89.1	8.7	-. -	2.2	100.0
KWENENG SOUTH	95.1	3.3	1.6	-. -	100.0
KWENENG NORTH	95.8	4.2	-. -	-. -	100.0
KGATLENG	88.9	4.4	6.7	-. -	100.0
GABORONE REGION	92.5	4.6	2.6	0.3	100.0
MAHALAPYE EAST	94.3	4.3	1.4	-. -	100.0
MAHALAPYE WEST	67.9	25.0	7.1	-. -	100.0
PALAPYE	95.1	-. -	2.4	2.4	100.0
SEROWE	89.1	4.3	4.3	2.2	100.0
BOBONONG	92.3	1.9	3.8	1.9	100.0
CENTRAL REGION	89.1	5.7	3.7	1.5	100.0
TATI	88.9	6.7	4.4	-. -	100.0
TUTUME	96.3	1.9	1.9	-. -	100.0
FRANCISTOWN REGION	92.9	4.0	3.0	-. -	100.0
NGAMILAND WEST	87.1	3.2	3.2	6.5	100.0
NGAMILAND EAST	71.4	4.8	4.8	19.0	100.0
CHOBE	63.6	9.1	18.2	9.1	100.0
MAUN REGION	77.8	4.8	6.3	11.1	100.0
GHANZI	83.3	16.7	-. -	-. -	100.0
KGALAGADI	85.7	7.1	7.1	-. -	100.0
WESTERN REGION	85.0	10.0	5.0	-. -	100.0
TOTAL TRADITIONAL	83.1	11.2	4.0	1.7	100.0

TABLE-114 FARM EQUIPMENTS/MACHINERY : NUMBER OF IMPLEMENTS BY REGIONS

	TRACTOR	HARROW	PLOUGH SINGLE	PLOUGH DOUBLE	PLANTER SINGLE	PLANTER DOUBLE	CULTIVATOR	HOE
TRADITIONAL	-NUMBER-							
SOUTHERN REGION	1,050	1,400	10,000	5,500	2,600	3,500	1,100	17,000
GABORONE REGION	1,200	1,300	15,000	9,100	1,500	1,200	900	28,000
CENTRAL REGION	1,000	1,600	20,000	9,600	1,500	1,100	850	39,000
FRANCISTOWN REGION	600	500	14,000	3,000	700	400	600	21,000
MAUN REGION	100	450	6,400	500	600	300	250	11,000
WESTERN REGION	100	100	900	200	100	100	- -	1,400
TOTAL TRADITIONAL	4,050	5,350	66,300	27,900	7,000	6,600	3,700	117,400
TOTAL COMMERCIAL	600	350	300	400	150	300	350	1,100
TOTAL	4,650	5,700	66,600	28,300	7,150	6,900	4,050	118,500

TABLE-115 FENCING USED: CROP FARMS USING FENCE AND KIND OF FENCE BY REGIONS

	TOTAL CROP FARMS	CROP FARMS USING FENCES	KIND OF FENCE USED
TRADITIONAL		TOTAL CROP FARMS NUMBER	RATIO TO CROP FARMS PERCENTAGE
			BRUSH WIRE BOTH
			-----NUMBER-----
SOUTHERN REGION	10,100	5,000	49.5
GABORONE REGION	15,300	8,300	54.2
CENTRAL REGION	20,200	16,700	82.7
FRANCISTOWN REGION	9,900	7,000	70.7
MAUN REGION	6,300	4,200	66.7
WESTERN REGION	1,000	900	90.0
TOTAL TRADITIONAL	62,800	42,100	67.0
			19,100 19,700 2,500

TABLE-116 FERTILIZER USAGE: CROP FARMS BY USE AND TYPE OF FERTILIZER BY REGIONS

	TOTAL CROP FARMS	CHEMICAL	MANURE	BOTH	TOTAL	RATIO OF CROP FARMS USING FERTILIZERS
TRADITIONAL						
-----			-NUMBER-			(%)
SOUTHERN REGION	10,100	3,200	500	500	4,200	41.6
GABORONE REGION	15,300	2,700	700	550	3,950	25.8
CENTERAL REGION	20,200	2,000	200	600	2,800	13.9
FRANCISTOWN REGION	9,900	1,200	300	250	1,750	17.7
MAUN REGION	6,300	100	100	100	300	4.8
WESTERN REGION	1,000	50	50	50	150	15.0
TOTAL TRADITIONAL	62,800	9,250	1,850	2,050	13,150	20.9
TOTAL COMMERCIAL	170	140	15	15	170	100.0
TOTAL	62,970	9,390	1,865	2,065	13,320	21.2

TABLE-117 WEEDING : FARMS WEEDING,RATIO OF FARMS WEEDED TO TOTAL CROP FARMS AND NUMBER OF TIMES FARM WEEDED BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL CROP FARMS	NUMBER OF TIMES FARM WEEDED			FARMS WEEDED	RATIO OF FARMS WEEDED TO CROP FARMS
		ONCE	TWICE	THRICE OR MORE		
TRADITIONAL		--NUMBER--			--NUMBER--	(%)
BAROLONG	1,200	900	100	- -	1,000	83.3
NGWAKETSE SOUTH	2,300	1,700	300	- -	2,000	87.0
NGWAKETSE NORTH	8,600	4,400	200	100	4,700	71.2
SOUTHERN REGION	10,100	7,000	600	100	7,700	76.2
BAMALETE	2,300	1,300	- -	- -	1,300	56.5
KWENENG SOUTH	6,100	5,200	500	100	5,800	95.1
KWENENG NORTH	2,400	2,000	200	- -	2,200	91.7
KGATLENG	4,500	4,000	300	100	4,400	97.8
GABORONE REGION	15,300	12,500	1,000	200	13,700	89.5
MAHALAPYE EAST	3,500	3,000	200	- -	3,200	91.4
MAHALAPYE WEST	2,800	2,200	300	- -	2,500	89.3
PALAPYE	4,100	3,400	300	100	3,800	92.7
SEROWE	4,600	3,200	300	100	3,600	78.3
BOBONONG	5,200	4,500	200	100	4,800	92.3
CENTRAL REGION	20,200	16,300	1,300	300	17,900	88.6
TATI	4,500	4,000	100	100	4,200	93.3
TUTUME	5,400	5,000	100	- -	5,100	94.4
FRANCISTOWN REGION	9,900	9,000	200	100	9,300	93.9
NGAMILAND WEST	3,100	2,500	200	- -	2,700	87.1
NGAMILAND EAST	2,100	800	400	- -	1,200	57.1
CHOBE	1,100	700	200	- -	900	81.8
MAUN REGION	6,300	4,000	800	- -	4,800	76.2
GHANZI	300	200	- -	- -	200	66.7
KGALAGADI	700	300	100	- -	400	57.1
WESTERN REGION	1,000	500	100	- -	600	60.0
TOTAL TRADITIONAL	62,800	49,300	4,000	700	54,000	86.0

TABLE-118 LABOUR: FAMILY, HIRED AND TOTAL USED FOR PLOUGHING/PLANTING BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FAMILY	LABOUR	HIRED	LABOUR	TOTAL	LABOUR
	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM
TRADITIONAL						
BAROLONG	1,400	1.2	2,900	2.4	4,300	3.6
NGWAKETSE SOUTH	6,700	2.9	3,900	1.7	10,600	4.6
NGWAKETSE NORTH	14,000	2.1	8,000	1.2	22,000	3.3
SOUTHERN REGION	22,100	2.2	14,800	1.5	36,900	3.7
BAMALETE	3,700	1.6	3,200	1.4	6,900	3.0
KWENENG SOUTH	17,500	2.9	10,000	1.6	27,500	4.5
KWENENG NORTH	7,400	3.1	3,900	1.6	11,300	4.7
KGATLENG	10,500	2.3	10,800	2.4	21,300	4.7
GABORONE REGION	39,100	2.6	27,900	1.8	67,000	4.4
MAHALAPYE EAST	10,200	2.9	7,800	2.2	18,000	5.1
MAHALAPYE WEST	6,800	2.4	5,800	2.1	12,600	4.5
PALAPYE	12,600	3.1	7,300	1.8	19,900	4.9
SEROWE	9,300	2.0	7,000	1.5	16,300	3.5
BOBONONG	17,500	3.4	4,000	0.8	21,500	4.1
CENTRAL REGION	56,400	2.8	31,900	1.6	88,300	4.4
TATI	17,000	3.8	4,500	1.0	21,500	4.8
TUTUME	20,000	3.7	4,700	0.9	24,700	4.6
FRANCISTOWN REGION	37,000	3.7	9,200	0.9	46,200	4.7
NGAMILAND WEST	7,400	2.4	2,100	0.7	9,500	3.1
NGAMILAND EAST	3,400	1.6	800	0.4	4,200	2.0
CHOBE	2,000	1.8	600	0.5	2,600	2.4
MAUN REGION	12,800	2.0	3,500	0.6	16,300	2.6
GHANZI	1,300	4.3	400	1.3	1,700	5.7
KGALAGADI	1,800	2.6	500	0.7	2,300	3.3
WESTERN REGION	3,100	3.1	900	0.9	4,000	4.0
TOTAL TRADITIONAL	170,500	2.7	88,200	1.4	258,700	4.1

TABLE - A APPENDIX - I : FARMS,SEX OF HOLDER,TOTAL LAND AND AREA PLANTED BY SIZE
OF CATTLE HOLDING. TRADITIONAL FARMS

HERD SIZE	FARMS		SEX OF HOLDER		TOTAL LAND		AREA FOUR	PLANTED CROPS
TRADITIONAL	NUMBER	PERCENTAGE	--PERCENTAGE--		HECTARES ('000)	PERCENTAGE	HECTARES ('000)	PERCENTAGE
0	32,800	38.2	53.7	46.3	140.7	37.9	120.2	36.8
1 - 10	17,700	20.6	51.9	48.1	63.7	17.2	58.9	18.0
11 - 20	12,800	14.9	78.0	22.0	69.7	18.8	59.1	18.1
21 - 30	7,100	8.3	83.5	16.5	30.8	8.3	29.7	9.1
31 - 40	4,400	5.1	89.5	10.5	20.8	5.6	19.0	5.8
41 - 50	2,600	3.0	82.7	17.3	10.7	2.9	10.4	3.2
51 - 60	1,700	2.0	79.9	20.1	5.9	1.6	5.3	1.6
61 - 100	2,800	3.3	79.2	20.8	15.8	4.3	12.3	3.8
101 - 150	1,500	1.7	81.1	18.9	4.7	1.3	4.2	1.3
151 +	2,500	2.9	83.2	16.8	8.0	2.2	7.5	2.3
TOTAL TRADITIONAL	85,900	100.0	65.1	34.9	370.8	100.0	326.6	100.0

TABLE - B APPENDIX - I : AREA HARVESTED,TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF CATTLE HOLDING
TRADITIONAL FARMS

HERD SIZE	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG.YIELD/ HA'PLANTED	AVG.YIELD/ HA'HARVESTED
TRADITIONAL	HECTARES ('000)	PERCENTAGE	TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	92.4	34.5	25,700	32.6	214	278
1 - 10	49.6	18.5	15,165	19.3	257	306
11 - 20	51.3	19.1	11,735	14.9	199	229
21 - 30	25.5	9.5	7,090	9.0	239	278
31 - 40	16.6	6.2	5,625	7.1	296	339
41 - 50	8.7	3.2	3,565	4.5	343	410
51 - 60	4.1	1.5	1,980	2.5	374	483
61 - 100	9.7	3.6	4,360	5.5	354	449
101 - 150	3.6	1.3	1,170	1.5	279	325
151 +	6.7	2.5	2,380	3.0	317	355
TOTAL TRADITIONAL	268.2	100.0	78,770	100.0	241	294

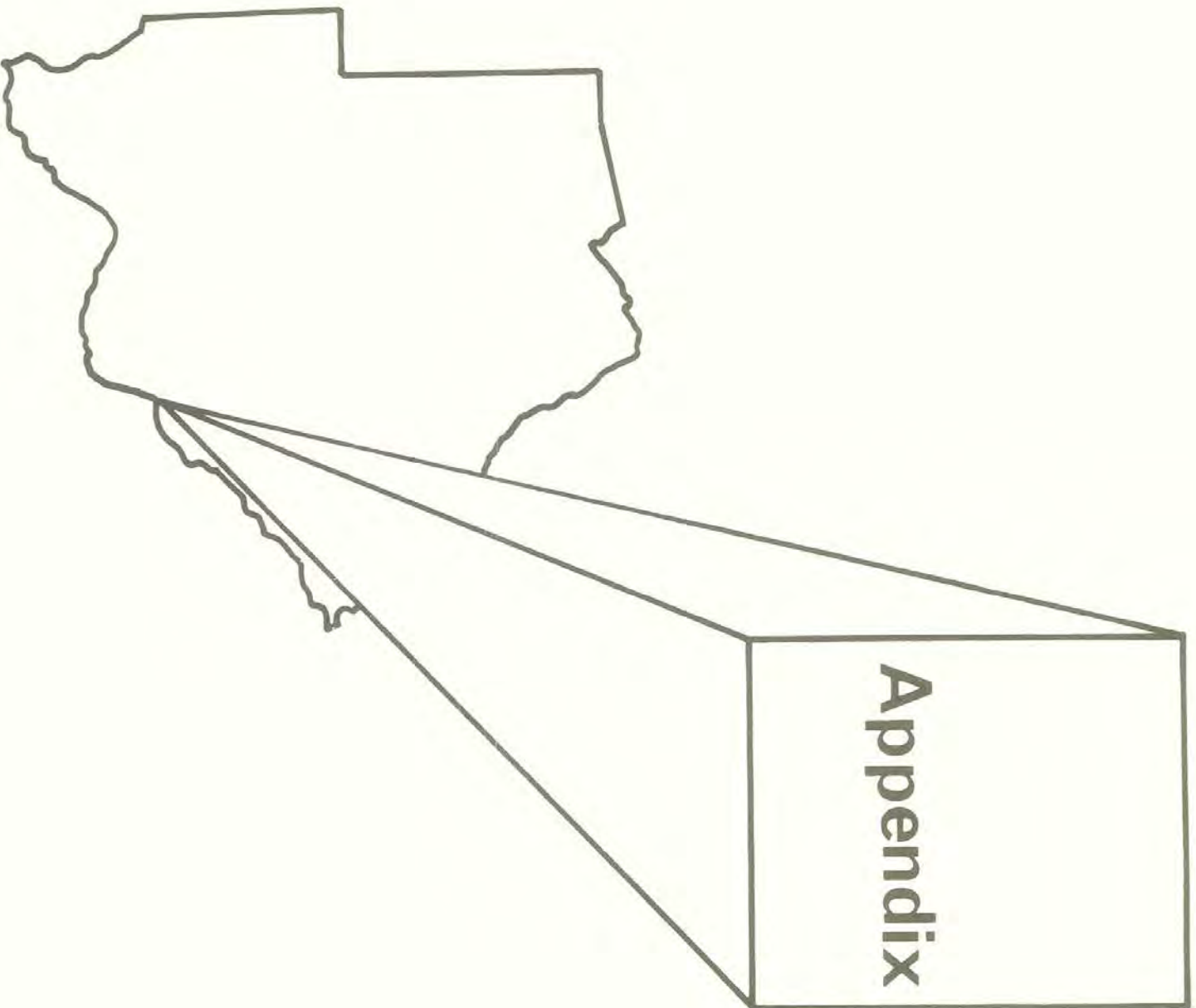


TABLE - A APPENDIX -II : FARMS,SEX OF HOLDER,TOTAL LAND AND AREA PLANTED BY SIZE
OF TOTAL PRODUCTION. TRADITIONAL FARMS

TOTAL PRODUCTION		FARMS		SEX OF HOLDER		TOTAL LAND		AREA FOUR	PLANTED CROPS
FOUR CROPS		-----		-----		-----		-----	-----
TRADITIONAL		NUMBER	PERCENTAGE	--PERCENTAGE--		HECTARES ('000)	PERCENTAGE	HECTARES ('000)	PERCENTAGE
-----		-----		-----		-----		-----	
KILOGRAMS									
	0	31,700	36.9	65.8	34.2	37.0	10.0	32.3	9.9
1	- 250	12,400	14.4	61.6	38.4	42.5	11.5	37.7	11.5
251	- 500	10,700	12.5	62.6	37.4	52.7	14.2	46.4	14.2
501	- 750	7,200	8.4	60.5	39.5	40.8	11.0	35.4	10.8
751	- 1000	5,300	6.2	73.5	26.5	33.2	9.0	29.0	8.9
1001	- 1500	5,900	6.9	65.6	34.4	37.1	10.0	34.3	10.5
1501	- 2000	3,200	3.7	66.0	34.0	42.0	11.3	36.8	11.3
2001	- 3000	4,000	4.7	74.4	25.6	16.8	4.5	17.5	5.4
3001	+	5,500	6.4	75.5	24.5	68.7	18.5	57.2	17.5
TOTAL	TRADITIONAL	85,900	100.0	65.1	34.9	370.8	100.0	326.6	100.0

TABLE - B APPENDIX -II : AREA HARVESTED,TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF TOTAL PRODUCTION
TRADITIONAL FARMS

TOTAL PRODUCTION FOUR CROPS		AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG.YIELD/ HA'PLANTED	AVG.YIELD/ HA'HARVESTED
-----		-----		-----		-----	-----
TRADITIONAL		HECTARES	PERCENTAGE	TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
-----		-----		-----		-----	
KILOGRAMS		('000)					
	0	-.-	-.-	-.-	-.-	-.-	-.-
1	- 250	31.9	11.9	1,685	2.1	45	53
251	- 500	40.1	14.9	4,165	5.3	90	104
501	- 750	30.2	11.3	4,810	6.1	136	159
751	- 1000	27.2	10.1	4,780	6.1	165	176
1001	- 1500	30.6	11.4	7,835	9.9	228	256
1501	- 2000	35.4	13.2	10,495	13.3	285	296
2001	- 3000	16.2	6.0	5,640	7.2	322	348
3001	+	56.7	21.1	39,360	50.0	688	694
TOTAL	TRADITIONAL	268.3	100.0	78,770	100.0	241	294

TABLE - A APPENDIX -III : FARMS,SEX OF HOLDER,TOTAL LAND AND AREA PLANTED BY SIZE
OF AVERAGE YIELD PER HECTARE. TRADITIONAL FARMS

AVERAGE YIELD FOUR CROPS		FARMS		SEX OF HOLDER		TOTAL LAND		AREA FOUR	PLANTED CROPS
TRADITIONAL		NUMBER	PERCENTAGE	--PERCENTAGE--		HECTARES ('000)	PERCENTAGE	HECTARES ('000)	PERCENTAGE
KILOGRAMS									
	0	31,700	36.9	65.6	34.4	37.0	10.0	32.3	9.9
1	- 50	6,700	7.8	62.9	37.1	42.4	11.4	35.4	10.8
51	- 100	8,000	9.3	65.3	34.7	51.9	14.0	46.3	14.2
101	- 150	7,300	8.5	67.9	32.1	45.5	12.3	40.6	12.4
151	- 200	5,900	6.9	63.5	36.5	42.0	11.3	37.6	11.5
201	- 250	5,000	5.8	71.3	28.7	22.3	6.0	19.6	6.0
251	- 300	4,200	4.9	63.6	36.4	27.8	7.5	25.3	7.7
301	- 400	4,700	5.5	70.2	29.8	28.4	7.7	24.0	7.3
401	- 500	3,200	3.7	66.0	34.0	16.0	4.3	13.9	4.3
501	- 600	2,400	2.8	63.3	36.7	16.4	4.4	13.6	4.2
601	+	6,800	7.9	67.4	32.6	41.1	11.1	38.0	11.6
TOTAL TRADITIONAL		85,900	100.0	65.1	34.9	370.8	100.0	326.6	100.0

TABLE - B APPENDIX -III : AREA HARVESTED,TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF AVERAGE SIZE PER HECTARE
TRADITIONAL FARMS

AVERAGE YIELD FOUR CROPS		AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG.YIELD/ HA' PLANTED	AVG.YIELD/ HA' HARVESTED
TRADITIONAL		HECTARES ('000)	PERCENTAGE	TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
KILOGRAMS							
	0	-	-	-	-	-	-
1	- 50	34.2	12.7	1,080	1.4	31	32
51	- 100	41.4	15.4	3,345	4.2	72	81
101	- 150	37.8	14.1	4,545	5.9	114	123
151	- 200	33.4	12.4	5,340	7.5	158	178
201	- 250	19.0	7.1	4,495	5.7	229	237
251	- 300	23.2	8.6	6,295	8.0	249	271
301	- 400	21.6	8.1	8,160	10.4	340	378
401	- 500	12.7	4.7	5,630	7.1	405	443
501	- 600	12.7	4.7	7,020	8.9	516	553
601	+	32.3	12.0	32,160	40.8	846	996
TOTAL TRADITIONAL		268.3	100.0	78,770	100.0	241	294

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