



CONFIDENTIAL

2015 AGRICULTURAL CENSUS QUESTIONNAIRE



Form I: Identification Form - First Visit

Section I: Locality Identification Form

(Codes)

- 1 Administrative District _____
- 2 Census District _____
- 3 Enumeration Area _____
- 4 Block Number _____
- 5 Locality Name _____

- 6 Enumerator's Name _____
- Enumerator's signature _____
- 7 Date when listing commenced _____
- 8 Date when listing completed _____

- 9 Supervisor's Name _____
- Supervisor's Signature _____
- 10 Date Checked _____

Form Continuation
Total Number of Forms

This Page is

Part

of

11 (Office and Supervisor Use)

Selection Number	Random Start	Interval
1-20	Take All	Take All

- 12a Total Number of Holders (ch +non ch)
- 12b Total Number of Cattle Holders (ch)
- 13a Number for selection (non ch only)
- 13b Number of Selected Holders (non ch only)
- 13c Total Sample of holders (ch + non ch)
- 13d Total Number of Listed Dwellings
- 13e Total Number of Occupied Dwellings

12 (Supervisor Use)

Part Number	Total Number of Holders	Number of Cattle Holders
Part 1		
Part 2		
Part 3		
Part 4		
Part 5		
Part 6		
Part 7		
Part 8		
Part 9		
Part 10		
Part 11		
Part 12		
Part 13		
Part 14		
Part 15		
Part 16		
Part 17		
Part 18		
Part 19		
Part 20		
Part 21		
Total		

Section II: Listing of Dwellings and Household

Question 14a

1 Dwelling Number (Census Number Plate)	2 Is this Dwelling Occupied at this time Yes = 1 No = 2	3 House hold No.	4 Interview Status 1 Completed 2 Call-back 3 Vacant 4 Refusal 5 Not at Home	5 What is the name of the head of this household ?	6 Sex M = 1 F = 2	7 Is the head of this household living in this household at this time? Yes = 1 No = 2	8 How many people usually live in this household? Number	9 Does any member of this household manage or operate any of the following in Questions 9A - 9I? (within this EA) (include owned and Mafisa livestock) If YES to any Columns 9C to 9I, write NUMBER of livestock in appropriate box and if NO, then, write zero (NB: Mules to be counted together with donkeys)										10 Ask for the Holder's Name if any of the following is reported. LAND, CROPS AND LIVESTOCK . i.e. (9A - 9H)	11		12 Do you have any other permanent dwellings within this EA if YES, where are they located (Write locality names)	
								9A	9B	9C	9D	9E	9F	9G	9H	9I	9J		11A To be used for selection	11B Office Use		
								LANDS	CROPS	CATTLE	SHEEP	GOATS	DONKEYS	HORSES	PIGS	POULTRY	OTHER					
								Yes = 1 No = 2	Yes = 1 No = 2	Number	Number	Number	Number	Number	Number	Number	Number					
1																					1	
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
13																						13
14																						14
15																						15
16																						16
17																						17
18																						18
19																						19
20																						20
21																						21
22																						22
23																						23
24																						24
25																						25

14b Number of Dwellings listed

14d Total number of holders on this FORM

14c Number of Occupied Dwellings

14e Cattle Holders with 100 cattle or more

Section III: Sketch Map of the Locality

- 15 a. Draw a sketch map of the locality to show the locations of the dwelling units
b. Place dwelling numbers (from Section II, Column 1) on the map
c. Draw roads, rivers, schools and other prominent landmarks on the map



Enumerator / Supervisor Comments



CONFIDENTIAL

2015 AGRICULTURAL CENSUS QUESTIONNAIRE



All correspondence should be addressed to the Statistician General
Collected under Statistics Act (Cap 17:01)

FORM II: TRADITIONAL FARMERS - SECOND VISIT

Section I: IDENTIFICATION

- 1 Administrative District: _____
- 2 Census District: _____
- 3 Enumeration Area: _____
- 4 Block Number: _____
- 5 Dwelling Number: _____
- 6 Household Number: _____

7 Full Name of Holder

8 Name of Respondent

- 9 Is the respondent the:
- 1 Holder
 - 2 Spouse of Holder
 - 3 Son of Holder
 - 4 Daughter of Holder
 - 5 Other Relative of Holder
 - 6 Not Related

Enumerator's	Name	
	Signature	
	Date	
Supervisor's	Name	
	Signature	
	Date	

10 Enumerator's Visit Log

Visit No.	Date	Time	Remarks

11 Interview Status:
(Tick where applicable)

1. Completed	2. Not Completed	3. Vacant	4. Refusal	5. Not at home

Comments: _____

12a.RECORD CONTROL: For Office Use Only	Number of persons	Number of fields

Question 12b Section II: PARTICULARS OF THE HOLDING

ALL PERSONS						SCHOOL (2 years+) ATTENDANCE	ALL PERSONS AGED 10 YEARS AND OVER			ALL PERSONS AGED 10 YEARS AND OVER				
	NAMES	RELATIONSHIP	SEX	AGE	CITIZENSHIP		TRAINING			ECONOMIC CTIVITY				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P E R S O N U M B E R	What are the names of all persons who usually stay with this household? <i>(i.e. during this agricultural season)</i> <i>(Start with household head)</i>	What is ...'s relationship to household head? 00 Head 01 Spouse/Partner 02 Son/Daughter 03 Child In-law 04 Step child 05 Grandchild 06 Parent 07 Parent In-law 08 Grand Parent 09 Brother/Sister 10 Nephew/Niece 11 Other relative 12 Not related	1.Male 2.Female	How old is... in completed years? If less than one year old code 00 If more than 97 years old code 98	What is the country of 's citizenship? 001 Botswana 002 Angola 003 Lesotho 004 Malawi 005 Mozambique 006 Namibia 007 South Africa 008 Swaziland 009 Zambia 010 Zimbabwe 011 Tanzania 012 DRC 013 Mauritius Other- (Specify)	What was the level or grade thathas completed? Never attended school 03 Pre-school 00 01 02 Primary 10 11 12 13 14 15 16 17 Secondary 21 22 23 24 25 26 Non Formal 60 61 62 63 64 69	Hasever attended training of any type for at least 3 months? 1 No training (Go to Col. 11) 2 Still training 3 Completed training	Level obtained/ to be obtained? <i>(use codes below)</i>	what is \ was ...'s subject of training?	What has....been doing mainly during this agricultural season? <i>(Include work for payment in cash, in kind or for no payment)</i> Seasonal work 1. Paid 2. Unpaid Go to col. 13 Non-seasonal 3. Paid 4. Unpaid Go to col. 13 5. No work <i>(If no, has...worked at lands or c/post)</i>	Then what did do during this agricultural season? 1 Actively seeking work 2 Housework 3 Student 4 Retired 5 Sick Other - Specify NEXT PERSON	What was..... working as during this agricultural season? 1. Employee - paid cash 2. Employee - paid inkind 3. Employee - paid both cash & inkind 4. Self employed- no employee 5. Self employed - with employees 6. Unpaid family helper 7. Worked in own lands/ cattlepost (unpaid)	OCCUPATION What type of WORK diddo? during this agricultural season? <i>(Use at least two words to describe his/her work. Probe as necessary.)</i>	INDUSTRY What is the MAIN product, service or activity of..... place of work? If product cannot be identified, write name of company or employer. <i>(Use at least two words to describe industry. Probe as necessary.)</i> Next Person OFFICE USE ONLY
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														

CODES FOR LEVEL OF EDUCATION

Pre-school 00 1st year not completed 01 1st year completed 02 2nd year completed 09 Don't Know	Primary 10 Left at Standard 1 11 Std 1 completed 12 Std 2 completed 13 Std 3 completed 14 Std 4 completed	Secondary 15 Std 5 completed 16 Std 6 completed 17 Std 7 completed 19 Not known	Secondary 21 Form 1 completed 22 Form 2 completed 23 Form 3 completed 24 Form 4 completed	Secondary 25 Form 5 completed 26 Form 6 completed 29 Not known	Non Formal 60 Primer 1 not completed 61 Primer 1 completed 62 Primer 2 completed 63 Primer 3 completed 64 Primer 4 completed 69 Not known	31 Apprent. Certificate 32 Brigades Certificate 33 Vocational Certificate 34 Educ. College Certificate 35 University Certificate	36 Other Certificate 41 Vocational Diploma 42 Educ. College Diploma 43 University Diploma 44 IHS Diploma	45 Other Diploma 46 University degree 47 Other degree 48 Not known
--	--	---	---	---	---	--	--	---

Section II: PARTICULARS OF THE HOLDING

(All responses are indicated by either writing a single code in the box provided and by circling the multiple responses)

13 Is this holding operated by:

(Circle appropriate code)

- | | |
|---|---|
| 1. An individual living in this holding | 1 |
| 2. An individual living elsewhere | 2 |
| 3. Two or more persons living in this holding | 3 |
| 4. Two or more persons living elsewhere | 4 |
| 5. Other <i>(Specify)</i> _____ | 5 |

14a What other economic activities are undertaken in this holding for commercial gain? (circle appropriate codes)

- | | |
|----------------------------------|---------|
| 1. None | 1 → Q15 |
| 2. Transport services | 2 |
| 3. Ploughing services | 3 |
| 4. Hunting/Trapping | 4 |
| 5. Game/Wildlife propagation | 5 |
| 6. Fishing | 6 |
| 7. Tree Planting | 7 |
| 8. Timber Harvesting | 8 |
| 9. Trading Store/Shop/Vendor | 9 |
| 10. Selling veld Products | 10 |
| 11. Selling Traditional beer | 11 |
| 12. Craft-Work | 12 |
| 13. Selling Livestock | 13 |
| 14. Selling Crop Produce | 14 |
| 15. Piggery | 15 |
| 16. Bee keeping | 16 |
| 17. Dairy Produce | 17 |
| 18. Ostrich Farming | 18 |
| 19. Horticulture | 19 |
| 20. Sorghum/maize Processing | 20 |
| 21. Fruits/vegetable Processing | 21 |
| 22. Hides and skin processing | 22 |
| 23. Other <i>(Specify)</i> _____ | 23 |

14b Of the ones indicated above, which do you regard as the main economic activity?

Section III PARTICULARS OF THE HOLDER

15 State the sex of the holder

Male = 1
Female = 2

16 What is the age of the holder? (*In complete years*)

17 What is the marital status of the holder?

(circle appropriate code)

- | | |
|--------------------|---|
| 1. Never married | 1 |
| 2. Married | 2 |
| 3. Living together | 3 |
| 4. Separated | 4 |
| 5. Divorced | 5 |
| 6. Widowed | 6 |

18a Is the holder a Full-time Farmer?

Yes = 1 → Q19
No = 2

Office use

18b What is his/her other occupation?

Section IV ALL RESPONDENTS EVEN IF THEY DO NOT OWN A PIECE OF LAND

19 Did you or any member of this holding plant any crops during this agricultural season?

Yes = 1

No = 2

20 Do you or any member of this holding have any field that is not ploughed/ planted (fallow) during this agricultural season?

Yes = 1

No = 2 → Q21b

(Note: Go to Q21b only if Q19 is 1 otherwise end interview)

21a What were the reasons for not ploughing/planting the FALLOW fields? (circle appropriate codes)

- | | |
|---------------------------------|----|
| 1. Lack of rain | 1 |
| 2. Lack of money | 2 |
| 3. Lack of seeds | 3 |
| 4. Lack of labour | 4 |
| 5. Lack of draught power | 5 |
| 6. Underground fire | 6 |
| 7. Floods | 7 |
| 8. Lack of equipment/implements | 8 |
| 9. Poor soil quality _____ | 9 |
| 10. Other <i>(Specify)</i> | 10 |

21b Is the ploughing/planting taking place along Molapo (river basin) or on Dry Land?

- | | |
|---|---|
| 1. Molapo/Wet land (River Basin) | 1 |
| 2. Dry land | 2 |
| 3. Both Dry land and Molapo (River Basin) | 3 |

21c Do you practice crop rotation?

Yes = 1

No = 2

21d What is the soil type of your arable land(s)?

- | |
|---------------|
| 1. Loamy soil |
| 2. Clay soil |
| 3. Sandy soil |

22 List separately below all crops planted.

Field Number (include fallow)	List all Crops in each Field	Crop Variety e.g. Segaolane Sebethane	Seed Quantity Planted				Office Use	
			Description of seed container	Units Kg = 1 Lt = 2	Size of Seed Container	Number of Units Used	Quantity Used (Number)	Convert qty if not in Kg

23 What were the sources of your seeds indicated in Q22?

(circle appropriate codes)

- 1. BAMB 1
- 2. Drought Relief 2
- 3. Cooperatives 3
- 4. Trader 4
- 5. Another Farmer 5
- 6. Previous year's harvest 6
- 7. Seed Multiplication Unit 7
- 8. ISPAAD 8
- 9. Other (specify) 9

24a What was/were the draught power(s) used to plough the fields?

(circle appropriate codes)

- 1. Oxen only 1
- 2. Cows only 2
- 3. Both Oxen and Cows 3
- 4. Donkeys 4
- 5. Tractor 5
- 6. Other (specify) 6

24b Who provided this/these draught power(s)?

(circle appropriate codes)

- 1. Self/Family 1
- 2. Borrowed 2
- 3. Self plus Borrowed 3
- 4. Mafisa 4
- 5. Individual hired 5
- 6. ISPAAD 6
- 7. Other (specify) 7

24c Who paid for this/these draught power(s)?

(circle appropriate code)

- 1. Self/Family 1
- 2. ISPAAD 2
- 3. Both (ISPAAD & Self) 3
- 4. Other (specify) 4

25 What implements were used to plough fields?

(circle appropriate codes)

- 1. Hoe 1
- 2. Single Plough 2
- 3. Double Plough 3
- 4. Other (specify) 4

26 What methods were used to plant the seeds?

(circle appropriate codes)

- 1. Broadcasting 1
- 2. Row planting 2
- 3. Row planting by hand 3
- 4. Other (specify) 4

27 Are your fields fenced?

- 1. Yes- All 1
- 2. Yes- Some 2
- 3. No- none 3 Go to Section V

28 What type of fencing material(s) has/have been used?

- 1. Bush 1
- 2. Wire and Poles 2
- 3. Poles Only 3
- 4. Other (specify) 4

Section V Land Measurement .

29. TAKE FIELD MEASUREMENT: VISIT EACH FIELD REPORTED IN THE HOLDING.

NOTE: MAKE SURE THAT THE NUMBER OF FIELDS REPORTED FOR AREA MEASUREMENT REFLECT THE NUMBER OF FIELDS REPORTED IN QUESTION 24 IN THAT SEQUENCE

Sketch Map of Field Field No: Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

Side	Bearing		Inside Angle
	length (m)		
AB: BA	forward	Backward	
BC: CB			
CD: DC			
DE: ED			
EF: FE			
FG: GH			
HI: IH			

Side	Bearing		Inside Angle
	length (m)		
AB: BA	forward	Backward	
BC: CB			
CD: DC			
DE: ED			
EF: FE			
FG: GH			
HI: IH			

Supervisor

Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

- a. Perimeter Field
- b .Closing Error (%)
- c. Area

Sketch Map of Field Field No: Planted (1) / Fallow (2)

Land Measurement for Form III

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Supervisor

Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

30 Total Number of Fields:

1. Crop Fields

2. Fallow Fields



CONFIDENTIAL

2015 AGRICULTURAL CENSUS QUESTIONNAIRE



All correspondence should be addressed to the Statistician General
Collected under Statistics Act (Cap 17:01)

FORM III: TRADITIONAL FARMERS - SECOND VISIT

Section I: IDENTIFICATION

- 1 Administrative District: _____
- 2 Census District: _____
- 3 Enumeration Area: _____
- 4 Block Number: _____
- 5 Dwelling Number: _____
- 6 Household Number: _____

7 Full Name of Holder

8 Sex of Holder [Male = 1 Female = 2]

9a Name of previous Respondent

9b Name of Respondent

9c Is the respondent the:

- | | |
|----------------------------|---------------|
| | (Circle code) |
| 1 Holder | 1 |
| 2 Spouse of Holder | 2 |
| 3 Son of Holder | 3 |
| 4 Daughter of Holder | 4 |
| 5 Other Relative of Holder | 5 |
| 6 Not Related | 6 |

Enumerator's	Name
	Signature
	Date
Supervisor's	Name
	Signature
	Date

Enumerator's Visit Log

Visit No.	Date	Time	Remarks

10 Interview Status
(Tick where applicable)

1. Completed	2. Not Completed	3. Vacant	4. Refusal	5. Not at home

LANDS	CROPS	CATTLE	SHEEP	GOATS	DONKEYS	HORSES	PIGS

Comments: _____

SECTION II : LIVESTOCK

Part A : CATTLE

11a Does this holding own, raise, operate or manage any Cattle? *(Include Mafisa Cattle in your Kraal)* **Yes = 1 → Q12a**

No = 2 → Q11b

11b Has this Holding ever had any Cattle **during this agricultural season?** **Yes = 1 → Q13a**

No = 2 → Q22a

12a How many of the following breeds do you have? *(Include Cattle owned by other members of this Holding and Mafisa in)*

BREED	Bulls	Oxen	Cows	Heifers	Tollies	Male Calves	Female Calves	Total
1. Tswana breed								
2. Crosses								
3. Exotic breeds								
TOTAL								

12b What is the breeding method that you use amongst your cattle?

1 Artificial insemination
 2 Natural (Bull service)
 3 Both artificial insemination and (natural) bull service

12c Breeding method use: Why do you use this particular method? **office use**

13a Have there been any sales? **Yes = 1**
No = 2 → Q13c

13b Sales: How many Cattle were sold or traded out **during this agricultural season?** *(n case of cattle being exchanged for other goods please state the value of those goods or give description of those goods)*

Sold To	Sold		Traded out			Bulls	
	Number	Value	Number	Description	Value	Number	Value
1. BMC Direct							
2. BMC Agent							
3. At Auction							
4. Government Restocking							
5. Another farmer							
6. Trader							
7. Butcher							
8. Feedlot							
9. Other (specify)							

13c Are you aware of the BMC quota system of buying cattle? **Yes= 1**
No= 2 → Q14a

13d Are you satisfied with the BMC quota system of buying cattle? **Yes = 1**
No = 2
Never used = 3

CALVES ONLY

14a How many Calves were born **during this agricultural season through;** *(Include those lost, dead, sold, etc)*

a. Artificial insemination b. Natural (Bull service)

14b How many Calves died during this agricultural season ?

14c Causes of deaths? *(Insert numbers where applicable)*

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

14d How many calves were lost due to strays and theft **during this agricultural season?**
Do not include calves already reported as dead.

CATTLE ONLY

15a How many Cattle, excluding Calves, died during this agricultural season ?

15b Causes of deaths? *(Insert numbers where applicable)*

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

16 How many Cattle were lost due to strays and theft during this agricultural season?

17 How many Cattle were slaughtered for your home consumption **during this agricultural season?**
 Include slaughter for weddings, death ceremonies etc

CATTLE AND CALVES

18 How many Cattle were eradicated/destroyed due to cattle diseases outbreak **during this agricultural season?**

19 Given Away: How many Cattle were given away (including Bogadi) **during this agricultural season ?**

20 Purchases: How many Cattle were purchased/obtained during this agricultural season ?
In case of Cattle being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/ Obtained	Number	Value (Pula)	Description of goods given out	Bulls	
				Number	Value
1. Purchased					
2. Obtained					

21a Were any chemicals/ drugs/vaccines used on your Cattle **during this agricultural season?** **Yes=1**
No= 2 → Q21c

21b Name the diseases or parasites that chemicals/drugs/vaccines were used to control.

- | | |
|--|----|
| 1. Anthrax (Kwatsi) | 1 |
| 2. Blackleg (Serotswana) | 2 |
| 3. Botulism (Mokokomalo) | 3 |
| 4. Brucellosis (Pholotso) | 4 |
| 5. Foot & Mouth disease (Tlhako le Molomo) | 5 |
| 6. Lumpy Skin disease (Nkokomane) | 6 |
| 7. Ticks and Worms (dikgofa & Dibokwana) | 7 |
| 8. Pasteurellosis - madi | 8 |
| 9. Heart water (metsi a pelo) | 9 |
| 10. Other (specify) _____ | 10 |

21c Were any feeds used on your cattle during this Agricultural season?

Yes=1
No= 2 → Q 22a

21d What are types of feeds that you use among your cattle?

Feeds	Codes
1 Lucene	1
2 Nitrogen/Protein feeds	2
3 Drought Pallets	3
4 Moroko	4
5 Salt	5
6 Dacalcium	6
7 Lablab	7
8 Mollases (Powder)	8
9 Mollases (Liquid)	9
10 Mollases (Meal)	10
11 Stover (Lotlhaka)	11
12 Grasses (Fordder)	12
13 Maize Grains (Baley)	13
14 Rumbite	14
15 Hay	15
16 Feed Grade Urea	16
17 Other (Specify)	17

Part B : GOATS

22a Does this holding own, raise, operate or manage any Goats? (Include Mafisa Goats in your Kraal)

Yes=1 → Q23
No=2 → Q22b

22b Has this Holding ever had any Goats during this agricultural season?

Yes=1 → Q24
No=2 → Q43a

23 How many of the following breeds do you have? (Include Goats owned by other members of this Holding and Mafisa in)?

BREED	Buck (uncastrated) 1 Year & Over	Castrated Males 1 Year & Over	Females 1 Year & Over	Males Under 1 Year	Females 1 Year & Over	Total
1.Tswana						
2. Crosses						
3. Exotic breeds						
TOTAL						

KIDS ONLY

24 How many Kids were born during this agricultural season? (include those lost, dead, sold, etc)

25a How many Kids died during this agricultural season?

25b Causes of deaths?

(Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

26 How many Kids were lost due to strays and theft during this agricultural season? Do not include Kids already reported as dead.

GOATS - EXCLUDING KIDS

27a How many Goats, excluding Kids, died during this agricultural season ?

27b Causes of deaths?

(Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

28 How many Goats were lost due to strays and theft during this agricultural season? Do not include Goats already reported as dead.

29 How many Goats were slaughtered for consumption during this agricultural season? Include slaughtered for weddings, deaths ceremonies etc

GOATS AND KIDS

30 How many Goats were given away during this agricultural season ?

31 How many Goats were sold or traded during this agricultural season ? Include BMC, Auctions, Abattoirs, Traders Farmers etc

Sales/Traded	Number	Value (Pula)	Description of goods received	Bucks	
				Number	Value
1. Sales					
2. Traded out					

32 How many Goats were purchased/obtained during this agricultural season ? In case of Goats being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/ Obtained	Number	Value (Pula)	Description of goods given away	Bucks	
				Number	Value
1. Purchased					
2. Obtained					

33a Were any chemicals/drugs/vaccines used on your Goats during this agricultural season?

Yes=1
No= 2 → Q 33c

33b Name the diseases or parasites that chemicals/drugs/vaccines were used to control.

1. Helminthiosis/coccidiosis (Internal Parasites)- Dibokwana
2. Pasteurellosis - madi
3. Orf - Mokgomana
4. Enterotoxaemia - Diphilo
5. Heart water - Metsi a pelo
6. Foot Rot - Tlhakwana
7. Pediculosis - Dinwa madi tsa kwa ntle ga letlalo
8. Other (Specify)

33c Were any feeds used on your Goats during this agricultural season?

Yes=1
No= 2 → Q43a

33d What are types of feeds that you use among your Goats?

Feeds	Codes
1. Ram, Lamb & Ewe Paletts	1
2. Moroko	2
3. Salt	3
4. Dacalcium	4
5. Rumbite	5
6. Mollases (Powder)	6
7. Mollases (Liquid)	7
8. Mollases (Meal)	8
9. Other (Specify)	9

Part C : SHEEP

34a Does this holding own, raise, operate or manage any Sheep? (Include Mafisa Sheep in your Kraal)

Yes=1 → Q35
No=2 → Q34b

34b Has this Holding ever had any sheep during this agricultural season?

Yes=1 → Q35
No=2 → Q34b

35 How many of the following breeds do you have? (Include sheep owned by other members of this Holding and Mafisa in).

BREED	Rams 1 Year & Over	Castrated Males 1 Year & Over	Females 1 Year & Over	Males under 1 Year	Females under 1 Year	Total
1. Tswana breed						
2. Crosses						
3. Exotic breeds						
TOTAL						

LAMBS ONLY

36 How many Lambs were born during this agricultural season? (include those lost, dead, sold, etc)

37a How many Lambs died during this agricultural season?

37b Causes of deaths? (Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought

38 How many Lambs were lost due to strays and theft during this agricultural season? Do not include Lambs already reported as dead.

SHEEP - EXCLUDING LAMBS

39a How many Sheep, excluding Lambs died, during this agricultural season?

39b Causes of deaths?

(Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought

40 How many Sheep were lost due to strays and theft during this agricultural season? Do not include Sheep already reported as dead.

41 How many Sheep were slaughtered for consumption during this agricultural season? Include slaughtered for weddings, deaths ceremonies etc

SHEEP AND LAMBS

42 How many Sheep were given away during this agricultural season?

43 How many Sheep were sold or traded during this agricultural season?

Sales/Traded	Number	Value (Pula)	Description of goods received	Rams	
				Number	Value
1. Sales					
2. Traded out					

44 How many Sheep were purchased or obtained during this agricultural season? In case of Sheep being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/Obtained	Number	Value (Pula)	Description of goods received	Rams	
				Number	Value
1. Purchased					
2. Obtained					

45a Were any chemicals/drugs/vaccines used on your Sheep during this agricultural season?

Yes=1
No= 2 → Q45c

45b Name the diseases or parasites that chemicals/drugs/vaccines were used to control.

(Circle appropriate codes)

1. Helminthiosis/coccidiosis (Internal Parasites)- Dibokwana
2. Pasteurellosis - madi
3. Enterotoxaemia - Diphilo
4. Heart water - Metsi a pelo
5. Foot Rot - Tihakwana
6. Pediculosis - Dinwa madi tsa kwa ntle ga letlalo
7. Sheep Scab - Lekgwaphe

8. Other (Specify)

45c Were any feeds used on your Sheep during this agricultural season?

Yes=1
No= 2 → Q46

45d What are types of feeds that you use among your Sheep?

Feeds	Codes
1. Ram, Lamb & Ewe Paletts	1
2. Moroko	2
3. Salt	3
4. Dicalcium	4
5. Rumbite	5
6. Mollases (Powder)	6
7. Mollases (Liquid)	7
8. Mollases (Meal)	8
9.. Other (Specify)	9
	10
	11
	12
	13

Part D : OTHER LIVESTOCK

46 How many of the following do you have and how many were sold/traded during this agricultural season ?
State the value or describe animals exchanged for those goods or give description of those goods?

Current Number	S A L E S		TRADED OUT		
	Number	Value(Pula)	Number	Description of goods received	Value (Pula)

- 1.*Pigs
- 2. Donkeys
- 3. Mules
- 4. Horses
- 5. Dogs
- 6.*Chickens
- 8. Other

Note * Refers to subsistence livestock only

47a Were any chemicals/drugs/vaccines used on your livestock during this agricultural season?

Yes=1
No=2 → Q48a

47b Name the diseases or parasites that chemicals/drugs/vaccines were used to control.

SECTION III CROP PRODUCTION

Part A : CROPS AND FALLOW FIELDS CHANGES

48a Did this holding plant/plough any crops during this agricultural season?

Yes=1
No=2 → Q57

48b During our first visit, it was reported that this holding had the following crops and fallow fields. (Read out the list). Have there been any changes to this list?

Yes=1
No=2 → Q49

(Update the list if any changes, take field measurements and record the data on the page at the back of the questionnaire)

Field Number (include fallow)	List all Crops in each Field	Crop Variety e.g. Segaolane Sebethane	Seed Quantity Planted					(Office Use)	
			Description of seed container	Units Kg = 1 Lt = 2	Size of Seed Container	Number of Units Used	Quantity Used (Number)	Convert gty if not in Kg	Crop Code

Part B : FARMING PRACTICE

49 Were any fertilisers used on any of your crop fields?

Yes=1
No=2 → Q51a

50a What type of fertilisers did you use? (circle appropriate code)

- 1. Chemical only
- 2. Manure only
- 3. Both chemical and manure

50b What was the overall quantity used?

Kg Litres

51a Were chemicals used on your crop fields during this agricultural season?

Yes=1
No=2 → Q52a

51b What were these chemicals used to control?

- (Circle code)
- 1. Insects 1
 - 2. Parasites 2
 - 3. Disease/Fungi 3
 - 4. Other (Specify) _____ 4

52a Did you weed your crop fields this agricultural season?

Yes, All

1

Yes, Some

2

No

3

52b How many times did you weed your fields?

53 What was the predominant weed?(circle appropriate code)

1. Cynodon dactylon (motlho, motlhwa)
2. Datura ferox (mokhure)
3. Hibiscus meeusei (mmabasete, mmankgarane)
4. Acospermum hispidum (sefhabakolobe, sephalane, khonkhorose)

54 a Now ask the Holder about the harvested crops

Harvesting Codes	Field Number			Field Number			Field Number			Field Number		
	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	
Has been Harvested = 1												
Will be Harvested = 2												
Will not be Harvested = 3												
a. Office Use (Crop Code)												
b. Harvesting Status Code												
c. Total Production												
Weight of Unit (Kg. Lt)												
Number of Units												
Office Use (Qty. Kg)												
d. Home Consumption												
Weight of Unit (Kg)												
Number of Units												
Office Use (Qty. Kg)												
e. Stored												
Weight of Unit (Kg)												
Number of Units												
Office Use (Qty. Kg)												
f. Given Away												
Weight of Unit (Kg)												
Number of Units												
Office Use (Qty. Kg)												
g. Payment in kind												
Weight of Unit (Kg)												
Number of Units												
Office Use (Qty. Kg)												
h. Sold/Traded												
Weight of Unit (Kg)												
Number of Units												
Amount Received (Pula)												
Office Use (Qty. Kg)												
i. Expected further sales												
Weight of Unit (Kg)												
Number of Units												
Amount Expected (Pula)												
Office Use (Qty. Kg)												
Area Harvested (off. use)												

NOTE: (1) If there are crops sold or expected further sales indicated, i.e. Question 54h and 54i have entries, ask Q54b and (2) If there is harvesting status code of three (3) in Question 54a, ask Question 55. Otherwise if none of the above is indicated as stated, go to Section IV.

5. *Urochloa mosambicensis* (phoka, sugwagwa)
6. *Sesamum triphyllum* (mothomaganyane, mosuwene)
7. *Striga asiatica/Alectra vogelli* (matebele, molelwane)
8. *Tribulus terrestris* (mosetlho, setlho)
9. *Sida cordifolia* (motswalakgoro)
10. Other (Specify)

54b Where did you sell most of your crop produce? (circle appropriate codes)

- | | |
|-----------------------------|---|
| 1. BAMB directly | 1 |
| 2. BAMB agent | 2 |
| 3. Cooperative | 3 |
| 4. Private trader | 4 |
| 5. Public directly | 5 |
| 6. Millers | 6 |
| 7. Seed Multiplication unit | 7 |
| 8. Letlhafula initiative | 8 |
| 9. Other (specify) | 9 |

55 What are the main reasons for not harvesting the crops mentioned earlier in Question 54a? (circle appropriate codes)

- | | |
|---------------------------------|----|
| 1. Lack of rain | 1 |
| 2. Livestock destroyed crops | 2 |
| 3. Diseases destroyed crops | 3 |
| 4. Pests attacked crops | 4 |
| 5. Underground fire | 5 |
| 6. Floods destroyed crops | 6 |
| 7. Weeds destroyed crops | 7 |
| 8. Frost destroyed crops | 8 |
| 9. Wildlife destroyed crops | 9 |
| 10. Quelia bird destroyed crops | 10 |
| 11. Locust destroyed crops | 11 |
| 12. Other (specify) | 12 |

56 Do you produce Hay/Silage from you crop residues/remains? (circle code)

Hay = 1 Salage = 2 Both = 3 No = 4

SECTION IV : WATER SUPPLY, FARM EQUIPMENT AND MACHINERY INVENTORY

57a What is your most reliable source of water supply for the following?

	1. Borehole	2. Well (Petse)	3. Dam	4. River (Including Go shaola)	5. Lecha (Pan)	6. Pond	7. ALDEP Tank
1. Livestock							
2. Household							

57b Who owns the water source?

	Self	Family	Syndicate	Community	Government	Other (Specify)
1. Livestock						
2. Household						

57c For water supply being borehole, state the source of energy?

- | | |
|-----------|----------------|
| 1. Solar | 3. Diesel |
| 2. Petrol | 4. Electricity |
| | 5. Wind |

SECTION V : CLIMATE/WEATHER

58a Do you have access to weather forecast information?

Yes = 1
No = 2 → Q59a

58b Do you use this information?

Yes = 1
No = 2

59a Are you aware of the climate change?

Yes = 1
No = 2 → Q60a

59b What climate change have you noticed over years?

1. Shift in seasons
2. Out break of diseases/pests
3. Heavy falls/floods
4. Severe drought
5. None
6. Other (specify) _____

SECTION VI : FARM ENTERPRISE

60a What are the sources of income for this Holding (Circle Appropriate codes)?

- | | |
|--------------------------------|--|
| 1. Sale of Crop produce | 5. Income from a business other than farming |
| 2. Sale of Livestock | 6. Remittances |
| 3. Income from paid Employment | 7. Pension |
| 4. Sale of other produce | 8. Other (specify) _____ |

60b Of the ones indicated above, which do you regard as the main?

61a What are the sources of food for this Holding (Circle Appropriate codes)?

1. Own farm production
2. Purchased food
3. Government rations
4. Supplies from relatives /friends
5. Other (specify) _____

61b Of the ones indicated above, which do you regard as the main source?

62a Which of the following Farming Programmes are you aware of ?

- (Circle codes)
1. ISPAAD
 2. NAMPAADD
 3. LIMID
 4. Other (specify) _____
 5. None → Q63

62b Which of the following Farming Programmes have you benefited from?

- (Circle codes)
1. ISPAAD
 2. NAMPAADD
 3. LIMID
 4. Other (specify) _____
 5. None → Q63

62c What was/were the package(s) obtained?

- 1. Cluster Fencing (ISPAAD)
- 2. Provision of portable Water (ISPAAD)
- 3. Ploughing & Planting services (ISPAAD)
- 4. Fertilizer (ISPAAD)
- 5. Seeds (ISPAAD)
- 6. Kraals, Crushes & Loading ramps (LIMID)
- 7. Small Stock (LIMID)
- 8. NAMPAADD Technologies (NAMPAADD)
- 9. Water reticulation (LIMID)
- 10. Borehole drilling & equipping (LIMID)
- 11. Other (specify) _____

Part C: FARM LABOUR

63 Is there anyone employed either on fulltime or temporary basis to work on this holding?

- Circle
- Yes=1 → Q64
- No=2 → END INTERVIEW

Question 64 PERSONS CURRENTLY EMPLOYED IN THIS HOLDING												
NAME	SEX	AGE	CITIZENSHIP	MARITAL STATUS	HIGHEST LEVEL	SKILLS ACQUIRED	EMPLOYEE STATUS	EMPLOYMENT STATUS	OCCUPATION	PAY-PERIOD	AMOUNT	CASH EQUIVALENT
2	3	4	5	6	7	8	9	10	11	12	13	14
1 W O R K E R N U M B E R	1. Male 2. Female	How Old is.....? (Age in Completed Years)	What is the country of.....'s citizenship? 001 Botswana 002 Angola 003 Lesotho 004 Malawi 005 Mozambique 006 Namibia 007 South Africa 008 Swaziland 009 Zambia 010 Zimbabwe 011 Tanzania 012 DRC 013 Mauritius Other- (Specify)	What is 's Marital status? 1. Never married 2. Married Together 3. Living Separated 4. Divorced 5. Widowed 6. Widowed	What is the Level/Grade Has..... Completed? (Use Education Codes given below) 03 Never attended school	How did Get the Skills He/She uses now? 1. Self taught 2. Apprenticeship 3. On the Job 4. Technical/Vocational Institution Other (Specify)	What is.....working as? 1. Employee-paid cash inkind 2. Employee-paid both inkind & cash	Is..... employed on fulltime or temporary basis? 1. Temporary * 2. Fully time (Note: * include also casual labourers)	What type of work does.....do? (use at least two words to describe his/her work probe as necessary)	How often is.....paid? 1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Every six months 6. Yearly 7. Other (specify)	How Much Cash To the Nearest Pula?	How Much is the Cash Equivalent of the In kind Payment to the Nearest Pula?
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

NOTE: Column 7 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Primary		Secondary		Non Formal	
13 Std 3 completed	14 Std 4 completed	15 Std 5 completed	16 Std 6 completed	17 Std 7 completed	19 Not known
10 Std 1 not completed	11 Std 1 completed	12 Std 2 completed	21 Form 1 completed	22 Form 2 completed	23 Form 3 completed
24 Form 4 completed	25 Form 5 completed	26 Form 6 completed	29 Not known	60 Primer 1 not completed	61 Primer 1 completed
62 Primer 2 completed	63 Primer 3 completed	64 Primer 4 completed	65 Primer 5 completed	69 Not known	

Land Measurement for Form III

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Supervisor

Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Side	Bearing			Inside Angle
	length (m)	Length(m)	Backward	
AB: BA				
BC: CB				
CD: DC				
DE: ED				
EF: FE				
FG: GH				
HI: IH				

Supervisor

Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

a. Perimeter Field

b. Closing Error (%)

c. Area

66 Total Number of Fields

1. Crop Fields:

2. Fallow Fields



CONFIDENTIAL

2015 AGRICULTURAL CENSUS QUESTIONNAIRE



All correspondence should be addressed to the Statistician General
Collected under Statistics Act (Cap 17:01)

FORM IV: COMMERCIAL FARMS AND RANCHES

Section I: IDENTIFICATION

	<i>For Office Use Only</i>								
	1. Administrative District:								
	2. Census District:								
	3. Block Number								
	4. Questionnaire Number								
Enumerator's name:									
Date completed:									

5. If the above Name is incorrect or the Estate has a New Owner, please write the correct address in the opposite box. **(Unless otherwise stated, responses are to be circled)**

6. What is the Farm Number ?

7. If this Farm is also known by another Name, please indicate: _____

8. In which Block is this Farm located? **(Circle appropriate code)**

- | | | |
|----------------------|---------------------|----------------------------------|
| 1. Tuli Block | 7. Lobatse Freehold | 13. Haina Veld TGLP |
| 2. Tati Block | 8. Sand Veld TGLP | 14. Nata TGLP |
| 3. Gantsi Freehold | 9. Ngwaketse TGLP | 15. Lepasha TGLP |
| 4. Molopo Freehold | 10. Kgalagadi TGLP | 16. Barolong Farms |
| 5. Gaborone Freehold | 11. Kweneng TGLP | 17. Letlhakane 4B |
| 6. Pandamatenga | 12. Gantsi TGLP | 18. Kaka |
| | | 19. Other (specify) _____ |

9a Ownership Status 1. Owner 2. Leasee

9b Name of Owner/leasee _____

9c Sex 1. Male 2. Female 3. Organisation

(If not individually owned/leased, circle 3)

9d Indicate the type of Organisation or Management of this Farm: **(enter appropriate code)**

- | | | | |
|----------------------------|---|---------------------------|---|
| 1. Individual Ownership | 1 | 5. Public Limited Company | 5 |
| 2. Partnership | 2 | 6. TGLP Syndicate | 6 |
| 3. Co-operative | 3 | 7. Government | 7 |
| 4. Private Limited Company | 4 | 8. Other (specify) | 8 |

10 What is the total area for this particular Farm? Hectares

11 Is the farm fenced? 1. Yes 2. No

12. Are there other farms in this Block that are under the same Ownership as this one?

Yes=1
No=2 → Q 14

13. Please give Farm Names, Locations and Total Area for each Farm specified.

	Name	Postal Address	Area	Unit of measurement
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

* Please do not include information from these Farms on this form. You will be sent separate FORMS for each Farm that you have specified in Question 13.

SECTION II : LIVESTOCK: BEEF AND DAIRY CATTLE

14. Does this Farm have any Cattle? (circle code)

Dairy only 1 → Q17a
Beef only 2 → Q16a
Both 3
None 4 → Q15

15 Did this Farm have any Cattle during this agricultural season?

Yes= 1 → Q19b
No= 2 → Q27a

A: BEEF CATTLE ONLY

16a How many of the following beef animals do you have for each breed on this Farm?

Breed	Bulls	Oxen	Cows	Heifers	Tollies	Bullocks	Male Calves	Female Calves	Totals
1. Simentaler									
2. Charolias									
3. Brown Swiss									
4. Tuli									
5. Bonsmara									
6. Brahman									
7. Sussex									
8. Afrikander									
9. Santa Getrudis									
10. Beef Master									
11. Crosses									
12. Mosi									
13. Tswana									
14. Other (specify)									
TOTAL									

16b Were any feeds used on your Beef cattle during this agricultural season?

Yes=1
No=2 → Q16e

16c What are sources of feeds?

- 1. Imported 1 (Circle appropriate codes)
- 2. Retailers 2
- 3. Agric. Veterenary 3
- 4. BAMB 4
- 5. Agric. chemistry 5
- 6. Agric. Trades 6
- 7. Other (specify) 7

16d What are types, quantity and cost of feeds that you use among your Beef cattle?

Feeds & suppliments	Codes	Quantity (Kg, Lt)	Cost
1 Lucene	1		P
2 Nitrogen/Protein feeds	2		P
3 Drought Pallets	3		P
4 Lablab	4		P
5 Mollases (powder)	5		P
6 Mollases (liquid)	6		P
7 Mollases (meal)	7		P
8 Dacalcium phosphate	8		P
9 Salt	9		P
10 Bran (Moroko)	10		P
11 Stover (Lotlhaka)	11		P
12 Grasses (Fodder)	12		P
13 Maize Grains (Baley)	13		P
14 Rumbite	14		P
15 Hay	15		P
16 Feed Grade Urea	16		P
17 Other (Specify)	17		P

16e What are the Grazing System/Methods you use among your Beef cattle?

- (Circle appropriate codes)
- 1. Zero grazing/intensive
 - 2. Semi-extensive
 - 3. Extensive
 - 4. Other (Specify)

16f Were any chemicals/ drugs/vaccines used on your Beef Cattle during this agricultural season?
(Note: If Question 14 is 3 and Question 16f is 2, then go to Question 17a
Otherwise go to Question 19a)

Yes=1 → Q16g
No=2 → Q17a

16g Name the disease or parasites that chemicals were used to control.

- 1. Anthrax (Kwatsi) 1
- 2. Blackleg (Serotswana) 2
- 3. Botulism (Mokokomalo) 3
- 4. Brucellosis (Pholotso) 4
- 5. Foot & Mouth disease (Tlhako le Molomo) 5
- 6. Lumpy Skin disease (Nkokomane) 6
- 7. Other 7

B. DAIRY CATTLE ONLY

17a How many of the following dairy animals do you have for each breed on this Farm?

Breed	Bulls	Oxen	Cows		Heifers	Tollies	Bullocks	Female Calves	Male Calves	Total
			Milking	Dry						
1. Dairy Simentaler										
2. Brown Swiss										
3. Jersey										
4. Friesian										
5. Dairy Swiss										
6. Dairy crosses										
7. Other (Specify)										
TOTAL										

17b Breeding Stock: How many were bought and what were the costs during this agricultural season?

1. Locally
2. Imported
3. Other

Number	Cost

17c Were the animals tested for TB and Brucellosis during this agricultural season? (tick appropriate box)

- TB
Brucellosis

Yes	No

MILK AND MILK PRODUCTS

18a How much milk is produced per day in litres?

 Litres

18b How much milk is produced per lactation period? (i.e in 305 Days)

 Litres

18c What is the farm gate price?

price

 P

18d To whom is the raw milk sold ?

1. Processing plant
2. Consumer - Contract
3. Consumer-Individual
4. Own farm use

18e Is some of the milk produced in this farm processed to produce any products?

Yes=1 → Q18f
No=2 → Q18h

18f What are the milk products produced in this farm?

(tick appropriate box)

Product	Yes	No
1. Pasturised milk		
2. Sour milk		
3. Yoghurt		
4. Cheese		
5. Other (specify)		

18g What are the quantities produced per each product and the retail prices?

Product	Quantity	Weight per unit of measure	Retail price /unit	Sold To
Pasturised milk				
Sour milk				
Yoghurt				
Cheese				
Other (specify)				

DAIRY INPUTS

18h How many of the following do you have and are either in good working condition or temporarily out of order?

	Working condition		
	Working	Out of order	Total
Milk cooling tank			
Milking machine (with its accessories)			
Milk cans			
Milk strainer			
Strip cup			
Steamless milk buckets			
Nitrogen flask			

18i Are there any problems that you experience in this dairy farm? (Circle appropriate codes)

1. Market problems
2. Veterinary support services
3. Lack of feeds
4. High cost of inputs
5. Inadequate breeding stock
6. Other (specify)

1
2
3
4
5
6

18j Were any feeds used on your Dairy cattle during this agricultural season?

Yes=1 → Q18k
No=2 → Q18m

18k What are sources of feeds?

1. Imported
2. Retailers
3. Agric. Veterenary
4. BAMB
5. Agric. chemistry
6. Agric. Trades
7. Other (specify) _____

1 (Circle appropriate codes)
2
3
4
5
6
7

18l What are types, quantity and cost of feeds that you use among your dairy cattle?

Feeds & supplementary feeds	Codes	Quantity (Kg, Lt)	Cost
1 Dairy meal	1		P
2 Lucene	2		P
3 Blue Buffalo grass	3		P
4 Sunflower cake	4		P
5 Cotton seed cake	5		P
6 Maize stover	6		P
7 Mollases (powder)	7		P
8 Mollases (liquid)	8		P
9 Mollases (meal)	9		P
10 Calf grower	10		P
11 Calf Starter	11		P
12 Dicalcium Phosphate	12		P
13 Coarse Salt	13		P
14 Phosamide	14		P
15 Winter lik	15		P
16 Other (Specify)	16		P

18m What are the Grazing System/Methods you use among your dairy cattle?

(Circle appropriate codes)

- 1. Zero grazing/intensive 1
- 2. Semi-extensive 2
- 3. Extensive 3
- 4. Other (Specify) 4

18n Were any chemicals/ drugs/vaccines used on your Dairy Cattle during this agricultural season?

Yes=1 → Q18o
No=2 → Q19a

18o Name the disease or parasites that chemicals were used to control.

- 1. Anthrax (Kwatsi) 1
- 2. Blackleg (Serotswana) 2
- 3. Botulism (Mokokomalo) 3
- 4. Brucellosis (Pholotso) 4
- 5. Foot & Mouth disease (Thako le Molomo) 5
- 6. Lumpy Skin disease (Nkokomane) 6
- 7. Other 7

C: BEEF AND/OR DAIRY

19a Breeding Method: What is the breeding method used amongst your Cattle?

(Tick where appropriate)

Methods	Dairy	Beef
1. Artificial insemination		
2. Natural (Bull service)		
3. Both		

CALVES ONLY

19b Births: How many Calves were born during this agricultural season through each method? include those dead, lost, sold etc

Method of Breeding	Number of calves	
	Beef	Dairy
1. Artificial insemination		
2. Natural (Bull service)		

19c Deaths: How many Calves died during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

19d Causes of deaths?

(Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

20a Loss: How many Calves were lost due to strays and theft during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

20b How many Calves were eradicated due to cattle disease outbreaks during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

CATTLE - -EXCLUDING CALVES

21a Deaths: How many Cattle, excluding Calves, died during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

21b Causes of deaths?

(Insert numbers where applicable)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

22 Lost: How many Cattle excluding calves were lost due to strays and theft during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

23a Consumption: How many Cattle were slaughtered for home consumption during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

23b How many cattle were eradicated due to cattle disease outbreaks during this agricultural season?

(Number)

- 1. Beef
- 2. Dairy

24 Given away: How many Cattle were given away (including Bogadi/Lobola) during this agricultural season?

(Number)

1. Beef

2. Dairy

25a Sales : How many Cattle were sold or traded out during this agricultural season?

Sold To	Sold		Traded Out			Bulls	
	Number	Value	Number	Value	Description	Number	Value
1. BMC Direct							
2. BMC Agent							
3. At Auction							
4. Another Farmer							
5. Trader							
6. Butcher							
7. Feedlot							
8. Other (Specify)							

25b Are you aware of the BMC quota system of buying cattle?

Yes= 1
No= 2 → Q27

25c Are you satisfied with the BMC quota system of buying cattle?

Yes = 1
No = 2
Never used = 3

26 Purchases: Number of Cattle purchased/obtained during this agricultural season?

Purchased/Obtained		Number	Value	Description of goods given out	Bulls	
					Number	Value
1. Beef	1. Purchased					
	2. Obtained					
2. Dairy	1. Purchased					
	2. Obtained					

SECTION II : SMALLSTOCK: GOATS

27a Does this farm have any Goats?

Yes=1 → Q28
No=2 → Q27b

27b Did this Farm have any Goats during this agricultural season?

Yes=1 → Q29
No=2 → Q39a

28 How many of the following animals do you have on this Farm?

	UncastratedMales	Castrated Males	Female Goats	Male Kids	Female Kids	Total
Breed						
1. Tswana						
2. Boer goat						
3. Crosses						
4. Kalahari red						
5. Savanah						
6. Sanaan						
7. Other (specify)						
TOTAL						

KIDS ONLY

29 Births: How many Kids were born during this agricultural season? include those dead, lost, sold etc

30a Deaths: How many Kids died during this agricultural season?

30b Causes of deaths?

(Insert numbers where applicable)

1.Diseases	2. Parasites	3. Accidents	4. Predators	5.Drought	6.Other

31 Lost: How many Kids were lost due to strays and theft during this agricultural season?

GOATS - EXCLUDING KIDS

32a Deaths: How many Goats, excluding Kids, died during this agricultural season?

32b Causes of deaths?

(Insert numbers where applicable)

1.Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

33 Lost: How many Goats(excluding Kids) were lost due to strays and theft during this agricultural season?

34 Consumption: How many Goats were slaughtered for consumption during this agricultural season?

Include those slaughtered for weddings, death ceremonies and all other ceremonies

35 Given away: How many Goats were given away during this agricultural season?

36 Sales: How many Goats were sold or traded during this agricultural season?

Sales/Traded	Number	Value	Description of goods received where applicable	(Office Use)	Bucks	
					Number	Value
1. Sales						
2. Traded						

37 Purchased:How many goats were purchased/obtained during this agricultural season?

Purchased/Obtained	Number	Value	Description of goods received where applicable	(Office Use)	Bucks	
					Number	Value
1. Purchased						
2. Obtained						

38a Were any vaccines/drugs/chemicals used on your livestock during this agricultural season?

Yes=1 → Q38b
No=2 → Q38d

38b What type of vaccines/drugs/chemicals did you use? (write names of vaccines/drugs/medicines below)

1 _____ 4 _____
2 _____ 5 _____
3 _____ 6 _____

38c Name the disease or parasites that chemicals were used to control.

- | | |
|---|---|
| 1. Helminthiosis/coccidiosis (Internal Parasites) | 1 |
| 2. Pasteurellosis - madi | 2 |
| 3. Orf - Mokgomana | 3 |
| 4. Heart water - Metsi a pelo | 4 |
| 5. Foot Rot - Tlhakwana | 5 |
| 6. Pediculosis - Dinwa madi tsa kwa ntle ga letlalo | 6 |
| 7. Other (Specify) | 7 |

38d Were any Feeds used on your Goats during this agricultural season?

Yes=1 → Q38e
No=2 → Q39a

38e What are types, quantity and cost of feeds that you use among your Goats?

Feeds	Codes	Quantity (Kg, Lt)	Cost
1. Ram, Lamb & Ewe Paletts	1		P
2. Moroko	2		P
3. Salt	3		P
4. Dacalcium	4		P
5. Rumbite	5		P
6. Mollases (Powder)	6		P
7. Mollases (Liquid)	7		P
8. Mollases (Meal)	8		P
9. Other (Specify)	9		P

SECTION II : SMALLSTOCK: SHEEP

39a Does this Farm have any Sheep?

Yes=1 → Q40
No= 2 → Q39b

39b Did this Farm have any Sheep during this agricultural season?

Yes=1 → Q41
No= 2 → Q51

40 How many of the following do you have on this Farm?

Breed	Uncastrated Males	Castrated Males	Female Sheep	Male Lambs	Female Lambs	Totals
1. Dorper						
2. Karakul						
3. Tswana						
4. Other (specify)						
Total						

LAMBS ONLY

41 Births: How many Lambs were born during this agricultural season? include those dead, lost, sold etc

42a Deaths: How many Lambs died during this agricultural season?

42b Causes of deaths?

(Insert numbers where applicable)

1.Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

43 Lost: How many Lambs were lost due to strays and theft during this agricultural season?

SHEEP - EXCLUDING LAMBS

44a Deaths: How many Sheep, excluding Lambs, died during this agricultural season?

44b Causes of deaths?

(Insert numbers where applicable)

1.Diseases	2. Parasites	3. Accidents	4. Predators	5. Drought	6. Other

45 Lost: How many Sheep(excluding Lambs) were lost due to strays during this agricultural season?

46 Consumption: How many Sheep were slaughtered for consumption during this agricultural season? Include those slaughtered for weddings, death ceremonies etc

47 Given away: How many Sheep were given away during this agricultural season?

48 Sales: How many Sheep were sold or traded during this agricultural season?

Sales/Traded	Number	Value	Discription of goods	Rams	
				Number	Value
1. Sales					
2. Traded					

49 Purchased: Purchased/obtained during this agricultural season?

Purchased/Obtained	Number	Value	Discription of goods	Rams	
				Number	Value
1. Purchased					
2. Obtained					

50a Were any vaccines/drugs/chemicals used on your Sheep during this agricultural season?

Yes=1
No =2 → Q50d

50b What type of vaccines/drugs/chemicals did you use? (write names of vaccines/drugs/medicines below)

- | | |
|---------|---------|
| 1 _____ | 4 _____ |
| 2 _____ | 5 _____ |
| 3 _____ | 6 _____ |

50c Name the disease or parasites that chemicals were used to control.

(circle appropriate codes)

- | | |
|---|---|
| 1. Helminthiosis/coccidiosis (Internal Parasites) | 1 |
| 2. Pasteurellosis - madi | 2 |
| 3. Orf - Mokgomana | 3 |
| 4. Heart water - Metsi a pelo | 4 |
| 5. Foot Rot - Tlhakwana | 5 |
| 6. Pediculosis - Dinwa madi tsa kwa ntle ga letlalo | 6 |
| 7. Other (Specify) | 7 |

50d Were any Feeds used on your Sheep during this agricultural season?

Yes= 1 → Q50e
No=2 → Q51

50e What are types, quantity and cost of feeds that you use among your Sheep?

Feeds	Codes	Quantity(Kg, Lt)	Cost
1. Ram, Lamb & Ewe Paletts	1		P
2. Moroko	2		P
3. Salt	3		P
4. Dacalcium	4		P
5. Rumbite	5		P
6. Mollases (Powder)	6		P
7. Mollases (Liquid)	7		P
8. Mollases (Meal)	8		P
9. Other (Specify)	9		P

SECTION II : LIVESTOCK: OTHER LIVESTOCK

51 How many Other Livestock are on this Farm/Ranch and how many were sold or traded during this agricultural season? If animals were exchanged for other goods, state the value or the description of those goods

ANIMAL	Current Number	SALES		TRADED OUT		(Office Use)
		Number	Value	Number	Description of traded Goods	Value
1. Pigs						
2. Donkeys						
3. Mules						
4. Horses						
5. Dogs						
6. Chickens						
7. Ostriches						
8. Other Birds						
9. Other Animals						

52a Were any vaccines/drugs/chemicals used on your livestock during this agricultural season?

Yes =1
No=2 → Q61

52b What type of vaccines/drugs/chemicals did you use? (write names of vaccines/drugs/medicines below)

- | | |
|---------|---------|
| 1 _____ | 4 _____ |
| 2 _____ | 5 _____ |
| 3 _____ | 6 _____ |

SECTION III: A. CROP PRODUCTION (Cereal Crops, Fruits, & Vegetables)

53a Did you or any member of this holding plant/grow any field crops, Fruits and Vegetables in this Farm? during this agricultural season?

Yes=1
No=2 → Q61

53b Are there any crops under irrigation during this agricultural season?

Yes=1
No=2 → Q56a

53c Is your irrigation source of water metered?

Yes=1
No=2

54 Please indicate the type of irrigation system used (Tick where appropriate).

1. Furrow	2. Drip	3. Sprinkler	4. Centre Pivot	5. Basin	6. Micro Jet	7. Hose	8. other

SECTION III: B. CROP PRODUCTION : WATER SOURCE

55 Who owns the water source?

Circle

- | | |
|------------|---|
| Self | 1 |
| Family | 2 |
| Syndicate | 3 |
| Community | 4 |
| Government | 5 |
| None | 6 |

SECTION IV: FARMING PRACTICE USE OF FERTILISER

56a Were any fertilisers used on any of your crop fields?

Yes=1
No= 2 → Q57a

56b What kind of fertilisers did you use?

1. Chemical only
2. Manure only
3. Both chemical and manure

56c What was the overall quantity used?

Kg Lt

57a Were any chemicals used on your crop fields?

Yes=1
No= 2 → Q58

57b What kind of chemicals did you use? (Circle appropriate codes)

- | | |
|-----------------|-----------------|
| 1. Parathion | 5. DDT |
| 2. Malathon | 6. Aldrin |
| 3. Carbaryl | 7. Cypermethrin |
| 4. Alphamethrin | 8..... |
| | 9. |

SECTION V: DISPOSAL OF YOUR CROP PRODUCTION

58 Please give details below of the total area planted and area harvested and the crop production and disposal during this agricultural season? For perenial crops, give total area under cultivation.

58a Please give details below of the total area planted and harvested and the crop production and disposal in the agricultural period. For perennial crops, give total area under cultivation.

Crops	Crop Area Planted and Harvested			Total Production for the Season			Disposal of your Production for the season						Crop Code Office Use Only			
	Total Area in Hectares (Including Irrigated)		Harvested	Total Production (Including irrigated)		Number of Units Sold	Average Price per Unit Sold (Pula)	Total Receipts from Sales Already Made (Pula)	Number of Units Expect to Sell	Expected Total Receipts from column 12 (Pula)*	Units given away & Home Consumption**	Units for Payment in Kind**		Number of units Stored		
	Planted	Harvested		Planted	Harvested										Number of Units	Weight kg per unit
A. GRAINS	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. Sorghum																
2. Maize																
3. Pearl millet																
4. Finger millet																
5. Wheat																
B. CASH CROPS																
1. Cow peas																
2. Common beans																
3. Tepary beans																
4. Mum beans																
5. Jugo beans																
6. Sunflower																
7. Groundnuts																
8. Cotton																
9. Chillies																
10. Okra																
11. Baby Marrow																
12. Egg Plant																
13. Sweet reed																
14. Sugar cane																
15. Olive																

Notes:

- Please include any crops you have that are not listed.
- In columns 6, 7, 8, 9, 10, 12, 14, 15, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
- Columns 9, 10 & 11 deal with sales you have already made, while column 12 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
- * Column 13 requires the expected total receipts from the remaining units still to be sold.
- ** Include in: Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm labourers as payment in kind.

58a (Continued)

Crops	Crop Area Planted and Harvested			Total Production for the Season			Disposal of your Production for the Season						Crop Code Office Use Only			
	Total Area in Hectares (Including Irrigated)		Harvested	Total Production (Including irrigated)		Number of Units Sold	Average Price per Unit Sold (Pula)	Total Receipts from Sales Already Made (Pula)	Number of Units Expect to Sell	Expected Total Receipts from column 12 (Pula)*	Units for Home Consumption**	Units for Payment in Kind**		Number of units Stored		
	Planted	Harvested		Planted	Harvested										Number of Units	Weight (kg) per Unit
C. VEGETABLES	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. Potatoes																
2. Tomatoes																
3. Onions																
4. Cabbage																
5. Spinach																
6. Carrots																
7. Beet Root																
8. Rape																
9. Kale																
D. FRUIT																
1. Oranges																
2. Naaftjies																
3. Lemons																
4. Grapefruit																
5. Bananas																
6. Watermelons																
7. Mango																
8. Peaches																
E. FODDER																
1. Lucerne																
2. Lablab																

Notes:

- Please include any crops you have that are not listed.
- In columns 6, 7, 8, 9, 10, 12, 14, 15, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
- Columns 9, 10 & 11 deal with sales you have already made, while column 12 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
- * Column 13 requires the expected total receipts from the remaining units still to be sold.
- ** Include in: Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm labourers as payment in kind.

58b Do you produce the following: Hay or Silage

Yes=1 (Circle appropriate code)

No=2 G63

58c From which crop(s) do you produce the following:-

Crop	Weight (Kg) per unit	Crop name	Weight (kg) per unit	Crop name	Weight (Kg) per unit
Hay					
Silage					

59 Who are your Crop Buyers during this agricultural season?

- (Circle appropriate codes)
- 1. BAMB 1
 - 2. BAMB Agent 2
 - 3. Co-operative 3
 - 4. Trader 4
 - 5. Exported 5
 - 6. Millers 6
 - 7. Public 7
 - 8. Seed Multiplication Unit 8
 - 9. Other (specify)----- 9

60 To which of the following buyers do you sell your horticultural produce?

- (Circle appropriate codes)
- 1. Wholesalers 1
 - 2. Farm Stall 2
 - 3. Retailers 3
 - 4. Street Vendors 4
 - 5. Fresh Produce Market 5
 - 6. Institutions 6
 - 7. Public 7
 - 8. Other (specify)----- 8

61 Do you have any land in this Farm that you did not plough/plant during this agricultural season?

62 What is the total fallow area this season in hectares ?

Hectares

SECTION VII: AGRICULTURAL LABOUR AND FARM CREDIT

63 a. Are you aware of any Credit Institution(s)

- Yes=1
No=2 → Q65

b. Did you apply for any Credit during this agricultural season?

- Yes=1
No= 2 → Q65

c. To which credit Institution did you apply during this agricultural season?

1. NDB	2. Commercial Banks	3. CEDA	4. Other (Specify)

d. Did you receive any Credit during this agricultural season?

- Yes=1
No=2 → Q65

e. Which credit Institution helped you during this agricultural season?

1. NDB	2. Commercial Banks	3. CEDA	4. Other (Specify)

f. How much was the credit during this Agricultural Season?

Amount

P

64 What was this Credit used for?

1. Livestock	2. Crops	3. Other (specify)

65 Did you employ any agricultural workers during this agricultural season ?

- Yes=1 → Q66
No=2 → Q67

NOTE: COMPLETE THE TABLE ON THE NEXT PAGE (Q66) IF CODE IS 1 (YES) in Q65

Question 66 PERSONS CURRENTLY EMPLOYED IN THIS HOLDING

NAME	SEX	AGE	CITIZENSHIP	MARITAL STATUS	HIGHEST LEVEL	SKILLS ACQUIRED	EMPLOYEE STATUS	EMPLOYMENT STATUS	OCCUPATION	PAY-PERIOD	AMOUNT	CASH EQUIVALENT
2	3	4	5	6	7	8	9	10	11	12	13	14
1	W O R K E R N U M B E R	How Old is.....?	What is the country of....'s citizenship?	What is's Marital status?	What is the level/ Grade/Has... Completed?	How did Get the Skills He/She has now?	What is.....working as?	Is.....employed on fulltime or temporary basis?	What type of work does.....do?	How often is...paid?	How Much Cash To The Nearest Pula?	How Much is the Cash Equivalent of the In kind Payment to the Nearest Pula?
	1. M 2. F	(Age In Completed Years)	001 Botswana 002 Angola 003 Lesotho 004 Malawi 005 Mozambique 006 Namibia 007 South Africa 008 Swaziland 009 Zambia 010 Zimbabwe 011 Tanzania 012 DRC 013 Mauritius Other- (Specify)	1. Never married 2. Married 3. Living Together 4. Separated 5. Divorced 6. Widowed	(Use Education Codes Given below) 03 Never attended School	1. Self taught 2. Apprenticeship 3. On the Job 4. Technical/Vocational Institution Other (Specify)	1. Employee-paid cash 2. Employee-paid in kind 3. Self employed- no employees 4. Self employed -with employees 5. Employee-paid both in kind & cash	1. Temporary* 2. Fully time (Note: *include also casual labourers)	(use at least two words to describe his/her work probe as necessary)	1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Every six months 6. Yearly 7. Other (specify)		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

NOTE: Column 7 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Primary	10 Std 1 not completed	11 Std 1 completed	12 Std 2 completed	13 Std 3 completed	14 Std 4 completed	15 Std 5 completed	16 Std 6 completed	17 Std 7 completed	Not known	Secondary	21 Form 1 completed	22 Form 2 completed	23 Form 3 completed	24 Form 4 completed	25 Form 5 completed	26 Form 6 completed	29 Not known	Non Formal	60 Primer 1 not completed	61 Primer 1 completed	62 Primer 2 completed	63 Primer 3 completed	64 Primer 4 completed	65 Primer 5 completed
----------------	------------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	-----------	------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------	--------------	-------------------	---------------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

67 What are the difficulties affecting the operations of this farm?

circle appropriate codes

- 1. Unavailability of credit facilities 1
- 2. Lack of management skills 2
- 3. Lack of Skilled manpower 3
- 4. Transport problems 4
- 5. Lack of storage 5
- 6. Lack of space 6
- 7. Lack of labour 7
- 8. Other (**specify**) _____ 8

THANK YOU

RE A LEBOGA

Comments
