

Statutory Instrument No. 69 of 2003

**STATISTICS ACT
(Cap. 17:01)**

**STATISTICS (AGRICULTURAL CENSUS) (AMENDMENT)
REGULATIONS, 2003**

(Published on 24th December, 2003)

ARRANGEMENT OF REGULATIONS

REGULATION

1. Citation
2. Amendment of Cap. 17:01 (Sub. Leg.)

Citation

1. These Regulations may be cited as the Statistics (Agricultural Census) (Amendment) Regulations, 2003.

Amendment
of Cap. 17:01
(Sub. Leg.)

2. The Statistics (Agricultural Census) Regulations are hereby amended in the Schedule thereof by substituting, therefor, the following new Schedule —

“SCHEDULE



CONFIDENTIAL 2004 AGRICULTURAL CENSUS

Collected under Statistics Act (Cap 17:01)

Form I: Identification Form - First Visit

Section I: Locality Identification

- 1 Agricultural Region: _____
- 2 Agricultural District: _____
- 3 Block Number _____
- 4 Locality Name _____

- 6 Enumerator's Name _____

- 7 Date when listing commenced _____
- 8 Date when listing completed _____

- 9 Supervisor's Name _____

- 10 Date Checked _____

(Codes)

I Form Continuation	
Total Number of Forms	_____
This Page is	
Part:	_____
of :	_____

11 (Office and Supervisor Use)

Class	Random Start	Interval
1 - 20	Take all	Take all
21 - 40		1
41 - 60		2
61 - 80		3
81 - 100		4
101 - 120		5
121 - 140		6
141+		7

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		
Total		

- 12a Total Number of Holders _____
- 12b Total Number of Cattle Holders _____
- 13a Number for selection _____
- 13b Number of Selected Holders _____
- 13c Total sample of Holders _____
- 13d Total Number of Listed Dwellings _____
- 13e Total Number of Occupied Dwellings _____

Supervisor's Signature:	

Date: _____	

Section II: Listing of Dwellings and Household

Question 14a

Dwelling Number (Census Number Plate)	Is this Dwelling Occupied at this time Yes = 1 No = 2	House hold No.	Interview Status 1 Completed 2 Call-back 3 Vacant 4 Refusal 5 Not at Home	What is the name of the head of this household?	Sex M=1 F=2	Is the head of this household living in this household at this time? Yes = 1 No = 2	How many people live in this household now?	Does any of the (include)					
								2A	2B	2C	2D		
								LANDS	CROPS		IF YES to		
								Yes = 1 No = 2	Yes = 1 No = 2	CATTLE	SHEEP		
		Number	Number			Number	Number						
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													

14b Number of Dwellings listed
 14c Number of Occupied Dwellings

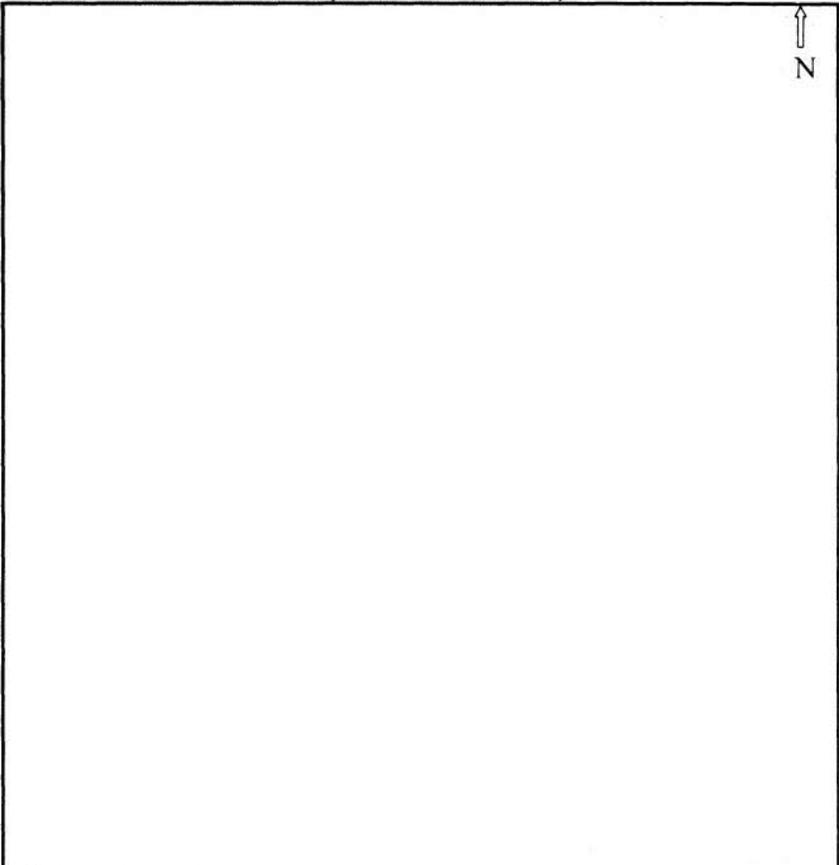
1a Cattle etc to be counted together

9						10	11	12
member of this household manage or operate following in Questions 9A - 9I? owned and raised livestock						Ask for the Holder's Name if any of the following is reported. LAND, CROPS LIVESTOCK and POULTRY. NOTE: IF ONLY POULTRY IS REPORTED THE NUMBER MUST BE AT LEAST 25 BIRDS	11A To be used for selec- tion	11B Do you have any permanent dwellings other than here, and if YES, where are they located (Write locality names)
9E	9F	9G	9H	9I	9J			
any Columns 9C to 9I, write NUMBER in appropriate box and if NO, then, write zero								
GOATS	DON- KEYS	HOR- SES	PIGS	POUL- TRY	OTHER to			
Number	Number	Number	Number	Number	Number			
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25

14d Total number of holders on this FORM
 14c 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



↑
N

Enumerator / Supervisor Comments



Republic of Botswana

CENTRAL STATISTICS OFFICE
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GABORONE, BOTSWANA



All correspondence should be addressed to the Government Statistician

CONFIDENTIAL

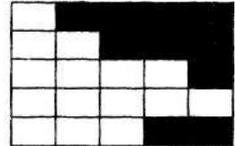
2004 AGRICULTURAL CENSUS

Collected under Statistics Act (Cap 17:01)

FORM II: TRADITIONAL FARMERS - SECOND VISIT

Section I: IDENTIFICATION

- 1 Agricultural Region: _____
- 2 Agricultural District: _____
- 3 Block Number _____
- 4 Dwelling Number _____
- 5 Household Number _____



6 Full Name of Holder

7 Name of Respondent

8 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

Enumerator's Visit Log

Visit No.	Date	Time	Remarks

Comments:

9 **RECORD CONTROL: For Office Use Only**

Number of Persons		Number of Fields	

Section II: PARTICULARS OF THE HOLDING

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

11. Is this holding operated by

1. An individual living in this holding
2. An individual living elsewhere
3. A household with two or more persons living in this holding
4. A household with two or more persons elsewhere
5. Other (Specify) _____

Enter code

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

1. Transport services
2. Ploughing services
3. Hunting/Trapping
4. Game/Wildlife propagation
5. Fishing
6. Tree Planting
7. Timber Harvesting
8. Trading Store/Shop/Vendor
9. Selling veld Products
10. Selling Traditional beer
11. Craft-Work
12. Selling Livestock
13. Selling Crop Produce
14. Piggery
15. Bee keeping
16. Dairy Produce
17. Ostrich Farming
18. Horticulture
19. Sorghum/maize Processing
20. Fruits/vegetable Processing
21. Hides and skin processing
22. Other (Specify)-----

Section III PARTICULARS OF THE HOLDER

13. State the sex of the holder

(Circle Appropriate Code)
[Male = 1 Female = 2]

14. What is the age of the holder? (In complete years)

15. What is the marital status of the holder?

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

16. Is the holder a Full-time worker?

(Circle Appropriate Code)
Yes = 1 \Rightarrow Q18
No = 2

17. What is his/her other occupation?

Office use

22 What were the sources of your seeds this year? (Circle Appropriate Codes)

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

23 What was the draught power used mainly to plough the fields?

1. Oxen only
2. Cows only
3. Both Oxen and Cows
4. Donkeys
5. Tractor
6. Hand hoe
7. Other (Specify) _____

24 Who provided this draught power? (Circle Appropriate Codes)

1. Self/Family
2. Borrowed
3. Self plus Borrowed
4. Mafisa
5. Hired
6. Other (Specify) _____

25 What methods were used to plant the seeds? (Circle Appropriate Codes)

1. Broadcast
2. Row planter
3. Row plant by hand
- Other (Specify) _____

26 Are your fields fenced?

1. Yes - All
2. Yes - Some
3. No - none

⇒ Go To Section V

27 What kind of fences have been used?

1. Bush
2. Wire and Poles
3. Poles Only
- Other (Specify) _____

Section V Land Measurement .

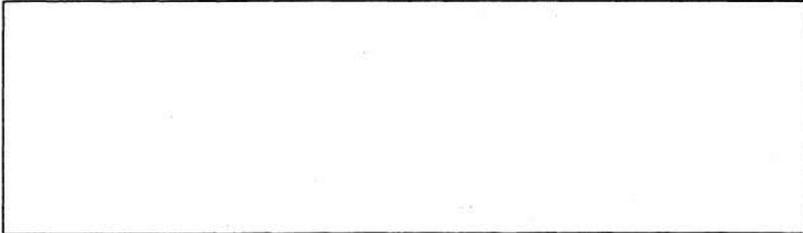
28 TAKE FIELD MEASUREMENT: VISIT EACH FIELD REPORTED IN THE HOLDING.

NOTE: MAKE SURE THAT THE NUMBER OF FIELDS REPORTED FOR AREA MEASUREMENT REFLECT THE NUMBER OF FIELDS REPORTED IN QUESTION 21 IN THAT SEQUENCE

Sketch Map of Field

Field No.

Planted (1) / Fallow (2)



Area Measurements (Compass and Chain)

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

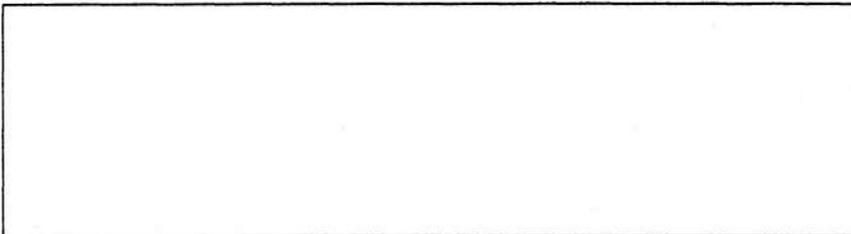
Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

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

Sketch Map of Field

Field No.

Planted (1) / Fallow (2)



Area Measurements (Compass and Chain)

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

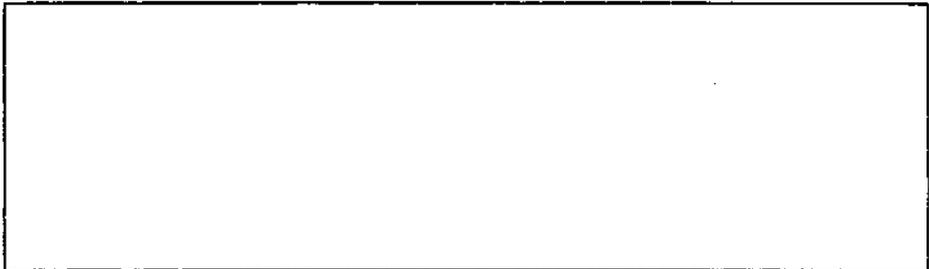
Note: The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

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

28 Land Measurement continued

Sketch Map of Field Field No:

Planted (1) / Fallow (2)



Area Measurements (Compass and Chain)

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

29 Total Number of Fields. 1 Crop Fields

2 Fallow Fields

SECTION II : LIVESTOCK

Part A : CATTLE

10a Does this holding own, raise, operate or manage any Cattle? *(Include Mafisa Cattle in your Kroat)* Yes = 1 → Q 11a
 No = 2

10b Has this Holding ever had any Cattle during this agricultural season? Yes = 1 → Q 12
 No = 2 → Q21a

11a How many of the following breeds do you have? *(Include Cattle owned by other members of this Holding and Mafisa in)?*

B R E E D	Bulls	Oxen	Cows	Heifers	Tollies	Male Calves	Female Calves	Total
1. Semmental								
2. Charolais								
3. Jersey								
4. Tuli								
5. Friesian								
6. Brahmaan								
7. Crosses								
8. Tsuano								
9. Brown swiss								
10. Afrlander								
11. Santa Gotrudie								
12. Other (specify)								
.....								
.....								
TOTAL								

11b Which breed of cattle do you prefer most? _____

11c Cattle Breed Preference: Why do you prefer this particular breed? _____

11d What is the breeding method that you use amongst your cattle?
 1 Artificial insemination
 2 Bull service
 3 Both artificial insemination and bull service

11e Breeding method use : Why do you use this particular method? _____

12 Sales: How many Cattle were sold or traded out 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)

Sold To	Sold		Traded out		
	Number	Value	Number	Value	Description
1. BMC Direct					
2. Municipal Abattoir					
3. BMC Agent					
4. At Auction					
5. Government Restocking					
6. Another Farmer					
7. Village Abattoir					
8. Trader					
9. Butcher					
10. Feedlot					
other (specify)					

CALVES ONLY

13 How many Calves were born during this agricultural season, through:
(include those lost, dead, sold, etc)

a. Artificial insemination b. Bull service

- 14 How many Calves died during this agricultural season ?
- 14a How many calves were lost due to strays and theft during this agricultural season ?

CATTLE

- 15 How many Cattle, excluding Calves, died during this agricultural season ?
- 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
- 18 How many Cattle were eradicated/destroyed due to cattle diseases outbreak during this agricultural season ? cattle
calves
- 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
1. Purchased			
2. Obtained			

Part B : GOATS

- 21a Does this holding own, raise, operate or manage any Goats? (*Include Mafisa Goats in your Kwal*) Yes = 1 → Q 22
No = 2
- 21b Has this Holding ever had any Goats during this agricultural season? Yes = 1 → Q 23
No = 2 → Q 32a
- 22 How many of the following breeds do you have? (*Include Goats owned by other members of this Holding and Mafisa in*)?

B R E E D	Buck(uncastrated) 1 Year & Over	Castrated Males 1 Year & Over	Females 1 Year & Over	Males Under 1 Year	Females Under 1 Year	TOTAL
1. Tswana						
2. Boer						
3. Saanen						
4. Crosses						
5. Other(specify)						
TOTAL						

KIDS ONLY

- 23 How many Kids were born during this agricultural season ?
(include those lost, dead, sold, etc)
- 24 How many Kids died during this agricultural season ?
- 25 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

- 26 How many Goats, excluding Kids, died during the current agricultural season ?
- 27 How many Goats were lost due to strays and theft during the current agricultural season ?
Do not include Goats already reported as dead.
- 28 How many Goats were slaughtered for consumption during the current agricultural season ?
Include slaughtered for weddings, deaths ceremonies etc

GOATS AND KIDS

29 How many Goats were given away during the current agricultural season ?

30 How many Goats were sold or traded during the current agricultural season ?
 Include BMC, Auctions, Abattoirs, Traders Farmers etc

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

31 How many Goats were purchased/obtained during the current 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
1. Purchased			
2. Obtained			

Part C : SHEEP

32a Does this holding own, raise, operate or manage any Sheep? (Include Mafisa Sheep in your Khaal) Yes = 1 \Rightarrow Q 33
 No = 2

32b Has this Holding ever had any sheep during this agricultural season? Yes = 1 \Rightarrow Q 34
 No = 2 \Rightarrow Q 43

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

BREED	Rams (males) 1 Year & Over	Castrated Males 1 Year & Over	Females 1 Year & Over	Males Under 1 Year	Ewes (females) Under 1 Year	Total
1. Tswana						
2. Dorper						
3. Karakul						
4. Crosses						
5. Other(specify)						
TOTAL						

LAMBS ONLY

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

35 How many Lambs died during this agricultural season ?

36 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

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

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

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

SHEEP AND LAMBS

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

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

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

Part B : FARMING PRACTICE

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

Yes = 1

No = 2 \Rightarrow Q 49

48 What type of fertilisers did you use? (*circle appropriate code*)

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

48a What was the overall quantity used?

Kg

49 Did you weed your crop fields this agricultural season?

Yes, All = 1

Yes, Some = 2

No = 3 \Rightarrow Q 51

50 How many times did you weed your fields?

51 What were the most predominant weeds?(*circle appropriate codes*)

- 1 Cynodon dactylon (motlho, motlhwa)
 - 2 Datura ferox (mokhure)
 - 3 Hibiscus meeusei (mmabasete, mmankgarane)
 - 4 Acospermum hispidum (setlhabakolobe, sephalane, khonkhorose)
 - 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)
- Other (specify) _____

NOTE: (1) If there are crops sold or expected further sales indicated, i.e. Questions 52g and 52h have entries, ask Question 53. and (2) If there is harvesting status code of three (3) in Question 52, ask Question 54. Otherwise if none of the above is indicated as stated, go to Section IV.

53 To whom were most of the crops sold ?(Circle Appropriate codes)?

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

54 What were the main reasons for not harvesting the crops mentioned earlier in Question 52 (Circle Appropriate codes)?

- | | |
|--|--------------------------------|
| 1. Lack of rain | 6. Crops destroyed by floods |
| 2. Crops destroyed by Livestock | 7. Crops destroyed by weeds |
| 3. Crops destroyed by diseases | 8. Crops destroyed by frost |
| 4. Crops attacked by pests (quelea birds, insects etc) | 9. Crops destroyed by wildlife |
| 5. Underground fire | 10. Other (Specify) _____ |

SECTION IV : WATER SUPPLY ,FARM EQUIPMENT AND MACHINERY INVENTORY

55a What is your most reliable source of water supply for the following?

Tick where appropriate

	1. Borehole	2. Well(Petse/ Sediba)	3. Dam	4. River (Open well) (Including Go shaole)	5. Lecha (Pan)	6. Pond (Mogobe)
1. Livestock						
2. Household						

55b Who owns the water source?

Tick where appropriate

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

55c For water supply being borehole : state the source of energy

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

55d What is the approximate distance in kilometres from the kraal/holding to the water source?
 Note: For livestock, the approximate distance is from the kraal, rather than from the housing unit.

	Distance in Km
1. Livestock	
2. Household	

56 How many of the following do you own and are either in good working condition or temporarily out of order?

	Working Condition				Working Condition		
	Good	Temporarily Out of Order	Total		Good	Temporarily Out of Order	Total
1. Harrow				14. Trailer			
2. Single Plough				15. Cart			
3. Double Plough				16. Shovel			
4. Single Planter				17. Spray race			
5. Double Planter				18. Spray pump			
6. Cultivator				19. Dip-tank			
7. Mower				20. Maize grinder			
8. Hoe				21. Maize Sheller			
9. Rake				22. Bailer			
10. Wheel Barrow				23. Forage harvester			
11. Thresher				24. Double harvester			
12. Tractor				25. _____			
13. Truck				26. _____			

SECTION V : FARM ENTERPRISE

Part A: ECONOMIC SECTION

57a 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) _____ |

57b Of the ones indicated above , which one do you regard as the main?

58a 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) _____

58b Of the ones indicated above , which one do you regard as the main source?

59 Are you aware of any of the following Farming Programmes?

- (Circle codes)
1. ALDEP
 2. NAMPAAD
 3. SLOCA
 4. Livestock Water Development
 5. Other (Specify) _____
 6. None _____

Part B: FARM LABOUR

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

- Circle
1. Yes _____
 2. No \Rightarrow END INTERVIEW

Question 61

PERSONS CURRENTLY EMPLOYED IN THIS HOLDING

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	SEX	AGE	CITIZENSHIP	MARITAL STATUS	SCHOOL ATTENDANCE	HIGHEST LEVEL	SKILLS ACQUIRED	EMPLOYEE STATUS	OCCUPATION	PAY-PERIOD	MODE OF PAYMENT	AMOUNT	CASH EQUIV.	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

NOTE: Column 9 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Pre-school	Primary				Secondary				Non Formal			
00 1st year not completed	10 Standard 1 not completed	11 Std 1	16 Std 6		20 Form 1	25 Form 5			40 Primer 1 not complete	45 Primer 3		
01 1st year completed	11 Standard 1				22 Form 2	26 Form 6			41 Primer 1	44 Primer 4		
02 2nd year completed	12 Standard 2				23 Form 3	27 Not Known			42 Primer 2	45 Primer 5		
09 Don't Know					24 Form 4				43 Primer 3	46 Not Known		

62 Land Measurement continued

Sketch Map of Field Field No:

Planted (1) / Fallow (2)



Area Measurements (Compass and Chain)

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

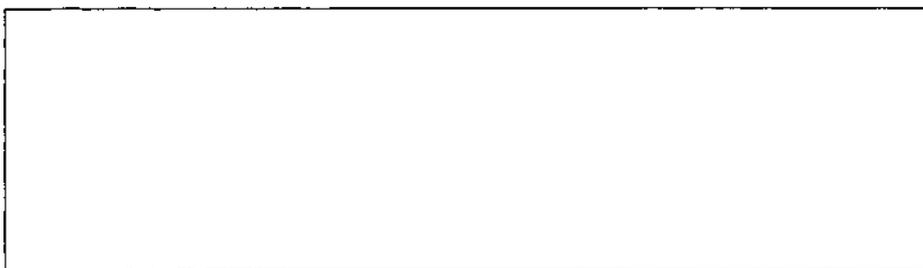
Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

63. Total Number of Fields

1. Crop Fields

2. Fallow Fields



Republic of Botswana

CENTRAL STATISTICS OFFICE
Private Bag 0024
GABORONE, BOTSWANA



All correspondence should be addressed to the Government Statistician

CONFIDENTIAL **2004 AGRICULTURAL CENSUS**
Collected under Statistics Act (Cap 17:01)

FORM IV: COMMERCIAL FARMS AND RANCHES

Section I: IDENTIFICATION

[Empty box for identification details]

For Office Use Only

- 1 Agricultural Region
- 2 Agricultural District
- 3 Block Number
- 4 Questionnaire Number

[Grid for office use only]

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 Ownership status 1. Owner 2. Leasee

9a Name of Owner/Leasee _____

9 Sex 1. Male 2. Female

10a In which Block is this Farm located? *(enter appropriate code)*

- 1 Tuli Block
- 2 Tati Block
- 3 Gantsi Freehold
- 4 Motopo Freehold
- 5 Gaborone Freehold
- 6 Pandamatenga
- 7 Lobatse Freehold
- 8 Sand Veld TGLP
- 9 Ngwaketse TGLP
- 10 Kgalagadi TGLP
- 11 Kweneng TGLP
- 12 Gantsi TGLP
- 13 Haina Veld TGLP
- 14 Nata TGLP
- 15 Lepasha TGLP
- 16 Barolong Farms
- 17 Other *(Specify)*

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

10c Is the farm fenced? 1. Yes 2. No

11 Indicate the type of Organisation or Management of this Farm *(enter appropriate code)*

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

12 How do you rate the production of this ranch? *(enter appropriate code)*

- 1. Very Good
- 2 Good
- 3 Fair
- 4 Poor

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

Yes = 1

No = 2 \rightarrow Section 11

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

	Name	Postal Address	Area	Unit
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 14.

Section 11 : LIVESTOCK: BEEF AND DAIRY CATTLE

15a Does this Farm have any Cattle?

- 1. Dairy only
- 2. Beef only
- 3. Both
- 4. None

\rightarrow Question 17a

} \rightarrow Question 16a

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

- 1. Yes
- 2. No

\rightarrow Question 19

\rightarrow Question 26a

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	Calves	Bullocks	Male Calves	Female Calves
1. Semmental								
2. Charollais								
3. Brown Swiss								
4. Tuli								
5. Bonsmara								
6. Brahman								
7. Sussex								
8. Afrikaner								
9. Santa Getrude								
10. Crosses								
11. Twans								
12. Other (specify)								
TOTAL								

16b Cattle Breed Preference: Which breed of beef cattle do you prefer most?

16c Why do you prefer this particular breed?

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	Calves
			Milking	Dry				
1. Dairy Seminal								
2. Brown Swiss								
3. Jersey								
4. Holstein								
5. Friesian								
6. Dairy Swiss								
7. Dairy crosses								
8. Other (specify)								
TOTAL								

17b Cattle Breed Preference: Which breed of dairy cattle do you prefer most?

17c Why do you prefer this particular breed?

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

1. Locally
2. Imported
3. Other

Number	Cost

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

	Yes	No
TB		
Brucellosis		

MILK AND MILK PRODUCTS

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

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

18c What is the farm gate price per litre?

price

18d To whom is the raw milk sold ?

1. Processing plant
2. Consumer

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

(tick appropriate box)

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

18f What are the quantities produced monthly 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 EQUIPMENT AND PROBLEMS ENCOUNTERED

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

- Milk cooling tank
- Milking machine (with its accessories)
- Milk cans
- Milk strainer
- Strip cup
- Seamless milk buckets
- Nitrogen flask

Working condition		
Working	Out of order	Total

18h Are there any problems that you experience in this dairy farm? (Tick in box)

- 1. Mouldier problems
- 2. Veterinary support services
- 3. Other (specify)

Yes	No

C: BOTH BEEF AND DAIRY

19 Breeding Method: What is the breeding method used amongst your Cattle?
 1 Artificial insemination
 2 Bull service
 3 Both

19a Why do you prefer this particular method? _____

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
1. ARTIFICIAL INSEMINATION	
2. BULL SERVICE	

19c Deaths: How many Calves died during this agricultural season?
 1. Beef (Number)
 2. Dairy

20 Loss: How many Calves were lost due to strays and theft during this agricultural season?
 1. Beef (Number)
 2. Dairy

CATTLE - EXCLUDING CALVES

21 Deaths: How many Cattle, excluding Calves, died during this agricultural season?
 1. Beef (Number)
 2. Dairy

22 Lost: How many Cattle excluding calves were lost due to strays and theft during this agricultural season?
 1. Beef (Number)
 2. Dairy

23 Consumption: How many Cattle were slaughtered for home consumption during this agricultural season?
 1. Beef (Number)
 2. Dairy

23a How many cattle were eradicated due to cattle disease outbreaks during this agricultural season?
 1. Beef (Number)
 2. Dairy

24 Given away: How many Cattle were given away (including Bogadv/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		Description
	Number	Value	Number	Value	
1. BMC Direct					
2. BMC Agent					
3. At Auction					
4. Municipal Abattoir					
5. Another Farmer					
6. Village Abattoir					
7. Trader					
8. Butcher					
9. Feedlot					

25b Purchases: Number of Cattle purchased/obtained during this agricultural season?

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

Section II : LIVESTOCK: GOATS

26a Does this farm have any Goats?

Yes=1 Question 27
 No = 2

26b Did this Farm have any Goats during this agricultural season?

Yes=1 Q 28
 No = 2 Q 37a

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

Breed	Uncastrated males	Castrated Males	Females	Male Kids	Female Kids
1. Boer goat					
2. Sanaan					
3. Tswana					
4. Other (specify)					
Total					

K I D S O N L Y

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

29 Deaths: How many Kids died during this agricultural season?

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

GOATS - EXCLUDING KIDS

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

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

33 Consumption: How many Goats were slaughtered for consumption during this agricultural season?
Include those slaughtered for weddings, death ceremonies and all other ceremonies

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

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

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

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

Purchased/Obtained	number	Value (Pula)	Description of goods given out where applicable	Office Use
1. Purchased				
2. Obtained				

Section II: LIVESTOCK: SHEEP

37a Does this Farm have any Sheep? Yes=1 Q 38
No = 2

37b Did this Farm have any Sheep during this agricultural season? Yes=1 Q 39
No = 2

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

Breed	Uncastrated males	Castrated Males	Female sheep	Male Lambs	Female Lambs
1 Dorper					
2 Karakul					
3 Tswana					
4 Other (specify)					
TOTAL					

LAMBS ONLY

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

40 Deaths: How many Lambs died during this agricultural season?

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

SHEEP - EXCLUDING LAMBS

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

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

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

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

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

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

47 Purchased: Purchased/obtained during this agricultural season?

Purchased/Obtained	number	Value (Pula)	Description of goods given out where applicable	Office Use
1. Purchased				
2. Obtained				

Section II: LIVESTOCK: OTHER LIVESTOCK

48 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 Value
		Number	Value	Number	Description of traded goods received	
1. Pig						
2. Donkeys/Mules						
3. Mules						
4. Horses						
5. Dogs						
6. Chickens						
7. Ostriches						
8. Other Birds						
9. Other Animals						

49a. Were any vaccines/drugs/medicines used on your livestock during this agricultural season?

Yes = 1
No = 2 ⇒ Q 50a

49b. What vaccines/drugs/medicines did you use?
(write names of vaccines/drugs/medicines below)

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

49c. What were these vaccines/drugs/medicines used to control?

Tick where appropriate

1. Insects	2. Parasites	3. Disease/Fungus	4. Other (Specify)
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Section III: A. CROP PRODUCTION (Cereal Crops, Fruits, & Vegetables)

50a. Did you or any member of this holding plant/ grow any crops, fruits or vegetables in this Farm during this agricultural season?

Yes = 1
No = 2 ⇒ Q 62

50b. Are there any crops under irrigation during this agricultural season?

Yes = 1
No = 2 ⇒ Q 54

51. 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
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Section III: B. CROP PRODUCTION : WATER SOURCE AND MARKETING OF HORTICULTURAL PRODUCE

52. What is your most reliable source of water supply for your crops?
(Tick where appropriate)

Bore-hole	Dam	River
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53. Who owns the water source? (enter code in box)

1. Self
2. Family
3. Syndicate
4. Community
5. Council
6. None

Section IV: FARMING PRACTICE USE OF FERTILISER

54. Were any fertilisers used on any of your crop fields?

Yes = 1
No = 2 ⇒ Q 57

55. What kind of fertilisers did you use?

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

Ke

56. What was the overall quantity used?

57. Were any pesticides used on your crop fields?

Yes = 1
No = 2 ⇒ Q 59

58. What kind of pesticide did you use? (enter code in box)

1. Parathion
2. Dielder Backmoth
3. Malathion
4. Carbarby
5. Alphamethrin

6. DDT
7. Aldrin
8. Cypermethrin
9.
10.

59 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 (See Only)		
	Total Area in Hectares (Including Irrigated)		Irrigated Area only		Total Production (including irrigated)		Irrigated Area Only	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 **
	Planted	Harvested	Planted	Harvested	Number of Units	Weight (kg) per Unit	Number of Units								
	2	3	4	5	6	7	8	9	10	11	12	13		14	15
A. GRAINS															
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. Mug beans															
5. Jugo beans															
6. Sunflower															
7. Groundnuts															
8. Cotton															
9. Lucerne															
10. Chillies															
11. Okra															
12. Baby Marrow															
13. Egg Plant															
14. Sweet reed															
15. Sugar cane															
16. Lablab															
17. Olive															

Notes:

- 1 Please include any crops you have that are not listed.
- 2 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.
- 3 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).
- 4 * Column 13 requires the expected total receipts from the remaining units still to be sold.
- 5: ** Include in Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm laborers as payment in kind.

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		Irrigated Area only		Total Production (including irrigated)		Irrigated Area Only	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 13 (Pula) *	Units for Home Consumption **		Units for Payment in Kind **
	(Including Irrigated)		only		Number of Units	Weight (kg) per Unit	Number of Units								
	Planted	Harvested	Planted	Harvested				6	7	8	9	10	11		12
C. VEGETABLES															
1. Potatoes															
2. Tomatoes															
3. Onions															
4. Cabbage															
5. Spinach															
6. Carrots															
7. Beet Root															
8. Rape															
9. Kale															
D. FRUIT															
1. Oranges															
2. Nectarines															
3. Lemons															
4. Grapefruit															
5. Bananas															
6. Watermelons															
7. Mango															
8. Peaches															

Notes

1. Please include any crops you have that are not listed.
2. 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.
3. 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).
4. * Column 13 requires the expected total receipts from the remaining units still to be sold.
5. ** Include in: Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm labourers as payment in kind.

Section V DISPOSAL OF YOUR CROP PRODUCTION

60 Who are your major Crop Buyers (during this agricultural season?)

- 1. BAMB
- 2. BAMB Agent
- 3. Co-operative
- 4. Trader
- 5. Exported
- 6. Millers
- 7. Public
- Other (specify)-----

61 To which of the following buyers do you sell your horticultural produce?
(Circle appropriate codes)

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

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

Yes = 1
No = 2 ⇒ Q 64

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

Hectares

Section V7: AGRICULTURAL EQUIPMENT AND IMPLEMENTS

64 How many of the following do you own and are either in good working condition or temporarily out of order?
(Read out the list and put in the number inside the box)

	Total Number	Good Condition	Temporarily Out of Order
1. Harrow			
2. Single Plough			
3. Double Plough			
4. Single Planter			
5. Double Planter			
6. Cultivator			
7. Mower			
8. Hand Hoe			
9. Rake			
10. Wheel Barrow			
11. Thresher			
12. Tractor			
13. Truck			

	Total Number	Good Condition	Temporarily out of order
14. Trailer			
15. Cart			
16. Spray race			
17. Spray pump			
18. Dip-tank			
19. Maize grinder			
20. Maize Sheller			
21. Baler			
22. Forage Harvester			
23. Double harvester			
24			
25			
26			

Section V71: AGRICULTURAL LABOUR AND FARM CREDIT

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

Yes = 1 No = 2 ⇒ Q67

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

Yes = 1 No = 2 ⇒ Q67

c. To which credit Institution did you apply ?

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

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

Yes = 1 No = 2 ⇒ Q67

e. Which credit Institution helped you?

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

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

amount

QUESTION 45 PERSONS CURRENTLY EMPLOYED IN THIS HOLDING

NAME	SEX	AGE	CITIZENSHIP	NATIONAL STATUS	SCHOOL ATTENDANCE	HIGHEST LEVEL	SKILLS ACQUIRED	EMPLOYEE STATUS	OCCUPATION	PAY PERIOD	MODE OF PAYMENT	AMOUNT	CASH EQUIV
1. Name of holder of holding who are currently employed in this holding													
1. Male 2. Female			What is the country of citizenship?	What is the marital status?	Has he ever attended school? 1. Never attended 2. Yes 3. Yes - Attending 4. Yes - Full Time	What is the highest level? 1. Completed 2. Education 3. Education 4. Education 5. Other (Specify)	What are the skills he/she has? 1. Self taught 2. Self taught 3. On the job 4. Technical 5. Vocational 6. University 7. Other (Specify)	What is his/her status? 1. Employee - full time 2. Employee - part time 3. Self employed - no employees 4. Self employed - with employees 5. Unpaid family helper 6. Unpaid helper (Specify)	What type of work does he/she do? (If he/she is an agricultural worker, please specify)	From when to when? 1. Daily 2. Weekly 3. Monthly 4. Every Six Months 5. Yearly 6. Other (Specify)	How is he paid? 1. Cash Only 2. In kind 3. Cash & 2 4. Cash & 2 5. Cash & 2 6. Cash & 2 7. Cash & 2 8. Cash & 2 9. Cash & 2 10. Cash & 2 11. Cash & 2 12. Cash & 2 13. Cash & 2 14. Cash & 2 15. Cash & 2 16. Cash & 2 17. Cash & 2 18. Cash & 2 19. Cash & 2 20. Cash & 2	How much Cash To The National Bank? (If cash is in the National Bank, please specify the amount)	How much Cash To The National Bank? (If cash is in the National Bank, please specify the amount)

NOTE: Column 8 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Practical	Primary	Secondary	Non Formal
10. Standard 1 not completed	11. Std 1	12. Form 1	60. Formal 1 not completed
11. Standard 1	12. Std 2	13. Form 2	61. Formal 2
12. Standard 2	13. Std 3	14. Form 3	62. Formal 3
13. Standard 3	14. Std 4	15. Form 4	63. Formal 4
14. Standard 4	15. Std 5	16. Form 5	64. Formal 5
15. Standard 5	16. Std 6	17. Form 6	65. Formal 6
16. Standard 6	17. Std 7	18. Form 7	66. Formal 7
17. Standard 7	18. Std 8	19. Form 8	67. Formal 8
18. Standard 8	19. Std 9	20. Form 9	68. Formal 9
19. Standard 9	20. Std 10	21. Form 10	69. Formal 10
20. Standard 10	21. Std 11	22. Form 11	70. Formal 11
21. Standard 11	22. Std 12	23. Form 12	71. Formal 12
22. Standard 12	23. Std 13	24. Form 13	72. Formal 13
23. Standard 13	24. Std 14	25. Form 14	73. Formal 14
24. Standard 14	25. Std 15	26. Form 15	74. Formal 15
25. Standard 15	26. Std 16	27. Form 16	75. Formal 16
26. Standard 16	27. Std 17	28. Form 17	76. Formal 17
27. Standard 17	28. Std 18	29. Form 18	77. Formal 18
28. Standard 18	29. Std 19	30. Form 19	78. Formal 19
29. Standard 19	30. Std 20	31. Form 20	79. Formal 20
30. Standard 20	31. Std 21	32. Form 21	80. Formal 21
31. Standard 21	32. Std 22	33. Form 22	81. Formal 22
32. Standard 22	33. Std 23	34. Form 23	82. Formal 23
33. Standard 23	34. Std 24	35. Form 24	83. Formal 24
34. Standard 24	35. Std 25	36. Form 25	84. Formal 25
35. Standard 25	36. Std 26	37. Form 26	85. Formal 26
36. Standard 26	37. Std 27	38. Form 27	86. Formal 27
37. Standard 27	38. Std 28	39. Form 28	87. Formal 28
38. Standard 28	39. Std 29	40. Form 29	88. Formal 29
39. Standard 29	40. Std 30	41. Form 30	89. Formal 30
40. Standard 30	41. Std 31	42. Form 31	90. Formal 31
41. Standard 31	42. Std 32	43. Form 32	91. Formal 32
42. Standard 32	43. Std 33	44. Form 33	92. Formal 33
43. Standard 33	44. Std 34	45. Form 34	93. Formal 34
44. Standard 34	45. Std 35	46. Form 35	94. Formal 35
45. Standard 35	46. Std 36	47. Form 36	95. Formal 36
46. Standard 36	47. Std 37	48. Form 37	96. Formal 37
47. Standard 37	48. Std 38	49. Form 38	97. Formal 38
48. Standard 38	49. Std 39	50. Form 39	98. Formal 39
49. Standard 39	50. Std 40	51. Form 40	99. Formal 40
50. Standard 40	51. Std 41	52. Form 41	100. Formal 41

MADE this 25th day of November, 2003.

B. GAOLATHE,
Minister for Finance and
Development Planning.

L2/7/150 V