

STATISTICAL AUTHORITY AND CONFIDENTIALITY
(Law 7/96 July)

Article 6 STATISTICAL AUTHORITY- The principle of Statistical authority consists of the right conferred to INE to undertake surveys in the exercise of its activities, *com obrigatoriedade de respostas*, within fixed deadlines as well as establish procedures for the production of statistics.

Article 14 STATISTICAL CONFIDENTIALITY- All statistical information of a personal nature, collected by official statistical authorities are strictly confidential.



Republic of Mozambique
Ministry of Agriculture and Rural Development
Directorate of Economics / Department of Statistics
NATIONAL AGRICULTURAL SURVEY 2003
SMALL AND MEDIUM FARMS - WITH FIELD MEASUREMENTS

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Call back:

A. Identification of the farm

A01.	Province			A09.	Was the HH interview in TIA 2002? 1- Yes 2- No		
A02.	District			A10.	Name of the HH head		
A03.	Primary Sampling Unit (PSU) (Village/Community/Block)			A11.	Name of the interviewed		
A04.	PSU Code			A12.	Does the farm have machamba? 1- Yes 2- No		
A05.	Household number in the selection list			A13.	Does the farm breed animals? 1- Yes 2- No		
A06.	Household number in the listing			A14.	Does the farm have cashew- or coconut trees? 1- Yes 2- No		
A07.	Farm size based on listing 1- Small 2- Medium 3- Large			A15.	Does the farm have fruit trees? 1- Yes 2- No		
A08.	PSU Location 1- Rural 2- Urban			A16.	Does the farm have a measurement questionnaire? 1- Yes 2- No		
IF THE ANSWERS TO A12, A13, A14 & A15 ARE 'NO', END UP THE INTERVIEW*							
A17.	Date of the 1st interview (dd/mm/yyyy)	___ / ___ / 2003		A21.	Date of the 1st data entry (dd/mm/yyyy)	___ / ___ / 2003	
A18.	Time of the 1st interview	___ : ___ à ___ : ___		A22.	Name of the 1st Data entry operator		
A19.	Date of the 2nd interview (dd/mm/yyyy)	___ / ___ / 2003		A23.	Date of the 2nd data entry (dd/mm/yyyy)	___ / ___ / 2003	
A20.	Time of the 2nd interview	___ : ___ à ___ : ___		A24.	Name of the 2nd Data entry operator		
A25.	Was the HH located? 1- Yes 2- No			A29.	Was the interview completed? 1- Yes 2- No		
A26.	If no, why not 1- Moved 2- Not identified 3- HH head died 4- Other _____			A30.	If no, why not 1- Refused 2- Other, specify _____		
A27.	Was the HH interviewed? 1- Yes 2- No			A31.	Enumerator		
A28.	If no, why not 1- Refused 2- HH head died 3- Is traveling 4- Answered 'no' to A12-A15			A32.	Field supervisor		

B. Household Members

LIST THE HOUSEHOLD MEMBERS BEFORE ASKING THE REMAINING QUESTIONS. START WITH THE HH HEAD.

B00	B0A	B01	B02	B03	B04	B05	B06	B07	B08	B09
Nº	<p>Names</p> <p>Would you please give me names of the HH members that usually live & eat together since the beginning of the 2002/2003 agricultural season.</p> <p>Aside from these persons, are there other HH members who participated in the 02/03 season but are not present?</p> <p>Aside from these persons, were there other persons who lived and ate with your HH since the beginning of the 2002/2003 agricultural season?</p>	<p>Sex</p> <p>1- Male 2- Female</p>	<p>Relation to head</p> <p>1- Self 2- Spouse 3- Son/daughter 4- Brother/sister 5- Father/mother 6- Other relative 7- Non relative</p>	<p>How old is [..name..]?</p>	<p>Educational Attainment</p> <p>0- Illiterate 01 to 12- 1st to 12th grade 13 -College 19- Knows how to read & write</p>	<p>Do you practice agriculture as a</p> <p>1- Primary activity 2- Secondary activity 3- Does not grow crops or breed animals</p>	<p>Was [Name] living in this house since the beginning of 2002/03 agricultural season?</p> <p>1- Yes 2- No</p>	<p>Did [..name..] undertake any employment activity during the 02/03 season?</p> <p>GIVE EXAMPLES</p> <p>1- Yes 2- No</p>	<p>Did [..name..] undertake any self-employment activity?</p> <p>GIVE EXAMPLES</p> <p>1- Yes 2- No</p>	<p>Has [name] attended to any agricultural course [of at least a 3 month duration]?</p> <p>1- Yes 2- No</p>
					ONLY FOR 10 YRS MEMBERS OR OLDER					
01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
13										

C. Access to Services, Associations, Credit, Land and the Occurrence of Natural Disasters

C01	C02					C03	C04	C05	C06	C07	C08			
Did the person responsible for the farm or any other HH member receive any information or advice from an extension officer during the last 12 months?	Did you receive any information about prices during the last 12 months:					Is the person responsible for the farm or any other hh member a member of an agricultural association?	Did any female household member actively participate in this association?	Did any of the hh members receive credit in cash or in kind from the government, associations, NGOs or formal banks during the last 12 months?	Did any of the hh members receive credit (cash or in kind) from enterprises, vendors, shops during the last 12 months?	IF THE ANSWER TO C05 OR C06 IS 'YES' Did any female hh member receive the credit?	Did you experience losses of crops, livestock or other assets caused by:			
1- Yes 2- No	1- Yes 2- No	Radio	Associations	Rural Extension	Publications	Others, sp.	1- Yes 2- No → C05	1- Yes 2- No	1- Yes 2- No		1- Yes 2- No	1- Yes 2- No	Drought	Floods

C09	C10	C11	C12A	C12B	C13		
Did you receive emergency seed during the last agricultural season?	Were any of your machambas affected by uncontrolled fires during 2002/2003 agricultural season?	What would be the easiest way to obtain more land, if you wished to have more cultivated land? [..READ THE CODES..]	IF THE ANSWER TO C11 IS '1' Why will you not search for available land/unoccupied land? (name up to 2 reasons)		How far is this land [referred in C11]? KILOMETRES OR HOURS WALKING		
1- Yes 2- No	1- Yes 2- No	1- Clear land or ask for available land from the authorities → C13 2- Rent land 3- Borrow land 4- Buy land	1- There is not available land nearby 2- There is no good land available 3- Does not have land rights 4- It's too expensive to clear the land 5- Lack of labor to clear the land 6- Other, specify _____		Kilometres	Hours	Minutes

D. Food Security, Income and Well-Being Indicators

1. HOUSEHOLD ASSETS, REMITTANCES AND PENSIONS

D01	D02	D03	D04	D05	D06	D07	D08	D09	D10
Does your household have [...]?					What kind of roofing material is the main house made of?	What kind of materials are the walls of the main house made of?	During the last 12 months, did you receive money, food, or other goods from someone who does not live in this farm?	During the last 12 months, did you send money, food, or other goods to someone who does not live in this farm?	Did any HH member receive a pension during the last 12 months?
Oil lantern	Radio	Latrine	Wood table	Sewing machine	1- Grass/cane/palm tree leaves 2- Zinc 3- Luzalite 4- Other	1- Sticks 2- Clay blocks 3- Concrete blocks/bricks 4- Grass/cane/palm tree leaves 5- Zinc 6- Other	1- Yes 2- No	1- Yes 2- No	1- Yes 2- No

2. PAID WORK OUT OF HIS OWN FARM

D11							D12											
<p>We would like to know whether any HH member undertook (wage or salaried) employment. The activity can be either in the agricultural or non-agricultural sector. It includes work done for another farm, factory, government, dealer, NGOs, and others.</p> <p>Did any of the HH members undertake [..READ THE TYPE OF ACTIVITY..] and was (s)he paid cash or in kind during the last 12 months?</p>							<p>In which months during the last 12 months did you received remuneration (in cash or in kind) for these activities?</p> <p>[.. READ THE TYPE OF ACTIVITY AND GIVE SOME EXAMPLES..]</p> <p>1- Received money 2- Didn't receive money 3- Hasn't received money, but should receive</p>											
Agricultural work	Work outside the country	Teacher, health sector works	Construction, Mechanic	Manager, secretary, Accountant	Domestic work (cook, gardener)	Others, specify	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug

D. Food Security, Income and Well-Being Indicators, (continued)

3. OWN ACTIVITIES: FISHING, FORESTRY, AND FAUNA PRODUCTS

D13								D14											
We would like to know whether any HH member undertook any off-farm self employment activity. During the last 12 months, did one of the HH members: [..READ THE TYPE OF ACTIVITY..] for sale? 1- Yes 2- No								In which months during the last 12 months did you undertake at least 1 of these activities in D13 [..READ ACTIVITIES MARKED '1'..] 1- Yes 2- No											
Cut firewood	Coal production	Cut grass, cane, and palm tree leaves	Cut sticks	Hunting	Fishing	Mat-, basket-, and hat-making	Collect honey, bush fruits, and wild plants	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug

4. OTHER OWN ACTIVITY

D15										D16												
We would like to know whether any HH member undertook an off farm activity. During the last 12 months, did one of the HH members undertake: [..READ THE TYPE OF ACTIVITY..]? 1- Yes 2- No										In which months during the last 12 months did you undertake at least 1 of these activities in D15 [..READ ACTIVITIES MARKED '1'..] 1- Yes 2- No												
Purchase & sale of traditional drinks	Purchase & sale of food products	Purchase & sale of non-food products	Purchase & sale of Fish	Purchase & sale of animals and their by-products	Handicrafts/ carpentry/ masonry/	Dress maker	Radio, bicycle, and watch repair	Block/brick production [Blacksmith, bricklayer]	Mills or agro-processing activities	Others, specify	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug

5. FOOD SECURITY

D17					D18					D19	D20	D21												D22		
Did your HH purchase these products during the last 30 days?					Did you purchase these products during the lean season?					What's the HH's most important staple food?	Did you have reserves of this food from the 2001/2002 agricultural season?	In which months did you not have reserves from your own production?												What did your HH eat during the period without reserves?		
Maize	Rice	Cassa-va	Ground-nuts	Beans	Cooking Oil	Maize	Rice	Cassa-va	Ground-nuts	Beans	Cooking Oil	1-Maize 2-Rice 3-Sorghum 4-Millet 12-Cassava 13-Sweet pot.	1-Yes 2-Didn't grow this crop → D22 3-Had losses → D22 4-Low production	1- Had reserves 2- Had not reserves												1- Maize 2- Rice 3- Sorghum 4- Millet 12-Cassava 13-Sweet pot.
														Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	

E. Area of the *Machambas* (Parcels) & Pasture Land in the 2002/2003 Agricultural Season

E01. Does any HH member have any cultivated *machamba*, orchard or plantations in the 02/03 agricultural season? 1- Yes 2- No

→ E16

E02 Nº	E03 Location of the cultivated <i>machambas</i> or orchards/plantations	E04 How did you obtain this <i>machamba</i> /orchard?	E05 Which annual/cash crops or fruit trees occupied most of the <i>machamba</i> during 2002/03 1 st season?							E06 Which annual crops occupied most of the <i>machamba</i> during the 2 nd season?			
			1	2	3	4	5	6	7	1	2	3	4
1													
2													
3													
4													
5													
6													

HOW DID YOU OBTAIN THIS <i>MACHAMBA</i>	ANNUAL CROPS	FRUIT TREES
01 Given by the traditional authorities	01 Maize	24 Sugar cane
02 Given by the formal authorities	02 Rice	25 Sunflower
03 Given by parents	03 Sorghum	26 Sesame
04 Rented-in	04 Millet	27 Soybeans
05 Borrowed	05 Groundnuts	28 Paprika
06 Occupied	07 Common bean	29 Ginger
07 Purchased with land title	08 Cowpea	30 Beans
08 Purchased without land title	09 Bambara groundnut	31 Pumpkins
09 Inherited	10 Pigeonpea	32 Lettuce
10 Others	11 Irish potatoes	33 Garlic
	12 Cassava	34 Egg plant
	13 Sweet potatoes	35 Onions
	14 Green beans	36 Carrot
	15 Mung bean melon	37 Brussels
		38 Peas
		39 Watermelon
		40 Watermelon
		41 Cucumber
		42 Pepper
		43 Piri-piri
		44 Okra
		45 Cabbage
		46 Tomatoes
		47 Other, sp.
		48 Other, sp.
		49 Other, sp.
		50 Other, sp.
		51 Avocado
		52 Pineapple
		53 Jack-fruit
		54 Bananas
		55 Guava
		56 Orange
		57 Lemon
		58 Litchi
		59 Apple
		60 Chinese apple
		61 Mafurra
		62 Mangoes
		63 Papaya
		64 Pears
		65 Peach
		66 Tangerine
		67 Grape-fruit
		68 Grapes
		69 Granadila
		70 Other, sp.

E02 Nº	E07 <u>AREA OF THE <i>MACHAMBA</i>/ORCHARD</u> TOTAL area in hectares of the <i>machamba</i> including the area occupied by permanent crops and the area under fallow LENGTH X WIDTH IF GIVEN	E08 <u>DESCRIBE HOW DID YOU OBTAIN THIS AREA</u> 1 Declared in hectares by the respondent 2 Estimated by the respondent 3 Estimated by the enumerator visually	E09 <u>AREA</u> Total area in ha. occupied by annual crops in the 1st season HA	E10 <u>AREA</u> Total area in ha. under fallow in this <i>machamba</i> HA	E11 <u>FILL OUT ONE COLUMN ONLY</u> Total area in ha occupied by permanent crops HA		E12 Number of fruit trees	E13 Do you irrigate your fields? 1- Yes 2- No	E14 What kind of irrigation do you use? 1- Manual 2- Mechanized means (sprinkle, <i>gotejamento</i>) 3- Gravity	E15 Who is the HH member responsible for this <i>machamba</i> ? PLACE THE Nº IN SECTION B
1										
2										
3										
4										
5										
6										

H. Staple Food Crop Production and Sale: Pulses

1. PRODUCTION DURING THE 2002/2003 AGRICULTURAL SEASON

H00	H01	H02	H03	H04	H05	H06	H07A	H07B	H07C	H08A	H08B	H08C	H09	H10A	H10B	H10C
Crops		Did you grow this crop?	Did you purchase seeds?	Where did you purchase seeds?	How much have you spent in total?	Did you sow seeds in the 1 st season?	Total harvest			Harvest in another state			Did you sow seeds in the 2 nd season?	Total volume harvested and/or volume to be harvested		
		1 Yes 2 No → NEXT CROP	1- Yes 2- No → H06	1 Casa agrária 2 Shop 3 Market 4 Neighbours 9 Other, spec. _____	CONTOS (000Mts)	1 Yes 2 No → H09	Quantity	Unit	State	Quantity	Unit	State	1 Yes 2 No → H11 3 Has not harvested yet	Quantity	Unit	State
Common bean	7															
Green beans	14															
Cowpea	8															
Bambara groundnut	9															
Pigeonpea*	10															
Mung bean	15															
Other _____	—															

*The sowing of pigeonpea is done in the 1st season and its harvest in the 2nd season. Write the production already harvested in H07A-H07C, at the time of the interview, and the expected volume to be harvested in H10A-H10C.

UNIT OF MEASUREMENT			CURRENCY	
01- Kg	15- 50 Kg sack	21- 25L can	1- Contos (000 Mts)	5- Rand
11- 100Kg sack	16- 25 Kg sack	22- 20L can	2- Dollar (Zimbabwe)	6- Xelim (Tanzania)
12- 90 Kg sack	17- 12.5 Kg sack	23- 10L can	3- Kwacha (Malawi)	7- US Dollar
13- 70 Kg sack		24- 5L can	4- Kwacha (Zambia)	8- Other (specify)
14- 60 Kg sack		25- 1L can		

E. Area (continued)

E16. Besides the fallow areas in the *machambas* already discussed, does any HH member have machambas completely under fallow (machamba not cultivated for at least 1 agricultural season)? . . . 1 Yes 2 No

IF 'NO' GO TO E19

E01	E03	E04	E07	E15	E17	E18
Nº	Name or location	How did you obtain this <i>machamba</i> ?	AREA OF THE MACHAMBA Total area of the of this <i>machamba</i> Ha	Who is the HH member responsible for this <i>machamba</i> ? <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">PLACE THE NUMBER IN SECTION B</div>	For how many years has it been under fallow?	Why is this <i>machamba</i> under fallow? (give up to three reasons) 1- Lack of labor 2- Lack of capital 3- To allow the land to rest 4- Lack of market for production 5- Lack of rain 9- Other, specify. _____
21			____, _____			
22			____, _____			
23			____, _____			

How did you obtain this machamba	
01	Given by the traditional authorities
02	Given by the formal authorities
03	Given by parents
04	Rented-in
05	Borrowed
06	Occupied
07	Purchased with land title
08	Purchased without land title
09	Inherited
10	Others

E19. Did you or any HH member rent out *machambas* during this season?. . . 1 Yes 2 No

IF 'NO' GO TO E21

E02	E03	E04	E07	E20
Nº	Name or location	How did you obtain this machamba?	Total area of the this machamba Ha	How much did you receive from renting out the <i>machambas</i> during the last 12 months? CONTOS (000Mts)
31			____, _____	

E21. We would like to know whether you have crops or fruit trees in the *quintal**. 1 Yes 2 No

FILL OUT E04, E07, E12 IF "YES"; E04 AND E07 IF "NO"

E02	E04	E07	E12
Nº	How did you obtain this portion of land?	Total area of the <i>quintal</i> LENTGH X WIDTH IF GIVEN Ha	Number of fruit trees
41		____, _____	

**quintal* - area around the house that may be planted to crops

F. Measurement of *Machambas*

F01	F02	F03	F04	F05	F06	F10
No.	Where is the <i>machamba</i> located?	Number of sides 99 =GPS	Total Area of the <i>machamba</i> (Ha) — — — — — j — — — — —	Closing error as a % IF HIGHER THAN 2% THE MEASUREMENT MUST BE REPEATED	Perimeter (metres)	Enumerator ID

Preliminary sketch of the *machamba*.
 THE SKETCH MUST BE BASED ON DIRECT OBSERVATION OF THE *MACHAMBA* OR USE OF GPS.
 DRAW ALL THE TREES, BIG STONES OR ANY OTHER IMPORTANT DEMARCATION FOUND IN THE *MACHAMBA*.

The measurement of distances and angles

	Side	Distance	Angle	
1°	A - B			B - A
2°	B - C			C - B
3°	C - D			D - C
4°	D - E			E - D
5°	E - F			F - E
6°	F - G			G - F
7°	G - H			H - G
8°	H - I			I - H
9°	I - J			J - I
10°	J - K			K - J
11°	K - L			L - K
12°	L - M			M - L
13°	M - N			N - M
14°	N - O			O - N
15°	O - P			P - O
16°	P - Q			Q - P
17°	Q - R			R - Q

G. Staple Food Crop Production and Sale: Cereals and Groundnuts

1. PRODUCTION DURING THE 2002/2003 AGRICULTURAL SEASON

G00	G01	G02	G03	G04	G05	G06	G07A	G07B	G07C	G08A	G08B	G08C	G09	G10A	G10B	G10C
Crops		Did you grow this crop? 1 Yes 2 No → NEXT CROP	Did you buy seeds? 1- Yes 2- No → G06	Where did you buy seed? 1 Casa agrária 2 Shop 3 Market 4 Neighbours 9 Other, specify _____	How much did you spend in total? CONTOS (000Mts)	Did you sow seeds in the 1 st season? 1 Yes 2 No → G09	Total harvest			Harvest in another state			Did you sow seeds in the 2 nd season? 1 Yes 2 No → G11 3 Has not harvested yet	Total volume harvested and/or expected volume to be harvested		
							Quantity	Unit	State	Quantity	Unit	State		Quantity	Unit	State
Maize	1															
Rice	2															
Sorghum	3															
Millet	4															
Groundnuts	5															

UNIT OF MEASUREMENT			CURRENCY	
01- Kg	11- 100Kg sack	21- 25L can	1- Contos (000 Mts)	5- Rand
02- Unit	12- 90 Kg sack	22- 20L can	2- Dollar (Zimbabwe)	6- Xelim (Tanzania)
	13- 70 Kg sack	23- 10L can	3- Kwacha (Malawi)	7- US Dollar
	14- 60 Kg sack	24- 5L can	4- Kwacha (Zambia)	8- Other (specify)
	15- 50 Kg sack	25- 1L can		
	16- 25 Kg sack			
	17- 12.5 Kg sack			

G. Staple Food Crop Production and Sale: Cereals and Groundnuts, (continued)

2. SALES

G00	G01	G11	G12A	G12B	G12C	G13	G14A	G14B	G14C	G15	G16	G17	G18	G19A	G19B	G19C
Crop		Did you sell this crop? 1- Yes 2- No → G18	TOTAL volume already sold Quantity Unit State 1 Fresh 2 Cobs 3 Grain 4 With shells 5 Without shells 6 Flour			Did you sell all of it in one day? 1- Yes → G15 2- No	What was the largest quantity sold in one day? Quantity Unit State 1 Fresh 2 Cobs 3 Grain 4 With shells 5 Without shells 6 Flour			<div style="border: 1px solid black; padding: 2px; text-align: center;"> FILL OUT ONE COLUMN ONLY </div> Price per unit Total value received for this quantity <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px; text-align: center;"> PRICE OF THE UNIT IN G14B IF FILLED, OTHERWISE G12B. </div> <div style="border: 1px solid black; padding: 2px; text-align: center;"> QUANTITY IN G14A IF FILLED, OTHERWISE G12A. </div> </div>		Currency	Do you expect to sell more of this crop? 1- Yes 2- No → G20A	Quantity expected to be sold? Quantity Unit State 1 Fresh 2 Cobs 3 Grain 4 With shells 5 Without shells 6 Flour		
Maize	1															
Rice	2															
Sorghum	3															
Millet	4															
Groundnuts	5															

3. OTHER USES

G00	G01	G20A	G20B	G20C	G21A	G21B	G21C	G22	G23	UNIT OF MEASUREMENT	CURRENCY	
Crops		Quantity offered to others Quantity Unit State 1 Fresh 2 Cobs 3 Grain 4 With shells 5 Without shells 6 Flour <div style="border: 1px solid black; padding: 2px; text-align: center;">IF '0' GO TO G21A</div>			Quantity reserved as seed Quantity Unit State 1 Fresh 2 Cobs 3 Grain 4 With shells 5 Without shells 6 Flour <div style="border: 1px solid black; padding: 2px; text-align: center;">IF '0' GO TO G22</div>			Were there significant harvest losses? 1- Yes 2- No → Sec H	Main reason for losses 1 Lack of rain 2 Excess of rain 3 Floods 4 Disease 5 Animals 6 Uncontrolled fires 7 Putrefaction 8 Pests 9 Others <div style="border: 1px solid black; padding: 2px; text-align: center;">GO TO THE NEXT CROP</div>		01 Kg 02 UniT 11 100kg sack 12 90kg sack 13 70kg sack 14 60kg sack 15 50kg sack 16 25kg sack 17 12.5kg sack 21 25L can 22 20L can 23 10L can 24 5L can 25 1L can	1 Contos (000 Mts) 2 Dollar (Zimbabwe) 3 Kwacha (Malawi) 4 Kwacha (Zambia) 5 Rand 6 Xelim (Tanzania) 7 US Dollar 8 Other (specify)
Maize	1											
Rice	2											
Sorghum	3											
Millet	4											
Groundnuts	5											

H. Staple Food Crop Production and Sale: Pulses (continued)

2. SALES

H00	H01	H11	H12A	H12B	H12C	H13	H14A	H14B	H14C	H15	H16	H17	H18	H19A	H19B	H19C
Crops		Did you sell this crop? 1- Yes 2- No → H18	TOTAL volume already sold Quantity : Unit : State 1 Fresh 3 Grain 4 With shells 5 Without shells 7 Dried pods			Did you sell all of it in one day? 1- Yes → H15 2- No	What was the largest quantity sold in one day? Quantity : Unit : State 1 Fresh 3 Grain 4 With shells 5 Without shells 7 Dried pods			Price per PRICE OF THE UNIT IN H14B IF FILLED, OTHERWISE H12B.	FILL OUT ONE COLUMN ONLY Total value received for this quantity QUANTITY IN H14A IF FILLED, OTHERWISE H12A.	Currency	Do you expect to sell more of this crop? 1- Yes 2- No → H20A	Quantity expected to be sold? Quantity : Unit : State 1 Fresh 3 Grain 4 With shells 5 Without shells 7 Dried pods		
Common bean	7															
Green beans	14															
Cowpea	8															
Bambara groundnut	9															
Pigeonpea	10															
Mung bean	15															
Others _____																

3. OTHER USES

H00	H01	H20A	H20B	H20C	H21A	H21B	H21C	H22	H23	UNIT OF MEASUREMENT	CURRENCY
Crops		Quantity offered to others Quantity : Unit : State 1 Fresh 3 Grain 4 With shells 5 Without shells 7 Dried pods IF '0' GO TO H21A			Quantity reserved as seed Quantity : Unit : State 1 Fresh 3 Grain 4 With shells 5 Without shells 7 Dried pods IF '0' GO TO H22			Were there significant harvest losses? 1- Yes 2- No → Sec I	Main reason for losses 1 Lack of rain 2 Excess of rain 3 Floods 4 Disease 5 Animals 6 Uncontrolled fires 7 Putrefaction 8 Pests 9 Others GO TO THE NEXT CROP	01 Kg 02 UniT 11 100kg sack 12 90kg sack 13 70kg sack 14 60kg sack 15 50kg sack 16 25kg sack 17 12.5kg sack 21 25L can 22 20L can 23 10L can 24 5L can 25 1L can	1 Contos (000 Mts) 2 Dollar (Zimbabwe) 3 Kwacha (Malawi) 4 Kwacha (Zambia) 5 Rand 6 Xelim (Tanzania) 7 US Dollar 8 Other (specify)
Common bean	7										
Green beans	14										
Black eyed pea	8										
Earth pea	9										
Pigeonpeas	10										
Mung bean	15										
Others _____											

I. Cassava and Sweet potatoes Production and Sale

I00	I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
Crops	Cod	Did you grow [.crop.] during 02/03 season?	Did you buy propagation material this season?	How much did you spend in total?	Did you grow [.crop.] during 01/02 season? 1- Yes 2- No IF I02 & I05=NO GO TO THE NEXT CROP	We would like to know in which months during the last 12 months did your HH harvest large (major) quantities of [.crop.], in which months you harvest- ed small (minor) quantities of [.crop.] for consumption or sale. IN CASE OF CASSAVA, EMPHASIZE THAT THE HARVEST CAN BE FROM ANY AGRICULTURAL SEASON 2- Month of MAJOR harvest 1- Month of MINOR harvest 0- Month WITHOUT harvest	During the months of the major harvest [READ MONTHS] how many times in a day, in a week or in a month did you harvest? Frequency 1-Daily 2-Week 3-Month	How much did you get each of the times that you harvested? Quantity Unit State 1- Fresh 8- Dry 9-Tapioca	During the months of the poor harvest [READ MONTHS] how many times a day, week or month have you harvested? Frequency 1-Daily 2-Week 3-Month	How much did you get each of the times that you harvested? Quantity Unit State 1- Fresh 8- Dry 9-Tapioca
		1- Yes 2- No → I05	1- Yes 2- No → I05	CONTOS		Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug				
Cassava	12									
Sweet pot.	13									

I00	I01	I11	I12	I13
Crops	Cod	Aside from the harvest of large quantities, did you harvest more cassava for dairy or immediate consumption? 1- Yes 2- No → I14	How many times a day, a week or a month did you harvest cassava for dairy or immediate consumption? Frequency 1-Daily 2-Weekly 3-Monthly	How much did you get each of the times that you harvested cassava for dairy/immediate consumption? Quantity Unit State 1- Fresh 8- Dry 9-Tapioca
Cassava	12			
Sweet pot.	13			

UNIT OF MEASUREMENT		CURRENCY	
01- Kg	11- 100Kg sack	21- 25L can	1- Contos (000 Mts)
02- Unit	12- 90 Kg sack	22- 20L can	2- Dollar (Zimbabwe)
	13- 70 Kg sack	23- 10L can	3- Kwacha (Malawi)
	14- 60 Kg sack	24- 5L can	4- Kwacha (Zambia)
	15- 50 Kg sack	25- 1L can	5- Rand
	16- 25 Kg sack		6- Xelim (Tanzania)
	17- 12.5 Kg sack		7- US Dollar
			8- Other (specify)

I. Production and Sale of Cassava and Sweet Potatoes, (continued)

I00	I14	I15A	I15B	I15C	I16	I17A	I17B	I17C	I18	I19	I20	I21	I22A	I22B	I22C	I23A	I23B	I23C
Crops	Cod Did you sell [...crop...]? 1- Yes 2- No → I21	TOTAL volume already sold Quantity Unit State 1 Fresh 6 Flour 8 Dried 9 Tapioca			Did you sell all of it in one day? 1- Yes 2- No → I18	What was the largest quantity sold in one day? Quantity Unit State 1 Fresh 6 Flour 8 Dried 9 Tapioca			Price per unit PRICE OF THE UNIT IN I17B IF FILLED, OTHERWISE I15B.	FILL OUT ONE COLUMN ONLY Total value received for the quantity sold QUANTITY IN I17A IF FILLED, OTHERWISE I15A.	Currency	Do you expect to sell more of this crop? 1 Yes 2 No → I23A	Quantity expected to be sold Quantity Unit State 1 Fresh 6 Flour 8 Dried 9 Tapioca			Quantity offered to others Quantity Unit State 1 Fresh 6 Flour 8 Dried 9 Tapioca		
Cassava	12																	
Sweet pot.	13																	

UNIT OF MEASUREMENT			CURRENCY	
01- Kg	11- 100Kg sack	21- 25L can	1- Contos (000 Mts)	5- Rand
02- Unit	12- 90 Kg sack	22- 20L can	2- Dollar (Zimbabwe)	6- Xelim (Tanzania)
	13- 70 Kg sack	23- 10L can	3- Kwacha (Malawi)	7- US Dollar
	14- 60 Kg sack	24- 5L can	4- Kwacha (Zambia)	8- Other (specify)
	15- 50 Kg sack	25- 1L can		
	16- 25 Kg sack			
	17- 12.5 Kg sack			

J. Cash crops

J00	J01	J02	J03A	J03B	J04	J05A	J05B	J06	J07A	J07B	J08	J09	J10	J11	J12A	J12B	J13
Crops		Did you grow this crop? 1-Yes 2-No → NEXT CROP	TOTAL harvest		Did you sell this crop? 1-Yes 2-No → J11	TOTAL volume already sold		Did you sell all of it in one day? 1-Yes → J08 2-No	What was the largest quantity sold in one day?		FILL OUT ONE COLUMN ONLY		Currency	Do you expect to sell more of this crop? 1 Yes 2 No → NEXT CROP	What's the quantity expected to be sold?		Total value of the quantity to be sold till the end of October
			Quantity	Unit		Quantity	Unit		Quantity	Unit	Price per unit	Total value received for this quantity			Quantity	Unit	
											PRICE FROM THE UNIT IN J07B IF FILLED, OTHERWISE J05B	QUANTITY FROM J07A IF FILLED, OTHERWISE J05A.					
Cotton	20																
Tobacco	21																
Tea	23																
Sunflower	25																
Sesame	26																
Sisal	22																
Soybeans	27																
Paprika	28																
Ginger	29																
Sugar cane	24																

UNIT OF MEASUREMENT

01- Kg	11- 100Kg sack	21- 25L can	26- Bale
02- Unit	12- 90 Kg sack	22- 20L can	27- Rings (tobacco)
	13- 70 Kg sack	23- 10L can	35- Small amounts
	14- 60 Kg sack	24- 5L can	
	15- 50 Kg sack	25- 1L can	
	16- 25 Kg sack		
	17- 12.5 Kg sack		

CURRENCY

1- Contos (000 Mts)	5- Rand
2- Dollar (Zimbabwe)	6- Xelim (Tanzania)
3- Kwacha (Malawi)	7- US Dollar
4- Kwacha (Zambia)	8- Other (specify)

K. Vegetables and other annual crops

K00	K01	K02	K03
Crops		Did you grow this crop? 1- Yes 2- No → NEXT CROP	Did you sell? 1- Yes 2- No
Irish potatoes	011		
Pumpkins	311		
Onions	351		
Brussels	371		
Water melon	401		
Cucumber	411		
Okra	441		
Tomatoes	461		
Other _____	_____		
Other _____	_____		
Other _____	_____		

VEGETABLES

114- Yam	361- Carrot	490- Other, specify
	381- Peas	
321- Lettuce	421- Pepper	
331- Garlic	430- Piripiri	
341- Egg plant	451- Cabbage	

L. Fruit trees

L00	L01	L02	L03	L04
Crops		Do you have this fruit tree? 1- Yes 2- No → NEXT CROP	Did you harvest these fruits? 1- Yes 2- No → NEXT CROP	Did you sell? 1- Yes 2- No
Avocado	511			
Pineapple	521			
Bananas	540			
Guava	551			
Orange	561			
Lemon	571			
Mafurra	611			
Mangoes	621			
Papaya	631			
Tangerine	661			
Other _____	_____			

OTHER FRUIT TREES

531- Jack fruit	601- Chinese apple	681- Grapes
581- Litchi	641- Pears	691- Granadila
591- Apple	651- Peach	700 Other, specify
	671- Grape-fruit	

M. Cashew and Coconut trees: Production and Sale in the Last 12 months

M0A	M01	M02	M03	M04	M05	M06	M07	M08	M09
Crops		Does the farm have [...]? 1- Yes 2- No → NEXT CROP	How many [...]?	Number of [...] in production, scattered or in plantations	Did you receive or purchase small plants of [...] during the last 12 months? 1- Yes, received 2- Yes, purchased 3- Yes, both 4- Didn't receive or purchase	How many [...] did you plant during the last 12 months?	Were the [...] affected by any disease that caused the reduction of production during the last 12 months? 1- Yes 2- No	Did you spray your cashew trees against the oidium? 1- Yes 2- No	Were the [...] affected by uncontrolled fires during the last 12 months? 1- Yes 2- No
Cashew tree	18								
Coconut tree	19								

M0B	M01	M10	M11A	M11B	M12	M13A	M13B	M14	M15A	M15B	M16	M17	M18	M19	M20A	M20B
Crops		Did you collect/ produce [...] during the last season? 1- Yes 2- No → NEXT PRODUCT	Quantity collected/ produced Quantity	Unit Unit	Did you sell this product? 1- Yes 2- No → M19	TOTAL volume already sold Quantity	Unit Unit	Did you sell all of it in one day? 1- Yes → M16 2- No	What was the largest quantity sold in one day? Quantity	Unit Unit	FILL OUT ONE COLUMN ONLY Price per unit PRICE OF THE UNIT IN M15B IF FILLED, OTHERWISE M13B.	Total value received for this quantity QUANTITY IN M15A IF FILLED, OTHERWISE M13A.	Currency	Do you expect to sell more of this product? 1- Yes 2- No → NEXT PRODUCT	Quantity expected to be sold Quantity	Unit Unit
Cashewnut	181															
Mature Coconut	192															
Young coconut	191															
Copra	193															

UNIT OF MEASUREMENT

01- Kg	11- 100Kg sack	21- 25L can	41-500ml
02- Unit	12- 90 Kg sack	22- 20L can	42-750ml
	13- 70 Kg sack	23- 10L can	
	14- 60 Kg sack	24- 5L can	
	15- 50 Kg sack	25- 1L can	
	16- 25 Kg sack		
	17- 12.5 Kg sack		

CURRENCY

1- Contos (000 Mts)	5- Rand
2- Dollar (Zimbabwe)	6- Xelim (Tanzania)
3- Kwacha (Malawi)	7- US Dollar
4- Kwacha (Zambia)	8- Other (specify)

N. Labor

1. FULL-TIME LABOR

N01. Did you employ full-time workers for agricultural activities?

1- Yes 2- No → **N07**

We would like to get detailed information on the number of employees and their wages.

	N02	N03	N04	N05
Main Activity	Cod	How many did you employ? IF NO ONE WAS EMPLOYED, GO TO THE NEXT ACTIVITY		How much did you pay them (cash or in kind) for this activity? CONTOS (000 Mts)
		Men	Women	
Crop production	1			
Livestock	2			
Crop production & livestock	3			

2. TEMPORARY LABOR

N07. Did you employ temporary workers for agricultural activities?

1- Yes 2- No → **N14**

We would like to get detailed information on the number of employees and their activities.

	N08	N09	N10	N11	N12	N13
Activities	Cod	Did you employ temporary workers for [...activity...]? 1- Yes 2- No → NEXT ACTIVITY	How many did you employ? Men	Women	How much did you pay them for this activity during the agricultural season? CONTOS (000 Mts)	Where most of the work paid by task or daily wage? 1- Daily wage 2- Task 3- Both
Ploughing/land clearing	1					
Sowing/transplanting	2					
Weeding	3					
Harvesting	4					
Taking care of the animals	5					
Other: _____	6					

N. Labor (continued)

We would like to know about the availability of family labor during the last season because the agricultural capacity depends on available manpower. First of all, we would like to talk about any reduction on family labor. Then we will talk about illness that can reduce agricultural capacity.

3. PEOPLE WHO LEFT

N14. Was there any HH member who left this house for any reason, including someone who died during the last 12 months?

1- Yes 2- No →

N21

N15	N16	N17	N18	N19	N20
Serial nº	Name	Age when member left or died	Sex 1- Male 2- Female	Why did (s)he leave? 1- Marriage 2- Disease 3- Death 4- Found a job 5- To find a job 6- To study 7- Divorce/ Separation 8- Followed his(her) father/mo 9- To live independently 10- Other, specify _____	IF DECEASED The cause of death 1- Accident 2- Delivering a child 3- Long illness (at least 3 months) 4- Illness (less than 3 months) 5- Other, specify _____
1					
2					
3					
4					
5					

4. DISEASE

N21. Was there any HH member who was gravely ill during the last 12 months?

1- Yes 2- No → **Section O**

N22	N23	N24
No PLACE THE N° IN SECTION B	Name	For how long (months) during the last 12 months was this person gravely ill and unable to work?

O. Inputs use, Animal Traction and Other factors of Production

1. INPUTS

001. Did you use chemical fertilizers during the 2002/2003 agricultural season? 1-Yes 2-No

002. ... pesticides?

003. ... organic fertilizer?

FILL OUT THE TABLE IF THE ANSWER TO 001 OR 002 IS '1'

O04	O05	O06	O07	O08	O09	O10	O11	O12	
Type of input	Types actually used	How did you get access to [..input...]?	Where did you get it from?	Who sold/ gave it to you?	Quantity received or purchased	FILL OUT ONE COLUMN ONLY		Currency	To which crops did you apply this product?
1-Chemical fertilizer 2-Pesticide		1- Purchase 2- Credit 3- Received as a donation	1- District center 2- Elsewhere in the district 3- Village 4- Provincial capital 5- Elsewhere in the province 6- Other province 7- Neighboring country 8- Does not know	1- Neighbour 2- Shop 3- Itinerant vendor 4- Association/cooperative 5- Clients in the market 6- Company/wholesaler 7- Vendor outside the country 8- NGO 10- Fert/Pest/Inputs companies 11- Other (specify)	Quantity Unit	Price per unit Total		WRITE THE CROP CODE.	
1									
1									
1									
2									
2									
2									
2									

O05-FERTILIZERS / PESTICIDES <u>CHEMICAL FERTILIZERS</u> 11- NPK 15-30-15 12- NPK 12-24-12 13- NPK (don't specify) 14- Urea 15- Compound 19- Other (specify)	<u>PESTICIDES</u> 21- Fungicide 22- Rat poison 23- Acaricide 24- Herbicide 25- Insecticide 29- Other	O09- UNIT OF MEASUREMENT 01- Kg 11- 100Kg sack 12- 90 Kg sack 13- 70 Kg sack 14- 60 Kg sack 15- 50 Kg sack 16- 25 kg sack 17- 12.5 kg sack 21- 25L can 22- 20L can 23- 10L can 24- 5L can 25- 1L can	O11- CURRENCY 1- Contos (000 Mts) 2- Dollar (Zimbabwe) 3- Kwacha (Malawi) 4- Kwacha (Zambia) 5- Rand 6- Xelim (Tanzania) 7- US Dollar 8- Other (specify)	O12- CROPS <u>ANNUAL CROPS</u> 01- Maize 02- Rice 03- Sorghum 04- Millet 05- Peanut 07- Beans 08- Black eyed pea 09- Earth pea 10- Pigeon pea 11- Irish potatoes 12- Cassava 13- Sweet potatoes 14- Green beans 15- Mung bean <u>CASH CROPS</u> 20- Cotton 21- Tobacco 22- Sisal 23- Tea 24- Sugar cane 25- Sunflower 26- Sesame 27- Soybeans 28- Paprika 29- Ginger <u>VEGETABLES</u> 140- Inhame 311- Pumpkins 321- Lettuce 331- Garlic 341- Egg plant 351- Onions 361- Carrot 371- Brussels 381- Peas 401- Water Melon 411- Cucumber 421- Pepper 430- Piripiri 441- Okra 451- Cabbage 461- Tomatoes 490- Others, specify.
--	--	--	---	---

O. Input use, Animal Traction and Other factors of Production (continued)

2. ANIMAL TRACTION

O15A. Did you use animal traction during the 02/03 season? 1-Yes 2-No → O21A

O15B. Total area cultivated by animal traction? ,

O15C. How did you feed your animals?
1-Hay 2-Natural pastures 3-Other supplements 4-A mixture

O0A	O16	O17	O18	O19	O20
Inputs		Did you use this input? 1- Yes 2- No → Next input	How many did you use? Own inputs +borrowed +rented	Did you use your own inputs or did you rent? 1- Own inputs 2- Borrowed 3- Rented } Next Input	Total value if rented* CONTOS
Oxen	1				
Donkeys	2				
Plough*	3				
Oxcart*	4				

*** IF THE OXEN/ DONKEYS COME TOGETHER WITH THE PLOUGH/ OXCART, REGISTER THE TOTAL VALUE FROM RENTING THE ANIMALS**

3. INPUTS RENTING FOR ANIMAL TRACTION

O21A. Did you rent out animals for animal traction? 1-Yes 2-No → O22A

O21B. Total value received from renting out the animals , CTS

O22A. Did you rent ploughs or oxcart? 1-Yes 2-No → Sec 04

O22B. Total value received from renting out the ploughs , CTS

4. THE USE OF MANUAL INPUTS

O0A	O16	O17	O18	O19	O20
Inputs		Did you use this input? 1- Yes 2- No → Next input	How many did you use? Own inputs +borrowed +rented	Did you use your own inputs or rented? 1- Own inputs 2- Borrowed 3- Rented } Next Input	Total value if rented CONTOS
Hoe	22				
Sickle	23				
Cutlass	24				
Axe	25				

5. THE USE OF MECHANIZED EQUIPMENT/ TRANSPORT INPUTS

O23. Did you use mechanized equipment/ transport input during the 02/03 agricultural season? 1-Yes 2-No → O24

O0A	O16	O17	O18	O19	O20
Inputs		Did you use this input? 1- Yes 2- No → Next input	How many did you use? Own inputs +borrowed +rented	Did you use your own inputs or did you rent? 1- Own inputs 2- Borrowed 3- Rented } Next Input	Total value if rented CONTOS
Tractors	10				
Plough	11				
Trailer	12				
Bicycle	13				
Trucks	14				
Motorbike	15				
Diesel pumps	16				
Electric pumps	17				

6. THE USE OF AGRO-PROCESSING INPUTS

O24. Did you use agro-processing inputs during the 02/03 agricultural season? 1-Yes 2-No → SEC P

O0A	O16	O17	O18	O19	O20
Inputs		Did you use this input? 1- Yes 2- No → Next input	How many did you use? Own inputs +borrowed +rented	Did you use your own inputs or did you rent? 1- Own inputs 2- Borrowed 3- Rented } Next Input	Total value if rented CONTOS
Mills	18				
Thresher	19				
Oil press	20				
Other input, sp.	21				

P. Animal Production during the last 12 Months

1. NUMBER OF ANIMALS

P0A	P00	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14
Animals	Cod	Did your HH breed [animal] during the last 12 months? 1- Yes 2- No → NEXT ANIMAL	How many do you have at present? (including small animals)	How many did you purchase in the last 12 months? IF '0' GO TO P05	Total value of purchase	How many did you receive from the livestock promotion program in the last 12 months? CONTOS	How many did you receive as gifts in the last 12 months?	How many did you give as gifts in the last 12 months?	How many did you sell alive in the last 12 months? IF '0' GO TO P10	Total value of sale	How many did you sell as meat in the last 12 months? IF '0' GO TO P12	Total value of sale CONTOS	How many did you consume in the last 12 months?	How many did you lose from diseases in the last 12 months?	How many did you lose (theft, accident or from poisoning (snakes) in the last 12 months?
Cattle	81														
Goats	82														
Sheep	83														
Pigs	84														
Donkey	85														
Chicken	91														
Rabbit	92														
Duck	93														
Goose	94														
Turkey	95														

2. LIVESTOCK SERVICES IN THE LAST 12 MONTHS

A. FILL OUT P15-P26 IF THE HH BREED/BRED CATTLE

P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	P26
Did you have the cattle vaccinated?	Did you pay for the service?	Did you get treatment to the cattle?	Did you pay for the service?	Did you bath your animals against ticks?	Did you pay for the service?	Did you use the slaughter house services?	Did you pay for the service?	Did you use any other place to slaughter cattle?	Did you pay for the service?	Did you use any other veterinary services?	Did you pay for the service?
1-Yes 2-No →	1-Yes 2-No	1-Yes 2-No →	1-Yes 2-No	1-Yes 2-No →	1-Yes 2-No	1-Yes 2-No →	1-Yes 2-No	1-Yes 2-No →	1-Yes 2-No	1-Yes 2-No →	1-Yes 2-No
P17		P19		P21		P23		P25		P27	

B. FILL OUT P27-P28 IF THE HH BREED/BRED CHICKENS

P27	P28
Did you have the chickens vaccinated?	Did you pay for the service?
1-Yes 2-No →	1-Yes 2-No
Section Q	

Q. Livestock By-Products

Q0A	Q00	Q01	Q02	Q03	Q04	Q05	Q06																				
Product		Did you produce [...name...] during the last 12 months? 1- Yes 2- No → NEXT PRODUCT	Quantity produced during the last 12 months <table border="1"> <thead> <tr> <th>Quantity produced</th> <th>Unit</th> <th>How many times</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td></td> <td>1- Litre</td> <td></td> <td>1- Daily</td> </tr> <tr> <td></td> <td>2- Unit</td> <td></td> <td>2- Weekly</td> </tr> <tr> <td></td> <td>3- Dozen</td> <td></td> <td>3- Monthly</td> </tr> <tr> <td></td> <td></td> <td></td> <td>4- Annualy</td> </tr> </tbody> </table>				Quantity produced	Unit	How many times	Frequency		1- Litre		1- Daily		2- Unit		2- Weekly		3- Dozen		3- Monthly				4- Annualy	Did you sell [...name...] during the last 12 months? 1- Yes 2- No → NEXT PRODUCT
Quantity produced	Unit	How many times	Frequency																								
	1- Litre		1- Daily																								
	2- Unit		2- Weekly																								
	3- Dozen		3- Monthly																								
			4- Annualy																								
Milk	601																										
Eggs	602																										
Cow hide	603																										
Other hide _____	999																										

THE END