

**TANZANIA VULNERABILITY SURVEY 2005**  
**Research on Poverty Allevation, FAO and World Bank**  
**SET 1: PRICE CONTRACT: 10/20/50**  
**WTP RAINFALL CONTRACT: 2000/4000/7500/1000/3000/5000**  
**Ruvuma Household Questionnaire Round 2 (February 2005)**  
**(To be answered by household head or most knowledgeable household member)**

**Date of interview:** \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ year

	Region	District	Ward	Village	Name of household head	Name of respondent if different from household head
Name						
Code						

<b>Region Code</b>	<b>Village code</b>			
1=Kilimanjaro	1=Mlete	12=Wenje	23=Kingerikiti	34=Mlilayoyo
2= Ruvuma	2=Muhukuru_Barabarani	13=Mchoteka	24=Kibandai 'A'	35=Naikesi
	3=Morogoro	14=Mbesa	25=Mango	36=Likuyu/Sekamanga
	4=Madaba	15=Kitanda	26=Langiro Asili	
<b>District Code</b>	5=Sisi kwa sisi	16=Nampungu	27=Mahenge	
1=Songea rural	6=Namiungo	17=Namakungwa	28=Tukuzi	
2=Tunduru	7=Namakambale	18=Litorongi	29=Ulolela	
3=Mbingao	8=Tuwemacho	19=Lipumba	30=Kipololo	
4=Nambumbo	9=Chiungo	20=Mkwaya	31=Mpepai	
5=Songea urban	10=Angalia	21=Ndondo	32=Kitura	
	11=Mchesi	22=Chiulu/Chiula	33=Ligera	

**Note:** To identify the household name use the name of the respondent (household head or most knowledgeable person in the household), and for the household code use the corresponding code from the household list.

	Name	Code/id number
Respondent		
Is respondent different from last time? (1=yes, 2=no). _____		
If yes, then who was the respondent last time? Use code from household roster (99 if respondent does not remember)		
Enumerator		
Supervisor		
Data enterer		

**Note to Enumerator – please use following codes throughout the questionnaire**

- **99 if the respondent does not know, does not remember or refuses to answer (in other words answer is not necessarily zero)**
- **88=Not Applicable (question irrelevant for the respondent)**
- **In all other cases blanks or empty spaces will be interpreted as zeros**

**LOCAL UNIT CONVERSION CHART**

Whenever during the interview the respondent refers to local units (bags, tins, debe, pishi, etc., make sure to return to this page and record or estimate in kilograms the weight, or in liters the content of the local units used by this particular respondent for this particular product. Remember **1Ha=2.47 acres**

Product	Local unit	Weight in kgs	Content in liters

**A. Household roster –demographic characteristics, education and health**

Please enumerate all household members of the household, i.e. members who usually live and eat in the household, including those who were members of the household last year. Please start with the household head, his/her spouse, other adults and then children (ranked from oldest to youngest). First list all the persons who are household members now, and then add those who were members last year but have left at the bottom.

(A1) ID	(A2) Name	(A3) Gender 1=Male 2=Female	(A4) Enter Age (yrs) at last birthday.	(A5) Relationship to head of the household 1=Head 2=Spouse 3=Child of both parents 4=child of head only 5=child of spouse only 6=grandchild 7= Niece, nephew 8=Parent or parent in law 9= brother/sister or brother/sister in law 10=daughter or son in law 11=adopted child 12=Other	(A6) Marital status (if ≥ 15 years old) 1=unmarried 2=married 3=separated/divorced 4=widowed 5=other 88=N/A	(A7) Highest grade completed 0=pre-school 1=Standard 1 2=Standard 2 ... 8=Standard 8 9=course after primary educ. 10=Form I 11=Form II 12=Form III 13=Form IV 14=course after second. educ. 15=Form V 16=Form VI 17=Course after Form VI 18=Diploma course 19=Other certificate 20=Some but not finished university 21=Completed University Degree 22=Adult education only 23=No education	(A8) Was [NAME] a member of the household 1 year ago (1=yes, 2=no)	(A9) Is [NAME] still a member of the household (1=yes, 2=no)  If A9= 1 go to A11, if A9=2, go to A10	(A10) If [NAME] is no longer a member of the household, what has happened 1=died 2=married and moved within the village 3=married and left the village 4=moved to live on his own in the village or with another family 5=left the village to live on his/her own or with another family 6=other (explain)_____	(A11) For how many months has [NAME] been absent during the past year? (Zero if less than 1 month)	(A12) If absent, what was the main reason for his absence? 1=looking for work; 2=business 3=medical treatment 4=education 5=social event 6=started own household 7=others	(A13) Did [NAME] fall sick or get injured during the past 4 weeks? 1=yes 2=no (if A13=2 go to A15)	(A14) If yes, what sort of illness/injury did [NAME] suffer from? 1.Malaria 2. Respiratory 3.Measles 4.Diarrhoea 5.Cholera 6.TB 7.AIDS 8.Pregnancy related 9.Malnutrition 10.Accident 11.Intestinal infections 12.Skin infections 13.Mental illness 14. Others	(A15) Does [NAME] usually sleep under a mosquito net? 1=yes 2=no
1														
2														
3														
...														
12														

## B. ACTIVITIES OF HOUSEHOLD MEMBERS AGED 5 YEARS OR ABOVE

ID (from A1)	Household member Name [repeat all names from Section A except children 5 or below] be sure that ID numbers correspond with those in section A.	Main activity (time spent)  In the past year (since last survey) or during the time he/she was a member of this household if not member for the whole year, [NAME] spent most of his/her time as (see code below)?	If codes 1-5 in col (B3)		Last year, [NAME's] spent second most of his/her time while a member of the household as? Activity code	If codes 1-5 in col (B6)		If none of the two main activities mentioned in the previous two questions involved work on own farm, then how many months last year did {NAME} spend on the family farm last year (Answer only if main or secondary activity is NOT self employment in agriculture or livestock)	Did household member have any other jobs last year? 1=yes 2=no	If yes, state the number of jobs	Is household member 1= village chairman, 2=Kitongoji chair 3=10 cell leader 4=member of village council 5=village execution officer 6=relative to one of the above 7=none of the above
			What is sector of employe nt? (see code below)	How many months were spent in the past year (since the last survey) doing this activity? (Use months if needed)		What is sector of employ ment?	How many months were spent <b>last year</b> ( <b>since the last survey</b> ) doing this activity? (Use fraction of months if needed)				
(B1)	(B2)	(B3)	(B4)	(B5)	(B6)	(B7)	(B8)	(B9)	(B10)	(B11)	(B12)

*Activity code*

- 1=regular wage earner in private sector
- 2=regular wage earner in public sector
- 3=irregular wage earner
- 4=self employed
- 5=unpaid family worker
- 6=student
- 7=looking for work
- 8=not working and not looking for work
- 9=household work
- 10=retired, pensioner

- 11=too old, too young
- 12=disabled
- 13=other

**Sector of employment**

*Primary sector*

- 1=agriculture
- 2=fishing
- 3=livestock
- 4=mining and quarrying

5=other primary

*Industrial sector*

- 6=manufacturing/production/crafts
- 7=construction
- 8=other industry

*Service sector and government*

- 9=wholesale/retail/shop
- 10=restaurant/food preparation
- 11=repair work
- 12=transport, storage and communication
- 13=banking, finance, real estate and business
- 14=public service, army, education, health
- 15=other service and government

**C. CASH INCOME**

What were the main sources of the total **cash** income of all household members over the past year (since the last survey)? Please indicate the five most important sources (1=most important, 2=second most important, .....Up to 5<sup>th</sup> most important). Note to enumerators: please read each response.

Sources of income	Degree of Importance	Sources of income	Degree of Importance
C1 cash income from sale of food crops		C10 cash income from own non-agricultural enterprise	
C2 cash income from sale of coffee		C11 cash from pensions	
C3 cash income from sale of other cash crops		C12 cash from land rents	
C4 cash income from sale of vegetables		C13 cash from dividends, interest on bank deposits etc.	
C5 cash income from sale of livestock		C14 cash income from state and NGO assistance	
C6 cash income from sale of livestock products (milk, eggs, meat.....)		C15 cash gifts from friends, neighbours & relatives,	
C7 cash income from regular wage jobs		C16 cash from remittances from household members living elsewhere	
C8 cash income from irregular agricultural wage jobs		C.17 Other cash (explain).....	
C9 cash income from irregular non-agricultural wage jobs			

C18. What share of the total **cash** income of the household (i.e. of all household members) last year was obtained?  
(Code 88=0%, 1=1-25%, 2=26-50%, 3=51-75%, 4≥75%)

- A. From regular wages \_\_\_\_\_
- B. From all irregular wages \_\_\_\_\_
- C. From pensions \_\_\_\_\_
- D. From remittances \_\_\_\_\_



**E. TOTAL and FOOD CONSUMPTION EXPENDITURES**

E1. Is your current household income adequate to meet your needs? \_\_\_\_\_ 1= not enough even for food; 2=enough for food but nothing left for other necessities; 3=enough for food and necessities, but not much left for other expenses; 4=enough to meet most of our needs) Note to enumerators – read the different possible answers.

For the questions below ask the respondent to fill in the answers for **all** the following periods

	A. one day	B. one week	C. one month
E2. What is the total amount in cash your household spent for <b>all</b> expenditures in the last (000 Tsh):			
E3. What is the amount in cash your household spent for food in the last (000 Tsh):			

E4. What is the <b>average</b> cash amount spent <b>per month</b> for all <b>consumption</b> expenditures <b>during last year?</b> (000 Tsh)	
E5. What is the <b>average</b> cash amount spent <b>per month</b> for all <b>food</b> expenditures <b>during last year?</b> (000 Tsh)	

How do you judge the stability of your total household... ...	1=very unstable 2=somewhat unstable 3=stable	How do you judge the stability of your total household ...	1=very unstable 2=somewhat unstable 3=stable
E6. <b>total cash</b> expenditures from year to year?		E8. cash <b>non-food</b> expenditures from year to year?	
E7. household <b>non-cash</b> consumption from year to year?		E9. cash <b>food</b> expenditures from year to year?	

Was your household income adequate to meet your needs ... year(s) ago?	(1= not enough even for food; 2=enough for food but nothing left for other necessities; 3=enough for food and necessities, but not much left for other expenses; 4=enough to meet most of our needs)
E 10. 1 year ago	
E11. 2 years ago	
E12. 3 years ago	
E13. 4 years ago	
E14. 5 years ago	
E15. 6 years ago	

## F. HOUSEHOLD ASSETS

### Housing condition

Do you live in the same house as last year? (1=yes, 2=no) \_\_\_\_\_

If yes, skip to question F8

\*F.1 What is the type of house you live in? \_\_\_\_\_  
(1=detached house; 2=semi-detached house; 3=flat;  
4=hut in compound; 5=others)

\*F.2 Is the house you live in \_\_\_\_\_  
(1=owner occupied; 2=free public; 3=free private;  
4=subsidized public; 5=subsidized private; 6=rented;  
7=others)

\*F3. When was the house built? \_\_\_\_\_

\*F4. Does the house you live in have baked \_\_\_\_\_  
brick or concrete/stone walls (1=yes, 2=no) ?

\*F5. How large is the compound of the house \_\_\_\_\_  
(in acres)?

\*F6. Number of rooms used for living & sleeping \_\_\_\_\_  
(exclude kitchen, bathroom, toilet)

\*F.7 Does the house you live in have a metal, stone or  
concrete roof? (1=yes, 2=no) \_\_\_\_\_

F8. If you rent the house you live in, what is monthly  
rent paid (000 Tsh)?\_\_\_\_\_

F9.A. Did you make any renovations to the house over  
the past year? (1=yes, 2=no) \_\_\_\_\_

F9.B. If yes, how much did you spend (‘000 Tsh)\_\_\_\_\_

F13. Do you boil the water before drinking it? \_\_\_\_\_  
(1=yes; 2=no)

F15. If you were to sell house and compound \_\_\_\_\_  
today how much do you think you would make (‘000  
TSH)

F16.A. Does the household own another house  
\_\_\_\_\_ than the one discussed (1=yes; 2=no) Did  
you acquire this during the past year?

B. \_\_\_\_\_(1=yes; 2=no)

F17. If yes in F16A, how much do you think you would  
make if you were to sell the house and compound today  
(‘000 TSH)? \_\_\_\_\_

	A. Did your household buy/receive or sell/give away any of the following items over the past year? (1=yes, 2=No)	B. If it bought or received any of these items		C.If it sold or gave away any of these items	
		B1 How many?	B2. What was the total value (Sh 000)?	C1 How many	C2 What was the total value (Sh 000)?
<b>Consumer durables</b>					
F18. Radio/cassette player/stereo equipment					
F19. TV set/video					
F20. Dish antenna/decoder					
F21. Telephone fixed					
F22. Cell phone					
F23. Computer/printer					
F24. Refrigerator/freezer					
F25. Sewing machine					
F26. Chairs					
F27. Sofas					
F28. Tables					
F29. Beds					
F30. Cupboards, chest of drawers, boxers, wardrobes, bookcases					

	A. Did your household buy/receive or sell/give away any of the following items over the past year? (1=yes, 2=No)	B. If it bought or received any of these items		C.If it sold or gave away any of these items	
		B1.How many?	B2. What was the total value (Sh 000)?	C1.How many?	C2. What was the total value (Sh 000)?
F31. Electric gas/stove					
F32. Other stove					
F33. Water heater					
F34 Books (not school books)					
F35 Watch					
F36 Motor vehicle					
F37 Motor cycle					
F38 Bicycle					
F39 Boat/canoe					
F40 Mosquito net					
<b>Production tools</b>					
F41 Wheel barrow					
F42 Plough for animal traction.					
F43 Tractor					
F44 Trailer for tractor, harvester/reaper, plough for tractor, harrow					
F45 Sprayer and/or fogger					
F46 Water pumping set					
F47 Milking machine					
F48 Milling machine					
F49 Coffee pulping machine					
F50 Tobacco curing machine					
F51 Cashew machines					
F52 Incubator					
F53 Fishing net and other fishing equipment					
F54 Beehives					
F55 Sugar cane processing machine					
F56 Irrigation Pump* <sup>1</sup>					
<b>Buildings</b>					
F57 Storage building for agric products					
F58 Tobacco curing hut					
F59. Animal shed					

**F60 Did you buy or obtain as a gift/inheritance any non-farm enterprise assets (not your house, land, consumer durables or farm equipment)? (1=yes, 2=no) (A) \_\_\_\_\_ If yes, how? (1=bought; 2=obtained by gift/inheritance) (B) \_\_\_\_\_ What was the total value (price if bought)? (000 TSH) (C) \_\_\_\_\_**

**F61 Did you sell or give away any non-farm enterprise assets (not your house, land, consumer durables or farm equipment)? (1=yes, 2=no) (A) \_\_\_\_\_ If yes, how? (1=sold; 2=gave away) (B) \_\_\_\_\_ What was the total value (price if sold)? (000 TSH) (C) \_\_\_\_\_**

<sup>1</sup> \* indicates that the item was not included in the first round.



## G. AGRICULTURAL LAND OWNERSHIP AND USE (CROP PRODUCTION)

	A. Amount	B. Unit (1=ha; 2=acre)
G1. What is the total amount of land your household <b>owns now</b> ? (in acres)		
G2. What is the total amount of land your household <b>cultivated</b> (both owned & rented) (in acres) this <b>year</b> ?		

During the past year (since the last survey):		A. Amount	B. Unit (1=ha; 2=acre)	C. Value (000 TSH)
G3. Did you buy/receive any agricultural land? 1=yes, bought 2=yes received; 3=not bought or received	G4. If bought or received, state amount and value:			
G5. Did you sell/give away any agricultural land? 1=yes, bought 2=yes received; 3=not bought or received	G6. If sold/given away, state amount and value;			
		A. Amount	B. Unit (1=ha; 2=acre)	C. Rent (000 TSH)
G7. Did you rent in any land for agriculture? 1=yes, 2=no	G8. If rented, state amount and rent			
G9. Did you rent out any land for agriculture? 1=yes, 2=no	G10. If rented, state amount and rent			

I would now like to ask you some questions about your tree crops.

	Do you <i>currently</i> own any of the following tree crops?		Did you change the number of trees you own during the past year?		
	(A) 1=yes 2=no	(B) If yes, how many?	(C) 1=yes 2=no	(D) If yes, how many did you plant?	(E) If yes, how many did you uproot?
G11. Coffee, arabica					
G12. Banana					
G13. Cashewnut trees					
G14. Other fruit trees					
G15. Trees for timber or firewood					
G16. Other trees					

G17. How many parcels of land did you operate (includes rented land) this past year?

**For each land parcel answer the following questions starting with the largest parcel. Start with the largest and continue to the smallest.**

Parcel number	G18. Size		G19. Distance from HH compound (km) (0 if next to compound)	G20. Altitude compared to village Center 1=much above 2=somewhat above 3=about the same 4=somewhat below 5=much below	G21. What is the general slope of the parcel 1=very steep 2=gentle slope 3=mostly flat	G22. Irrigated? 1=yes; 2=no	G23. If yes, state type of irrigation 1=flooding 2=sprinkler 3=drip irrigation	G24. Is land parcel: 1=fully owned by HH 2=partly owned by HH 3=under long term leasehold 4=Rented 5= other	G25. Soil quality 1=Good 2=Medium 3=Poor	G26. Distance from nearest all weather road	G27. What kind of improvements does this plot have such as bunding, terracing, or mulching 1=rock bunds 2=soil bunds 3=mulching 4=terraces 5=gras lines 6=other 7=none		G28. How was the land cultivated last year 1=by hand 2=by animal traction 3=by tractor 4=was not cultivated (fallow) 5=other
	(A) Amount	(B) Unit 1=ha 2=acres									(1)	(2)	
P1													
P2													
P3													
P4													
P5													
P6													
P7													
P8													
P9													
P10													



G37. What was the production and sales of main annual crops in the past year? (state units and conversion rates to kg in the local unit conversion table). If some products haven't been completely harvested, give estimated total production.

	A. Produced this year? 1=yes 2=no	D. Total production	E. Units for production and sales (apply to all cols)	F. Amt sold	G. Total value of sales (Sh. 000)	H. Amt used for house-hold consumption	I. Amt still stored	J. Chemical Fertiliser Used? 1=Yes 2=no	K. Organic fertilizer used? 1=yes 2=no	L. Chemicals/pesticides used 1=Yes 2=no	M. Improved seeds used? 1=yes 2=no
Maize											
Beans											
Coffee Arabica											
Banana											
Millet											
Sorghum											
Wheat											
Rice											
Cassava											
Yams											
sweet potatoes											
Irish potatoe											
Groundnuts											
Onions											
Tomatoes											
other Vegetables											
Sunflower											
Peas											
Castor oil											
Sugar cane											
trees for timber or firewood											
Papaya											
Other fruit											
Tobacco											
Cashew											
Simsim											
Other product (code from prev. page) G38 _____											
Other product (code from prev. page) G39 _____											
Other product (code from prev. page) G40 _____											

**Unit code**

1=kg

2=liter

3=100kg bags

4=20kg tins

5=5kg tins

6=bunch (specify weight in front)

7=root bag (specify weight in front)  
8=cups (specify weight in front)

9=pieces  
10=other (explain)\_\_\_\_\_

	A. In how many years out of the last ten have you grown this crop?	In how many years out of the last ten, has production per acre of these two crops been in the following categories: (total number of years should be equal to number in column A)				
		B1. Normal or above normal	B2. Less than normal and at least 9/10 of normal	B3. Less than 9/10 of normal and at least 3/4 of normal	B4. Less than three quarters of normal and at least 1/2 of normal	B5. Less than half the normal production
G41. Maize						
G42. Cassava						

**H. LIVESTOCK PRODUCTION AND SALES**

H1. Did your household have any livestock during any period last year?  1= yes  
2=no

If NO, go to animal product section. IF YES, how many animals does your household own now and last year?

	A. Number 1 year ago (i.e at the time of last survey)	B. Acquisitions since February last year				C. Diminishments since February last year					D. Number now
		(1) # bought	(2) Total spent ('000 Tsh)	(3) # born	(4) # obtained as gift or by exchange of labour or other goods or services	(1) # sold.	(2) Total payment received ('000 Tsh)	(3) # killed for cons.	(4) # given as gift or in exchange of labour or other goods or services	(5) # died /stolen	
H2. Draft bullocks or oxen											
H3. Cows and male cattle											
H4. Goats/sheep											
H5. Pigs											
H6. Horses mules donkeys											

H7. Poultry (chicken, ducks, turkeys, guinea fowl)											
----------------------------------------------------	--	--	--	--	--	--	--	--	--	--	--

**Animal products last year (i.e since last survey):**

H9. Did your household produce any animal or bee products last year? \_\_\_\_\_ (1=yes, 2=no). If NO, go to the FARM INPUT section. If YES, we would like to ask you some questions about the type of products produced and the amount sold.

	A. Did your household produce any of the following animal products 1=yes; 0=no	B. Total production last year	C. Unit	D. Quantity sold last year	E. Value of sales ('000 Tsh)
H10. milk					
H11. Cheese, butter, yoghurt					
H12. Honey					
H13. Meat (Beef, goat/sheep, pork) (from animals slaughtered)					
H14. Eggs					

**Unit code**

1=kg  
2=liter

3=100kg bags  
4=20kg tins  
5=5kg tins

6=bunch (specify weight in front)  
7=root bag (specify weight in front)  
8=cups (specify weight in front)

9=piece

**I. FARM INPUTS**

**How much of various inputs did you use and buy this past year (including inputs for coffee, tobacco and cashew production)?**

	A. Used this year 1=yes 2=no; if no, go to F for non blocked items.	B. Total used		C. Quantity purchased	D. Value spent '000 Tsh for quantity purchased	E. What was the main source of your input last year? 1=Private market/shop 2=Cooperative 3=Government project 4=Other	F. Was it easy to get assuming you had financing (1=yes, 2=no)	G. Was it available when you needed it? 1=yes 2=no
		B1. Amount	B2. Unit 1=kg 2=liter					
I1. Traditional seeds								
I2. Improved seeds								
I3. Organic fertiliser								
I4. Inorganic fertiliser								
I5. Chemicals (insecticides herbicides)								
I6. Veterinary services								
I7. Other livestock related services and inputs (feed, transport, etc. except labour)								

I8. Animal or machinery hire for ploughing etc.							
I9. Transport of farm products							
I10. Other production expenses							

I11. Did you obtain any inputs on credit (1=yes; 2=no)? \_\_\_\_\_

I12.A If yes, whom did you get credit from? \_\_\_\_\_

(1=food crop buyer; 2=primary society; 3=private cash crop trader; 4=cash crop company;  
5=relatives/friends; 6=bank; 7=sacco or other credit association; 8=rosca; 9=private input trader; 10=other (explain)\_\_\_\_\_)

I13. How did you eventually pay back?\_\_\_\_\_

(1=In cash after sale of product; 2=By deduction from sale price when lender bought my products; 3=In kind with other products; 4=through working for the person who lent me;  
5=I have not repaid yet ; 6=other way (specify).....)

### J. HIRED FARM LABOUR

J1. Did you hire workers for the farm last year (inclusive for coffee, tobacco, and cashew production )?  1=yes  
 2=no

J2. How many days of hired labor did you use last year for all your crops (i.e. since last November)	J3. Total amount spent for this type of labour last year in cash and estimated value of non-cash payments	
	A. Cash (000 Tsh)	B. Value of in kind (Tsh 000)

### K. PROCESSING OF FARM PRODUCTS

K1. Have you processed any farm products from crops/other plants during the past year (ie, since the last survey) (beer, butter, vegetable oil, ... (1=yes; 2=no)?  
\_\_\_\_\_ If no, go to next section.

	A0. During the past twelve months list all products made from crops and other plants by household members (beer, shea butter , vegetable oil, etc) (see codes in last column)	A. Total production last year		B. Total amount sold	C.Total sales last year '000 Tsh	D. Total cash production expenses during last year (tools, containers, labour, etc.) '000 Tsh	Production unit code	Product codes
		A1. unit	A2. amount					
K2.							1=kg	1=beer/wine/strong drink
K3.							2=liter	2=maize or rice flour
K4.							3=100kg bags	3=yam or cassava flour
K5.							4=20kg tins	4=oil
							5=5kg tins	5=prepared/cooked food
							6=bunch (specify weight in front)	
							7=other (specify weight in front)	





L13. Other problems (explain)...		
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### M.COFFEE PRODUCTION AND SALES

**M1. Do you have coffee trees? (1=yes, 2=no) \_\_\_\_\_. If no, go to the next section.**

**Arabica coffee marketing and sales last year and this year (all units in kg of parchment equivalent). If available and the farmer is willing to share them, please use the receipts. Cross check with coffee production in section G.**

	How much coffee did you sell?			
	A. to the primary society	B. Directly to the auction (through farmers' groups)	C. private buyers or others?	D. to Akseg or other NGOs under special contracts
M2. Amount sold since the beginning of the harvest season this year (2004)				
M3. Initial price in Tsh per kg				
M4. Additional payment in Tsh per kg				
M5. Amount sold from the end of last harvest season (2003) till the beginning of this year's harvest season (2004)				
M6. Initial price in Tsh per kg				
M7. Additional payment in Tsh per kg				

#### Coffee production costs

Last year	A. Cultivation	B. Pruning	C. Weeding	D. Harvesting	E. Washing and processing	F. Transport to collection center	G. Other	H. Total Days	L. Total amount spent (TSH) (note: total should be ≤ J3A & J3B)	
									L1. Cash	L2. In kind
M8. How many days did you and other household members spend over the past year (2004) on										
M9. How many days from hired labour (permanent and seasonal) did you utilise over the past year (2004) on										

**M10. What was the total cash cost (TSH 000) of other variable inputs applied to coffee trees:**

Fertilizer (A) \_\_\_\_\_ Spraying chemicals (B) \_\_\_\_\_ Various services (e.g. rental equipment, ...) (C) \_\_\_\_\_  
 Credit (interest paid) (D) \_\_\_\_\_ Other inputs (E) \_\_\_\_\_

**In all cases below it concerns the price for coffee in parchment form.**

**M11. (A) Do you know what is the price of coffee today offered at your village?** \_\_\_\_\_ (1=Yes, 2=no).

**(B)** If yes, how much is it (Arabica Parchment) \_\_\_\_\_ Tsh/kg

<b>M12.</b> Do current coffee prices cover total cash production costs (namely excluding your household labour and other in kind household inputs) 1=yes, 2=no	
<b>M13.</b> At current prices, is it worth the time of your household members to produce coffee? 1=yes, 2=no	
<b>M14.</b> What is the current or most recent Moshi auction price for arabica coffee? (in Tsh/kg)	

1=highly likely, 2= somewhat likely, 3= somewhat unlikely, 4=highly unlikely, 99=cannot tell or do not know	A. Below 400 Tsh/kg	B. At least 400 and less than 600 Tsh/kg	C. At least 600 and 800 and less than Tsh/kg	D. At least 800 and less than 1000 Tsh/kg	E. Above 1000 Tsh/kg
<b>M15. How likely do you think it is that next year's coffee prices (in the village for parchment) will be the in the indicated range</b>					

	(A). January - March	(B). April-June	(C). July-September	(D). October-December	TOTAL
M16. What proportion (percentage) of your total coffee production do you normally harvest in each of the following periods (note answers must add to 100)					
M17. What proportion (percentage) of your total coffee production last year did you harvest in each of the following periods (note answers must add to 100)					



### **Willingness to pay for coffee price insurance**

Suppose it would be possible to buy a contract NOW to ensure yourself a certain minimum coffee price in the future after the next harvest. If the market price is higher than this minimum price at the time your contract expires, you will get the market price. If it is lower than this minimum price, you will get the minimum price stipulated in your contract. While it is not possible to offer such contracts at this time, it may be possible to do so in the future. Obviously, such a contract does not come for free. A premium must be paid NOW, and we would like to know if you would be interested in such contracts and how much you would be willing to pay for such a contract. The coffee you would deliver would be of the same quality as you delivered last year and it would be collected at the same place it is collected now.

M18 Would you be interested in such a contract if it were offered to you? (1=yes; 2=no) \_\_\_\_\_

While you may not be interested in such a contract, you may become more interested if we make it a bit more concrete, so please bear with us for a moment..

While we fully realize that this is not an easy exercise, we would like to emphasize that it is important that you give us as honest and precise an answer as possible. By overstating the premium you would be willing to pay, you would suggest that the interest in such an insurance scheme is higher than it actually is and vice versa, if you understate the premium, you suggest that you are less interested than you actually are. Note once again that the contract guarantees you a certain minimum price and that if the actual market price in a year turns out to be higher, you get that higher market price.

M19. (A) Would you be willing to pay 10 for a contract which permits you to sell 1 kg of coffee in May-August of 2005 (i.e. 3 to 6 months from now for at least 400 TSH. (1=yes, 2=no)\_\_\_\_\_

(note you can buy as many of these 1 kg contracts as you wish)

(B). If your answer is YES, then how many contracts would you be willing to buy at this price?\_\_\_\_\_

(C). If your answer is no, what is the maximum price you would be willing to pay for such a contract?\_\_\_\_\_Tsh

M20. (A) Would you be willing to pay 20 TSH for a contract which permits you to sell 1 kg of coffee in May-August 2005 (i.e. 3 to 6 months from now for at least 600 TSH. (1=yes, 2=no)\_\_\_\_\_

(note you can buy as many of these 1 kg contracts as you wish)

(B). If your answer is YES, then how many contracts would you be willing to buy at this price?\_\_\_\_\_

(C). If your answer is no, what is the maximum price you would be willing to pay for such a contract?\_\_\_\_\_Tsh

M21. (A) Would you be willing to pay 50 TSH for a contract which permits you to sell 1 kg of coffee in May-August 2005 (i.e. 3-6 months from now) for at least 800 TSH. (1=yes, 2=no) \_\_\_\_\_

(Note you can buy as many of these 1 kg contracts as you wish)

(B) If your answer is YES, then how many contracts would you be willing to buy at this price? \_\_\_\_\_

(C). If your answer is no, what is the maximum price you would be willing to pay for such a contract? \_\_\_\_\_ Tsh

M22. Would you be able to pay for the premium now? (1=yes, 2=no) \_\_\_\_\_

**N.CASHEWNUT PRODUCTION AND SALES**

N1. Do you have cashewnut trees? (1=yes, 2=no) \_\_\_\_\_ *If no, go to the next section.*

N2. Who was the main buyer for your cashewnuts this past year? (1=Primary society, 2=trader, 3=cashewnut private company; 4=other)\_\_\_\_\_

N3. Did you make a contract for producing and selling cashewnut last year? (1=Yes, 2=No)\_\_\_\_\_

N4. If yes with whom? (1=primary society, 2= trader, 3=private cashewnut company, 4=other)\_\_\_\_\_

Cashewnut marketing and sales last year and this year (all units in kg of raw nuts). If available and the farmer is willing to share them, please use the receipts.

	How much cashewnut did you sell	
	A. Standard	B. Under grade
N5. Amount sold since the beginning of the harvest season this year (2004)		
N6. Average price in Tsh per kg		
N7. Amount sold from the end of last harvest season (2003) till the beginning of this year's harvest season (2003)		
N8. Average price in Tsh per kg		

Last year	A. Land preparation	B. Pruning	C. Weeding	D. Harvesting	E. processing	F. Transport to collection center	G. Other	H. Total Days	I. Total amount spent (Tsh) note: should be ≤ to J3 A and B	
N9. How many days did you and other household members spent last year on									L1. Cash	L2. In kind (value)
N10. How many days from hired labour (permanent and seasonal) did you utilise last year on										

N11. What was the total cash cost (TSH) of other variable inputs applied to cashewnut trees:

Fertilizer (A)..... Spraying chemicals (B) ..... Various services (e.g. rental equipment, ...) (C).....Cash Credit ( interest paid ) (D) .....

N12. (A) Did you receive any of these inputs on credit or as a loan? (1=yes, 2=no)\_\_\_\_\_

(B) If yes, from whom?(1=primary society, 2=from buyer of product, 3=from seller of inputs, 4=other)\_\_\_\_\_

**Cashewnut prices (in all cases below the cashewnut for which price is asked is per kg, for standard grade nuts)**

<b>N13.</b> Do current cashew prices cover total cash production costs (namely excluding your household labour and other in kind household inputs) 1=yes, 2=no	
<b>N14.</b> At current prices, is it worth the time of your household members to produce cashew? 1=yes, 2=no	

1=highly likely, 2= somewhat likely, 3= somewhat unlikely, 4=highly unlikely, 99=cannot tell or do not know	A. Below 300 Tsh/kg	B.At least 300 and below 400 Tsh/kg	C. At least 400 and below 500 Tsh/kg	D. At least 500 and up to 600 Tsh/kg	E. Above 600Tsh/kg
<b>N15.</b> How likely do you think it is that next year's cashewnut prices (in the village) will be the in the indicated range					

**Willingness to pay for cashewnut price insurance**

Suppose it would be possible to buy a contract NOW to ensure yourself a certain minimum cashewnut price in the future after the next harvest. If the market price is higher than this minimum price at the time your contract expires, you will get the market price. If it is lower than this minimum price, you will get the minimum price stipulated in your contract. While it is not possible to offer such contracts at this time, it may be possible to do so in the future. Obviously, such a contract does not come for free. A premium must be paid NOW, and we would like to know if you would be interested in such contracts and how much you would be willing to pay for such a contract. The cashew you would deliver would be of the same quality as you delivered last year and it would be collected at the same place it is collected now.

**N16** Would you be interested in such a contract if it were offered to you? (1=yes; 2=no) \_\_\_\_\_

While you may not be interested in such a contract, you may become more interested if we make it a bit more concrete, so please bear with us for a moment..

While we fully realize that this is not an easy exercise, we would like to emphasize that it is important that you give us as honest and precise an answer as possible. By overstating the premium you would be willing to pay, you would suggest that the interest in such an insurance scheme is higher than it actually is and vice versa, if you understate the premium, you suggest that you are less interested than you actually are. Note once again that the contract guarantees you a certain minimum price and that if the actual market price in a year turns out to be higher, you get that higher market price.

**N17. (A)** Would you be willing to pay 10 TSH for a contract which permits you to sell 1 kg of standard grade cashewnut in August-December 2005 (i.e. 6-10 months from now) for at least 300 TSH. (1=yes, 2=no)\_\_\_\_\_ (note you can buy as many of these 1 kg contracts as you wish)

**(B)** If your answer is YES, then how many contracts would you be willing to buy at this price? \_\_\_\_\_

**(C)** If no, what is the maximum price you would be willing to pay (in Tsh)? \_\_\_\_\_

**N18 (A)** Would you be willing to pay 20 TSH for a contract which permits you to sell 1 kg of standard grade cashewnut in August-December 2005 (i.e. 6-10 months from now) for at least 450 TSH. (1=yes, 2=no)\_\_\_\_\_ (note you can buy as many of these 1 kg contracts as you wish)

**(B)** If your answer is YES, then how many contracts would you be willing to buy at this price? \_\_\_\_\_

**(C)** If no, what is the maximum price you would be willing to pay (in Tsh)? \_\_\_\_\_

**N19.(A)** Would you be willing to pay 30 TSH for a contract which permits you to sell 1 kg of standard grade cashewnut in August-December 2005 (i.e. 6-10 months from now) for at least 600 TSH. (1=yes, 2=no)\_\_\_\_\_ (note you can buy as many of these 1 kg contracts as you wish)

**(B)** If your answer is YES, then how many contracts would you be willing to buy at this price? \_\_\_\_\_

**(C)** If no, what is the maximum price you would be willing to pay (in Tsh)? \_\_\_\_\_

**N20.** Would you be able to pay for the premium now? (1=yes, 2=no) \_\_\_\_\_

**N21.** Are you still sure of your responses? \_\_\_\_\_ ( 1=very sure; 2=sure ; 3=have some doubt; 4=still have a lot of doubt;99=really don't know)



**O.WILLINGNESS TO PAY FOR RAINFALL BASED INSURANCE**

We would like to ask you some questions relating to how weather affects your farm production, and then some questions about whether you would be interested in a particular kind of insurance for losses due to bad weather.

First I would like to ask you some questions concerning rainfall in the location of your farm.

**O.1 How many years out of the last ten was the rainfall in your farm .... (The sum of all answers must be 10)**

A. Much below normal	B. Somewhat below normal	C. around normal or average	D. somewhat above normal	E. much above normal

We would like to ask you if rainfall falls a certain percentage below normal, if you would consider it:

1= normal, 2= somewhat below normal; 3= a lot below normal. (Note to enumerator, as soon as the respondent has indicated that he considers a certain drop in rainfall below normal as 3=a lot below normal, you enter 3 for the subsequent questions till W.6)

**O.2 In particular, if rainfall in a particular year is around 1/10 below normal, would you say that rainfall is: \_\_\_\_\_**

**O.3 If rainfall in a particular year is around a quarter (1/4) below normal, would you say that rainfall is: \_\_\_\_\_**

**O.4 If rainfall in a particular year is around a third (1/3) below normal, would you say that rainfall is: \_\_\_\_\_**

**O.5 If rainfall in a particular year is half (1/2) or more below normal, would you say that rainfall is: \_\_\_\_\_**

**O.6 When you consider a period of 10 years, how often (i.e. how many years out of ten) did you obtain:**

A. A normal revenue per acre or more (as low as 10% below average is considered normal)	B. Between 10 percent and one quarter below the average revenue per acre	C. More than one quarter, but not less than half the average revenue per acre	D. Less than half of the average revenue per acre

### **Explanation for the respondent**

Some organizations are currently exploring the introduction of a rainfall based insurance contract. The spirit of the contract is that if the amount of rain is below a certain minimum, you would receive a certain payout. The contract will be written per acre and you can buy as many contracts as you want. In other words, if the rainfall falls below a certain level (defined as a fraction below normal rainfall), you would receive a certain amount at the time of harvest. If the rainfall was above that then you would receive nothing. If you had bought two contracts, you would receive two times that amount. If you had bought three contracts, you would receive three times that amount, etc. and you would receive a multiple of that amount depending on the number of contracts you have bought per acre. Obviously, such a contract would not come for free and you would be asked to pay a certain premium for such a contract. The premium would have to be paid at the time of the purchase of the contract, i.e. before the planting season. We would like to know if you would be interested in such contracts and how much you would be willing to pay for such a contract. While we fully realize that this is not an easy exercise, we would like to emphasize that it is important that you give us as honest and precise an answer as possible.

**O.7 Would you be interested in such a type of contract?** (1=yes, 2=no) \_\_\_\_\_

(To the enumerator) If the answer of the respondent to the previous question is “Yes”, then go to Question O9 below. Otherwise continue

**O.8 If your answer to W7 is No, then why is it so?** (Do not read responses; select only one answer from below) \_\_\_\_\_

1. I cannot afford to pay any amount for rainfall insurance
2. I am short of funds in the period before planning
3. I have other more pressing cash needs in the period before planting
4. Declines in rainfall do not hurt me too much
5. I have other means of covering my losses due to inadequate rainfall
6. Major declines in rainfall do not occur too often
7. Other  
(explain) \_\_\_\_\_

Even if you answered that you are not interested in such a contract we would like to ask you some relevant questions to see whether you would be interested when you heard the options.

**O9. Consider the following contract. When rainfall in the following year is 1/10 OR MORE below normal, then you will be paid an amount equal to 12000 Tsh per acre. Are you willing to pay 2000 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)? \_\_\_\_\_**

**O10. How many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O11. Consider the following contract. When rainfall in the following year is 1/10 OR MORE below normal, then you will be paid an amount equal to 21000 Tsh per acre. Are you willing to pay 4000 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)? \_\_\_\_\_**

**O12 How many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O13. Consider the following contract. When rainfall in the following year is 1/10 OR MORE below normal or more, then you will be paid an amount equal to 35000 Tsh per acre. Are you willing to pay 7500 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)?**

**O14 How many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O15A How much chemical fertilizer do you normally use on your farm? \_\_\_\_\_ (in kgs)**

**O15B If you were to buy one of the insurance contracts offered above, how much chemical fertilizer would you use? \_\_\_\_\_ (in kgs)**

**O16. Consider the following contract. When rainfall in the following year is 1/3 OR MORE below normal, then you will be paid an amount equal to 20000 Tsh per acre. Are you willing to pay 1000 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)? \_\_\_\_\_**

**O17 If you answered yes to any of the above questions, then how many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O18. Consider the following contract. When rainfall in the following year is 1/3 OR MORE below normal, then you will be paid an amount equal to 35000 Tsh per acre. Are you willing to pay 3000 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)? \_\_\_\_\_**

**O19. If you answered yes to any of the above questions, then how many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O20. Consider the following contract. When rainfall in the following year is 1/3 OR MORE below normal, then you will be paid an amount equal to 58000 Tsh per acre. Are you willing to pay 5000 Tsh/acre for such a contract (you could buy as many “per acre contracts as you want”? (1=yes, 2=no)? \_\_\_\_\_**

**O21. If you answered yes to any of the above questions, then how many acres (one contract per acre) would you insure at that price?**

Number of acres	
-----------------	--

**O22. If you were to buy one of the insurance contracts offered above, how much inorganic fertilizer would you use? \_\_\_\_\_ (in kgs)**

Note for external readers of the questionnaire, the \* on the premiums indicates an actuarially fair contract.

**P. Access to credit**

P1. Does any member of your household belong to a sacco (1=yes, 2=no)

--

P2. Does any member of your household belong to a rosca (1=yes, 2=no)

--

P3. Does any member of your household have an individual bank account (1=yes, 2=no)

--

P4A. During the last year, have you needed money quickly for an emergency, that you could not cover from your own resources? (1=yes, 2=no) If yes, go to next question; if no, go to P6A.

--

P4B. Were you able to obtain money to deal with this emergency? (1=yes, 2=no)\_

--

If yes, go to next question; if no, go to P6A.

P5. If answer to above is yes how did you cover your needs? (1=gifts from relatives or friends, 2= borrowed from relatives or friends, 3=borrowed from sacco, or other formal credit association; 4=borrowed from rosca; 5=borrowed from cooperative or other primary society; 6=borrowed from local trader, shopkeeper or other person not related to household; 7=borrowed from local or other bank; 8=other (explain)\_\_\_\_\_)

--

P6A. Did you need seasonal credit to buy inputs for the farm this year? (1=yes, 2=no)

--

*If yes, go to next question, if no, go to P8A*

P6B. Were you able to obtain credit for seasonal inputs? (1=yes, 2=no)

--

*If yes, go to P7; if no, go to P8A.*

P7. If answer to previous question is yes, then whom did you obtain this credit from? (1=borrowed from relatives or friends, 2=borrowed from sacco or other formal credit association; 3= borrowed from rosca; 4=borrowed from cooperative or other primary society; 5=borrowed from local trader, shopkeeper or other person not related to household; 6=borrowed from local or other bank; 7=other (explain)\_\_\_\_\_)

--

P8A. Did you need credit to buy any of the capital items (farm or non-farm) that you bought this year? (1=yes, 2=no) *If yes, go to P8B, if no, go to P10*

--

P8B. Were you able to obtain credit for capital items?

--

P9. If answer to previous question is yes, then whom did you obtain this credit from? (1=borrowed from relatives or friends, 2=borrowed from sacco or other formal credit association; 3= borrowed from rosca; 4=borrowed from cooperative or other primary society; 5=borrowed from local trader, shopkeeper or other person not related to household; 6=borrowed from local or other bank; 7=other (explain)\_\_\_\_\_)

--



**Q. REAL INCOME EVOLUTION AND INSTABILITY**

**Compared with 6 years ago (1999), is income from each of the following sources now a larger share of total income, about the same, or a smaller share of total income?**

1=larger share of total now than 6 years ago;

2=about the same share as 6 years ago;

3=smaller share of total now than 6years ago.

88=do not receive any income from this source now and also did not 6 years ago.

Q1. <b>Cash</b> income from own farm staple food crops (cereals/banana /root crops / etc)		Q6. Wages (cash or goods exchanged) of all types	
Q2. <b>Cash</b> income from sale of own livestock		Q7. Income (cash or goods exchanged) from food and other agricultural processing activities (not coffee)	
Q3. <b>Cash</b> income from coffee production and sales		Q8. Income (cash or goods exchanged) from other non-farm family enterprises	
Q4. <b>Cash</b> income from other cash crops		Q9. Income from pensions	
Q5. <b>Cash</b> income from sale of vegetables / fruits		Q10. Income (cash or goods) from gifts and remittances	

Q11. Has food produced by the household become a larger or smaller share of total food consumption over the past six years? \_\_\_\_\_

1=larger share of total now than 6years ago;

2=about the same share as 6 years ago;

3=smaller share of total now than years ago.

88=do not receive any income from this source now and also did not 6 years ago.

**R. CONSTRAINTS TO EXPANDING INCOME OPPORTUNITIES**

**R1. Is your household interested in increasing its agricultural production activities? \_\_\_\_\_ (1=yes; 2=no)**

If yes, go to R2; if no, go to R3.

**R2. IF YES, what are the three most important problems/constraints that prevent you to increase your household's agricultural activities?**

1=most important, 2=second most important, 3=third most important (DO NOT READ RESPONSES) If no constraints mark 1 for responses option 17 and 88 elsewhere

<input type="text"/>	1. Cannot obtain more land	<input type="text"/>	7. Prices of products too low	<input type="text"/>	13. Difficulties of dealing with state
<input type="text"/>	2. Cannot obtain loans, credit for capital purchases	<input type="text"/>	8. Delayed payments from buyers	<input type="text"/>	14. Difficulty in dealing with primary society or cooperative
<input type="text"/>	3. Cannot obtain credit/loans for seasonal capital needs	<input type="text"/>	9. Not enough family labour	<input type="text"/>	
<input type="text"/>	4. Cannot find labour to hire	<input type="text"/>	10. Prices of inputs too high	<input type="text"/>	15. Agricultural production less profitable than other activities of household
<input type="text"/>	5. Cannot sell products	<input type="text"/>	11. Cannot find suppliers of inputs	<input type="text"/>	16. Other (explain)...
<input type="text"/>	6. Do not have enough own capital	<input type="text"/>	12. High cost of marketing because of bad roads	<input type="text"/>	17. No constraints (if no constraints mark 1 here and 88 elsewhere.)

**R3. IF NO, what are the two most important reasons why you are not interested?**

→ 1=most important, 2=second most important (DO NOT READ RESPONSES)

<input type="text"/>	1. Farming is not profitable	<input type="text"/>	3. We can make more money doing other things	<input type="text"/>	5. We cannot sell what we want to sell now
<input type="text"/>	2. We are too old	<input type="text"/>	4. We do not need the money	<input type="text"/>	6. Other (explain)...

**R4. Are some of your household members interested in working more for wages? \_\_\_\_\_ (1=yes; 2=no)**

If no, go to section S; if yes, continue.

**R5. IF YES, what are the two most important problems in finding additional work?**

1=most important, 2=second most important (DO NOT READ RESPONSES)

<input type="text"/>	1. There is no or little work available where we live
<input type="text"/>	2. There is work available but wages are too low
<input type="text"/>	3. We do not have any spare time to work more
<input type="text"/>	4. We make better income in our current activities
<input type="text"/>	5. Other (explain) .....



### S. PORTFOLIO AND GROWTH PREFERENCES

**S1. Suppose you earned some extra money from your income activities (equal to about half your annual income), what would you use it for?**

**State the 3 most important purposes** (DO NOT READ RESPONSES) (1=most important, 2=second most important, 3= third most important).

<input type="text"/>	1. Increase agricultural food crop production	<input type="text"/>	5. Increase farm processing activity	<input type="text"/>	9. Buy bicycle, motorcycle, truck, car, etc.	<input type="text"/>	13. Put in savings account in bank
<input type="text"/>	2. Increase coffee production	<input type="text"/>	6. Increase storage capacity or other farm buildings	<input type="text"/>	10. Buy food or other consumer goods	<input type="text"/>	14. Other.....
<input type="text"/>	3. Increase production of non-food cash crops besides coffee	<input type="text"/>	7. Invest in non-farm enterprise	<input type="text"/>	11. Pay for children's education	<input type="text"/>	
<input type="text"/>	4. Increase livestock production	<input type="text"/>	8. Improve house	<input type="text"/>	12. Buy household appliances	<input type="text"/>	

### T. MAJOR SHOCKS AND OTHER TEMPORARY EVENTS THAT NEGATIVELY AFFECTED HOUSEHOLD'S LIVING CONDITIONS IN PAST YEAR

SHOCKS ARE EVENTS THAT OCCUR SUDDENLY. OFTEN THEY HAVE A CLEAR BEGINNING AND A CLEAR END. THEY GENERALLY DO NOT LAST FOR MORE THAN A FEW DAYS OR WEEKS. SOME MAY EVEN BE VERY BRIEF (E.G. A HAIL STORM). THE CONSEQUENCES OF SHOCKS (E.G. LOSS OF ASSETS, OR LACK OF FOOD) MAY BE FELT FOR A LONG PERIOD OF TIME

**In the past year have the living conditions in your household been negatively affected by any of the following [SHOCKS]?**

ID		Over the past year, have the living conditions of household members been affected by [SHOCK]?		How did [SHOCK] affect the <b>food</b> consumption of the household 1=Very negatively 2=somewhat Negatively 3=not much 4=not at all	How did [shock] affect the <b>total</b> consumption of the household?  1=Very negatively 2=somewhat Negatively 3=not much	How long did it take to get back to the <b>total</b> consumption level attained before the shock?  1. Less 1 month 2. 1-3 months 3. 3-6 months 4. 6-12 months 5. Have not recovered yet	Who else in the community experienced this [SHOCK]?  1. Only this household was affected 2. Few households 3. Many households 4. Almost everybody
T0		T1		T2	T3	T4	T5
1	Drought						
2	Heavy rainfall, flooding, untimely rains, hailstorm						
3	Unexpected decline in cereal price compared to the previous year						

4	Unexpected decline in cash crop price compared to the previous year						
5	Major harvest losses due to wild animals, birds, livestock, insects, pests						
6	Fire/house burnt down						
7	Theft of household assets						
8	Unemployment from paid job						
9	Loss of livestock (death, theft, illness; NOT SALE)						
10	Eviction, loss of land (NOT SALE)						
11	Substantial post harvest maize loss						
12	Other (specify) _____						
			Age	Sex			
			e	1=M, 2=F			
13	Major illness not resulting in death # 1						
14	Major illness not resulting in death # 2						
15	Major illness not resulting in death # 3						
16	Death # 1						
17	Death # 2						
18	Death of person outside of household who provided important financial support						

**As a direct consequence of this [SHOCK] ...**

			If yes in T7		If yes (code 1 in T9)		If yes (code 1) in column T11					If yes to T16			
	Of the shocks identified on the previous page, which three shocks were the most serious ones?  <b>Provide shock ID from T0</b>	As a result of [SHOCK] did you lose (part of) your harvest 1=Yes 2=no → T9	How much did you lose 1=90-100% 2=1/2-90% 3=1/2 to ¼ 4=less 25%	As a result of [SHOCK] did you incur major expenses (e.g. funeral, medical bills) 1=yes 2=no → T11	How much did you spend in '000 SHS	Did you lose any livestock? (NOT BY SALE)  1=yes 2=no → T16	How many oxen did you lose?	How many other cattle did you lose?	How many goats, pigs or sheep did you lose?	How many poultry did you lose?	Did [SHOCK] have any non-material consequences? 1=Yes 2=no → T19	What kind of consequences?  <b>Consequence code</b>	T17	T18	<b>Consequence code</b> 1. Social disruption <i>e.g. immorality, drug, alcohol abuse</i> 2. Family breakdown <i>e.g. orphan hood, early marriage, inheritance</i> 3. Emotional breakdown <i>e.g. depression, mental illness</i> 4. Educational breakdown <i>e.g. interrupted school, lack of concentration</i> 5. Other ____ (specify)
	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16				
Most Serious															
Second Shock															
Third Shock															

**To reduce the consequences of this [SHOCK] (e.g. for the household's food consumption) or to recover from the [SHOCK] (e.g. to rebuild a house) ...**

			If yes to T20			If yes to T23	If 1-4 in T24			If yes to T26			If yes to T29											
	Shock ID  <b>From P6</b>	Did you use cash savings? Or did you sell, barter or exchange land, animals or other assets? 1=Yes 2=no → T23	What assets did you sell or exchange?  <b>Codes at bottom in column 1</b>	Did you receive assistance from family or others (friends, NGO, gov't)? 1=Yes 2=no → T26	From whom <b>Codes at bottom in col 2</b>	Is the person from whom you received aid: 1=better-off than you, 2=about the same, or 3=poorer than you?	Did you engage in new ways of generating income? <i>e.g. sell food / crafts, work off farm...</i> 1=Yes 2=no → T29	What did you do?  <b>Codes at bottom in column 3</b>	Did you take any other actions to deal with [SHOCK] eg. Borrow, eat less expensive food...? 1. Yes 2. No	What did you do? <i>e.g. borrow money,, migration</i> <b>Codes at bottom in column 4</b>	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	
Most Serious																								
Second Shock																								
Third Shock																								
<b>Column 1</b> Sale or exchange of assets or savings			<b>Column 2</b> Reliance on assistance and aid				<b>Column 3</b> Adaptations in income generation				<b>Column 4</b> Other actions													
1. House 2. Land 3. Oxen 4. Other cattle 5. Other livestock 6. Food stock 7. Household appliances 8. Jewellery 9. Cash Savings 10. Other (specify) _____			from .. 1. Relative in village 2. Relative outside village 3. Neighbors / friends in village 4. friends outside village 5. Local religious organization, NGO, or village official 6. (inter) national NGO 7. government 8. Other _____ (specify)				1. Work harder, longer hours on farm 2. Engage in (more) off farm labour 3. Crafts, carpentry, beer making and other self employment 4. Join food for work program 5. Prostitution 6. Send children to work or beg 7. Other (specify ) _____				1. Migrate with household to other area 2. Borrow money or food 3. Send household members away to look for work 4. Postpone purchase of clothing and other durables 5. Eat less expensive food ( no meat or fish) 6. Collect and eat wild foods 7. Eat less 8. Other ( specify)													



## U. Household consumption expenditures

### A. FOOD, BEVERAGES AND TOBACCO

On average, how many people were present in the household and participated in the meals in the last 7 days? Also indicate the number of visitors who participated in the meals and the number of days they did so.

U1	Household Members		Visitors			
	(1) Adults	(2) Children	(3) Adult	(4) # days	(5) Children	(6) # days
(A) Male						
(B) Female						

**How much of each of the following food items has the household (including meals prepared for visitors) consumed over the past 7 days. Enumerators - let wife assist as she may be more familiar with food consumption than the man.**

Item Description	Code	Total amount consumed	Unit of Qty 1=kg 2=liter 3=pieces 4=gram 5=other...	Purchased (incl. food bought while temporarily away from home by household members and visitors over past 7 days.		Consumption out of home produce	Obtained as gift
				Qty.	Value (TSH)	Qty	Qty
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Banana	101						
Maize (grains)	102						
Maize (cobs)	103						
Maize (flour)	104						
Beans (dry)	105						
Rice	106						
Millet/sorghum	107						
Bread	108						
Sweet Potatoes (Fresh)	109						
Casava(Fresh)	110						
Cassava(Dry/Flour)	111						
Irish Potatoes	112						
Beef	113						
Pork	114						
Goat/sheep meat	115						
Other meat	116						
Chicken	117						
Fresh Fish	118						
Dry/Smoked fish	119						
Eggs	120						
Fresh Milk	121						
Cooking oil	122						
Margarine,Butter, etc	123						
Fruits	124						
Onions	125						
Tomatoes	126						
Cabbages	127						
Peas	128						
Other Vegetables	129						
Groundnuts	130						
Sugar	131						
Coffee	132						
Tea	133						
Salt	134						
Soda/soft drinks/ juice	135						
Beer local	136						
Beer commercial	137						
Cigarettes	138						
Other Tobacco	139						
Restaurant exp on food Food	140						
Restaurant exp on drinks	141						
Spices	142						

Part B: Non-Durable Goods and frequently purchased services (**During Last 30 days**)

Item	Code	Unit of Quantity 1=kg 2=liter 3=pieces 4=gram 5=other	Purchases		Home Produced		Obtained as gift	
			Quantity	Value ('000sh)	Quality	Value ('000sh)	Quality	Value ('000sh)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Housing expenditures</b>								
Rent of rented house	201							
Maintenance and repair expenses	202							
Water	203							
Electricity	204							
Paraffin (kerosene)	205							
Charcoal	206							
Firewood	207							
Others	208							
<b>Personal care</b>								
Matches	210							
Washing soap	211							
Bath soap	212							
Tooth paste	213							
Cosmetics	214							
Handbags, travel bags etc	215							
Batteries	216							
Newspapers and magazines	217							
Others	218							
<b>Transport &amp; communication</b>								
Tyres, Tubes, spares, etc.	220							
Petrol, diesel etc.	221							
Taxi and/or bus fares	222							
Stamps, envelopes, etc	223							
Air time & service fee for mobile phones	224							
Expenditure on fixed phones	225							
Others	226							
<b>Health expenditures</b>								
Consultation Fees	230							
Medicines etc.	231							
Hospital/Clinic charges	232							
Traditional doctors fees/medicines	233							
Others	234							
<b>Other service</b>								
Sports, theaters etc	240							
Dry Cleaning and Laundry	241							
Houseboys/girls, Shamba boys etc.	242							
Barber and beauty shops	243							
Expenses in hotels, lodging places	244							
Milling expenses	245							

**Part C: SEMI-DURABLE AND DURABLE GOODS AND SERVICES (During Last 365 days)**

Item Description	Code	Purchases Value ('000 TSh)	Free (obtained as gift) Value ( '000 Tsh)
(1)	(2)	(3)	(5)
<b>Clothing</b>			
Men's clothing	301		
Women's clothing	302		
Children's wear	303		
Clothing Material and tailoring	304		
Men's Footwear	305		
Women's Footwear	306		
Children's Footwear	307		
Other Footwear and Repairs	308		
<b>Furniture, Carpet, Furnishings etc</b>			
Furniture Items (chairs, sofas, tables, beds, cupboards, chest of drawers, wardrobes, book cases)	401		
Carpets, Mats, etc.	402		
Curtains	403		
Bedding Mattresses	404		
Blankets and bed sheets, etc.	405		
Mosquito nets	406		
Insecticide for mosquito nets or spraying the compound	407		
Other and Repairs	409		
<b>Household Appliances and Equipment</b>			
Electric iron/Kettles/cooking pots etc.	421		
Charcoal and Kerosene stoves	422		
Electronic Equipment (TV. dish antenna, decoder, etc.)	423		
Radio/cassette player/stereo equipment	424		
Computer/printer	425		
Bicycles	426		
Motorcar, pick-ups, etc.	427		
Motor cycles	428		
Phone Handsets (Both Fixed and Mobile)	429		
Other equipment and repairs	430		
Jewelry, Watches etc.	431		
<b>Glass/Table Ware, Utensils &amp; Electric goods</b>			
Plastic Basins	441		
Plastic plates/tumblers	442		
Jerry cans and Plastic buckets	443		
Enamel and metallic utensils	444		
Switches, plugs, cables, bulbs etc	445		
Others and repairs	449		
<b>Education</b>			
Schools fees including PTA	601		
Boarding and Lodging	602		
School uniform	603		
Books and supplies	604		
Other educational expenses	609		
<b>Other services</b>			
Expenditure on household functions	801		
Insurance Premiums	802		
Other services N.E.S.	809		

## D NON-CONSUMPTION EXPENDITURE

Items Description (1)	Code (2)	Value during 12 months ('000Tsh) (3)
Taxes and duties paid	901	
Pension and social security contribution	902	
Remittances, gifts and other transfers including title	903	
Contributions to funerals and other functions	904	
Others (like subscriptions, interest to consumer debts, etc	909	

**E. What kind of taxes have you paid this year? (Note: the sum of taxes reported below should equal the value in 901)**

Type of tax / product	Code	A. Paid any of the following taxes? (1=yes,2=no)	B. If yes, what was the total amount of taxes paid this year (000 Tsh)	C. Has amount of tax increased since 5 years ago? 1=yes, 2=the same 3=decreased 4=tax did not exist 5 years ago)
<b>Produce cess</b>				
Coffee	1001			
Maize	1002			
Other crops	1003			
Livestock	1004			
Cashew	1005			
Tobacco	1006			
<b>Education levy</b>				
Coffee	1007			
Maize	1008			
Other crops	1009			
Livestock	10010			
Cashew	10011			
Tobacco	10012			
<b>Village levy</b>				
Coffee	10013			
Cashew	10014			
Tobacco	10015			
Other products	10016			
<b>Development levy</b>	10017			
<b>Other taxes (explain)</b> .....	10018			
<b>Other taxes (explain)</b> .....	10019			
<b>Other taxes (explain)</b> .....	10020			

**We would like to thank you for your time and cooperation.**