

**TANZANIA VULNERABILITY SURVEY 2009**  
**Research on Poverty Alleviation and World Bank**

SET 1,2,3,4,5:

TIME PREFERENCE SIX MONTH 50,750/54,000/58,000/61,000/67,000

ONE MONTH 50125/50625/51250/51750/52500TSH

VOUCHER ALTERNATIVE 60,000/50,000/40,000/30,000/20,000

INTEREST FREE LOAN 44,000/56,000/67,000/78,000/89,000

INSURANCE 250000/200000/150000/125000/100000

**Kilimanjaro Household Questionnaire Round 3 (Nov-Dec 2009)**

**(To be answered by household head or most knowledgeable household member)**

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

	Region	District		Village	Is village the ward capital (1=yes, 2=no)	Name of household head in 2004	Name of household head now
		Old	New				
Name							
Code							

Note Ward and village code are the same

**Region Code**

1=Kilimanjaro  
2= Ruvuma

**District Code**

1=Rombo  
2=Mwanga  
3=Same  
4=Moshi Rural  
5=Hai  
6=Siha

**Village code**

1=Mamsera Juu  
2=Mengwe Chini  
3=Aleni-Chini  
4=Shimbi Mashami  
5=Mrao  
6=Mrere  
7=Kiooti  
8=Samanga  
9=Leto

10=Nayeme  
11=Nalemuru  
12=Mamba  
13=Jipe  
14=Sofe  
15=Ruvu Jiungeni  
16=Mtunguja  
17=Lugulu  
18=Vugwama  
19=Kimangaro  
20=Mrimbo Uuwo  
21=Kimbogho

22=Rauya  
23=Nduweni  
24=Kilema Chini  
25=Mero  
26=Ngasinyi  
27=Tsuduni  
28=Korini Juu  
29=Mnini  
30=Kariwa  
31=Mtakuja  
32=Uhuru  
33=Sungu

34=Manushi Ndo  
35=Kindi kati 1  
36=Uchira  
37=Omarini  
38=Sango  
39=Nkuu-Ndo  
40=Kikavu Chini  
41=Nshara 'A'  
42=Mbweera  
43=Mbosho  
44=Kishisha  
45=Nrao Kisangar

**Note:** To identify the household, use the name of the household head of last time and the corresponding code from the village list drawn up in 2004.

If the household is not interviewed, indicate why 1=The household moved 2=There was no respondent present during the time of the survey 3=The possible respondents refused 4=Household has disintegrated	
If the household moved, did it move to a 1= rural or 2= urban area	
If the household moved, did it move to an area 1=within the district; 2=to another district within the region; 3=to the regional capital (Moshi); 4=to another region; 5=to Dar es Salaam; 6=Mozambique; 7=Malawi; 8=Uganda; 9=Rwanda; 10=Kenya; 11=other African countries; 12=Europe; 13=United States; 14=other, 15=Arusha.	

	Name	Code/id number
Respondent (use code from household roster)		
If <b>respondent</b> is different from last time, who was the respondent last time? Use code from household roster (99 if current respondent does not remember)		
Enumerator		
Supervisor		
Data enterer		

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

- **999** if the respondent does not know, does not remember or refuses to answer (in other words answer is not necessarily zero)
- **888=Not Applicable** (question irrelevant for the respondent)
- **In all other cases blanks or empty spaces will be interpreted as zeros**
- **Local units such as bags, tins, debe, etc. should be converted into litre, kg, acre or ha**

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

We would like to ask you some questions about your household. We consider someone a member of the household if they usually live and eat in the household. All persons who were members of the household during our last visit (i.e. Nov 2004, or Nov 2003 if your household was not interviewed in 2004 round, are listed below. First, we would like to verify whether these persons are still members of the household and ask some further questions about them. Second, we would like to ask about the new household members and ask some questions about them.

(A1) ID	(A2) Name	(A3) Gen der 1= Mal e 2=F emal e	(A4) Is [NAME] still a member of the household (1=yes, 2=no)  If yes, go to A7; If no, go to A5	(A5) If [NAME] is no longer a member of the household,		(A6) If the [NAME] moved, Where did [NAME] move to?		(A7) Enter Age (yrs) at last birth day.	(A8) Relation ship to head of the househo ld (use codes below)	(A9) Marital status (if ≥ 15 years old) 1=unmarried 2=married 3=separated/div orced 4=widowed 5=other 888=N/A
				(A) What has happened? 1=died 2=married and moved 3=moved to live on his own 4=divorced 5=other (explain)	(B)When did it happen?  (B1) Year  (B2) Mon th	A. 1=rura l 2=urb an	B. 1=within the district; 2=to another district within the region; 3= regional capital (Moshi); 4=another region in TZ; 5=to Dar es Salaam; 6=Mozambique; 7=Malawi; 8=Uganda; 9=Rwanda; 10=Kenya; 11=other African country; 12=Europe; 13=United States 14=other 15=Arusha			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Relationship to head of the household  
code:

- 1=Head
- 2=First spouse
- 3=Child of head and first spouse

- 4=child of head only
- 5=child of first 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
- 13=second wife

- 14=child of head and second wife
- 15=child of second wife only



We would also like to ask you some questions about the background of the parents of the household head and his/her current spouse (or former one if no spouse any longer). Start with the father of the household head, then his mother, subsequently ask about the father and the mother of the first spouse

(A1) ID	(A2) Name (repeat names of household head and his spouse(s) USE the correct ID number!!!)	(A20) Relationship to head of the household 1=Head 2=1 <sup>st</sup> Spouse	(A21) Questions regarding 1=father 2=mother	(A22) Still alive 1=yes 2=no	(A23) Age (age at death if passed away) (years)	(A24) Highest grade completed by the father/mother of [NAME] 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	(A25) Most important occupation of the father/mother of [NAME] (codes below)		(A30) How much land did s/he own?		(A27)Where did the father/mother spend most of his/her time during his/her life		(A28) Did you inherit anything from your father/mother?  1=yes 2=no  If no, go to next page	(A29)If yes,		
							A. Activity code	B. If codes 1-5 or 14 in A,  sector of employment	A. Amount	B. Unit 1=acres 2=ha	A. 1=rural areas 2=urban areas	B.1=within the same village 2=within the same district; 3=another district within the region; 4=regional capital (Moshi); 5=another region in TZ; 6=in Dar es Salaam; 7=in Mozambique; 8=Malawi; 9=Uganda; 10=Rwanda; 11=Kenya; 12=other African country; 13=Europe; 14=United States 15=other 16=Arusha		A. When did you inherit?  year	B. What did you inherit? 1=land 2=house 3=jewelry 4=money 5=business 6=other, specify	C. What is the current resale value of the property? (‘000 TSH)

**Activity code**

- 1=regular wage earner in private sector
- 2=regular wage earner in public sector
- 3=irregular wage earner
- 4=self employed w/o employees
- 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
- 14=self employed with employees

**Sector of employment**

**Primary sector**

- 1=agriculture
  - 2=fishing
  - 3=livestock
  - 4=mining and quarrying
  - 5=other primary
  - 16=forestry
- 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



## Outside network

(B10). Does the household have any close relatives living in Moshi or outside Kilimanjaro? (1=yes, 2=no). \_\_\_\_\_

Note to enumerators, this would include (but is not limited to) the household members listed in the previous demographic section that are no longer household members because they moved to Moshi or outside Kilimanjaro.

If no, go to next section.

(B11). If yes, how many? \_\_\_\_\_

			Person 1	Person 2	Person 3
(B12). How are they related to the head of the household (1=son; 2=daughter; 3=brother/sister; 4=father; 5=mother; 6=uncle; 7=aunt; 8=cousin; 9=other), specify? List only the most important ones.					
(B13). What is the highest grade the relative obtained?					
Highest grade completed by the father/mother of [NAME] 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			
(B14). In which year did the relative move?					
(B15). What is their main activity? (see activity code above)					
(B16). What is their sector of employment (if codes 1-5 or 14 in main activity)?					
(B17). Where are they living? 1=in Moshi; 2=another rural region in TZ; 3=another urban region in TZ; 4= Dar es Salaam; 5=Mozambique; 6=Malawi; 7=Uganda; 8=Rwanda; 9=Kenya; 10=other African country; 11=Europe; 12=United States; 13=other; 14=Arusha					
(B18). Do they help the household out in any way? 1=yes; 2=no; if no, go to next section (Note to enumerators, support can come in many forms as indicated below).					
(B19). What has been the most important type of support they have provided? 1=regular financial support (in cash or in kind); 2=helped out in case of shock (e.g. funeral, wedding, illness,...); 3=raise one of the kids; 5=house a student; 6=moral support; 7=bring good ideas; 8=provide loans; 9=help children find jobs; 10=others; 11= pay for school fees; 12=paid medical bills					
(B20). How would the household have been now without the person's support? 1=much worse off; 2=somewhat worse off; 3=about the same; 4=better off.					





## **X. Business activity**

(X1). Has any of the household members been involved in a business activity \_\_\_\_\_ since the last survey (i.e. over the past 5 years) (1=yes, 2=no)?

Note that it concerns all businesses except farming (i.e. activity code 4 or 14 and employment code 6-15). It includes both businesses that are still running today and businesses that you started but stopped. (Note to enumerator: if non-farm income has been reported or anyone with activity code 4 or 14 and employment code 6-15 in the previous sections, the answer should be yes).

If no, go to the next section. If yes, we would now like to ask you some questions about the latest and most important business that any of your household members has been running (either now or over the past 5 years)

(X2)	In which year did you start this business?	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p style="text-align: center;">Year</p>					
(X3)	Is this business still running?	1=yes, 2=no					
(X4)	If no, in which year did you stop the business?	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <p style="text-align: center;">Year</p>					
(X5)	If the business has been stopped. what have been the major reasons for stopping the business (list up to two reasons beginning with the most important one) ?	1=increased competition 2=I got sick 3=demand for the products or services declined in general 4=I got tired of it 5=there were better business opportunities 6=I got a well paid job 7=I could not pay back my debt 8=the input prices increased too much 9=I could not find good employees 10=too much hassle with tax authorities 11=too much social pressure in sharing benefits 12=cash flow was a problem 13=administrative burden was too high 14=other, please specify					
(X6)	Where and/or from whom did you get the idea for this business (up to 2 responses possible)?	parents.....1 spouse's parents.....2 brother/sister.....3 other relative or friend 4 neighbor in the village.....5 from the radio/tv.....6 from NGO/government.....7 when traveling/working in Kilimanjaro.....8 when traveling/working in another province.....9 when traveling/working outside Tanzania.....10 other _____(specify) 96					

(X7)	Has your family (father, brothers/sisters, wife's family) been running a business at any point ?	Yes, same type of business I am running now.....1 Yes, another type of business.....2 No.....3						
(X8)	What was/is the main activity in your business?	Production.....1 Trade.....2 Service.....3 Construction.....4 Other _____ 96 (specify)						
(X8b)	Is the business related to agriculture in any way?	1=yes, sale of agricultural crops 2= yes, sale of agricultural inputs 3= yes, retail of food 4=yes, processing of agricultural crops 5=yes, other (specify) 6=no						
(X9)	How did you learn the skills to make the product or provide the services of this business?	it was an apprentice ..... 1 Training from NGO or governmental structures..... 2 other _____ 96 (specify)						
(X10)	Who are/were your MAIN customers?	Final consumers (Households).....1 Other producers (Businesses, farms) ....2						
(X11)	Is/was this your first business / self-employed undertaking? If yes, go to X13	Yes .....1 No .....2						
(X12)	If no, How many previous businesses / self-employed undertakings have you been involved in before this one?							
(X13)	Is this currently your only business/self-employment undertaking or was it the only business you were running at the time? If yes, go to X15	Yes.....1 No .....2						
(X14)	If NO, How many current business activities / self-employed undertakings are you concurrently engaged in?							
(X15)	How much did you spend to start this business? ('000 Tsh)  ALL EXPENSES : COST OF STARTING CAPITAL, LICENSE, BUILDING SHOP ETC.....	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> If zero, go to X19						
(X16)	How did you get most of the money to finance the startup cost of the business?	Own savings .....1 Loan .....2 Remittance.....3 Gift .....4 Other _____ 96 (specify)						

(X17)	Where did you get the loan from?	Bank.....1 SACCO.....2 VICOBA (village bank).....3 Someone in the village.....4 Family member.....5 Other ____ 96 (Specify)			
(X19)	How many non-family members are/were working in this business?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			
(X20)	How do/did you compensate non-family workers ?	No compensation.....1 Wage.....2 In kind.....3 Wage + in kind.....4			
(X21)	How many family members are/were working in this business	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>			
(X22)	How do/did you compensate family workers?	No compensation.....1 Wage.....2 In kind.....3 Wage + in kind.....4			
(X23)	Is this business registered?	Yes.....1 No.....2			
(X24)	If yes, how much did you pay to register your business ('000 Tsh) ?				
(X25)	Does this business have a license?	Yes.....1 No.....2			
(X26)	If yes, how much did you pay to get the license ('000 Tsh)?				
(X27)	Answer the following questions only if the business still exists  Taking into account your expenses, did you earn more this year than?	(x27a) Last year Yes.....1 No.....2 About the same.....3 Don't know.....96			
		(x27b) 2-3 years ago Yes.....1 Nno.....2 About the same.....3 Don't know.....96			
		(x27c) 4-5 years ago Yes.....1 No.....2 About the same.....3 Don't know.....96			

### E. Evolution of well being

**We would now like to ask you some questions about how you are today, how this compares with how you were during our last visit (5 years ago, Nov 2004), and what your expectations are for the future?**

E1. In general, how **happy** would you consider yourself to be? \_\_\_\_\_  
1=very unhappy; 2=somewhat unhappy; 3=neither happy or unhappy;  
4=somewhat happy; 5=very happy

E2. In general, would you consider your **health** to be ? \_\_\_\_\_  
1=very bad; 2=somewhat bad; 3=neither bad/nor good; 4=good; 5=excellent

E3. How would you consider the **current economic situation** \_\_\_\_\_  
of your household?  
1=very poor; 2=somewhat poor; 3=neither poor/nor rich; 4=somewhat rich; 5=rich

E4. How is your household's economic situation now compared \_\_\_\_\_  
with our last visit 5 years ago, i.e. Nov 2004.  
1=much worse; 2=somewhat worse; 3=similar ; 4=somewhat better; 5=much  
better;

E5. Why?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E6. How is your household's economic situation now compared \_\_\_\_\_  
to what you EXPECTED it to be 5 years ago, i.e. Nov 2004.  
1=much worse than expected; 2=somewhat worse than expected ; 3=about as  
expected ; 4=somewhat better than expected; 5=much better than expected;

E7. How do you expect your household's economic situation \_\_\_\_\_  
to be **in 5 years time**?  
1=much worse; 2=somewhat worse; 3=similar; 4=somewhat better  
5=much better

E8. Why?  
\_\_\_\_\_  
\_\_\_\_\_

E9. Is your current household income adequate to meet \_\_\_\_\_  
your needs today? Note to enumerators – read the different possible answers.  
(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)

E10. How was your household's economic situation compared to the \_\_\_\_\_  
average in the village 5 years ago  
1=much worse; 2=somewhat worse; 3=similar;4=somewhat better; 5=much better

E11. How is your household's economic situation compared to the average \_\_\_\_\_  
in the village now?  
1=much worse; 2=somewhat worse; 3=similar;4=somewhat better; 5=much better

## Z. TIME PREFERENCES

**We would now like to ask you a few questions about your time preference.**

We would like to ask you about your preferences about getting an amount of money at a certain point in time or some other amount some time later. In thinking about this, you should consider that the prices of goods remain the same over the period considered, i.e. that 50.000 TSH at planting or harvest time will buy you the same amount of goods as 50.000 TSH six or nine months later.

Z2. Would you rather have 50,000 TSH guaranteed **at maize planting time**, \_\_\_\_\_ than 50750/54000/58000/61000/67000TSH guaranteed **six months later**?  
(1=planting time; 2=in six months)

Z3. Would you rather have 50,000 TSH guaranteed **now** than \_\_\_\_\_ 50125/50625/51250/51750/52500TSH guaranteed in one month?  
(1=now; 2=in 1 months)

## F. HOUSEHOLD ASSETS

### Housing condition

- 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)
- F.3. If rented, what is monthly rent paid \_\_\_\_\_  
(‘000 Tsh)?
- F4. Number of rooms used for living & sleeping (exclude kitchen, bathroom, toilet) \_\_\_\_\_
- F5. When was the house built? (i.e., habitable)\_\_\_\_\_
- F6. Does the house you live in have electricity \_\_\_\_\_  
(1=yes; 2=no)
- F7. Does the house you live in have baked \_\_\_\_\_  
brick or concrete/stone walls (1=yes, 2=no) ?
- F.8 Does the house you live in have \_\_\_\_\_  
a metal, stone or concrete roof ? (1=yes, 2=no)
- F.9 Main source of drinking water \_\_\_\_\_  
(1=own tap; 2=public tap; 3=own bore hole; 4=covered well; 5=uncovered well; 6=river/lake; 7=other)
- F.10 distance to nearest DRINKING water (km)\_\_\_\_\_
- F.11 type of toilet facility used \_\_\_\_\_  
(1=flush toilet private; 2=flush toilet public; 3=covered latrine; 4=uncovered latrine; 5=bush; 6=others)
- F.12. How large is the compound of the house \_\_\_\_\_  
(in acres)?
- F.13. If you were to sell house and compound \_\_\_\_\_  
today how much do you think you would make (‘000 TSH)
- F.14. Does the household own another house \_\_\_\_\_  
than the one discussed (1=yes; 2=no)
- F.15. If yes, how much do you think you would \_\_\_\_\_  
make if you were to sell that house and compound today (‘000 TSH)

	A. Number owned today	C1. If sold today, how much would they be worth in total (‘000 Tsh)?	C2. How much did the household spend (‘000 Tsh) on the following items during last year?
<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			
F31. Electric gas/stove			
F32. Other stove			
F33. Water heater			
F34 Books (not school books)			
F35 Watch			
F36 Motor vehicle			

	A. Number owned today	C1. If sold today, how much would they be worth in total ('000 Tsh)?	C2. How much did the household spend ('000 Tsh) on the following items during last year?
F37 Motor cycle			
F38 Bicycle			
F39 Boat/canoe			
F40 Mosquito net			
<b>Production tools</b>			
F61b hoe** <sup>1</sup>			
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>2</sup>			
F60b Power tillar**			
F62b Mashower (motorized blower)**			
<b>Buildings</b>			
F57 Storage building for agric products			
F58 Tobacco curing hut			
F59. Animal shed			

F60 Do you have any non-farm enterprise assets (not your house, land, consumer durables, farm equipment or non-farm equipment mentioned above)? (1=yes, 2=no) (A) \_\_\_\_\_

F61 If yes, and if sold today, is their total value? \_\_\_\_\_

1=less than 100,000 Tsh

2=between 100,000 and 250,000 Tsh

3=between 250,000 and 500,000 Tsh

4=between 500,000 and 1,000,000 Tsh

5=between 1,000,000 and 2,000,000 Tsh

6=between 2,000,000 and 5,000,000 Tsh

7=over 5,000,000 Tsh

F62 Did you acquire any of these non-farm enterprise assets (not your house, \_\_\_\_\_ land, consumer durables, farm equipment or non-farm equipment mentioned above) during the past four years (1=yes; 2=no)?

F63 If yes, how much did you pay in total ('000 TSH)? \_\_\_\_\_

<sup>1</sup> \*\*Indicates that the item was not included in the first or second round

<sup>2</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> ?		
G2. What is the total amount of land your household <b>cultivated</b> (both owned & rented) during the past year?		

		A. Amount	B. Unit (1=ha; 2=acre)	C. Value (‘000 TSH)
G3. Did you buy/receive any agricultural land <b>over the past five years</b> ? 1=yes, bought 2=yes received as gift; 3=received from village or govt; 4=inherited 5= not bought or received				
G4. If bought or received, state amount and value:				
G5. Did you sell/give away any agricultural land <b>over the past 5 years</b> ? 1=yes, sold 2=yes, gave away as gift; 3=gave back to village or govt; 4=not sold or given away				
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 <b>during the past year</b> ? 1=yes, 2=no				
G8. If rented, state amount and rent paid				
G9. Did you rent out any land for agriculture during the <b>past year</b> ? 1=yes, 2=no				
G10. If rented, state amount and rent received				

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 5 years (i.e. since Nov 2004, i.e. the last survey when coffee prices were very low)?								
	(A) 1=yes 2=no	(B) If yes, how many?	(C) 1=yes 2=no	(D) If yes, how many did you plant?			(F) How many of the new plants planted since 2004 are new varieties?	(E) If yes, how many did you uproot?		
				05-‘07 (D1)	‘08 (D2)	‘09 (D3)		05-‘07 (E1)	‘08 (E2)	‘09 (E3)
G11. Coffee, Arabica										
G12. Banana										
G14. Fruit trees										
G15. Trees for timber or firewood										
G16. Other trees										



**For each of the five largest parcels answer the following questions regarding the crops cultivated last year in each parcel (follow sequence of plots indicated above). Enumerator : if the respondent has more than 5 parcels and has used inorganic fertilizer in one or several smaller parcels(not among the five largest parcels) then you should also list those parcels, and ask all questions about those parcels**

G36. Parcel No Repeat the parcel numbers from above	G37. Type of cultivation 1=no-crop 2=mixed crop	G38. Crop code (if mixed, repeat parcel number and list different crops	G39. Number of trees if applicable	G40. Production last year		G41. Rainfall received in parcel last year compared to normal in past (code below)	G42. Onset of rainfall last year compared to normal 1=normal; 2=little bit late 3=much too late	G43. crop damage due to pest/insect attacks? 1=none 2=little 3=somewhat 4=a lot	G44. Pesticides used? 1=yes 2=no	G45. Organic fertilizer used? 1=yes 2=no	G46 Amount of fertilizer (kg) used			G47 Seeds (kg) used				
				A. Units	B. Amount						A. Urea (kg)	B. Phosphorus fertilizer		C. NPK kg	A. Traditional kg	B. Modern		
												B1. 1=DAP 2=MRP (Minjingu)	B2. kg			B1. 1=OPV 2=hybrid 3=other	B2. kg	

**Crop code**

- |           |                   |                     |              |                                      |   |
|-----------|-------------------|---------------------|--------------|--------------------------------------|---|
| 1=maize   | 10=yams           | 19=cabbage          | 28=tobacco   | 3=100kg bags                         | 9=pieces  |
| 2=beans   | 11=sweet potatoes | 20=other vegetables | 29=cashew    | 4=20kg tins/debe                     | <b>Normality code</b><br>1=much above normal<br>2=somewhat above normal<br>3=around normal/average<br>4= somewhat below normal<br>5=much below normal |
| 3=coffee  | 12=Irish potatoes | 21=simsim (sesame)  | 30=sunflower | 5=5kg tins                           |   |
| 4=banana  | 13=groundnuts     | 22=peas             | 31=avocado   | 6=bunch (specify weight in front)    |   |
| 5=millet  | 14=onions         | 23=castor oil       | 32=paprika   | 7=root bag (specify weight in front) |   |
| 6=sorghum | 15=tomatoes       | 24=sugar cane       |              | 8=cups (specify weight in front)     |   |
| 7=wheat   | 16=pumpkin        | 25=papaya           | <b>Units</b> |                                      |   |
| 8=rice    | 17=carrots        | 26=other fruit      | 1=kg         |                                      |   |
| 9=cassava | 18=sweet pepper   | 27=others, specify  | 2=liter      |                                      |   |

G48. What was the production and sales of main annual crops in **the past year**? 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 household consumption	J. Month the bulk of the crop was harvested (1=Jan, 2=Feb, ..., 10=Oct, 11=Nov, 12=Dec)	K. Estimated loss since harvest due to drying, rats/mice, pests	I. Amt still stored
Maize									
Beans									
Coffee Arabica									
Banana									
Millet									
Sorghum									
Wheat									
Rice									
Cassava									
Yams									
sweet potatoes									
Irish potatoes									
Groundnuts									
Onions									
Tomatoes									
other Vegetables									
Sunflower									
Peas									
Castor oil									
Sugar cane									
trees for timber or firewood									
Papaya									
Other fruit									
Tobacco									
Cashew									
Simsim									
Paprika									
Avocado									
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)\_\_\_\_\_



I22 Did you buy any fertilizer or improved seeds for the past cropping season (2008/2009)?  
 (1=yes, 2=no) \_\_\_\_\_

I23 If yes, we would now like to ask you the full amount of fertilizer and improved seeds you bought with the voucher and the amount you bought without the voucher. If nothing bought you put zero.

	Past year (Oct2008-Oct 2009)					
	A. Without the voucher			B. With the voucher		
	A1. Unit	A2. Amount bought	A3. Amount paid (‘000 TSH)	B1. Unit	B2. Amount bought	B3. Amount paid (‘000 TSH)
I24. Urea						
I25. DAP						
I26. MRP (minjingu)						
I27. Improved seeds (hybrid)						
I28. Improved seeds (OPV)						

**Unit code**

- 1=kg
- 2=50 kg bags
- 3=100kg bags
- 4=others (specify \_\_\_\_\_)

## V. INPUT VOUCHER

**We would now like to ask you some questions about this year's input voucher for fertilizer and seeds?**

V1. Do you know that the government has distributed fertilizer and/or seed vouchers for \_\_\_\_\_ the past planting season? (1=yes; 2=no) If yes, go to V2. If no, go to V3.

V2. If yes, how did you learn about it? \_\_\_\_\_  
(1=village council; 2=radio; 3=neighbour; 4=extension agent; 5=input trader; 6= other, specify)

V3. Were you selected as eligible for a voucher during the very first distribution round? \_\_\_\_\_  
If yes, go to V4 If no, go to V12.

(Note to enumerators. In most villages a list of the households eligible for a voucher was drawn up by the village voucher committee. Yet, not all people accepted the voucher and the vouchers that were returned were often redistributed among the others in the village, often on a first come first serve basis. We are here interested to know whether the household was selected on that very first list. (1=yes, 2=no).

V4. If you were selected during the first distribution round, did you accept the vouchers \_\_\_\_\_ offered to you? (1=yes, 2=no). If yes, go to V6. If no, go to V5.

V5. If no, why, not? \_\_\_\_\_

1=I did not have cash and did not want to take credit to pay the top up;

2=I did not have cash and could not find credit to pay the top up;

3=I did not have cash and the interest rate on the credit I could find to pay for the top up was too expensive;

4=I don't think putting this amount of fertilizer will increase the yields sufficiently to be profitable

5=I don't think the maize or rice prices will be high enough to pay back the investment

6=If the weather is bad, I won't be able to pay back the loan

7=The cost/effort of collecting the fertilizer is too large

8=the fertilizer/improved seeds are hard to find

9=I had already planted my crops

10=I had already put fertilizer on my crops

11=there was not sufficient guidance on how to use the package best

12=others ... specify \_\_\_\_\_

Go to expected output section, V22.

If you were selected and you accepted the vouchers distributed during the first round	Urea A.	DAP/ Minji ngu B.	Impro ved seeds C.
V6. How many vouchers did you receive in total (first and any subsequent rounds)			
V7. How many of those did you receive during the first round?			
V8. What was the subsidy value per voucher you received ('000 TSH)?			
V9. Did you use it to acquire the stated good on the voucher (urea, dap/minjingu, seeds)? (1=yes, 2=no) If no, go to V10. If yes, go to V9b.			
V9b. Do you know of people who have used the vouchers in exchange for other than the stated goods or money? 1=yes; 2=no. If yes, go to V18. Note that this is not a problem, it would just be good to know			

whether some people preferred cash or some other good rather than the voucher for whatever reason.			
V9c. Do you believe this has occurred 1=very often; 2=often; 3=somewhat; 4=a few cases only; Go to V18.			
V10. If you did <b>not</b> use them to buy the stated good (urea, dap or minjingu, seeds), what did you do with them: 1=I returned it 2=I gave them away for free to someone else 3=I used it to buy the other “voucher” goods (fertilizer/seed) 4=I used it to pay for other purchases 5=I sold it 6=other			
V11. If you used it for other purchases or for resale, how much did you get per voucher? (‘000 TSH)			

V12. If you were not selected during the first round, did you acquire any voucher during \_\_\_\_\_ redistribution or any of the subsequent rounds? (1=yes, 2=no)? If no, go to ‘Expected output section’ V22

	Urea A.	DAP/ Minjing u B.	Improve d seeds C.
V13. If you were not selected during the first round, and acquired vouchers during redistribution or any of the subsequent rounds, how many of each vouchers did you acquire in total?			
V14. What was the subsidy value per voucher you received (‘000 TSH)?			

If you used the voucher to buy fertilizer or seeds,

V18. Where did you buy the goods? 1=in the village; 2=in the district town; 3= in the ward capital; 4=other, specify _____	
V19. How many km did you have to travel? (kms)	
V20. Did you receive any technical advice on how to use any of these three inputs? (1=yes; 2=no) If no, go to V22	
V20b. If you received technical advice, from whom? 1=agro-dealer; 2=extension agent; 3=other farmers; 4=other, specify	



**Expected production output given normal and government package of fertilizer/improved seed inputs**

The input voucher package the government distributed this year consists of 2 50 kg bags of urea, 1 50 kg bag of DAP or 2 50 kg bags of MRP AND 20 kg of improved (OPV or hybrid) maize seeds, which should be used on 1 acre of land. These amounts of inputs are different from the inputs that you put on your maize fields last year. We would now like to ask you how much better or worse you think the maize harvest per acre would be when applying the full government package compared to what you normally do. As your answer may be different depending on the rainfall, we will ask this questions under different rainfall patterns, i.e. when rainfall is much below normal, normal or much above normal. In particular, In particular:

If the rainfall on the parcel is [xxx],		Much below normal B.	Normal D.	Much above normal F.
V22 and I apply the <b>government package</b> mentioned above, I expect the amount of maize output per acre of my typical maize parcel to be (xxx) than when I would apply the same amount and quality of fertilizer and seed that I normally apply	1=much lower 2=lower 3=about the same 4=higher 5=much higher			

**Expected rainfall**

It is hard to know how much it will rain in the future, but given our experience in the past, we often have an idea of how likely it is that it will be dry or that there will be sufficient rain. We would now like to ask you about your opinion on how likely it is that the rain in the cropping season next year will be much below normal, somewhat below normal, normal, somewhat above normal or much above normal. In particular, if you would have to distribute 15 beans across each of these 5 categories, how would you do so? The more beans you put in a category, the more likely you believe that rain will be like that next year. If you put no bean in the category, it means that you believe that there is no chance at all that the rain next year will be in that category. Instructions for enumerators, please show them a card with the 5 bins and give them 15 beans to distribute across the 5 bins. Note the # of beans put in each category below. All 15 beans should be distributed across the 5 bins!

Rainfall is	A. Much below normal	B. Somewhat below normal	C. Normal	C. Somewhat above normal	E. Much above normal
V.24 # of beans out of 15					

**Interest in voucher as opposed to other interventions.**

As mentioned above, the Government of Tanzania has introduced a fertilizer and modern input voucher during the 2009 agricultural season that allowed you to buy a package of



A.- In particular, **at planting time** would you rather take the 50,000 TSH voucher which allows you to buy the 100,000 TSH package of inputs at 50,000 TSH than a gift of 56,000/44,000/33,000/22,000/11,000 TSH cash **and** an interest free loan of 44,000/56,000/67,000/78,000/89,000 TSH to be paid back at harvest time.?

- Take the gift/loan.....1 Circle and go to V27.B
- Take the voucher. .... 2 Circle and go to V27C.
- I am indifferent.....3 Go to V28

B. Why do you prefer the gift/loan? Reason 1: \_\_\_\_\_ Reason 2: \_\_\_\_\_

- 1=I don't want to use fertilizers seeds
- 2=I don't want to use modern seeds
- 3=I don't know how to use these inputs
- 4=It is not profitable to use this package
- 5=I can use the loan more profitably to invest in my cash crops
- 6=I can use the loan more profitably to invest in nonfarm activities
- 7=The loan would allow me to buy even more fertilizer
- 8=I will most likely not have the cash to pay for the top up
- 9=I will most likely not be able to get credit to pay for the top up
- 10=If the harvest fails, I will not be able to pay back the credit I incurred for the top up
- 11=I would use the loan to pay off my debt and sell less of my harvest
- 12=others, specify \_\_\_\_\_

C. Why do you prefer the voucher? 1<sup>st</sup> reason: \_\_\_\_\_ 2<sup>nd</sup> reason: \_\_\_\_\_

- 1=I use fertilizers and modern inputs in any case
- 2=I earn more putting the fertilizer and seeds on my field than I can get from the amount of cash offered
- 3=I may be tempted to use the money for other expenses
- 4=I don't have any alternative lucrative opportunities
- 5=others, specify \_\_\_\_\_

V28. Now instead of receiving the input voucher every year, you would get a free insurance policy against drought every year. Under this insurance policy you would receive a certain amount of money paid out immediately after the harvest if the rainfall on your farm has been much below normal. If the rainfall is better than "much below normal", you receive nothing. If the insurance money is paid out, you can use it for whatever purpose you want, including to buy food or pay back loans, etc...

A.- Would you rather have an insurance policy every year which pays you out 250,000/200,000/150,000/125,000/100,000 Tsh immediately after the harvest if the rainfall on your farm is much below normal, than a voucher every year which allows you to buy the 100,000 TSH package of inputs at 50,000 TSH?

- Take the insurance.....1 Circle and go to V28.B
- Take the voucher. .... 2 Circle and go to V28C.
- I am indifferent.....3 Go to V29

B. Why do you prefer the insurance? Reason 1: \_\_\_\_\_ Reason 2: \_\_\_\_\_

- 1= the insurance gives me something any time a drought hits
- 2= droughts hit quite often, so I will get more in total
- 3=I have enough cash or can get a credit to buy 100,000 TSH worth of fertilizer now while still being able to pay back my debt as long as the rains not too bad
- 4= I typically do not buy a lot of fertilizer or modern seeds
- 5=others, specify \_\_\_\_\_

C. Why do you prefer the voucher? 1<sup>st</sup> reason: \_\_\_\_\_ 2<sup>nd</sup> reason: \_\_\_\_\_

- 1=Droughts don't come so often
- 2=Without the voucher, I will not be able to pay for the inputs now
- 3=The voucher encourages me to buy fertilizer, which I would not do otherwise given other pressing needs at planting time
- 4=Other, specify \_\_\_\_\_

\_\_\_\_\_

D. When would you use most inputs: \_\_\_\_\_  
 1=under the voucher scheme; 2=under the insurance scheme; 3=no difference

V29. To conclude, Would you rather have **50,000 TSH guaranteed in six months** than **50125/50625/51250/51750/52500TSH guaranteed in seven months** \_\_\_\_\_  
 (1=in six months 2=in seven months)?

## 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?

	D. Number now	A. Number 1 year ago	B. Acquisitions since Nov last year				C. Diminishments since Nov last year				
			(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)											

### Production of animal products over the past year (since last Nov):

H9. Did your household produce any animal or bee products last year? \_\_\_\_\_ (1=yes, 2=no). If NO, go to the HIRED LABOR 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; 2=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

## J. HIRED FARM LABOUR

J1. Did you hire workers for the farm for last year's crops (**inclusive for coffee production**)?

	1=yes
	2=no

J2. How many <b>man days</b> of hired labor did you use last year for all your crops	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 ('000 Tsh)

## K. PROCESSING OF FARM PRODUCTS

K1. Have you processed any farm products from crops/other plants **during the past year** (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		
		A1. Unit	A2. amount					
K2.								
K3.								
K4.								
K5.								
K6.								
K7.								

Production unit code	Product codes
1=kg	1=beer/wine/strong drink
2=liter	2=maize or rice flour
3=100kg bags	3=yam or cassava flour
4=20kg tins	4=oil
5=5kg tins	5=prepared/cooked food
6=bunch (specify weight in front)	6=other, specify
7=other (specify weight in front)	....

**M.COFFEE PRODUCTION AND SALES**

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

	Number of coffee trees owned that are
<b>M2a. Younger than 10 years</b>	
<b>M2b. Between 11 and 30 years old</b>	
<b>M2c. Older than 30 years old</b>	

**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	I. Total amount spent ('000 TSH) (note: total should be ≤ J3A & J3B)	
<b>M3. How many man days did you and other household members spend over the past year (2008-9 season) on</b>									<b>I1. Cash</b>	<b>I2. In kind</b>
<b>M4. How many man days from hired labour (permanent and seasonal) did you utilise over the past year (2008-9 season) on</b>										

**M5.** What was the total cash cost (TSH '000) of other variable inputs applied to coffee trees you used in last year's coffee production.  
 Fertilizer (A) \_\_\_\_\_ Spraying chemicals (B) \_\_\_\_\_ Various services (e.g. rental equipment, ...) (C) \_\_\_\_\_  
 Credit (interest paid) (D) \_\_\_\_\_ Other inputs (E) \_\_\_\_\_

**We would now like to ask you about the coffee you harvested and sold last year and this year (since the beginning of the harvest season). In particular we would like to know how much you sold to the different sales points, the different qualities you got, the price you got for it, etc.**

	M11 How much coffee did you harvest, in kg of parchment equivalent ?	M12 How often did you sell coffee (# of times)	M13 Indicate for each sale, the month you sold the coffee. If more sales use, subsequent rows. 1=Jan 2=Feb 3=March 4=April 5=May 6=June 7=July 8=August 9=September 10=October 11=November 12=December	M14 How much coffee did you sell each time (in kg of parchment equivalent)?  If one batch was sold to different parties, use different rows	M15 Whom did you sell it to?  1=primary society with sale at auction (KCB) 2=primary society with direct sale abroad (e.g. G32) 3=cooperative (KNCU, VUASU) 4=private trader 5=central pulper unit (CPU) 6=directly at the auction thru farmer's group (e.g. Mviwambi) 7= Akscg or other NGOs under special contracts 8=other, specify	M16 What was the quality of the coffee you sold If sold to the auction 1=grade 1 2=grade 2 ... 16=grade 16 17=grade 17  If processed at home 21=parchment one 22=parchment two 23=organic  If sold to CPU 31=special/premium grade 34=2 <sup>nd</sup> grade 35=3 <sup>rd</sup> grade  If sold directly abroad 36=direct sale abroad	M17 What was the price (in TSH per kg) you received		
							A. Initial price	B. Second payment, Write 88 if not applicable	C. Unit 1=parchment 2=cured coffee 3=other Write 888 if not applicable, 999 if not known
(A.) since the beginning of the harvest season this year (2009)									
(B) How much do you still expect to harvest this season									

**M19 What has been the average price (in TSh per kg parchment equivalent) that you received for your coffee during the 2007 season? \_\_\_\_\_**



**M19b** What has been the average price (in TSh per kg parchment equivalent) that you received for your coffee during the 2006 season? \_\_\_\_\_

**M19c** What has been the average price (in TSh per kg parchment equivalent) that you received for your coffee during the 2005 season? \_\_\_\_\_

**M23** On average, how is the quality of the coffee you sell today compared with 5 years ago (when we last visited you)? \_\_\_\_\_

1=much worse, 2= somewhat worse, 3=about the same, 4= somewhat better 5=much better

**M24** If it improved, why did you improve the quality and how?

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**M25** Do you know the current or most recent Moshi auction price for coffee is? (1=yes, 2=no) \_\_\_\_ If yes, how much is it (in Tsh/kg)? \_\_\_\_\_

**M26** How did you learn about the price? \_\_\_\_\_

1=radio; 2=cell phone; 3=extension agent; 4=internet; 5=cooperative; 6=farmer's group; 7=newspaper; 8=TV; 9=other

You get 15 beans which you need to distribute across the 5 bins to indicate the likelihood that the price will fall in the indicated range. The more beans you put in a bin, the higher the likelihood that you perceive the price will be in that range.	A. Below 800 Tsh/kg	B. At least 800 and less than 1250 Tsh/kg	C. At least 1250 and less than 1750Tsh/kg	D. at least 1750 and less than 2250 Tsh/kg	F. Above 2250 Tsh/kg
M28. How likely do you think that the price <b>you will get for your coffee</b> next year is in the indicated range?					

**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) \_\_\_\_\_

P2b. Does any member of your household belong to a VICOBA (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; 3=partially) If yes, go to next question; if no, go to P6A. \_\_\_\_\_

P5. If answer to above is partially or 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) \_\_\_\_\_; 9=borrowed from VICOBA) \_\_\_\_\_

P5B. If you borrowed money, how much money did you borrow for this purpose ('000 TSH)? \_\_\_\_\_

P5C1 For how many months have you borrowed the money? \_\_\_\_\_

P5C2. During a month how many times do you have to pay some interests? \_\_\_\_\_

P5C3. How much interest do you pay each month? \_\_\_\_\_

P6A. Did you need **seasonal credit to buy agricultural inputs** for the past season? (1=yes, 2=no)  
*If yes, go to next question, if no, go to P8A* \_\_\_\_\_

P6B. Did you actually try to obtain the credit? (1=yes, 2=no) *If yes go to next question, else go to P8A* \_\_\_\_\_

P6C. Were you able to obtain credit for seasonal inputs? (1=yes, 2=no, 3=partially)  
*If yes or partially, go to P7; if no, go to P8A.* \_\_\_\_\_

P7. If answer to previous question is partially or 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)\_\_\_\_\_)

\_\_\_\_\_

P7B. If you borrowed money, how much money did you borrow for this purpose ('000 TSH)?

\_\_\_\_\_

P7C1 For how many months have you borrowed the money?

\_\_\_\_\_

P7C2. During a month how many times do you have to pay some interests?

\_\_\_\_\_

P7C3. How much interest do you pay during each month?

\_\_\_\_\_

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

\_\_\_\_\_

P8B. Did you actually try to obtain the credit? (1=yes, 2=no) *If yes go to next question, else go to P10*

\_\_\_\_\_

P8C. Were you able to obtain credit for capital items? (1=yes, 2=no, 3=partially)

*If yes, go to P9; if no, go to P10*

\_\_\_\_\_

P9. If answer to previous question is partially or 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)\_\_\_\_\_)

\_\_\_\_\_

P9B. If you borrowed money, how much money did you borrow for this purpose ('000 TSH)?

\_\_\_\_\_

P9C1 For how many months have you borrowed the money?

\_\_\_\_\_

P9C2. During a month how many times do you have to pay some interests?

\_\_\_\_\_

P9C3. How much interest do you pay each month?

\_\_\_\_\_

P10. How many **outstanding loans** do various members of your household have **now** (including those from previous years? (number)

\_\_\_\_\_

P11. What is the total amount of loans your household owes now? ('000 Tsh)

\_\_\_\_\_

P13. Have you given out any loans to other people? (1=yes, 2=no)

\_\_\_\_\_

P14. If yes, what is the total amount of loans you have given out to other people now? ('000 TSH)

\_\_\_\_\_

P15. How much (average) interest do you collect on these loans per month? ('000 TSH)

\_\_\_\_\_

P16. Do you normally in a year spend for consumption less than your income? (1=yes,2=no)

Note: income includes all cash and in kind income, as well as home production; consumption includes purchased and non-purchased items.

\_\_\_\_\_

P17. If the answer to question above is yes, then what portion of your income do you save in a normal year?

(1=less than 5%, 2=at least 5 and less than 10%, 3= at least 10 and less than 20%;4= at least 20 and as much as 30%;5=more than 30%)

\_\_\_\_\_

P18. Do you keep some of your savings in cash? (1=yes, 2=no) If yes, go to P19, if no, go to P22

\_\_\_\_\_

P19. What proportion of your total savings do you normally keep in cash? (1=up to 10%, 2=more than 10%, but less than a quarter, 3= at least a quarter, but less than half; 4=half or more)

\_\_\_\_\_

P20. Do you keep some cash outside the household? (1=yes, 2=no)

\_\_\_\_\_

P21. If you keep cash outside the household, where do you keep it? 1=bank;2=sacco;3=rosca; 4=other (explain)\_\_\_\_\_; 5=vicoba

\_\_\_\_\_

P22. If you do not or only partially save in cash, what is your (other) most important form of saving?

1=buy cattle; 2=buy horses/donkey; 3=buy sheep/goat; 4=buy pigs; 5=invest in jewelry; 6=invest in land; 7=save in cereals; 8=save in coffee trees; 9=invest in buildings (e.g., house); 10=other (explain)\_\_\_\_\_.

\_\_\_\_\_

P23. Would you like to save more than you currently do? 1=yes; 2=no

\_\_\_\_\_

P.24 If yes, what are the two main reasons why you don't save more? Enumerators, please write down the answers below.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**T. MAJOR SHOCKS AND OTHER TEMPORARY EVENTS THAT NEGATIVELY OR POSITIVELY AFFECTED THE HOUSEHOLD'S LIVING CONDITIONS IN the past 5 years**

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. SHOCKS CAN HAVE A NEGATIVE EFFECT, BUT ALSO A POSITIVE EFFECT (E.G. LOTTERY, INHERITANCE, ...)

**In the past 5 years (since last survey) year have the living conditions of your household been negatively or positively been affected by any of the following [SHOCKS]? [For translator – note columns and sections dropped]**

ID		Since Nov 2004, have the living conditions of household members been affected by [SHOCK]? 1= Yes; 2=no; <b>If 2 go to next item</b>	How many times did [shock] occur?	In which years did the last two shocks occur?	
				Year 1	Year 2
T0		T1	T2	T3	T4
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)				

ID		Since Nov 2004, have the living conditions of household members been affected by [SHOCK]? 1= Yes; 2=no; <b>If 2 go to next item</b>	How many times did [shock] occur?				In which years did the last two shocks occur?	
							Year 1	Year 2
10	Eviction, loss of land (NOT SALE), e.g. following divorce, ...,							
11	Substantial post harvest maize loss							
12	Other (specify) _____							
			T5. Age	T6. Sex 1=M, 2=F	T7. Days of work lost	T8. Money spent in drugs, hospital fees, Transportation to health facility		
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							
19	Sudden family expansion (e.g. with minors) following adoption due to the death of a family member, relative or friend							

ID		Since Nov 2004, have the living conditions of household members been affected by [SHOCK]? 1= Yes; 2=no; <b>If 2 go to next item</b>	How many times did [shock] occur?	In which years did the last two shocks occur?	
				Year 1	Year 2
20	Divorce				
	<b>Positive shocks</b>				
21	Inheritance				
23	Unexpected increase in cereal price compared to the previous year				
24	Unexpected increase in cash crop price compared to the previous year				



**W. Information, trust and empowerment**

W1. Do you feel that you have the power to make important decisions that can change the course of your life for the better? \_\_\_\_\_

(1=largely unable to make such decisions; 2=somewhat unable to make such decisions; 3=neither able or unable; 4=somewhat able to make such decisions; 5=mostly able to make such decisions)

W2. How often do you listen to, read, talk to, or participate?	1=at least once a week; 2=at least once a month; 3=a couple of times a year; 4=once a year; 5=every couple of years; 6=almost never	
	A. Now	B. 5 years ago
1=Radio		
2=TV		
3=Newspaper		
4=Internet		
5=Public meetings		
6=Farmers' organizations		
7=Local government officials/extension agents		
8=Politicians		

Some people say that A: 'Most people can be trusted'. Others say, B "You can't be too careful in dealing with people'. What statement would you agree with?

W3. Code	A. Today	B. 5 yrs ago
1=I strongly agree that most people can be trusted 2=I somewhat agree that most people can be trusted 3=I don't know 4=I somewhat agree that you can't be too careful in dealing with people 5=I strongly agree that you can't be too careful in dealing with people		

## 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.

UI	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	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)	Quantity	Value ('000sh)	Quantity	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	Code	Value during 12 months ('000Tsh)
(1)	(2)	(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	

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