



United Republic of Tanzania  
National Bureau of Statistics

**CONFIDENTIAL**

## NATIONAL PANEL SURVEY

*This information is collected under the Act of the Parliament (Act No. 1 of 2002)*

*THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.*

### AGRICULTURAL QUESTIONNAIRE

#### SECTION A-1: HOUSEHOLD IDENTIFICATION

	CODE	NAME
1. REGION:	<input type="text"/>	<input type="text"/>
2. DISTRICT	<input type="text"/>	<input type="text"/>
3. WARD	<input type="text"/>	<input type="text"/>
4. VILLAGE/ENUMERATION AREA	<input type="text"/>	<input type="text"/>
5. KITONGOJI OR MTAA NAME	<input type="text"/>	<input type="text"/>
7. HOUSEHOLD ID (FROM LIST) :	<input type="text"/>	<input type="text"/>
8. NAME OF HOUSEHOLD HEAD:	<input type="text"/>	<input type="text"/>

MARK BOX WITH AN 'X' AND  
NUMBER FORMS BELOW IF YOU  
USE MORE THAN THIS SINGLE  
FORM TO COLLECT INFORMATION  
FROM THIS HOUSEHOLD. IF SO,  
BE SURE TO MARK IN THE SAME  
WAY THE OTHER FORMS USED  
FOR THIS HOUSEHOLD

☐

FORM \_\_\_\_ OF \_\_\_\_ TOTAL

9 NAME OF INTERVIEWER	.....		
10 INTERVIEWER ID	<input type="text"/>	<input type="text"/>	<input type="text"/>
11 MUDA WA KUANZA (SWAHILI)	<input type="text"/>		
12 DATE OF INTERVIEW	<input type="text"/>	<input type="text"/>	<input type="text"/>
13 NAME OF SUPERVISOR	.....		
14 SUPERVISOR ID	<input type="text"/>	<input type="text"/>	<input type="text"/>
15 DATE OF QUESTIONNAIRE INSPECTION	<input type="text"/>	<input type="text"/>	<input type="text"/>
16 NAME OF DATA ENTRY CLERK	.....		
17 DATA ENTRY CLERK ID	<input type="text"/>	<input type="text"/>	<input type="text"/>
18 DATE OF DATA ENTRY	<input type="text"/>	<input type="text"/>	<input type="text"/>
19 DATE SENT TO HQ	<input type="text"/>	<input type="text"/>	<input type="text"/>
20 DATE OF CONFIRMATION	<input type="text"/>	<input type="text"/>	<input type="text"/>

(ENUMERATOR :  
► **NEXT PAGE**)

**OBSERVATIONS ON THE INTERVIEW**

**RECORD GENERAL NOTES ABOUT THE INTERVIEW AND RECORD ANY SPECIAL INFORMATION THAT WILL BE HELPFUL FOR SUPERVISORS AND THE ANALYSIS OF THIS QUESTIONNAIRE.**

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1. HOUSEHOLD ROSTER

PLEASE COPY THE FOLLOWING INFORMATION FROM THE  
HOUSEHOLD QUESTIONNAIRE

ID	1. NAME	2. AGE  YEARS	3. SEX	4. MARK WITH 'X' THE RESPONDENT OR RESPONDENTS TO THIS QUESTIONNAIRE
			MALE 1	
			FEMALE 2	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

## 2. PLOT ROSTER

1. Did you or anyone in this household own or cultivate any plots in the long rainy season 2008?

YES.....1

NO.....2 ► Q5

A. PLEASE LIST ALL PLOTS ANYONE IN YOUR HOUSEHOLD OWNED OR CULTIVATED DURING THE 2008 LONG RAINY SEASON.

	2. PLOT NAME	3. DESCRIPTION/LOCATION	4. AREA (ACRES)
M1			
M2			
M3			
M4			
M5			
M6			
M7			

5. What year was the last completed short rainy season?

Short rainy season 2007 ... 1

Short rainy season 2008 ... 2

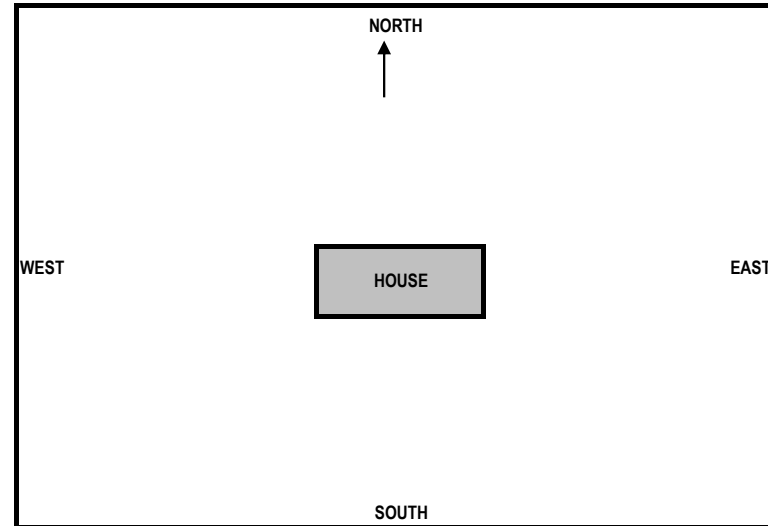
6. In addition to the plots above, did you or anyone in your household own or cultivate any plots during the last completed short rainy season [YEAR] (USE YEAR FROM Q5)?

YES.....1

NO.....2 ► 10

B. PLEASE LIST ANY ADDITIONAL PLOTS OWNED OR CULTIVATED BY ANYONE IN THE HOUSEHOLD DURING THE SHORT RAINY SEASON [YEAR] (USE YEAR FROM Q5).

	7. PLOT NAME	8. DESCRIPTION/LOCATION	9. AREA (ACRES)
V1			
V2			
V3			
V4			
V5			



Please sketch approximate location of each plot w.r.t. house and mark approximate walking distance (in minutes).

10. DID THE HOUSEHOLD OWN OR CULTIVATE ANY PLOTS IN THE LONG OR SHORT RAINY SEASONS MENTIONED IN TABLE A OR TABLE B?

YES.....1

NO.....2 SECTION 10A

### 3. PLOT DETAILS

#### 3A. LONG RAINY SEASON

1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2008.  REFER TO SECTION 2A.	2. What is the distance from [PLOT] to:	3. How did you use this plot during the long rainy season 2008?	4. What was the total income from renting out this plot during the long rainy season 2008?  INCLUDE: IN-KIND INCOME INCOME BY CROP OUTPUT FUTURE/PLANNED INCOMES ENTER 0 IF GIVEN OUT FOR FREE  ► Q7 T-SHILLINGS	5. What was the main crop cultivated on this plot in the long rainy season 2008?	6. Who decided what to plant on this plot in the long rainy season 2008?  RECORD UP TO 3 ID CODES FROM HH ROSTER AND INDICATE UP TO 1 NON-HOUSEHOLD MEMBER FROM NETWORK ROSTER
	HOME KM   ROAD KM   MARKET KM	CULTIVATED 1 ► 5 RENTED OUT 2 GIVEN OUT 3 ► 7 FALLOW 4 ► 20 FOREST 5 ► 21 OTHER 6 ► 19		CROP NAME   Code	NETWORK ROSTER ID

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2007 |\_\_| 2008 |\_\_|

#### 3B. SHORT RAINY SEASON

1a. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2008 OR THE LAST COMPLETED VULI SEASON.  REFER TO SECTIONS 2A AND 2B.	1b. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A?  YES 1 ► 36 NO 2	2. What is the distance from [PLOT] to:	3. How did you use this plot during the last completed short rainy season?  ► !	4. What was the total income from renting out this plot during the last completed short rainy season?  ► Q7	5. What was the main crop cultivated on this plot in the last completed short rainy season?	6. Who decided what to plant on this plot in the last completed short rainy season?
		HOME KM   ROAD KM   MARKET KM				

[illegible]

16. What was the type of irrigation?	17. What was the method of obtaining water?	18. What was the source of water?	19. What was the most recent year in which the plot was left fallow?	20. For how many consecutive years was this plot left fallow this last time?	21. What would the value of this plot be if it were sold today?	22. What was the ownership status of this plot in the long rainy season 2008?	23. With whom do you co-own this plot?	24. What share does your household get of the output?	25. Did anyone in the household have a title for this land?
FLOODING SPRINKLER DRIP IRRIGATION BUCKET/ WATERING CAN WATER HOSE OTHER	1 2 3 4 5 6	GRAVITY HAND BUCKET HAND/FOOT PUMP MOTOR PUMP OTHER	1 2 3 4 5	IF NEVER, ENTER 0 ► Q21 IF DON'T KNOW, ENTER "98" ► Q21 YEAR [4 digit]	NUMBER	T-SHILLINGS OWNED USED FREE OF CHARGE RENTED IN SHARED - RENT SHARED - OWN	1 ► Q25 2 ► Q33 3 ► Q30 4 ► Q29 5	NETWORK ROSTER ID NOTHING ALMOST NOTHING ONE QUARTER HALF THREE QUARTERS ALMOST ALL	1 2 3 4 5 6 YES 1 NO 2 ► Q27

16. What was the type of irrigation?	17. What was the method of obtaining water?	18. What was the source of water?	19. What was the most recent year in which the plot was left fallow?	20. For how many consecutive years was this plot left fallow this last time?	21. What would the value of this plot be if it were sold today?	22. What was the ownership status of this plot in the last completed short rainy season?	23. With whom do you co-own this plot?	24. What share does your household get of the output?	25. Did anyone in the household have a title for this land?
			► !			► !			► !

26. What type of title did your household have for this plot?	27. Who in the household owns this plot?	28. Did the owner/household have the right to sell this plot or use it as collateral?	29. With whom do you co-rent this plot?	30. How much did you pay to the owner for the use of this land in the long rainy season 2008?	31. What period of time did this payment cover?	32. What share of output from this plot did you give as rent, if any, in the long rainy season 2008?	33. Who owns the plot?
GRANTED RIGHT OF OCCUPANCY...1 CERTIFICATE OF CUSTOMARY RIGHT OF OCCUPANCY.....2 RESIDENTIAL LICENSE.....3 VILLAGE-GOVERNMENT-WITNESSED PURCHASE AGREEMENT.....4 LOCAL-COURT-CERTIFIED PURCHASE AGREEMENT.....5 INHERITANCE LETTER.....6 LETTER OF ALLOCATION FROM VILLAGE GOV'T.....7 OTHER GOVERNMENT DOCUMENT....8 OFFICIAL CORRESPONDENCE.....9 UTILITY OR OTHER BILL.....10	LIST UP TO 2 JOINT OWNERS  ID #1   ID #2	YES NO	1 2 NETWORK ROSTER ID	INCLUDE: IN-KIND PAYMENTS, PAYMENT BY CROP OUTPUT, FUTURE / PLANNED PAYMENTS, PAST PAYMENTS FOR THE LONG RAINY SEASON 2008  IF NO PAYMENT IS TO BE MADE, WRITE "0" ► Q32  T-SHILLINGS	MONTHS 1 YEARS 2	NONE 1 ALMOST NONE 2 ABOUT 25% 3 ABOUT 50% 4 ABOUT 75% 5 ALMOST ALL 6	► 35  NETWORK ROSTER ID

26. What type of title did your household have for this plot?	27. Who in the household owns this plot?	28. Did the owner/household have the right to sell this plot or use it as collateral?	29. With whom do you co-rent this plot?	30. How much did you pay to the owner for the use of this land in the last completed short rainy season?	31. What period of time did this payment cover?	32. What share of output from this plot did you give as rent, if any, in the last completed short rainy season 2008?	33. Who owns the plot?
		► !		► !			► !



ORGANIC FERTILIZER							INORGANIC FERTILIZER			
34. In which year was the plot acquired?	35. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	36. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LONG RAINY SEASON 2008?	37. Did you use any ORGANIC FERTILIZER on [PLOT] in the long rainy season 2008?	38. What was the quantity of organic fertilizer used?	39. Was any of this purchased?	40. How much was purchased?	41. What was the total value of organic fertilizer purchased?	42. Where did you buy most of the organic fertilizer?	43. Did you use any INORGANIC FERTILIZER on [PLOT] in the long rainy season 2008?	44. What type of INORGANIC FERTILIZER did you use?
YEAR (4 digit)	YES 1 NO 2	YES 1 NO 2 ► 64.	YES 1 NO 2 ► Q43	KGs	YES 1 NO 2 ► Q43	KGs	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1   2	YES 1 NO 2 ► Q49	SEE CODES IN TABLE TO THE RIGHT

ORGANIC FERTILIZER							INORGANIC FERTILIZER			
34. In which year was the plot acquired?	35. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	36. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LAST SHORT RAINY SEASON?	37. Did you use any ORGANIC FERTILIZER on [PLOT] in the last completed short rainy season?	38. What was the quantity of organic fertilizer used?	39. Was any of this purchased?	40. How much was purchased?	41. What was the total value of organic fertilizer purchased?	42. Where did you buy most of the organic fertilizer?	43. Did you use any INORGANIC FERTILIZER on [PLOT] in the last completed short rainy season?	44. What type of INORGANIC FERTILIZER did you use?
		►!	►!		►!				►!	

45. What quantity of this inorganic fertilizer did you use?	46. What was the total value of inorganic fertilizer purchased?	47. Why did you choose to use this specific type of inorganic fertilizer?	48. Where did you buy most of the INORGANIC fertilizer?
KGS	T-SHILLINGS	ADVICE BY AGRICULTURAL OFFICER 1 OWN EXPERIENCE 2 NEIGHBOUR ADVICE 3 OTHER 4	LIST UP TO TWO NETWORK ROSTER ID 1 2

- LIST OF INORGANIC FERTILIZERS**
- Di-ammoium Phosphate (DAP)...1
- UREA.....2
- Triple Super Phosphate (TSP)...3
- Calcium Ammonium Nitrate (CAN)....4
- Sulphate of Ammonium (SA)....5
- Nitrogen Phosphate Potassium (NPK)...6
- Minkingu Rock Phosphate (MRP)...7


#### PESTICIDES/HERBICIDES

49. Did you use any pesticide/ herbicide on [PLOT] in the long rainy season 2008?	50. What type of pesticide/herbicide did you apply?	51. What quantity of this pesticide/ herbicide did you use?	52. What was the total value of pesticides/ herbicides purchased?
YES 1 NO 2 ► Q55		KG 1 LITRE 2 MILLILITRE 3	
		AMOUNT	UNIT
			T-SHILLINGS


45. What quantity of this inorganic fertilizer did you use?	46. What was the total value of inorganic fertilizer purchased?	47. Why did you choose to use this specific type of inorganic fertilizer?	48. Where did you buy most of the INORGANIC fertilizer?

- LIST OF PESTICIDES/ HERBICIDES**
- PESTICIDE.....1
- HERBICIDE.....2
- FUNGICIDE.....3
- OTHER (SPECIFY)...4


#### PESTICIDES/HERBICIDES

49. Did you use any pesticide/ herbicide on [PLOT] in the last completed short rainy season?	50. What type of pesticide/herbicide did you apply?	51. What quantity of this pesticide/ herbicide did you use?	52. What was the total value of pesticides/ herbicides purchased?
► !			


INPUTS ON CREDIT													
53. Why did you choose to use this specific type of pesticide/herbicide?	54. Where did you buy most of the pesticides/ herbicides?	55. Did you receive any seeds, fertilizers, pesticides or herbicides for [PLOT] on credit to be paid later on during the long rainy agricultural season 2008?	56. What were the types of input you received on credit? LIST ALL	57. How much did you pay up front for these inputs?	58. How much did you repay in cash later on for the inputs?	59. How much did you repay in kind later on for the inputs?	60. From whom did you receive these inputs on credit?						
ADVICE BY AGRICULTURAL OFFICER	1	LIST UP TO TWO NETWORK ROSTER ID	SEEDS	1	T-SHILLINGS	T-SHILLINGS	THIS CROP (KGs) LABOR (DAYS) OTHER QUANTITY	1 2 3 CODE	NETWORK ROSTER ID	#1	#2		
OWN EXPERIENCE	2		ORGANIC FERTILIZER	2									
NEIGHBOUR ADVICE	3		INORGANIC FERTILIZER	3									
OTHER	4		PESTICIDES/HERBICIDES	4									
		YES 1 NO 2 ► 61	#1 #2 #3 #4										

INPUTS ON CREDIT													
53. Why did you choose to use this specific type of pesticide/herbicide?	54. Where did you buy most of the pesticides/ herbicides?	55. Did you receive any seeds, fertilizers, pesticides or herbicides for [PLOT] on credit to be paid later on during the last completed short rainy season?	56. What were the types of input you received on credit? LIST ALL	57. How much did you pay up front for these inputs?	58. How much did you repay in cash later on for the seeds?	59. How much did you repay in kind later on for the seeds?	60. From whom did you receive these inputs on credit?						
		► !											

HOUSEHOLD LABOR																		HIRED LABOR	
61. During the <u>long rainy season 2008</u> , how many days did [NAME] spend on the following activities on this plot?																		62. Did you hire any labor to work on this plot in the long rainy season 2008?	
Land preparation and planting?						Weeding						Harvesting							
ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	YES	1
																		NO	2 ► 64

AJIRA - KAZI ZA MALIPO																			
61. During the last completed <u>short rainy season</u> , how many days did [NAME] spend on the following activities on this plot?																		62. Did you hire any labor to work on this plot in the last completed short rainy season?	
Land preparation and planting?						Weeding						Harvesting							
ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:		

HIRED LABOR													
63. During the long rainy season 2008, how many days did your household have hired labor for this plot for [...] ?										64. WHEN WAS THE LAST SHORT RAINY SEASON?  [USE INFORMATION IN SECTION 2]		65. Did you cultivate this plot in the short rainy season 2007?	
LAND PREPARATION AND PLANTING			WEEDING			HARVESTING							
MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	OCT-DEC 2007	1	YES	1	
									OCT-DEC 2008	2	NO	2 ► Q67	

AJIRA - KAZI ZA MALIPO													
63. During the last completed short rainy season, how many days did your household have hired labor for this plot for [...] ?										64. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A?		65. WHAT YEAR WAS THE LAST COMPLETED SHORT RAINY SEASON?	
LAND PREPARATION AND PLANTING			WEEDING			HARVESTING							
MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	TOTAL WAGE PAID (TSH)	YES	1 ►	NEXT PLOT	2007	1
									NO	2		2008	2 ► Q67

66. What was the main crop cultivated on this plot in the short rainy season 2007?	67. Did you own this plot in the short rainy season 2007?	68. How did you acquire this plot for the long rainy season 2008?	69. How did you use this plot during the short rainy season 2007?	70. Did you cultivate this plot in the short rainy season 2008?	71. What was the main crop cultivated on this plot in the short rainy season 2008?	72. Did you own this plot in the short rainy season 2007?	73. Why did you not have this plot (owned or cultivated) in the short rainy season 2008?	74. How did you use this plot during the short rainy season 2008?
► NEXT PLOT		► NEXT PLOT	► NEXT PLOT		► NEXT PLOT		► NEXT PLOT	► NEXT PLOT
		BOUGHT IT 1					SOLD IT 1	
		INHERITED 2					ABANDONED 2	
		STARTED RENTING/ SHARECROPPING 3	RENTED 1				TAKEN 3	RENTED OUT 1
		CLEARED IT 4	GIVEN 2				REDISTR. BY VILLAGE 4	GIVEN OUT 2
		DISTRIBUTED BY VILLAGE 5	FALLOW 3				GIVEN AWAY 5	FALLOW 3
		RECEIVED AS GIFT 6	FOREST 4	YES 1			STOPPED RENTING/ SHARECROPPING 6	FOREST 4
CROP CODE	YES 1 ► Q69 NO 2	OCCUPIED 7	OTHER 5	NO 2 ► 72	CROP CODE	YES 1 ► Q74 NO 2		OTHER 5


66. Why did you not have this plot (own or cultivate) during the long rainy season 2008?	SOLD IT.....1	67. How did you acquire this plot for the short rainy season 2008?	BOUGHT IT 1	DISTRIBUTED BY 5
	ABANDONED.....2		INHERITED 2	VILLAGE
	TAKEN.....3		STARTED RENTING/ SHARECROPPING 3	RECEIVED AS GIFT 6
	REDISTR. BY VILLAGE.4		CLEARED IT 4	OCCUPIED 7
	GIVEN AWAY.....5			
	STOPPED RENTING/ SHARECROPPING.....6			
► NEXT PLOT				


### 3A-B. PLOT DETAILS

#### 3A. LONG RAINY SEASON

P L O T  I D	1. LIST ALL PLOTS CULTIVATED OR OWNED BY THE HOUSEHOLD DURING THE LONG RAINY SEASON 2008.  REFER TO SECTION 2.A

#### 3B. SHORT RAINY SEASON

	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN THE LONG RAINY SEASON 2008 OR THE LAST COMPLETED SHORT RAINY SEASON.  REFER TO SECTIONS 2A <u>AND</u> 2B.

#### 4A. LONG RAINY SEASON 2008

[illegible]



LOSSES							SEEDS						
11. What was the first and last month of the harvest period?   PUT "0" IN "END" IF NOT YET COMPLETE MONTH BEGIN      END	12. Have you finished the harvest?  YES      1 ► 15 NO      2	13. How many more days do you expect the harvest to last?  DAYS	14. What fraciton of the crop remains to be harvested in this period?  PERCENT	15. What was the quantity harvested?  Convert local units to kilograms KGs	16. What is the estimated value of the harvested crop?  HOW MUCH WAS HARVEST WORTH IN THE MARKET DURING HARVEST SEASON?  T-SHILLINGS	17. Were there any losses of crops before the harvest?  YES      1 NO      2 ► Q19	18. What was the cause of these losses? BIRDS      1 ANIMALS      2 INSECTS      3 DISEASES      4 THEFT      5 OTHER      6	19. Did you purchase any SEED for [CROP] in the long rainy season 2008?  YES      1 NO      2 ► Q22	20. What was the total value of seeds purchased?  T-SHILLINGS	21. Where did you buy most of the seed?  LIST UP TO TWO NETWORK ROSTER ID 1      2	22. What type of seed did you purchase?  TRADITIONAL      1 ► NEXT CROP IMPROVED      2	23. What type of improved seed did you purchase?  CERTIFIED      1 QUALITY DECLARED      2	


LOSSES							SEEDS						
11. What was the first and last month of the harvest period?	12. Have you finished the harvest?  ► !	13. How many more days do you expect the harvest to last?	14. What fraciton of the crop remains to be harvested in this period?	15. What was the quantity harvested?	16. What is the estimated value of the harvested crop?	17. Were there any losses of crops before the harvest?  ► !	18. What was the cause of these losses?	19. Did you purchase any SEED for [CROP] in the last completed short rainy season?  ► !	20. What was the total value of seeds purchased?	21. Where did you buy most of the seed?	22. What type of seed did you purchase?  ► !	23. What type of improved seed did you purchase?	


4. CROPS BY PLOT

LONG RAINY SEASON 2008

P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LONG RAINY SEASON 2008.	
		FOR EACH PLOT LIST ALL CROPS CULTIVATED.	
CODE	CODE	PLOT NAME	CROP NAME

4B. LAST COMPLETED SHORT RAINY SEASON

P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST COMPLETED SHORT RAINY SEASON.	
		FOR EACH PLOT LIST ALL CROPS CULTIVATED.	
		PLOT NAME	CROP NAME

## 5. CROPS - HOUSEHOLD TOTALS

### 5A. LONG RAINY SEASON 2008

PLEASE FILL IN THE FLAP WITH ALL CROPS CULTIVATED DURING THE LONG RAINY SEASON 2008

#### SALES

C R O P  CODE	1. Did you sell any of the [CROP] produced in the long rainy season 2008?	2. What was the quantity sold?	3. What was the total value of the sales?	4. To which persons, firms or institutions did you sell most [CROP]?  LIST UP TO TWO, START WITH LARGEST CUSTOMER	5. What quantity of [CROP] did you sell to [CUSTOMER #1]?	6. What was the total value of these sales to [CUSTOMER #1]?	7. What quantity of [CROP] did you sell to [CUSTOMER #2]?	8. What was the total value of these sales to [CUSTOMER #2]?	9. Did you transport [CROP] for sale?	10. What is the average distance you transported [CROP] for sale?	11. How many times did you transport [CROP] for sale during the long rainy season in 2008?
	YES 1 NO 2 ► Q14	KGs	T-SHILLINGS	NETWORK ROSTER ID CODE #1 #2	KGs	T-SHILLINGS	KGs	T-SHILLINGS	YES 1 NO 2 ► 14	KM	MARA

### 5B. SHORT RAINY SEASON 2008

PLEASE FILL IN THE FLAP WITH ALL CROPS CULTIVATED DURING THE LAST COMPLETED SHORT RAINY SEASON 2008

#### SALES

C R O P  CODE	1. Did you sell any of the [CROP] produced in the last completed short rainy season?	2. What was the quantity sold?	3. What was the total value of the sales?	4. To which persons, firms or institutions did you sell most [CROP]?  START WITH LARGEST CUSTOMER. LIST UP TO TWO	5. What quantity of [CROP] did you sell to [CUSTOMER #1]?	6. What was the total value of these sales to [CUSTOMER #1]?	7. What quantity of [CROP] did you sell to [CUSTOMER #2]?	8. What was the total value of these sales to [CUSTOMER #2]?	9. Did you transport [CROP] for sale?	10. What is the average distance you transported [CROP] for sale?	11. How many times did you transport [CROP] for sale during the short rainy season?
	YES 1 NO 2 ► Q14	CONVERT LOCAL UNITS INTO KILOGRAMS KGs	T-SHILLINGS	NETWORK ROSTER ID CODE #1 #2	KGs	T-SHILLINGS	KGs	T-SHILLINGS	YES 1 NO 2 ► 14	KM	MARA

POST-HARVEST LOSSES					STORAGE			
12. How did you transport [CROP]?	13. How much did you pay to transport [CROP] during the long rainy season 2008?	14. Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	15. Reason for loss	16. Out of 10 units of [CROP], how many were lost?	17. What was the value of this lost crop?	18. Do you have any of the harvest from the long rainy season 2008 in storage now?	19. How much of this harvest do you still have in storage?	20. What is your main method of storage?
ON FOOT	1		ROTTING	1				SACKS/OPEN DRUM 4
BICYCLE	2		INSECTS	2				AIRTIGHT DRUM 5
								UNPROTECTED
ANIMAL	3		RODENTS, PESTS	3				PILE 6
CAR	4		THEFT	4		YES 1	KGs	MADE STRUCTURE 2
OTHER (SPECIFY)	5	YES 1	OTHER	5	NUMBER (0-10)	NO 2 ► Q21	AMOUNT	CEILING 7
	T-SHILLINGS	NO 2 ► Q18			T-SHILLINGS			MODERN STORE 3
								OTHER 8

POST-HARVEST LOSSES					STORAGE			
12. How did you transport [CROP]?	13. How much did you pay to transport [CROP] during the short rainy season?	14. Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc?	15. Reason for loss	16. Out of 10 units of [CROP], how many were lost?	17. What was the value of this lost crop?	18. Do you have any of the harvest from the last completed short rainy season in storage now?	19. How much of this harvest do you still have in storage?	20. What is your main method of storage?
ON FOOT	1		ROTTING	1				SACKS/OPEN DRUM 4
BICYCLE	2		INSECTS	2				AIRTIGHT DRUM 5
			PESTS	3				UNPROTECTED
ANIMAL	3		THEFT	4				PILE 6
CAR	4		OTHER	5	NUMBER (0-10)	YES 1	KGs	MADE STRUCTURE 2
OTHER (SPEC)	5	YES 1			T-SHILLINGS	NO 2 ► Q21	AMOUNT	CEILING 7
	T-SHILLINGS	NO 2 ► Q18						MODERN STORE 3
								OTHER 8

21. Did you do anything to protect the stored crop?	22. What did you do?	23. When you store [CROP], what is usually the main purpose of storing it?
		FOOD FOR HOUSEHOLD
		1
	SPRAYING 1	TO SELLL AT HIGHER PRICE
		2
YES 1	SMOKING 2	SEED FOR PLANTING
		3
NO 2 ► Q23	OTHER 3	OTHER
		4

21. Did you do anything to protect the stored crop?	22. What did you do?	23. When you store [CROP], what is usually the main purpose of storing it?
		FOOD FOR HOUSEHOLD
		1
	SPRAYING 1	TO SELLL AT HIGHER PRICE
		2
YES 1	SMOKING 2	SEED FOR PLANTING
		3
NO 2 ► Q29	OTHER 3	OTHER
		4

## 5. CROPS - HOUSEHOLD TOTALS

### 5A. LONG RAINY SEASON 2008

C R O P	PLEASE LIST ALL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2008, AS LISTED IN SECTION 4
CODE	CROP NAME


### 6B. SHORT RAINY SEASON

C R O P	PLEASE LIST ALL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2008, AS LISTED IN SECTION 4
	CROP NAME


## 6. PERMANENT CROPS BY PLOT

### 6A. FRUIT TREES

P L O T	C R O P	1. PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS.  FOR EACH PLOT, LIST ALL FRUITS CULTIVATED.	2. How many of these plants/ trees are on this plot?	3. In what year were most of these plants/ trees planted?	4. How many trees/ plants were planted during the last 12 months?	5. Was cultivation intercropped during the past long rainy season?	6. Reason for intercropping?	7. What was the last completed production period for the [FRUIT]? (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, USE THE LAST 12 MONTHS)				8. What was the total amount of [FRUIT] harvested in the past 12 months?	9. Were there any losses of [FRUIT] before the harvest?	10. What was the cause of these losses?	
		FRUIT NAME	NUMBER	YEAR [4 digit]	NUMBER	YES 1	SUBSTITUTE IF EITHER CROP FAILS	1	2	3	BEGIN	END	KG	YES 1 NO ► NEXT 2	FRUIT
						NO 2 ► Q7									

### 6B. PERMANENT CROPS

P L O T	C R O P	1. PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS.  FOR EACH PLOT, LIST ALL PERMANENT CROPS CULTIVATED.	2. How many of these plants/ trees are on this plot?	3. In what year were most of these plants/ trees planted?	4. How many trees/ plants were planted during the last 12 months?	5. Was cultivation intercropped during the past long rainy season?	6. Reason for intercropping?	7. What was the last completed production period for the [FRUIT]? (IF THERE IS NO PARTICULAR PRODUCTION PERIOD, USE THE LAST 12 MONTHS)				8. What was the total amount of [CROP] harvested in the past 12 months?	9. Were there any losses of [CROP] before the harvest?	10. What was the cause of these losses?	
		CROP NAME	NUMBER	YEAR [4 digit]	NUMBER	YES 1	SUBSTITUTE IF EITHER CROP FAILS	1	2	3	BEGIN	END	KG	YES 1 NO ► NEXT 2	CROP
						NO 2 ► Q7									

## 7. PERMANENT CROPS BY CROP

### 7A. FRUIT TREES

F R U I T	1. LIST ALL FRUIT TREES REPORTED IN SECTION 6A	2. Did you sell any of the [FRUIT] collected?	3. What was the total quantity sold of the quantity collected?	4. What was the total value of [FRUIT] sold?	5. Where did you sell most of the fruit?	LOSSES						
	FRUIT NAME	Yes 1 No 2 ► Q6	KG	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1   2	6. Was any portion of the production lost post- harvest to rotting, insects, rodents, theft, etc?  YES 1 NO 2 ► Q10	7. What was the reason for this loss?				8. Out of 10 units of [FRUIT], how many were lost?  NUMBER (0-10)	9. What was the value of this lost [FRUIT]?  T-SHILLINGS
		ROTTING 1					INSECTS 2	RODENTS, PESTS 3	THEFT 4			
		OTHER 5										

1										
2										
3										
4										
5										

### 7B. PERMANENT CROPS

C R O P	1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	2. Did you sell any of the [CROP] collected?	3. What was the total quantity sold of the quantity collected?	4. What was the total value of this [CROP] sold?	5. Where did you sell most of the [CROP]?	LOSSES						
	CROP NAME	Yes 1 No 2 ► Q6	KG	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1   2	6. Was any portion of this production lost post- harvest to rotting, insects, rodents, theft, etc?  YES 1 NO 2 ► Q10	7. What was the reason for this loss?				8. Out of 10 units of [CROP] how many were lost?  NUMBER (0-10)	9. What was the value of this lost [CROP]?  T-SHILLINGS
		ROTTING 1					INSECTS 2	RODENTS, PESTS 3	THEFT 4			
		OTHER 5										

1										
2										
3										
4										
5										



### STORAGE

LIST ALL FRUIT TREES REPORTED IN SECTION 6A	10. Do you have any of this harvest in storage now?	11. How much of this harvest do you still have in storage?	12. What is your main method of storage?		13. Did you do anything to protect the stored crop?	14. What did you do?
	YES 1	KGs AMOUNT	LOCALLY MADE	SACKS/OPEN DRUM 4	YES 1	SPRAYING 1
	NO 2 ►		TRADITIONAL STRUCTURE 1	AIRTIGHT DRUM 5		
			IMPROVED LOCALLY	UNPROTECTED		
FRUIT NAME	NEXT FRUIT		MADE STRUCTURE 2	PILE 6	NO 2 ►	SMOKING 2
			MODERN STORE 3	OTHER (SPECIFY) 7	NEXT FRUIT	OTHER 3


### STORAGE

LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	10. Do you have any of this harvest in storage now?	11. How much of this harvest do you still have in storage?	12. What is your main method of storage?		13. Did you do anything to protect the stored crop?	14. What did you do?
	YES 1	KGs AMOUNT	LOCALLY MADE	SACKS/OPEN DRUM 4	YES 1	SPRAYING 1
	NO 2 ►		TRADITIONAL STRUCTURE 1	AIRTIGHT DRUM 5		
			IMPROVED LOCALLY	UNPROTECTED		
CROP NAME	NEXT CROP		MADE STRUCTURE 2	PILE 6	NO 2 ►	SMOKING 2
			MODERN STORE 3	OTHER 7	NEXT CROP	OTHER 3


## 8. OUTGROWER SCHEMES & CONTRACT FARMING

1. Did you cultivate any crops, permanent crops or fruit trees as part of an outgrower scheme or contract farming system at any time over the last 12 months? (PROBE: LIST CROPS IF RECEIVED INPUTS OR AGREED PRICE IN ADVANCE WITH LARGE BUYER)

YES 1 ☐  
NO 2 ► **SECTION 9**

### 8A. LONG RAINY SEASON 2008

2. What crops were grown as part of an outgrower scheme or contract farming system in the long rainy season 2008?	3. What farm/company did you work with in this scheme?	4. What did you agree in advance (before planting) with the buyer as part of this scheme? (LIST ALL THAT APPLY)	5. Did you sign a written contract with the buyer before planting?	6. Would you say that the buyer complied with the original agreement?	7. What were the main problems?	8. Would you say that YOU complied with the original agreement?	9. How/why did you break the agreement?
NONE ► <b>SECTION 8B</b>	NETWORK	CROP SALE PRICE 1 QUALITY OF CROP 4	YES 1	YES 1 ► <b>Q8</b>	DID NOT BUY ALL CROP 1	YES 1 ► <b>NEXT CROP</b>	SOLD ELSEWHERE 1
CROP	CODE	AMOUNT YOU PRODUCE 2 DATE OF HARVEST 5	NO 2	NO 2	DELAYS IN PAYMENT 2		PLANTED LESS 2
		AREA YOU WOULD PLANT 3 OTHER: 6			CHANGED THE PRICE 3		PRODUCED LESS 3
					OTHER 4	NO 2	OTHER 4

### 8B. LAST COMPLETED SHORT RAINY SEASON

2. What crops were grown as part of an outgrower scheme or contract farming system in the last completed short rainy season?	3. What farm/company did you work with in this scheme?	4. What did you agree in advance (before planting) with the buyer as part of this scheme? (LIST ALL THAT APPLY)	5. Did you sign a written contract with the buyer before planting?	6. Would you say that the buyer complied with the original agreement?	7. What were the main problems?	8. Would you say that YOU complied with the original agreement?	9. How/why did you break the agreement?
NONE ► <b>SECTION 8C</b>	NETWORK	CROP SALE PRICE 1 QUALITY OF CROP 4	YES 1	YES 1 ► <b>Q8</b>	DID NOT BUY ALL CROP 1	YES 1 ► <b>NEXT CROP</b>	SOLD ELSEWHERE 1
CROP	CODE	AMOUNT YOU PRODUCE 2 DATE OF HARVEST 5	NO 2	NO 2	DELAYS IN PAYMENT 2		PLANTED LESS 2
		AREA YOU WOULD PLANT 3 OTHER: 6			CHANGED THE PRICE 3		PRODUCED LESS 3
					OTHER 4	NO 2	OTHER 4

### 8C. FRUIT TREES AND PERMANENT CROPS

2. What fruit trees or permanent crops were grown as part of an outgrower scheme or contract farming system in the past 12 months?	3. What farm/company did you work with in this scheme?	4. What did you agree in advance (before planting) with the buyer as part of this scheme? (LIST ALL THAT APPLY)	5. Did you sign a written contract with the buyer before planting?	6. Would you say that the buyer complied with the original agreement?	7. What were the main problems?	8. Would you say that YOU complied with the original agreement?	9. How/why did you break the agreement?
NONE ► <b>SECTION 9</b>	NETWORK	CROP SALE PRICE 1 QUALITY OF CROP 4	YES 1	YES 1 ► <b>Q8</b>	DID NOT BUY ALL CROP 1	YES 1 ► <b>NEXT CROP</b>	SOLD ELSEWHERE 1
CROP	CODE	AMOUNT YOU PRODUCE 2 DATE OF HARVEST 5	NO 2	NO 2	DELAYS IN PAYMENT 2		PLANTED LESS 2
		AREA YOU WOULD PLANT 3 OTHER: 6			CHANGED THE PRICE 3	NO 2	PRODUCED LESS 3
					OTHER 4		OTHER 4

9. PROCESSED AGRICULTURAL PRODUCTS AND AGRICULTURAL BY-PRODUCTS

1. Did the household process any of the products harvested on the farm in the last 12 months?

YES 1 ☐  
NO 2 ► SECTION 10A

PLEASE LIST THE MAIN CROPS PROCESSED AND PROVIDE DETAILS:

2.	Crop name			3.	What is the by-product produced from this crop?		4.	What is the quantity produced in the last 12 months?  KG=1, LITRE=2		5.	Was any [BY-PRODUCT] sold?  YES 1 NO 2 ► Q10		6.	How much was sold?  KG=1, LITRE=2		7.	How much [CROP] did you use as input for the sold [BY-PRODUCT]?		8.	What was total sales in shillings?		9.	Where did you sell most of the [BY-PRODUCT] that you sold?  LIST UP TO TWO NETWORK ROSTER ID 1 2		10.	Did you incur any other expenses such as labor costs, additional inputs etc. in the production of [BY-PRODUCT]?		11.	What were the total costs of these additional expenses?	
	NAME	CROP CODE	PROCESSED...1 BY-PRODUCT..2		SEE CODES BELOW		AMOUNT	UNIT					AMOUNT	UNIT		KG			T-SHILLINGS					1	2		YES 1 NO 2 ► NEXT PRODUCT			T-SHILLINGS
1																														
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														

Q3.

CODE OF PRODUCTS

FLOUR 1  
SEED 2  
PALM OIL 3  
JUICE 4  
THREAD 5  
PULP 6  
RUBBER 7  
OTHER 8

GERESHO ZA MABAKI

MAIZE BRAN 9  
WET HUSK (WHEAT, BARLEY) 10  
RICE COVER 11  
JUICE 12  
THREAD 13  
PULP 14  
PALM OIL 15  
OUTER COVER 16  
NO WASTE 17  
OTHER 18

# 10A. LIVESTOCK

YES 1 ☐  
NO 2 ► NEXT SECTION

1. Did this household own any animals in the last 12 months?

CODE	2. Did this household own any [ANIMAL] in the last 12 months? YES 1 NO 2 ► NEXT	3. Number of [ANIMAL] owned on October 1 2008. NUMBER	4. How many [ANIMAL] does this household currently own?			5. In principal, who is responsible for keeping [ANIMAL]? INDICATE UP TO 2 PEOPLE IN HH		6. How many [ANIMAL] were born in the past 12 months? NUMBER	7. Have you sold any [ANIMAL] alive in the past 12 months? YES 1 NO 2 ► 11	8. How many [ANIMAL] have you sold alive in the past 12 months? NUMBER	9. What was the total value of sales? T-SHILLINGS	10. Where did you sell most [ANIMAL] that you sold? LIST UP TO TWO NETWORK ROSTER ID CODES		11. Did you slaughter any [ANIMAL] in the past 12 months? YES 1 NO 2 ► 15	12. How many [ANIMAL] did you slaughter in the past 12 months? NUMBER
			Indigenous	Improved Beef	Improved Dairy	1	2					1	2		
1 BULLS															
2 COWS								XXXXXXXXXXXXXXXX							
3 STEERS															
4 HEIFERS								XXXXXXXXXXXXXXXX							
5 MALE CALVES															
6 FEMALE CALVES															
7 GOATS								XXXXXXXXXXXX							
8 SHEEP								XXXXXXXXXXXX XXXXXXXXXXXX							
9 PIGS								XXXXXXXXXXXX XXXXXXXXXXXX							
10 CHICKENS								XXXXXXXXXXXX							
11 TURKEYS								XXXXXXXXXXXX XXXXXXXXXXXX							
12 RABBITS								XXXXXXXXXXXX XXXXXXXXXXXX							
13 HORSES								XXXXXXXXXXXX XXXXXXXXXXXX							
14 DONKEYS								XXXXXXXXXXXX XXXXXXXXXXXX							
15 DOGS								XXXXXXXXXXXX XXXXXXXXXXXX							
16 OTHER _____								XXXXXXXXXXXX XXXXXXXXXXXX						XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX

# 10A. LIVESTOCK

CODE	13. How many of the [ANIMAL] slaughtered did you sell?  IF '0' ► Q15 NUMBER	14. What was the total value of the sold slaughtered [ANIMAL]?  T-SHILLINGS	15. Did you hire any labor to help you with the [ANIMAL] in the past 12 months?  YES 1 NO 2 ► 17	16. What was the total cost of this labor for [ANIMAL] in the past 12 months?  T-SHILLINGS	17. Did you purchase any fodder for your [ANIMAL] in the past 12 months?  YES 1 NO 2 ► 19	18. What was the total cost of this fodder for [ANIMAL] in the past 12 months?  T-SHILLINGS	19. Have you lost any [ANIMAL] to DISEASE in the past 12 months?  YES 1 NO 2 ► 22	20. How many [ANIMAL] have you lost to DISEASE in the past 12 months?  NUMBER	21. What was the value of these [ANIMAL]s lost to disease?  T-SHILLINGS	22. Have you lost any [ANIMAL] to THEFT in the past 12 months?  YES 1 NO 2 ► 25
1	BULLS									
2	COWS									
3	STEERS									
4	HEIFERS									
5	MALE CALVES									
6	FEMALE CALVES									
7	GOATS									
8	SHEEP									
9	PIGS									
10	CHICKENS									
11	TURKEYS									
12	RABBITS									
13	HORSES									
14	DONKEYS									
15	DOGS									
16	OTHER _____	xxxxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxx							

# 10A. LIVESTOCK

	23. How many [ANIMAL] have you lost to THEFT in the past 12 months?	24. What was the value of these [ANIMAL]s lost to THEFT?	25. What kind of diseases did [ANIMAL] suffer in the past 12 months? REFER TO CODES GIVEN	26. Are your [ANIMAL] vaccinated?	27. Where did you vaccinate [ANIMAL]?	28. Against which diseases did you vaccinate your [ANIMAL]?
CODE	NUMBER	T-SHILLINGS	#1   #2   #3   #4	YES, ALL YES, SOME NO ► NEXT ROW	PRIVATE VET CLINIC 1 DISTRICT VET CLINIC 2 NGO/PROJECT 3 OTHER 4	#1   #2   #3   #4

1	BULLS										
2	COWS										
3	STEERS										
4	HEIFERS										
5	MALE CALVES										
6	FEMALE CALVES										
7	GOATS										
8	SHEEP										
9	PIGS										
10	CHICKENS										
11	TURKEYS										
12	RABBITS										
13	HORSES										
14	DONKEYS										
15	DOGS										
16	OTHER _____										

<b>Q25. DISEASES</b>											
Brucellosis											
(Ugonjwa wa Kutupa Mimba).....1											
CBPP (Homa ya Mapafu).....2											
Lumpy Skin Disease (Mapelengozi)....3											
CCPP (Homa ya Mapafu kwa mbuzi)....4											
ECF (Ndigana Kali).....5											
Rabies (Kichaa cha Mbwa).....6											
FMD (Ugonwa wa Miguu na Midomo)....7											
Anthrax (Kimeta).....8											
BQ (Chambavu).....9											
New castle Disease (Kideli/Mdondo).10											
Small Pox (Ndui).....11											
Gomboro (Gumboro).....12											
Helminthiosis.....13											
ASF (Homa ya Nguruwe).....14											
Tick Borne Disease.....15											
Typanosomiasis.....16											
Foot Rot.....17											
CCPP.....18											
Tetanus.....19											
Mange.....20											
Anaemia.....21											
Not sick.....22											

<b>Q28. DISEASES</b>											
Brucellosis											
(Ugonjwa wa Kutupa Mimba).....1											
CBPP (Homa ya Mapafu).....2											
Lumpy Skin Disease (Mapelengozi)....3											
CCPP (Homa ya Mapafu kwa mbuzi)....4											
ECF (Ndigana Kali).....5											
Rabies (Kichaa cha Mbwa).....6											
FMD (Ugonwa wa Miguu na Midomo)....7											
Anthrax (Kimeta).....8											
BQ (Chambavu).....9											
New castle Disease (Kideli/Mdondo).10											
Small Pox (Ndui).....11											
Gomboro (Gumboro).....12											
Not vaccinated.....13											

## 10B. LIVESTOCK BY-PRODUCTS

CODE	PRODUCT	1. Did your household produce any [PRODUCT] in the last 12 months? Any other by-products from keeping livestock?	2. During the last 12 months, for how many months did your household produce any [PRODUCT]?	3. During these months, what was the average quantity of [PRODUCT] produced per month?		4. Did you sell any of the [PRODUCT] that you produced in the last 12 months?	5. How much of the [PRODUCT] produced in the last 12 months?		6. What was the total value of sales of [PRODUCT] in the last 12 months?	7. Where did you sell most [PRODUCT] that you sold?	
		YES 1 NO 2 ► NEXT	NUMBER	LITRES 1	YES 1 NO 2 ► NEXT	LITRES 1	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID CODE 1 2			
				KGs 2		KG 2					
				PIECES 3		PIECES 3					
				QUANTITY	UNIT		QUANTITY	UNIT			
1	COW MILK (TRADITIONAL)										
2	COW MILK (IMPROVED)										
3	CHICKEN EGGS (TRADITIONAL)										
4	CHICKEN EGGS (IMPROVED)										
5	HONEY										
6	SKINS AND HIDES										
7	OTHER _____										
8	OTHER _____										
9	OTHER _____										

# 11. FARM IMPLEMENTS AND MACHINERY

IF HOUSEHOLDS CULTIVATES NO PLOTS, ► SECTION 12.

PLEASE GIVE DETAILS OF FARM IMPLEMENTS USED OR OWNED BY THE HOUSEHOLD IN THE PAST 12 MONTHS

ITEM	1. How many [ITEM] does the household own?  IF '0' ► Q3	2. What is the value of the [ITEM] if sold?	3. Did the household own [ITEM] during the last agricultural season?	4. Did you use [ITEM] in the last agricultural season?	5. What was the reason for not using [ITEM]?  No need for one 1 Needs repair/sick 2 Lent to others 3 Rented to others 4 Other 5	6. Did your household rent or borrow any [ITEM] for use in the last agricultural season?  YES 1 NO 2 ► NEXT	7. How many [ITEM] did the household rent or borrow in the last agricultural season?	8. Where did your household rent or borrow [ITEM] from last agricultural season?  NETWORK ROSTER ID CODE	9. How much did your household pay to rent or borrow [ITEM] last agricultural season?  T-SHILLINGS
	NUMBER	SHILLINGS	YES 1 NO 2 ► Q6	YES 1 ► Q6 NO 2			NUMBER		
1 HAND HOE									
2 HAND-POWERED SPRAYER									
3 OXEN									
4 OX PLOUGH									
5 OX SEED PLANTER									
6 OX CART									
7 TRACTOR									
8 TRACTOR PLOUGH									
9 TRACTOR/HARROW									
10 SHELLER THRESHER									
11 WATERING CAN									
12 FARM BUILDINGS/ STORAGE FACILITIES									
13 GERI CANS/DRUMS									



## 12. FISHERY AND AQUACULTURE

1. Did anyone in this household do any fishing or operate a fish farm in the last 12 months?

1 YES ☐

### OWNERSHIP OF FISHING EQUIPMENT

2 NO ► NEXT SECTION

	ITEM	2. In the past 12 months, did you own part or all of any of the following fishing equipment?  YES 1 NO 2 ► NEXT	3. If you wanted to sell your [ITEM] (or your share of it) how much could you get for it/them?  T-SHILLINGS	4. Did you sell any of [ITEM] (or your share of it) in the last 12 months?  YES 1 NO 2 ► Q6	5. How much did you receive for the sale of the(se) [ITEM] or your share of it/them?  T-SHILLINGS	6. Did you purchase any [ITEM] (or a share of it/them) in the past 12 months?  YES 1 NO 2 ► Q8	7. How much did it cost you for the purchase of [ITEM]?  T-SHILLINGS	8. Did you have any expenses of the repair of this [ITEM] in the past 12 months?  YES 1 NO 2 ► NEXT	9. How much did you spend on the repair of [ITEM] in the past 12 months?  T-SHILLINGS
1	BOATS								
2	MOTORS								
3	TRAWLING NETS / STATIONARY NETS								
4	SMOKER OR DRIER								
5	FISHING LINES AND HOOKS								
6	PADDLES								
7	PRESSURE LAMPS								
8	OTHER _____								

### METHODS: INCOME AND LOCATION

		10. In the past 12 months (since ...) did your household do any [...] fishing?  [INCLUDE USE BY OTHER HOUSEHOLD MEMBERS OR EMPLOYEES]  YES 1 NO 2 ► NEXT	11. In how many of the last 12 months did your household engage in [METHOD]?  NO. OF MONTHS	12. During those months, how many days per week did your household fish using [METHOD] on average?  DAYS PER WEEK	13. What was the average quantity of your <b>daily</b> catch using [METHOD] during those months?  KGs	14. How much, if any, of the daily catch using [METHOD] did you sell, either as fresh fish or as smoked or dried fish.  IF NONE, PUT "0" ► NEXT METHOD KGs	15. How much did you and other household members receive <b>per day</b> for the sale of fresh fish on the days that you used [METHOD] before subtracting expenses?  T-SHILLINGS
1	HOOK FISHING						
2	TRAWLING NET FISHING						
3	STATIONARY NET FISHING						
4	"UZIO" FISHING METHOD						
5	OVERNIGHT FISH TRAPPING						

	16. Where does your household undertake this fishing?	17. Who owns the location?	18. What is the source of fingerling?	19. How many times per year is the location stocked?	20. Who does your household mainly sell the fish from this locaiton to?  ENTER '98' IF DOES NOT SELL   LIST UP TO TWO NETWORK ROSTER ID CODE	
	RIVER/STREAM 1 ► Q20					
	NATURAL LAKE 2 ► Q20					
	SEA 3 ► Q20					
	DUG OUT POND 4					
	WATER RESERVOIR 5					
OTHER 6	HOUSEHOLD 1	OWN POND 1	NEIGHBOUR 4	NUMBER PER YEAR	1	2
Location 1						
Location 2						

#### FISH BY-PRODUCTS

21. In addition to selling fresh fish, did you, or any members of your household, smoke or dry for sale any fish caught by any method in the past 12 months?	22. In the last 12 months, how many KGs of fish were smoked/dried and sold?	23. In the past 12 months, how much did you earn per month from selling fish before deductions of running costs?
YES 1	KGs	T-SHILLINGS
NO 2 ► Q23		

#### INPUT EXPENDITURES

	24. In how many of the past 12 months did your household purchase [ITEM] for the household's fishing activities?	25. During those months, about how much did your household spend on [ITEM] per month?	26. How many man-days did this payment cover in the average month?
ITEM	NUMBER	T-SHILLINGS	DAYS
1 LABOR ON SHORE			
2 LABOR IN BOAT			
3 SMOKING OR DRYING			XXXXXXXXXX
4 AUCTION FEES			XXXXXXXXXX
5 TAXES			XXXXXXXXXX
6 FEES (eg MARKET FEES)			XXXXXXXXXX
7 WICKS			XXXXXXXXXX
8 RENT FOR STORAGE			XXXXXXXXXX
9 TRANSPORTATION			XXXXXXXXXX

		27. In how many of the past 12 months did your household purchase [ITEM] for the households fishing activities?	28. During those months, about how much did your household spend on [ITEM] per month?
	ITEM	NO. OF MOS	T-SHILLINGS
10	PETROL AND DIESEL FUEL		
11	KEROSENE		
12	BAIT		
13	LICENSES		
14	BUOYS		
15	THREAD FOR SEWING NET		
16	BEESWAX		
17	OTHER		

### 13. EXTENSION

SOURCE	1. Did you receive advice for your agricultural/livestock activities from any of the following sources in the past 12 months?	2. Did you receive any advice from [SOURCE] about...?						3. How would you rate the advice received?	4. Did you pay anything in order to receive the advice?	5. How much did you pay?	6. How many times did someone from [SOURCE] visit your farm in the past 12 months?
	YES 1 NO 2 ► NEXT ROW	YES 1 NO 2						GOOD 1 AVERAGE 2 BAD 3	YES 1 NO ► Q6 2	T-SHILLINGS	[PUT 0 IF NEVER]
	A. Agricultural production	B. Agro-processing	C. Marketing	D. Fishing Production	E. Livestock Production	F. Prevention of Livestock diseases					

1	GOVERNMENT EXTENSION										
2	NGO										
3	COOPERATIVE/FARMER'S ASSOCIATION										
4	LARGE SCALE FARMER										
5	OTHER										

SOURCE	7. In the past 12 months did anyone in your household receive any information about agricultural prices from [SOURCE]?	8. Did you pay anything in order to receive the advice?	9. How much did you pay?
	YES 1 NO 2 ► NEXT ROW	YES 1 NO 2 ► NEXT ROW	T-SHILLINGS

1	GOVERNMENT EXTENSION		
2	NGO		
3	COOPERATIVE/FARMER'S ASSOCIATION		
4	LARGE SCALE FARMER		
5	RADIO	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
6	PUBLICATION		
7	NEIGHBOUR		
8	OTHER		

10 Have you received a government voucher to purchase any inputs in the last 12 months?	11 What type of voucher did you receive? LIST ALL THAT APPLY FERTILIZER - DAP OTHER FERTILIZER MAIZE SEEDS OTHER SEEDS	12 When did you receive the voucher?
YES 1 NO 2 ► END	1 2 3 4	DAY MONTH

13 Have you redeemed the voucher?	14 Where did you redeemed the voucher?	15 How much did you pay in cash for the inputs covered by the voucher?
YES 1 NO 2 ► END	NETWORK ROSTER CODE	T-SHILLINGS

TIME OF END OF INTERVIEW  
(SWAHILI TIME)

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## NETWORK ROSTER CARD

ID	1. NAME	2. CODE	3. LOCATION
N1			
N2			
N3			
N4			
N5			
N6			
N7			
N8			
N9			
N10			
N11			
N12			
N13			
N14			
N15			

### Q3 CODES

WITHIN THE VILLAGE	1
NEAR THE VILLAGE	2
NEAR THE TOWN	3
OTHER DISTRICT	4
OTHER REGION	5
ACROSS THE BORDER	6

### Q2 CODES

RELATIVE	1	FACTORY	11
NEIGHBOR	2	EMPLOYER	12
MARKET	3	RELIGIOUS INSTI.	13
OPEN MARKET	4	BANK (COMMERICAL)	14
COOPERATIVE UNION	5	GROCERY/LOCAL MERCHANT	15
FARMERS PARTY	6	MONEY LENDER	16
MAIN PLOT/FARM	7	NGO	17
PRIVATE BUSINESS PERSON	8	DISTRIBUTION OFFICIER	18
MAIN MARKET	9	MARKET	19
BUSINESS CONTACT	10	OTHER _____	20

### Permanent Crops:

Code Crop Ground  
area/plant  
70 Passion Fruit  
71 Banana  
72 Avocado  
73 Mango  
74 Papaw  
76 Orange  
77 Grapefruit  
78 Grapes  
79 Mandarin  
80 Guava  
81 Plums  
82 Apples  
83 Pears  
84 Peaches  
85 Lime/lemon  
68 Pomelo  
69 Jack fruit  
97 Durian  
98 Bilimbi  
99 Rambutan  
67 Bread fruit  
38 Malay apple  
39 Star fruit

### Permanent (Cash crops)

Code Crop Ground  
area/plant  
53 Sisal  
54 Coffee  
55 Tea  
56 Cocoa  
57 Rubber  
58 Wattle  
59 Kapok  
60 Sugar Cane  
61 Cardamom  
63 Tamarin  
64 Cinamon  
65 Nutmeg  
66 Clove  
18 Black Pepper  
34 Pigeon pea  
21 Cassava  
75 Pineapple  
44 Palm Oil  
45 Coconut  
46 Cashewnut

### 998 OTHER

### Crop Codes (Cereals /tubers/roots):

Code Crop  
11 Maize  
12 Paddy  
13 Sorghum  
14 Bulrush Millet  
15 Finger Millet  
16 Wheat  
17 Barley  
22 Sweet Potatos  
23 Irish potatoes  
24 Yams  
25 Cocoyams  
26 Onions  
27 Ginger

### Crop Codes

#### Legumes Oil & fruit:

Code Crop  
31 Beans  
32 Cowpeas  
33 Green gram  
35 Chick peas  
36 Bambara nuts  
37 Field peas  
41 Sunflower  
42 Simsim  
43 Groundnut  
47 Soyabeans  
48 Caster seed

### Cash Crop Codes:

Code Crop  
50 Cotton  
51 Tobacco  
53 Pyrethrum  
62 Jute  
19 Seaweed

### Vegetable Codes:

Code Crop  
86 Cabbage  
87 Tomatoes  
88 Spinach  
89 Carrot  
90 Chillies  
91 Amaranths  
92 Pumpkins  
93 Cucumber  
94 Egg Plant  
95 Water Mellon  
96 Cauliflower  
100 Okra  
101 Fiwi