



United Republic of Tanzania
National Bureau of Statistics

CONFIDENTIAL

NATIONAL PANEL SURVEY (NPS 2010-2011)

*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"/>
3. WARD	<input type="text"/> <input type="text"/> <input type="text"/>
4. VILLAGE/ENUMERATION AREA	<input type="text"/> <input type="text"/> <input type="text"/>
5. KITONGOJI OR MTAA NAME	
6. HOUSEHOLD ID (FROM LIST) :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
7. NAME OF HOUSEHOLD HEAD:	
8. NAME OF HOUSEHOLD HEAD FROM NPS YEAR 1:	
9. FULL HOUSEHOLD IDENTIFICATION FROM NPS YEAR 1:		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <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

10. NAME OF INTERVIEWER
 11. INTERVIEWER ID

--	--	--

 12. MUDA WA KUENZA (SWAHILI)

	:	
--	---	--

 13. DATE OF INTERVIEW

/	/	
---	---	--

 (ENUMERATOR :
 ► ***NEXT PAGE***)
 14. NAME OF SUPERVISOR
 15. SUPERVISOR ID

--	--	--

 16. DATE OF QUESTIONNAIRE INSPECTION

/	/	
---	---	--

 17. NAME OF DATA ENTRY CLERK
 18. DATA ENTRY CLERK ID

--	--	--

 19. DATE OF DATA ENTRY

/	/	
---	---	--

 20. 2ND DATA ENTRY CLERK ID

--	--	--

 21. DATE OF 2ND DATA ENTRY

/	/	
---	---	--

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 MEMBER ROSTER

PLEASE COPY THE FOLLOWING INFORMATION FROM THE HOUSEHOLD QUESTIONNAIRE

ID	1. NAME	2. AGE YEARS	3. SEX MALE . . . 1 FEMALE . 2	4. MARK WITH 'X' THE RESPONDENT OR RESPONDENTS TO THIS QUESTIONNAIRE
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 2010? YES.....1 NO.....2 ▶ 11

A.	PLEASE LIST ALL PLOTS ANYONE IN YOUR HOUSEHOLD OWNED OR CULTIVATED DURING THE 2010 LONG RAINY SEASON.					7. PLOT MEASURED? YES...1 ▶9 NO...2	8. WHY WAS THE PLOT NOT MEASURED? ▶ NEXT PLOT TOO FAR...1 REFUSED...2 OTHER, SPECIFY...3	9. AREA (ACRES) GPS MEASUREMENT	10. WEATHER CONDITIONS AT MEASUREMENT USE CODES
	2. PLOT NAME	3. DESCRIPTION/LOCATION	4. AREA (ACRES) FARMER'S ESTIMATE	5. PLOT NO. IN 2008/2009 NPS.	6. GPS LOCATION (RECORD GPS LOCATION FROM THE CORNER WHERE YOU BEGAN THE MEASUREMENT.)				
M1									
M2									
M3									
M4									
M5									
M6									
M6									

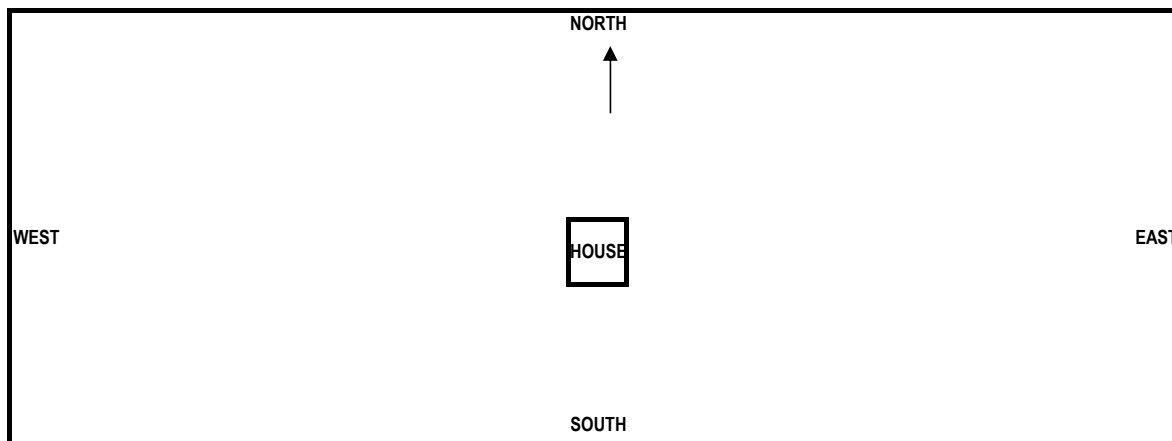
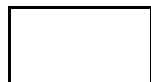
11. What year was the last completed short rainy season?	Short rainy season 2009..1 <input type="checkbox"/>	Short rainy season 2010..2 <input type="checkbox"/>	12. In addition to the plots above, did you or anyone in your household own or cultivate any plots during the last completed short rainy season [YEAR] (USE YEAR FROM Q11)?	YES..1 <input type="checkbox"/>	NO...2 <input type="checkbox"/>
--	---	---	---	---------------------------------	---------------------------------

- CODES FOR Q10 & Q21
- Clear/ Sunny.....1
 - Mostly Clear / Mostly Sunny.....2
 - Partly Cloudy / Partly Sunny.....3
 - Mostly Cloudy / Considerable Cloudiness..4
 - Completely Cloudy.....5
 - Rainy.....6

B. PLEASE LIST ANY ADDITIONAL PLOTS OWNED OR CULTIVATED BY ANYONE IN THE HOUSEHOLD DURING THE SHORT RAINY SEASON [YEAR] (USE YEAR FROM Q11).												
13.	14.	15.	16.	17.	18.	19.	20.	21.				
PLOT NAME	DESCRIPTION/LOCATION	AREA (ACRES) FARMER'S ESTIMATE	PLOT NUMBER IN 2008/2009 NPS.	GPS LOCATION	PLOT MEAS- URED? YES...1 ▶20 NO...2	WHY WAS THE PLOT NOT MEASURED? ▶ NEXT PLOT TOO FAR.....1 REFUSED.....2 OTHER, SPECIFY.3	AREA (ACRES) GPS MEASUREMENT	WEATHER CONDITIONS AT MEASURE- MENT	USE CODES			
V1												
V2												
V3												
V4												

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

YES...1



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

3. PLOT DETAILS

3A. LONG RAINY SEASON

P L O T I D	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2010. REFER TO SECTION 2A.	2. What is the distance from [PLOT] to:	3. How did you use this plot during the long rainy season 2010?	4. What was the total income from renting out this plot during the long rainy season 2010?	5. Was any of this income collected in kind?	6. What percentage was collected in kind?	7. What was the main crop cultivated on this plot in the long rainy season 2010?	8. Who decided what to plant on this plot in the long rainy season 2010?
		HOME ROAD MARKET KM KM KM	CULTIVATED . 1 ▶7 RENTED OUT . 2 GIVEN OUT . . 3 ▶9 FALLOW 4 ▶22 FOREST 5 ▶23 OTHER, SPECIFY . . 6 ▶21	INCLUDE: IN-KIND INCOME INCOME BY CROP OUTPUT FUTURE/ PLANNED INCOMES TSH	YES . . . 1 NO 2 ▶ 9	▶ 9		RECORD UP TO 3 ID CODES FROM HH ROSTER AND INDICATE UP TO 1 NON-HOUSEHOLD MEMBER FROM NETWORK ROSTER
						PERCENTAGE	CROP NAME Code	ID #1 ID #2 ID #3 NETWORK ROSTER ID

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2009 |__| 2010 |__|

3B. SHORT RAINY SEASON

1a. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2010 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 ▶ 38 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?	5. Was any of this income collected in kind?	6. What percentage was collected in kind?	7. What was the main crop cultivated on this plot in the last completed short rainy season?	8. Who decided what to plant on this plot in the last completed short rainy season?
		HOME ROAD MARKET KM KM KM	▶ !		▶ !	▶ !	CROP NAME Code	ID #1 ID #2 ID #3 NETWORK ROSTER ID

P L O T I D	9. What was the soil type of this plot?	10. What was the soil quality of this plot?	11. How do you know the quality of the soil?	12. Were there any problems with erosion on this plot in the long rainy season 2010?	13. What was the cause of these erosion problems?	14. Was there any erosion control/water harvesting facility on this plot in the long rainy season 2010?	15. What type of erosion control/water harvesting facility was on this plot?	16. How steep is the slope of this plot?	17. Was this plot irrigated in the long rainy season 2010?
	SANDY.....1 LOAM.....2 CLAY.....3 OTHER, SPECIFY..4	GOOD....1 AVERAGE..2 BAD.....3	SCIENTIFICALLY TESTED.....1 OWN EXPERIENCE..2 OTHER, SPECIFY.....3	YES...1 NO....2 ▶ 14	WIND.....1 RAIN.....2 ANIMALS.....3 CULTIVATION WHICH DOES NOT COMPLY WITH SOIL CONSERVATION..4 OTHER, SPECIFY.5	YES...1 NO....2 ▶ 16	TERRACES.....1 EROSION CONTROL BUNDS..2 GABIONS / SANDBAGS....3 VETIVER GRASS.....4 TREE BELTS.....5 WATER HARVEST BUNDS...6 DRAINAGE DITCHES.....7 DAM.....8 LIST MAIN TWO 1st 2nd	FLAT BOTTOM..1 FLAT TOP....2 SLIGHTLY SLOPED.....3 VERY STEEP...4	YES...1 NO....2 ▶ 21

9. What was the soil type of this plot?	10. What was the soil quality of this plot in the last completed short rainy season?	11. How do you know the quality of the soil?	12. Were there any problems with erosion on this plot? ▶ !	13. What was the cause of these erosion problems?	14. Was there any erosion control/water harvesting facility on this plot in the last completed short rainy season? ▶ !	15. What type of erosion control/water harvesting facility was on this plot?	16. How steep was the slope of this plot?	17. Was this plot irrigated in the last completed short rainy season? ▶ !
--	---	---	--	--	--	---	--	---

P L O T I D	18. What was the type of irrigation?	19. What was the method of obtaining water?	20. What was the source of water?	21. What was the most recent year in which the plot was left fallow?	22. For how many consecutive years was this plot left fallow this last time?	23. What would the value of this plot be if it were sold today?	24. What was the ownership status of this plot in the long rainy season 2010?	25. With whom do you co-own this plot?	26. What share does your household get of the output?	27. Did anyone in the household have a title for this land?
	FLOODING.....1 SPRINKLER.....2 DRIP IRRIGATION...3 BUCKET / WATERING CAN.4 WATER HOSE....5 OTHER, SPECIFY.....6	GRAVITY.....1 HAND BUCKET..2 HAND/FOOT PUMP.....3 MOTOR PUMP...4 OTHER, SPECIFY.....5	WELL.....1 BOREHOLE....2 POND/TANK ..3 RIVER / STREAM....4 OTHER, SPECIFY...5	IF NEVER, ENTER 0 ▶ 23 IF DON'T KNOW, ENTER "98" ▶ 23 YEAR [4 digit]	NUMBER	T-SHILLINGS	OWNED.....1 ▶ 27 USED FREE OF CHARGE.2 ▶ 35 RENTED IN.....3 ▶ 32 SHARED - RENT.....4 ▶ 31 SHARED - OWN.....5	NETWORK ROSTER ID	NOTHING.....1 ALMOST NOTHING.2 ONE QUARTER...3 HALF.....4 THREE QUARTERS.5 ALMOST ALL.....6	YES...1 NO....2 ▶ 29

18. What was the type of irrigation?	19. What was the method of obtaining water?	20. What was the source of water?	21. What was the most recent year in which the plot was left fallow?	22. For how many consecutive years was this plot left fallow this last time?	23. What would the value of this plot be if it were sold today?	24. What was the ownership status of this plot the last completed short rainy season?	25. With whom do you co-own this plot?	26. What share does your household get of the output?	27. Did anyone in the household have a title for this land?
			▶!			▶!			▶!

P L O T I D	28. What type of title did your household have for this plot?	29. Who in the household owns this plot?	30. Did the owner/household have the right to sell this plot or use it as collateral?	31. With whom do you co-rent this plot?	32. How much did you pay to the owner for the use of this land in the long rainy season 2010?	33. What period of time did this payment cover?	34. What share of output from this plot did you give as rent, if any, in the long rainy season 2010?	35. 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...1 NO....2	 NETWORK ROSTER ID	 IF NO PAYMENT IS TO BE MADE, WRITE "0" ▶ 34 T-SHILLINGS	 MONTHS 1 YEARS 2	 NONE.....1 ALMOST NONE.2 ABOUT 25%...3 ABOUT 50%...4 ABOUT 75%...5 ALMOST ALL...6	 ▶ 37 NETWORK ROSTER ID

	28. What type of title did your household have for this plot?	29. Who in the household owns this plot?	30. Did the owner/household have the right to sell this plot or use it as collateral?	31. With whom do you co-rent this plot?	32. How much did you pay to the owner for the use of this land in the last completed short rainy season?	33. What period of time did this payment cover?	34. What share of output from this plot did you give as rent, if any, in the last completed short rainy season 2010?	35. Who owns the plot?
			 ▶ !		 ▶ !			 ▶ !

P L O T I D	ORGANIC FERTILIZER								INORGANIC FERTILIZER	
	36. In which year was the plot acquired? YEAR [4 digit]	37. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it? YES...1 NO...2	38. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LONG RAINY SEASON 2010? YES...1 NO...2 ▶ 73	39. Did you use any ORGANIC FERTILIZER on [PLOT] in the long rainy season 2010? YES...1 NO...2 ▶ 45	40. What was the quantity of organic fertilizer used? KGs	41. Was any of this purchased? YES...1 NO...2 ▶ 45	42. How much was purchased? KGs	43. What was the total value of organic fertilizer purchased? T-SHILLINGS	44. Where did you buy most of the organic fertilizer? LIST UP TO TWO NETWORK ROSTER ID 1 2	45. Did you use any INORGANIC FERTILIZER on [PLOT] in the long rainy season 2010? YES...1 NO...2 ▶ 58

P L O T I D	ORGANIC FERTILIZER								INORGANIC FERTILIZER	
	36. In which year was the plot acquired?	37. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	38. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LAST SHORT RAINY SEASON? ▶ !	39. Did you use any ORGANIC FERTILIZER on [PLOT] in the last completed short rainy season? ▶ !	40. What was the quantity of organic fertilizer used?	41. Was any of this purchased? ▶ !	42. How much was purchased?	43. What was the total value of organic fertilizer purchased?	44. Where did you buy most of the organic fertilizer?	45. Did you use any INORGANIC FERTILIZER on [PLOT] in the last completed short rainy season? ▶ !

INORGANIC FERTILIZER

P L O T I D	47. What quantity of [FERTILIZER] did you use?	48. Did you receive a voucher/certificate for any of this [FERTILIZER]?	49. What was the total value of [FERTILIZER] purchased?	50. Why did you choose to use this specific type of inorganic fertilizer?	51. Where did you buy most of the [FERTILIZER]?	52. Did you use any other INORGANIC FERTILIZER on [PLOT] in the long rainy season 2010?	53. What is the other type of INORGANIC FERTILIZER you used on this plot?	54. What quantity of [FERTILIZER] did you use?	55. Did you receive a voucher/certificate for any of this [FERTILIZER] ?	56. What was the total value of [FERTILIZER] purchased?	57. Where did you buy most of the [FERTILIZER]?	
	KGS	YES...1 NO....2	T-SHILLINGS	ADVICE BY AGRICULTURAL OFFICER.....1 RECEIVED VOUCHER..2 OWN EXPERIENCE....3 NEIGHBOUR ADVICE..4 OTHER, SPECIFY....5	LIST UP TO TWO NETWORK ROSTER ID 1 2	YES...1 NO....2 ▶ 58	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 Minjingu Rock Phosphate (MRP)...7	KGS	YES...1 NO....2	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1 2	

INORGANIC FERTILIZER

	47. What quantity of [FERTILIZER] did you use?	48. Did you receive a voucher/certificate for any of this [FERTILIZER]?	49. What was the total value of [FERTILIZER] purchased?	50. Why did you choose to use this specific type of inorganic fertilizer?	51. Where did you buy most of the [FERTILIZER]?	52. Did you use any other INORGANIC FERTILIZER on [PLOT] in the long rainy season 2010?	53. What is the other type of INORGANIC FERTILIZER you used on this plot?	54. What quantity of [FERTILIZER] did you use?	55. Did you receive a voucher/certificate for any of this [FERTILIZER] ?	56. What was the total value of [FERTILIZER] purchased?	57. Where did you buy most of the [FERTILIZER]?
						▶ !					

P L O T I D	PESTICIDES/HERBICIDES				INPUTS ON CREDIT				
	58. Did you use any pesticide/ herbicide on [PLOT] in the long rainy season 2010? YES...1 NO...2 ▶ 64	59. What was the main type of pesticide/herbicide that you applied? PESTICIDE.....1 HERBICIDE.....2 FUNGICIDE.....3 OTHER (SPECIFY) .4	60. What quantity of this pesticide/ herbicide did you use? KG.....1 LITRE.....2 MILLILITRE..3	61. What was the total value of this pesticides/ herbicides purchased? T-SHILLINGS	62. Why did you choose to use this specific type of pesticide/herbicide? ADVICE BY AGRICULTURAL OFFICER....1 RECEIVED VOUCHER....2 OWN EXPERIENCE.3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	63. Where did you buy most of the pesticides/ herbicides? LIST UP TO TWO NETWORK ROSTER ID 1 2	64. Did you receive any seeds, fertilizers, pesticides or herbicides for [PLOT] on credit to be paid later on during the long rainy agricultural season 2010? YES...1 NO...2 ▶ 70	65. What were the types of input you received on credit? LIST ALL SEEDS.....1 ORGANIC FERTILIZER..2 INORGANIC FERTILIZER.....3 PESTICIDES / HERBICIDE.....4	66. How much did you pay up front for these inputs? T-SHILLINGS
	AMOUNT	UNIT			#1	#2	#3	#4	

	PESTICIDES/HERBICIDES				INPUTS ON CREDIT				
	58. Did you use any pesticide/ herbicide on [PLOT] in the last completed short rainy season? ▶ !	59. What was the main type of pesticide/herbicide that you applied?	60. What quantity of this pesticide/ herbicide did you use?	61. What was the total value of this pesticides/ herbicides purchased?	62. Why did you choose to use this specific type of pesticide/herbicide?	63. Where did you buy most of the pesticides/ herbicides?	64. 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? ▶ !	65. What were the types of input you received on credit? LIST ALL	66. How much did you pay up front for these inputs?
	AMOUNT	UNIT				#1	#2	#3	#4

P L O T I D	67. How much did you repay in cash later on for the inputs?	68. How much did you repay in kind later on for the inputs?	69. From whom did you receive these inputs on credit?	
	T-SHILLINGS	QUANTITY CODE THIS CROP (KGS)...1 LABOR (DAYS)...2 OTHER, SPECIFY...3	NETWORK ROSTER ID #1 #2	

67. How much did you repay in cash later on for the seeds?	68. How much did you repay in kind later on for the seeds?	69. From whom did you receive these inputs on credit?	

P L O T I D	HOUSEHOLD LABOR																								HIRED LABOR	
	70. During the <u>long rainy season 2010</u> , how many days did [NAME] spend on the following activities on this plot?																								71. Did you hire any labor to work on this plot in the long rainy season 2010?	
	Land preparation and planting						Weeding						Ridging, Fertilizing, Other Non-Harvest Activities						Harvesting							
ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	YES . . . 1	NO 2	

P L O T I D	HOUSEHOLD LABOR																								HIRED LABOR	
	70. During the last completed <u>short rainy season</u> , how many days did [NAME] spend on the following activities on this plot?																								71. Did you hire any labor to work on this plot in the last completed short rainy season?	
	Land preparation and planting						Weeding						Ridging, Fertilizing, Other Non-Harvest Activities						Harvesting							
ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:	ID:			
																									▶ !	

P L O T I D	HIRED LABOR															
	72. During the long rainy season 2010, how many days did your household have hired labor for this plot for [...]?															
	INCLUDE IN-KIND PAYMENTS															
	Land preparation and planting				Weeding				Ridging, Fertilizing, Other Non-Harvest Activites				Harvesting			
	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)

P L O T I D	HIRED LABOR															
	72. During the last completed short rainy season, how many days did your household have hired labor for this plot for [...]?															
	INCLUDE IN-KIND PAYMENTS															
	Land preparation and planting				Weeding				Ridging, Fertilizing, Other Non-Harvest Activites				Harvesting			
	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	MAN DAYS	WOMAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)

P L O T I D	73. WHEN WAS THE LAST SHORT RAINY SEASON? USE INFORMATION IN SECTION 2 OCT-DEC 2009...1 OCT-DEC 2010...2 ▶ 79	74. Did you cultivate this plot in the short rainy season 2009? YES...1 NO...2 ▶ 76	75. What was the main crop cultivated on this plot in the short rainy season 2009? ▶ NEXT PLOT CROP CODE	76. Did you have use of this plot in the short rainy season 2009? YES...1 ▶ 78 NO...2	77. How did you acquire this plot for the long rainy season 2010? ▶ NEXT PLOT BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING...3 CLEARED IT.....4 DISTRIBUTED BY VILLAGE.....5 RECEIVED AS GIFT..6 OCCUPIED.....7	78. How did you use this plot during the short rainy season 2009? ▶ NEXT PLOT RENTED.....1 GIVEN.....2 FALLOW.....3 FOREST.....4 OTHER, SPECIFY....5	79. Did you cultivate this plot in the short rainy season 2010? YES...1 NO...2 ▶ 81	80. What was the main crop cultivated on this plot in the short rainy season 2010? ▶ NEXT PLOT CROP CODE	81. Did you have use of this plot in the short rainy season 2009? YES...1 ▶ 83 NO...2	82. Why did you not have this plot (owned or cultivated) in the short rainy season 2010? ▶ NEXT PLOT SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE...4 GIVEN AWAY.....5 STOPPED RENTING /SHARECROPPING.6	83. How did you use this plot during the short rainy season 2010? ▶ NEXT PLOT RENTED...1 GIVEN...2 FALLOW...3 FOREST...4 OTHER, SPECIFY.5

73. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A? YES...1 ▶ NEXT PLOT NO...2	74. WHAT YEAR WAS THE LAST COMPLETED SHORT RAINY SEASON? 2009...1 2010...2 ▶ 76	75. Why did you not have this plot (own or cultivate) during the long rainy season 2010? ▶ NEXT PLOT SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE.....4 GIVEN AWAY.....5 STOPPED RENTING / SHARECROPPING..6	76. How did you acquire this plot for the short rainy season 2010? BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING.3 CLEARED IT.....4 DISTRIBUTED BY VILLAGE.....5 RECEIVED AS GIFT.....6 OCCUPIED.....7

3. PLOT DETAILS

3A. LONG RAINY SEASON

P L O T I D	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2010. REFER TO SECTION 2A.

3B. SHORT RAINY SEASON

P L O T I D	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2010 OR THE LAST COMPLETED VULI SEASON. REFER TO SECTIONS 2A AND 2B

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2010

HARVEST

P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
		Was crop planted in entire area of plot? YES...1 ▶ 4 NO....2	Approximately, how much of the plot was planted with [CROP]? 1/4.....1 1/2.....2 3/4.....3	Why didn't you plant the entire plot with [CROP]? WAS DIVIDED.....1 DROUGHT.....2 LACK OF TOOLS / EQUIPMENT.....3 LACK OF SEEDS.....4 FLOODS.....5 LOANS.....6 AG EQUIPMENT.....7 OTHER, SPECIFY....8	Was cultivation intercropped? YES...1 NO....2 ▶ 6	What is the reason for this intercropping? SUBSTITUTE IF EITHER CROP FAILS.....1 MORE FERTILE FOR THE SOIL.....2 OTHER, SPECIFY...3	Did you harvest any [CROP] on this plot in the long-rainy season 2010? YES...1 ▶ 8 NO....2	Why didn't you harvest any [CROP] on this plot? NOT MINE TO HARVEST.....1 ▶ NEXT CROP STILL IN PLOT...2 ▶ 19 DESTRUCTION.....3 ▶ 19 OTHER, SPECIFY..4 ▶ 19	What was the area harvested in the long rainy season 2010? ACRES	Was area harvested less than area planted? YES...1 NO....2 ▶ 11	What was the reason it was less than the area planted? SEE CODES AT RIGHT CODES

CODES FOR Q10
DROUGHT.....1
RAINS.....2
FIRE.....3
INSECTS.....4
ANIMALS.....5
CROP
THEFT.....6
DISEASES AND COMMUNITY PROBLEMS..7
LACK OF CASUAL LABOR.....8
OTHER, SPECIFY.....9

4B. LAST COMPLETED SHORT RAINY SEASON

HARVEST

P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
		Was crop planted in entire area of plot? ▶ !	Approximately, how much of the plot was planted with [CROP]? ▶ !	Why didn't you plant the entire plot with [CROP]? ▶ !	Was cultivation intercropped? ▶ !	What is the reason for this intercropping? ▶ !	Did you harvest any [CROP] on this plot in the last short-rainy season? ▶ !	Why didn't you harvest any [CROP] on this plot? ▶ !	What was the area harvested in last short rainy season? ▶ !	Was area harvested less than area planted? ▶ !	What was the reason it was less than the area planted?

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 fraction 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 ▶ 19	18. What was the cause of these losses? BIRDS...1 ANIMALS...2 INSECTS...3 DISEASES...4 THEFT...5 OTHER, SPECIFY...6	19. Did you purchase any SEED for [CROP] in the long rainy season 2010? YES...1 NO...2 ▶ NEXT	20. Did you receive a voucher/ certificate for any of this [SEEDS]? YES...1 NO...2	21. What was the total value of seeds purchased? T-SHILLINGS	22. Where did you buy most of the seed? LIST UP TO TWO NETWORK ROSTER ID 1 2	23. What type of seed did you purchase? TRADITIONAL . 1 ▶ NEXT CROP IMPROVED 2	24. 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 fraction 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. Did you receive a voucher/ certificate for any of these [SEEDS]?	21. What was the total value of seeds purchased?	22. Where did you buy most of the seed?	23. What type of seed did you purchase? ▶ !	24. What type of improved seed did you purchase?

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2010

P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LONG RAINY SEASON 2010. FOR EACH PLOT LIST ALL ANNUAL CROPS CULTIVATED.	
		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 2010

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]?	5. What quantity of [CROP] did you sell to [CUSTOMER #1]?	6. What was the total value of these sales to [CUSTOMER #1]?	7. During which month did you sell most of [CROP] to [CUSTOMER #1]?	8. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #1]?	9. Who in your household decided what to do with these earnings?	10. What quantity of [CROP] did you sell to [CUSTOMER #2]?	11. What was the total value of these sales to [CUSTOMER #2]?	12. During which month did you sell most of [CROP] to [CUSTOMER #2]?
	YES...1 NO...2 ▶ 20	CONVERT LOCAL UNITS INTO KILOGRAMS KGs	T-SHILLINGS	START WITH LARGEST CUSTOMER LIST UP TO TWO NETWORK ROSTER ID CODE #1 #2	KGs	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	KGs	T-SHILLINGS	MONTH YEAR

5B. SHORT RAINY SEASON

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]?	5. What quantity of [CROP] did you sell to [CUSTOMER #1]?	6. What was the total value of these sales to [CUSTOMER #1]?	7. During which month did you sell most of [CROP] to [CUSTOMER #1]?	8. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #1]?	9. Who in your household decided what to do with these earnings?	10. What quantity of [CROP] did you sell to [CUSTOMER #2]?	11. What was the total value of these sales to [CUSTOMER #2]?	12. During which month did you sell most of [CROP] to [CUSTOMER #2]?
	YES...1 NO...2 ▶ 20	CONVERT LOCAL UNITS INTO KILOGRAMS KGs	T-SHILLINGS	START WITH LARGEST CUSTOMER LIST UP TO TWO NETWORK ROSTER ID CODE #1 #2	KGs	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	KGs	T-SHILLINGS	MONTH YEAR

POST-HARVEST LOSSES										CROP RESIDUE	
13. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	14. Who in your household decided what to do with these earnings? LIST UP TO 2 FROM HOUSEHOLD ROSTER	15. Did you transport [CROP] for sale? YES...1 NO....2 ▶ 20	16. What is the average distance you transported [CROP] for sale?	17. How many times did you transport [CROP] for sale during the long rainy season in 2010?	18. How did you transport [CROP]?	19. How much did you pay to transport [CROP] during the long rainy season 2010?	20. Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	21. What was the reason for the loss?	22. Out of 10 units of [CROP], how many were lost?	23. What was the value of this lost crop?	24. What was done with the residue from this crop? CROP PRODUCES NO RESIDUE.....1 ▶28 RESIDUE WAS LEFT IN FIELD.....2 ▶28 MULCHED.....3 ▶28 FOR GRAZING OWN ANIMALS..4 ▶28 FOR GRAZING OTHERS' ANIMALS.....5 ▶28 FEEDING OWN ANIMALS.....6 ▶28 FOR SALE.....7 OTHER, SPECIFY.....8
TRANSACTIONS	HH ID #1 HH ID #2		KM	# TIMES	ON FOOT...1 BICYCLE...2 ANIMAL...3 CAR.....4 OTHER, SPECIFY..5	INCLUDE ROUNDRIP TRANSPORTATION T-SHILLINGS	YES...1 NO....2 ▶ 24	ROTTING..1 INSECTS..2 PESTS...3 THEFT...4 OTHER, SPECIFY..5	NUMBER (0-10)	T-SHILLINGS	

POST-HARVEST LOSSES										CROP RESIDUE	
13. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	14. Who in your household decided what to do with these earnings? LIST UP TO 2 FROM HOUSEHOLD ROSTER	15. Did you transport [CROP] for sale? YES...1 NO....2 ▶ 20	16. What is the average distance you transported [CROP] for sale?	17. How many times did you transport [CROP] for sale during the short rainy season?	18. How did you transport [CROP]?	19. How much did you pay to transport [CROP] during the short rainy season?	20. Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc?	21. What was the reason for the loss?	22. Out of 10 units of [CROP], how many were lost?	23. What was the value of this lost crop?	24. What was done with the residue from this crop? CROP PRODUCES NO RESIDUE.....1 ▶28 RESIDUE WAS LEFT IN FIELD.....2 ▶28 MULCHED.....3 ▶28 FOR GRAZING OWN ANIMALS..4 ▶28 FOR GRAZING OTHERS' ANIMALS.....5 ▶28 FEEDING OWN ANIMALS.....6 ▶28 FOR SALE.....7 OTHER, SPECIFY.....8
TRANSACTIONS	HH ID #1 HH ID #2		KM	# TIMES	ON FOOT...1 BICYCLE...2 ANIMAL...3 CAR.....4 OTHER, SPECIFY..5	INCLUDE ROUNDRIP TRANSPORTATION T-SHILLINGS	YES...1 NO....2 ▶ 24	ROTTING..1 INSECTS..2 PESTS...3 THEFT...4 OTHER, SPECIFY..5	NUMBER (0-10)	T-SHILLINGS	

STORAGE

25. What was the quantity sold? KGs	26. What was the total value of the sales? T-SHILLINGS	27. To which persons, firms or institutions did you sell most of the residue from this [CROP]? LIST UP TO TWO, START WITH LARGEST CUSTOMER NETWORK ROSTER ID CODE #1 #2	28. Do you have any of the harvest from the long rainy season 2010 in storage now? YES...1 NO...2 ▶ NEXT	29. How much of this harvest do you still have in storage? KGs AMOUNT	30. What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE..1 IMPROVED LOCALLY MADE STRUCTURE...2 MODERN STORE.....3 SACKS / OPEN DRUM.....4 AIRTIGHT DRUM.....5 UNPROTECTED PILE.....6 CEILING.....7 OTHER, SPECIFY.....8	31. Did you do anything to protect the stored crop? YES...1 NO...2 ▶ 33	32. What did you do? SPRAYING..1 SMOKING...2 OTHER, SPECIFY.3	33. When you store [CROP], what is usually the main purpose of storing it? FOOD FOR HOUSEHOLD..1 TO SELL AT HIGHER PRICE.....2 SEED FOR PLANTING...3 OTHER, SPECIFCY.....4

STORAGE

25. What was the quantity sold? KGs	26. What was the total value of the sales? T-SHILLINGS	27. To which persons, firms or institutions did you sell most of the residue from this [CROP]? LIST UP TO TWO, START WITH LARGEST CUSTOMER NETWORK ROSTER ID CODE #1 #2	28. Do you have any of the harvest from the last completed short rainy season in storage now? YES...1 NO...2 ▶ NEXT	29. How much of this harvest do you still have in storage? KGs AMOUNT	30. What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE..1 IMPROVED LOCALLY MADE STRUCTURE...2 MODERN STORE.....3 SACKS / OPEN DRUM.....4 AIRTIGHT DRUM.....5 UNPROTECTED PILE.....6 CEILING.....7 OTHER, SPECIFY.....8	31. Did you do anything to protect the stored crop? YES...1 NO...2 ▶ 33	32. What did you do? SPRAYING..1 SMOKING...2 OTHER, SPECIFY.3	33. When you store [CROP], what is usually the main purpose of storing it? FOOD FOR HOUSEHOLD..1 TO SELL AT HIGHER PRICE.....2 SEED FOR PLANTING...3 OTHER, SPECIFCY.....4

5. CROPS - HOUSEHOLD TOTALS

5A. LONG RAINY SEASON 2008

C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2010, AS LISTED IN SECTION 4
	CODE CROP NAME

5B. SHORT RAINY SEASON

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

6. PERMANENT CROPS BY PLOT

6A. FRUIT CROPS

6A. FRUIT CROPS										LOSSES		
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. FRUIT NAME	2. How many of these plants/trees are on this plot? NUMBER	3. In what year were most of these plants/trees planted? YEAR [4 digit]	4. How many trees/ plants were planted during the last 12 months? NUMBER	5. Was cultivation intercropped during the past long rainy season? YES...1 NO....2 ▶7	6. What was the reason for intercropping? MORE FERTILE FOR THE SOIL.....1 SUBSTITUTE IF EITHER CROP FAILS.....2 OTHER, SPECIFY...3	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? KG	9. Were there any losses of [FRUIT] before the harvest? YES...1 NO....2 ▶ NEXT FRUIT	10. What was the cause of these losses? BIRDS.....1 ANIMALS...2 INSECTS...3 DISEASES...4 THEFT.....5 OTHER,
								BEGIN YEAR MONTH	END YEAR MONTH			

6B. PERMANENT CROPS

6B. PERMANENT CROPS										LOSSES		
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. CROP NAME	2. How many of these plants/trees are on this plot? NUMBER	3. In what year were most of these plants/trees planted? YEAR [4 digit]	4. How many trees/ plants were planted during the last 12 months? NUMBER	5. Was cultivation intercropped during the past long rainy season? YES...1 NO....2 ▶7	6. Reason for intercropping? MORE FERTILE FOR THE SOIL.....1 SUBSTITUTE IF EITHER CROP FAILS.....2 OTHER, SPECIFY...3	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? KG	9. Were there any losses of [CROP] before the harvest? YES...1 NO....2 ▶ NEXT CROP	10. What was the cause of these losses? BIRDS.....1 ANIMALS...2 INSECTS...3 DISEASES...4 THEFT.....5 OTHER, SPECIFY.6
								BEGIN YEAR MONTH	END YEAR MONTH			

7. PERMANENT CROPS BY CROP

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

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

STORAGE

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

1						
2						
3						
4						
5						

STORAGE

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

1						
2						
3						
4						
5						

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
NO

1
2

▶ SECTION 9

8A. LONG RAINY SEASON 2010

2. What crops were grown as part of an outgrower scheme or contract farming system in the long rainy season 2010? NONE ▶ SECTION 8B CROP	3. What farm/company did you work with in this scheme? NETWORK ROSTER ID CODE	4. What did you agree in advance (before planting) with the buyer as part of this scheme? LIST ALL THAT APPLY CROP SALE PRICE.....1 AMOUNT YOU PRODUCE...2 AREA YOU WOULD PLANT.3 QUALITY OF CROP.....4 DATE OF HARVEST.....5 OTHER, SPECIFY.....6	5. Did you sign a written contract with the buyer before planting? YES...1 NO....2	6. Would you say that the buyer complied with the original agreement? YES...1 ▶8 NO....2	7. What were the main problems? DID NOT BUY ALL CROP.....1 DELAYS IN PAYMENT..2 CHANGED THE PRICE..3 OTHER, SPECIFY.....4	8. Would you say that YOU complied with the original agreement? YES...1 ▶NEXT CROP NO....2	9. How/why did you break the agreement? ELSEWHERE...1 PLANTED LESS.2 PRODUCED LESS.....3 OTHER, SPECIFY.....4

8B. LAST COMPLETED SHORT RAINY SEASON

2009 2010

2. What crops were grown as part of an outgrower scheme or contract farming system in the last completed short rainy season? NONE ▶ SECTION 8C CROP	3. What farm/company did you work with in this scheme? NETWORK ROSTER ID CODE	4. What did you agree in advance (before planting) with the buyer as part of this scheme? LIST ALL THAT APPLY CROP SALE PRICE.....1 AMOUNT YOU PRODUCE...2 AREA YOU WOULD PLANT.3 QUALITY OF CROP.....4 DATE OF HARVEST.....5 OTHER, SPECIFY.....6	5. Did you sign a written contract with the buyer before planting? YES...1 NO....2	6. Would you say that the buyer complied with the original agreement? YES...1 ▶8 NO....2	7. What were the main problems? DID NOT BUY ALL CROP.....1 DELAYS IN PAYMENT..2 CHANGED THE PRICE..3 OTHER, SPECIFY.....4	8. Would you say that YOU complied with the original agreement? YES...1 ▶NEXT CROP NO....2	9. How/why did you break the agreement? ELSEWHERE...1 PLANTED LESS.2 PRODUCED LESS.....3 OTHER, SPECIFY.....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? NONE ▶ SECTION 9 CROP	3. What farm/company did you work with in this scheme? NETWORK ROSTER ID CODE	4. What did you agree in advance (before planting) with the buyer as part of this scheme? LIST ALL THAT APPLY CROP SALE PRICE.....1 AMOUNT YOU PRODUCE...2 AREA YOU WOULD PLANT.3 QUALITY OF CROP.....4 DATE OF HARVEST.....5 OTHER, SPECIFY.....6	5. Did you sign a written contract with the buyer before planting? YES...1 NO....2	6. Would you say that the buyer complied with the original agreement? YES...1 ▶10 NO....2	7. What were the main problems? DID NOT BUY ALL CROP.....1 DELAYS IN PAYMENT..2 CHANGED THE PRICE..3 OTHER, SPECIFY.....4	8. Would you say that YOU complied with the original agreement? YES...1 ▶NEXT CROP NO....2	9. How/why did you break the agreement? ELSEWHERE...1 PLANTED LESS.2 PRODUCED LESS.....3 OTHER, SPECIFY.....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?	5. Was any [BY-PRODUCT] sold?	6. How much was sold?	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?	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	SEE CODES BELOW	KG 1 LITER . . 2	YES . . . 1 NO 2 ► Q10	KG 1 LITER . . 2	KG	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1 2	YES . . . 1 NO 2 ►NEXT PRODUCT	T-SHILLINGS
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

CODES FOR Q3 PROCESSED:
 FLOUR 1
 SEED 2
 PALM OIL 3
 JUICE 4
 THREAD 5
 PULP 6
 RUBBER 7
 OTHER, SPECIFY . . 8

BY-PRODUCTS:
 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, SPECIFY . . 18

10A. LIVESTOCK

YES 1

1. Did this household own any animals in the last 12 months (cows, goats, chicken, ducks)?

NO 2 ► NEXT SECTION

		OWNERSHIP					BORN			PURCHASED			GIFTS		
CODE	2. Did this household own any [ANIMAL] in the last 12 months? IF NOT INDICATED SEPERATELY, INCLUDE BABIES	3. Number of [ANIMAL] owned at the time of the last survey.	4. Number of [ANIMAL] owned 12 months ago.	5. How many [ANIMAL] does this household currently own?			6. How many [ANIMAL] were born in the past 12 months?	7. Have you bought any [ANIMAL] alive in the past 12 months?	8. How many [ANIMAL] have you bought alive in the last 12 months?	9. What was the total value of these purchases?	10. Did you receive any [ANIMAL] as a gift in the last 12 months?	11. How many [ANIMAL] did you receive as gifts in the past 12 months?	12. From whom did you receive most of these [ANIMAL]?		
	YES...1 NO...2 ► NEXT	NUMBER	NUMBER	Indigenous	Improved Beef	Improved Dairy	NUMBER	YES...1 NO...2 ► 9	NUMBER	T-SHILLINGS	YES...1 NO...2 ► 12	NUMBER	FRIEND / RELATIVE...1 NGO.....2 OTHER, SPECIFY...3		
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	DONKEYS														
14	DOGS														
15	OTHER_____														
16	OTHER_____														

10A. LIVESTOCK

CODE	DISEASE			THEFT			SALES				SLAUGHTER		
	13. Have you lost any [ANIMAL] to DISEASE in the past 12 months? YES...1 NO...2 ▶ 15	14. How many [ANIMAL] have you lost to DISEASE in the past 12 months? NUMBER	15. What was the value of these [ANIMAL]s lost to disease? T-SHILLINGS	16. Have you lost any [ANIMAL] to THEFT in the past 12 months? YES...1 NO...2 ▶ 18	17. How many [ANIMAL] have you lost to THEFT in the past 12 months? NUMBER	18. What was the value of these [ANIMAL]s lost to THEFT? T-SHILLINGS	19. Have you sold any [ANIMAL] alive in the past 12 months? YES...1 NO...2 ▶ 23	20. How many [ANIMAL] have you sold alive in the past 12 months? NUMBER	21. What was the total value of sales? T-SHILLINGS	22. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH 1 2	23. Where did you sell most [ANIMAL] that you sold? LIST UP TO TWO NETWORK ROSTER ID CODES 1 2	24. Did you slaughter any [ANIMAL] in the past 12 months? YES...1 NO...2 ▶ 28	25. How many [ANIMAL] did you slaughter in the past 12 months? NUMBER
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	DONKEYS												
14	DOGS												
15	OTHER_____												
16	OTHER_____												

10A. LIVESTOCK

LABOUR

CODE	26. How many of the [ANIMAL] slaughtered did you sell? IF '0' ► 28 NUMBER	27. What was the total value of the sold slaughtered [ANIMAL]? T-SHILLINGS	28. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH		29. In principal, who is responsible for keeping [ANIMAL]? INDICATE UP TO 2 PEOPLE IN HH		30. Who in your household provided labor for feeding/watering of [ANIMAL]? INDICATE UP TO 2 PEOPLE IN HH		31. Who in your household provided the labour for selling the animals and animal products? INDICATE UP TO 2 PEOPLE IN HH		32. Who in your household mainly provided labour for grazing of [ANIMAL]? INDICATE UP TO 2 PEOPLE IN HH		33. Did you hire any labor to help you with the [ANIMAL] in the past 12 months? YES . . . 1 NO . . . 2 ► 35	34. What was the total cost of this labor for [ANIMAL] in the past 12 months? T-SHILLINGS
	1	2	1	2	1	2	1	2	1	2	1	2		
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	DONKEYS													
14	DOGS													
15	OTHER _____													
16	OTHER _____													

10A. LIVESTOCK

		FODDER		VACCINATIONS										
CODE		35. Did you purchase any fodder for your [ANIMAL] in the past 12 months? YES...1 NO...2 ▶ 37	36. What was the total cost of this fodder for [ANIMAL] in the past 12 months? T-SHILLINGS	37. What kind of diseases did [ANIMAL] suffer in the past 12 months? SEE CODES AT RIGHT #1 #2 #3 #4	38. Are your [ANIMAL] vaccinated? YES, ALL...1 YES, SOME..2 NO.....3 ▶ NEXT ROW	39. Where did you vaccinate [ANIMAL]? PRIVATE VET CLINIC.....1 DISTRICT VET CLINIC.....2 NGO/PROJECT....3 OTHER, SPECIFY..4	40. Against which diseases did you vaccinate your [ANIMAL]? SEE CODES AT RIGHT #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	DONKEYS													
14	DOGS													
15	OTHER_____													
16	OTHER_____													

CODES FOR Q36 (DISEASES)

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
 Tetanus.....18
 Mange.....19
 Anaemia.....20
 Canine Distemper.....21
 Not sick.....22
 Other.....23

CODES FOR Q39 (DISEASES)

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? YES...1 NO...2 ▶ NEXT	2. During the last 12 months, for how many months did your household produce any [PRODUCT]? MONTHS	3. During these months, what was the average quantity of [PRODUCT] produced per month? LITRES...1 KGS...2 PIECES...3 QUANTITY UNIT	4. Did you sell any of the [PRODUCT] that you produced in the last 12 months? YES...1 NO...2 ▶ NEXT	5. How much of the [PRODUCT] produced did you sell in the last 12 months? LITRES...1 KGS...2 PIECES...3 QUANTITY UNIT	6. What was the total value of sales of [PRODUCT] in the last 12 months? T-SHILLINGS	7. Where did you sell most [PRODUCT] that you sold? LIST UP TO TWO NETWORK ROSTER ID CODE 1 2	8. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH 1 2
		1	COW MILK (TRADITIONAL)						
2	COW MILK (IMPROVED)								
3	CHICKEN EGGS (TRADITIONAL)								
4	CHICKEN EGGS (IMPROVED)								
5	GHEE/BUTTER								
6	CHEESE/YOGURT								
7	HONEY								
8	SKINS AND HIDES								
9	MANURE								
10	OTHER _____								
11	OTHER _____								
12	OTHER _____								

CODE	PRODUCT	9. Did your household sell any of the following agricultural services in the last 12 months? YES...1 NO...2 ▶ NEXT	10. During the last 12 months, how many times did your household sell [SERVICE]? NUMBER	11. What was the total value of sales of [SERVICE] in the last 12 months? T-SHILLINGS	12. Where did you sell most of the [SERVICE]? LIST UP TO TWO NETWORK ROSTER ID CODE 1 2	13. Who in your household decided what to do with these earnings? INDICATE UP TO 2 PEOPLE IN HH 1 2
		1	TRACTION / DRAUGHT POWER			
2	SIRE SERVICES					
3	OTHER _____					

11. FARM IMPLEMENTS AND MACHINERY

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' ▶ 3 NUMBER	2. What is the value of the [ITEM] if sold? SHILLINGS	3. Did the household own [ITEM] during the last 12 months? YES...1 NO....2 (▶6)	4. Did you use [ITEM] in the last 12 months? YES...1 (▶6) NO....2	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, SPECIFY..5	6. Did your household rent or borrow any [ITEM] for use in the last 12 months? YES...1 NO....2 (▶NEXT)	7. How many [ITEM] did the household rent or borrow in the last 12 months? NUMBER	8. Where did your household rent or borrow [ITEM] from last 12 months? NETWORK ROSTER ID CODE	9. How much did your household pay to rent or borrow [ITEM] last 12 months? T-SHILLINGS
1	HAND HOE								
2	HAND-POWERED SPRAYER								
3	OX PLOUGH								
4	OX SEED PLANTER								
5	OX CART								
6	TRACTOR								
7	TRACTOR PLOUGH								
8	TRACTOR HARROW								
9	SHELLER/THRESHER								
10	HAND MILL/GRINDER								
11	WATERING CAN								
12	FARM BUILDINGS/ STORAGE FACILITIES								
13	GERI CANS/DRUMS								
14	OTHER, SPECIFY								

12. EXTENSION

SOURCE	1. Did you receive advice for your agricultural/livestock activities from any of the following sources in the past 12 months? YES...1 NO...2 ▶ NEXT ROW	2. Did you receive any advice from [SOURCE] about...? YES...1 NO...2						3. How would you rate the advice received? GOOD...1 AVERAGE...2 BAD...3	4. Did you pay anything in order to receive the advice? YES...1 NO...2 ▶6	5. How much did you pay? T-SHILLINGS	6. How many times did someone from [SOURCE] visit your farm in the past 12 months? 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]? YES...1 NO...2 ▶ NEXT ROW	8. Did you pay anything in order to receive the advice? YES...1 NO...2 ▶ NEXT ROW	9. How much did you pay? T-SHILLINGS
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1	GOVERNMENT EXTENSION		
2	NGO		
3	COOPERATIVE/FARMER'S ASSOCIATION		
4	LARGE SCALE FARMER		
5	RADIO		
6	PUBLICATION		
7	NEIGHBOUR		
8	OTHER, SPECIFY		

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			

Crop Codes
Cereals/tubers/roots:
 Maize.....11
 Paddy.....12
 Sorghum.....13
 Bulrush Millet...14
 Finger Millet...15
 Wheat.....16
 Barley.....17
 Cassava.....21
 Sweet Potatoes...22
 Irish potatoes...23
 Yams.....24
 Cocoyams.....25
 Onions.....26
 Ginger.....27

Legumes, Oil & fruit:
 Beans.....31
 Cowpeas.....32
 Green gram.....33
 Chick peas.....35
 Bambara nuts....36
 Field peas.....37
 Sunflower.....41
 Sesame.....42
 Groundnut.....43
 Soyabeans.....47
 Caster seed.....48

Fruits:
 Passion Fruit...70
 Banana.....71
 Avocado.....72
 Mango.....73
 Papaw.....74
 Orange.....76
 Grapefruit.....77
 Grapes.....78
 Mandarin.....79
 Guava.....80
 Plums.....81
 Apples.....82
 Pears.....83
 Peaches.....84
 Lime.....851
 Lemon.....852
 Pomelo.....68
 Jack fruit.....69
 Durian.....97
 Bilimbi.....98
 Rambutan.....99
 Bread fruit.....67
 Malay apple....38
 Star fruit.....39
 Custard Apple...200
 God Fruit.....201
 Mitobo.....202
 Plum.....203
 Peaches.....204
 Pomegranate....205
 Date.....210

Vegetables:
 Cabbage.....86
 Tomatoes.....87
 Spinach.....88
 Carrot.....89
 Chilies.....90
 Amaranths.....91
 Pumpkins.....92
 Cucumber.....93
 Egg Plant.....94
 Water Mellon...95
 Cauliflower....96
 Okra.....100
 Fiwi.....101

Cash CropS:
 Cotton.....50
 Tobacco.....51
 Pyrethrum.....52
 Jute.....62
 Seaweed.....19

Permanent Cash crops:
 Sisal.....53
 Coffee.....54
 Tea.....55
 Cocoa.....56
 Rubber.....57
 Wattle.....58
 Kapok.....59
 sugar Cane.....60
 Cardamom61
 Tamarind.....63
 Cinnamon.....64
 Nutmeg.....65
 Clove.....66
 Black Pepper...18
 Pigeon pea.....34
 Cassava.....21
 Pineapple.....75
 Palm Oil.....44
 Coconut.....45
 Cashew nut.....46
 Green Tomato...300
 Monkeybread....301
 Bamboo.....302
 Firewood/fodder.303
 Timber.....304
 Medicinal plant.305
 "Fence tree"....306
 other.....998

CODES FOR Q2
 RELATIVE.....1
 NEIGHBOR.....2
 FRIEND.....3
 MARKET.....4
 OPEN MARKET...5
 COOPERATIVE UNION..6
 FARMERS PARTY....7
 MAIN PLOT/FARM....8
 PRIVATE BUSINESS
 PERSON.....9
 MAIN MARKET....10
 BUSINESS CONTACT..11
 ABATTORI/FACTORY..12
 EMPLOYER.....13
 RELIGIOUS
 INSTITUTION....14
 BANK (COMMERCIAL)..15
 GROCERY/LOCAL
 MERCHANT.....16
 MONEY LENDER....17
 NGO.....18
 DISTRIBUTION
 OFFICER.....19
 OTHER, SPECIFY...20

CODES FOR Q3
 WITHIN THE VILLAGE..1
 NEAR THE VILLAGE...2
 NEAR THE TOWN.....3
 OTHER DISTRICT....4
 OTHER REGION.....5
 ACROSS THE BORDER...6

TIME FINISHED:

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