

CONFIDENTIAL



United Republic of Tanzania
National Bureau of Statistics

NATIONAL PANEL SURVEY (NPS 2012-2013)

*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 style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
2. DISTRICT	<input style="width: 20px; height: 20px;" type="text"/>
3. WARD	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
4. VILLAGE/ENUMERATION AREA	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
5. KITONGOJI OR MTAA NAME	
6. HOUSEHOLD ID (FROM LIST) :	<input style="width: 20px; height: 20px;" type="text"/>
7. NAME OF HOUSEHOLD HEAD:	
8. NAME OF HOUSEHOLD HEAD FROM NPS YEAR 2:	
9. FULL HOUSEHOLD IDENTIFICATION FROM NPS YEAR 2:		<input style="width: 20px; height: 20px;" 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. START TIME (SWAHILI)

:

13. DATE OF INTERVIEW

/ /

DD MM YYYY

(ENUMERATOR: ► *NEXT PAGE*)

14. NAME OF SUPERVISOR

.....

15. SUPERVISOR ID

16. DATE OF QUESTIONNAIRE INSPECTION

/ /

DD MM YYYY

17. NAME OF DATA ENTRY CLERK

.....

18. DATA ENTRY CLERK ID

19. DATE OF DATA ENTRY

/ /

DD MM YYYY

20. 2ND DATA ENTRY CLERK ID

21. DATE OF 2ND DATA ENTRY

/ /

DD MM YYYY

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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- 4. CROPS BY PLOT
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- 8. INPUT VOUCHERS
- 9. OUTGROWER SCHEMES & CONTRACT FARMING
- 10. PROCESSED AGRICULTURAL PRODUCTS AND AGRICULTURAL BY-PRODUCTS
- 11. FARM IMPLEMENTS AND MACHINERY
- 12. EXTENSION

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 2012? YES.....1

NO.....2 ▶ 11

A. PLEASE LIST ALL PLOTS ANYONE IN YOUR HOUSEHOLD OWNED OR CULTIVATED DURING THE 2012 LONG RAINY SEASON.										7. PLOT MEASURED?	8. WHY WAS THE PLOT NOT MEASURED?	9. AREA (ACRES) GPS MEASUREMENT	10. WEATHER CONDITIONS AT MEASUREMENT			
2. PLOT NAME	3. DESCRIPTION/LOCATION	4. AREA (ACRES) FARMER'S ESTIMATE	5. PLOT NO. IN 2010/ 2011 NPS.	6. GPS LOCATION (RECORD GPS LOCATION FROM THE CORNER WHERE YOU BEGAN THE MEASUREMENT.)						YES...1 (▶9) NO...2	▶ NEXT PLOT	TOO FAR...1 REFUSED...2 OTHER, SPECIFY...3	USE CODES			
M1										'S 'E						
M2										'S 'E						
M3										'S 'E						
M4										'S 'E						
M5										'S 'E						
M6										'S 'E						
M6										'S 'E						

11. What year was the last completed short rainy season? Short rainy season 2011..1

Short rainy season 2012..2

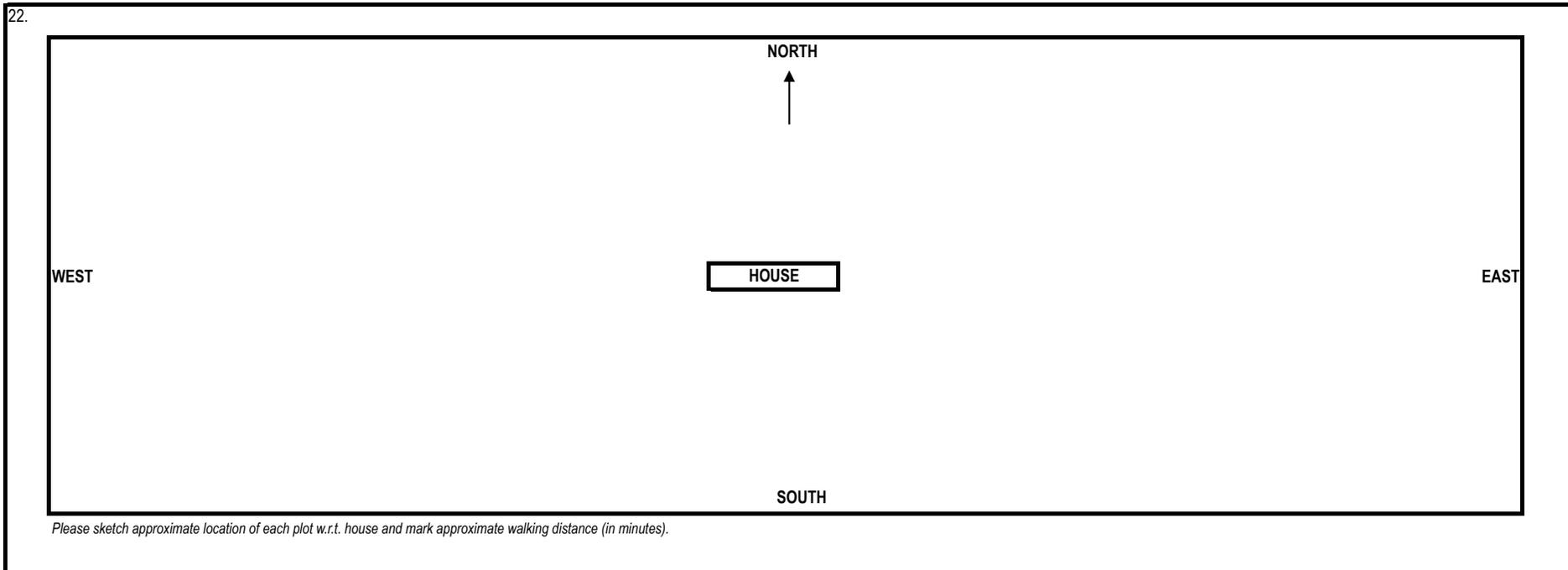
12. In addition to the plots above, did you or anyone in your household own or cultivate any plots during the last completed short rainy season [YEAR] (USE YEAR FROM Q11)? YES..1

NO...2 ▶22

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. PLOT NAME	14. DESCRIPTION/LOCATION	15. AREA (ACRES) FARMER'S ESTIMATE			16. PLOT NUMBER IN 2010/2011 NPS.	17. GPS LOCATION (RECORD GPS LOCATION FROM THE CORNER WHERE YOU BEGAN THE MEASUREMENT.)					18. PLOT MEAS- URED?	19. WHY WAS THE PLOT NOT MEASURED?	20. AREA (ACRES) GPS MEASUREMENT			21. WEATHER CONDITIONS AT MEASURE- MENT USE CODES
											YES...1 ▶20 NO...2	▶ NEXT PLOT TOO FAR...1 REFUSED...2 OTHER, SPECIFY...3				
V1											'S 'E					
V2											'S 'E					
V3											'S 'E					
V4											'S 'E					



3. PLOT DETAILS

3A. LONG RAINY SEASON

D E L I N E	P L O T I D	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2012. REFER TO SECTION 2A.	2. What is the distance from [PLOT] to:	3. How did you use this plot during the long rainy season 2012?	4. What was the total income from renting out this plot during the long rainy season 2012?	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 2012?	8. Who decided what to plant on this plot in the long rainy season 2012?
		HOME KM	ROAD KM	MARKET KM	CULTIVATED . 1 ▶7 RENTED OUT . 2 GIVEN OUT . . 3 ▶10 FALLOW 4 ▶23 FOREST 5 ▶24 OTHER, SPECIFY . . 6 ▶22	T-SHILLINGS	YES . . . 1 NO 2 ▶10	▶10	CROP NAME CODE
1									
2									
3									
4									
5									
6									

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2011 |__| 2012 |__|

3B. SHORT RAINY SEASON

D E L I N E	P L O T I D	1a. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2012 OR THE LAST COMPLETED VULI SEASON. REFER TO SECTIONS 2A AND 2B	1b. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A?	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 KM	ROAD KM	MARKET KM	▶!	T-SHILLINGS	▶!	▶!	CROP NAME CODE	ID #1 ID #2 ID #3 NETWORK ROSTER ID
1										
2										
3										
4										
5										
6										

D E L I N E	P L O T I D	9. Who made the decisions about input use on this plot in the long rainy season 2012?				10. What was the soil type of this plot?	11. What was the soil quality of this plot?	12. How do you know the quality of the soil?	13. Were there any problems with erosion on this plot in the long rainy season 2012?	14. What was the cause of these erosion problems?	15. Was there any erosion control/water harvesting facility on this plot in the long rainy season 2012?	16. What type of erosion control/water harvesting facility was on this plot?		17. How steep is the slope of this plot?
		ID #1	ID #2	ID #3	NETWORK ROSTER ID	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 ▶15	WIND.....1 RAIN.....2 ANIMALS.....3 CULTIVATION WHICH DOES NOT COMPLY WITH SOIL CONSERVATION...4 OTHER, SPECIFY..5	YES...1 NO....2 ▶17	TERRACES.....1 EROSION CONTROL BUNDS..2 GABIONS / SANDBAGS.....3 VETIVER GRASS.....4 TREE BELTS.....5 WATER HARVEST BUNDS....6 DRAINAGE DITCHES.....7 DAM.....8		FLAT BOTTOM..1 FLAT TOP.....2 SLIGHTLY SLOPED.....3 VERY STEEP...4

1													
2													
3													
4													
5													
6													

D E L I N E	P L O T I D	9. Who made the decisions about input use on this plot in the last completed short rainy season?				10. What was the soil type of this plot?	11. What was the soil quality of this plot in the last completed short rainy season?	12. How do you know the quality of the soil?	13. Were there any problems with erosion on this plot?	14. What was the cause of these erosion problems?	15. Was there any erosion control/water harvesting facility on this plot in the last completed short rainy season?	16. What type of erosion control/water harvesting facility was on this plot?		17. How steep is the slope of this plot?
		ID #1	ID #2	ID #3	NETWORK ROSTER ID				▶!		▶!	1st 2nd		

1													
2													
3													
4													
5													
6													

D E L I N E	P L O T I D	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.
		Was this plot irrigated in the long rainy season 2012?	What was the type of irrigation?	What was the method of obtaining water?	What was the source of water?	What was the most recent year in which the plot was left fallow?	For how many consecutive years was this plot left fallow this last time?	What would the value of this plot be if it were sold today?	What was the ownership status of this plot in the long rainy season 2012?	With whom do you co-own this plot?	What share does your household get of the output?
		YES...1 NO...2 ▶22	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 ▶ 24 IF DON'T KNOW, ENTER "98" ▶ 24 YEAR [4 digit]	NUMBER	T-SHILLINGS	OWNED.....1 ▶28 USED FREE OF CHARGE.2 ▶36 RENTED IN.....3 ▶33 SHARED - RENT.....4 ▶32 SHARED - OWN.....5	NETWORK ROSTER ID	NOTHING.....1 ALMOST NOTHING.2 ONE QUARTER....3 HALF.....4 THREE QUARTERS.5 ALMOST ALL.....6

1											
2											
3											
4											
5											
6											

D E L I N E		18.	19.	20.	21.	22.	23.	24.	25.	26.	27.
		Was this plot irrigated in the last completed short rainy season?	What was the type of irrigation?	What was the method of obtaining water?	What was the source of water?	What was the most recent year in which the plot was left fallow?	For how many consecutive years was this plot left fallow this last time?	What would the value of this plot be if it were sold today?	What was the ownership status of this plot the last completed short rainy season?	With whom do you co-own this plot?	What share does your household get of the output?
		▶!				▶!			▶!	NETWORK ROSTER ID	

1											
2											
3											
4											
5											
6											

D E L I N E	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. Does the owner/household have the right to sell this plot or use it as collateral?	31. Who in the household can decide whether to sell this plot or use it as collateral?	32. With whom do you co-rent this plot?	33. How much did you pay to the owner for the use of this land in the long rainy season 2012?	34. What period of time did this payment cover?	35. What share of output from this plot did you give as rent, if any, in the long rainy season 2012?	36. 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 NO TITLE.....11	LIST UP TO 2 JOINT OWNERS ID #1 ID #2	YES...1 NO...2 ▶38	LIST UP TO 2 ▶38 ID #1 ID #2	NETWORK ROSTER ID	INCLUDE: IN-KIND PAYMENTS, PAYMENT BY CROP OUTPUT, FUTURE / PLANNED PAYMENTS, PAST PAYMENTS FOR THE LONG RAINY SEASON 2012 IF NO PAYMENT IS TO BE MADE, WRITE "0" ▶35 T-SHILLINGS	MONTHS... 1 YEARS... 2 NO. UNITS UNIT	NONE.....1 ALMOST NONE.2 ABOUT 25%...3 ABOUT 50%...4 ABOUT 75%...5 ALMOST ALL..6	NETWORK ROSTER ID
1										
2										
3										
4										
5										
6										

D E L I N E		28. What type of title did your household have for this plot?	29. Who in the household owns 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. Who in the household can decide whether to sell this plot or use it as collateral?	32. With whom do you co-rent this plot?	33. How much did you pay to the owner for the use of this land in the last completed short rainy season?	34. What period of time did this payment cover?	35. What share of output from this plot did you give as rent, if any, in the last completed short rainy season 2012?	36. Who owns the plot?
			LIST UP TO 2 JOINT OWNERS ID #1 ID #2	▶!	▶! ID #1 ID #2	NETWORK ROSTER ID	T-SHILLINGS	NO. UNITS UNIT		NETWORK ROSTER ID
1										
2										
3										
4										
5										
6										

ORGANIC FERTILIZER

D E L I N E	P L O T I D	37. Who in the household has use right to this plot? LIST UP TO 2 <input type="button" value="▶39"/>	38. In which year was the plot acquired? YEAR [4 digit]	39. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it? YES...1 NO....2	40. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LONG RAINY SEASON 2012? YES...1 NO....2 ▶75	41. Did you use any ORGANIC FERTILIZER on [PLOT] in the long rainy season 2012? YES...1 NO....2 ▶47	42. What was the quantity of organic fertilizer used? KGs	43. Was any of this purchased? YES...1 NO....2 ▶47	44. How much was purchased? KG	45. What was the total value of organic fertilizer purchased? T-SHILLINGS	46. Where did you buy most of the organic fertilizer? LIST UP TO TWO NETWORK ROSTER ID 1 2
		ID #1 ID #2									

1											
2											
3											
4											
5											
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ORGANIC FERTILIZER

D E L I N E	▶!	37. Who in the household has use right to this plot? LIST UP TO 2	38. In which year was the plot acquired? YEAR [4 digit]	39. Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	40. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LAST SHORT RAINY SEASON? ▶!	41. Did you use any ORGANIC FERTILIZER on [PLOT] in the last completed short rainy season? ▶!	42. What was the quantity of organic fertilizer used? KG	43. Was any of this purchased? ▶!	44. How much was purchased? KG	45. What was the total value of organic fertilizer purchased? T-SHILLINGS	46. Where did you buy most of the organic fertilizer? LIST UP TO TWO NETWORK ROSTER ID 1 2
		ID #1 ID #2									

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6											

INORGANIC FERTILIZER

INORGANIC FERTILIZER

D E L I N E	P L O T I D	47. Did you use any INORGANIC FERTILIZER on [PLOT] in the long rainy season 2012? YES...1 NO...2 ▶60	48. What is the first type of INORGANIC FERTILIZER you used on this plot? 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	49. What quantity of [FERTILIZER] did you use? KG	50. Did you receive a voucher/ certificate for any of this [FERTILIZER]? YES...1 NO...2	51. What was the total value of [FERTILIZER] purchased? T-SHILLINGS	52. Why did you choose to use this specific type of inorganic fertilizer? ADVICE BY AGRICULTURAL OFFICER.....1 RECEIVED VOUCHER.....2 OWN EXPERIENCE....3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	53. Where did you buy most of the [FERTILIZER]? LIST UP TO TWO NETWORK ROSTER ID 1 2	54. Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the long rainy season 2012? YES..1 NO...2 ▶60	55. What is the second type of INORGANIC FERTILIZER you used on this plot? 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	56. What quantity of [FERTILIZER] did you use? KG	
		1										
		2										
		3										
		4										
		5										
6												

INORGANIC FERTILIZER

INORGANIC FERTILIZER

D E L I N E	P L O T I D	47. Did you use any INORGANIC FERTILIZER on [PLOT] in the short rainy season 2012? ▶!	48. What is the first type of INORGANIC FERTILIZER you used on this plot?	49. What quantity of [FERTILIZER] did you use? KG	50. Did you receive a voucher/ certificate for any of this [FERTILIZER]? ▶!	51. What was the total value of [FERTILIZER] purchased? T-SHILLINGS	52. Why did you choose to use this specific type of inorganic fertilizer?	53. Where did you buy most of the [FERTILIZER]? LIST UP TO TWO NETWORK ROSTER ID 1 2	54. Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the short rainy season 2012? ▶!	55. What is the second type of INORGANIC FERTILIZER you used on this plot?	56. What quantity of [FERTILIZER] did you use? KG	
		1										
		2										
		3										
		4										
		5										
6												

PESTICIDES/HERBICIDES												
D E L I N E	P L O T I D	57. Did you receive a voucher/ certificate for any of this [FERTILIZER]?	58. What was the total value of [FERTILIZER] purchased?	59. Where did you buy most of the [FERTILIZER]?	60. Did you use any pesticide/ herbicide on [PLOT] in the long rainy season 2012?	61. What was the main type of pesticide/herbicide that you applied?	62. What quantity of this pesticide/ herbicide did you use?	63. What was the total value of this pesticide/ herbicide purchased?	64. Why did you choose to use this specific type of pesticide/ herbicide?	65. Where did you buy most of the pesticides/ herbicides?		
		YES...1 NO...2	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1 2	YES..1 NO...2 ▶66	PESTICIDE.....1 HERBICIDE.....2 FUNGICIDE.....3 OTHER, SPECIFY.....4	KG.....1 LITRE.....2 MILLILITRE..3 OTHER, SPECIFY...4	AMOUNT UNIT	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	
1												
2												
3												
4												
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6												

PESTICIDES/HERBICIDES												
D E L I N E		57. Did you receive a voucher/ certificate for any of this [FERTILIZER]?	58. What was the total value of [FERTILIZER] purchased?	59. Where did you buy most of the [FERTILIZER]?	60. Did you use any pesticide/ herbicide on [PLOT] in the last completed short rainy season?	61. What was the main type of pesticide/herbicide that you applied?	62. What quantity of this pesticide/ herbicide did you use?	63. What was the total value of this pesticide/ herbicide purchased?	64. Why did you choose to use this specific type of pesticide/ herbicide?	65. Where did you buy most of the pesticides/ herbicides?		
		YES...1 NO...2	T-SHILLINGS	LIST UP TO TWO NETWORK ROSTER ID 1 2	▶!		AMOUNT UNIT	T-SHILLINGS		LIST UP TO TWO NETWORK ROSTER ID 1 2		
1												
2												
3												
4												
5												
6												

INPUTS ON CREDIT

D E L I N E	P L O T I D	66. Did you receive any seeds, fertilizers, pesticides or herbicides for [PLOT] on credit to be paid later on during the long rainy agricultural season 2012?	67. What were the types of input you received on credit? LIST ALL	68. How much did you pay up front for these inputs?	69. How much did you repay in cash later on for the inputs?	70. How much did you repay in kind later on for the inputs?	71. From whom did you receive these inputs on credit?		
		YES...1 NO...2 ▶72	SEEDS.....1 ORGANIC FERTILIZER...2 INORGANIC FERTILIZER...3 PESTICIDES / HERBICIDE....4	T-SHILLINGS	T-SHILLINGS	THIS CROP (KGS)1 LABOR (DAYS)2 OTHER, SPECIFY.....3	LIST UP TO TWO NETWORK ROSTER ID #1 #2		
#1	#2	#3	#4	T-SHILLINGS	T-SHILLINGS	QUANTITY	CODE	#1	#2
1									
2									
3									
4									
5									
6									

INPUTS ON CREDIT

D E L I N E		66. 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?	67. What were the types of input you received on credit? LIST ALL	68. How much did you pay up front for these inputs?	69. How much did you repay in cash later on for the inputs?	70. How much did you repay in kind later on for the inputs?	71. From whom did you receive these inputs on credit?		
		▶!	LIST UP TO TWO NETWORK ROSTER ID #1 #2	T-SHILLINGS	T-SHILLINGS	QUANTITY	CODE	#1	#2
#1	#2	#3	#4	T-SHILLINGS	T-SHILLINGS	QUANTITY	CODE	#1	#2
1									
2									
3									
4									
5									
6									

HOUSEHOLD LABOR

D E L I N E	P L O T I D	72. During the <u>long rainy season 2012</u> , how many days did [NAME] spend on the following activities on this plot?																												
		Land preparation and planting							Weeding							Ridging, Fertilizing, Other Non-Harvest Activites							Harvesting							
		ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	
1																														
2																														
3																														
4																														
5																														
6																														

HOUSEHOLD LABOR

D E L I N E	P L O T I D	72. During the last completed <u>short rainy season</u> , how many days did [NAME] spend on the following activities on this plot?																												
		Land preparation and planting							Weeding							Ridging, Fertilizing, Other Non-Harvest Activites							Harvesting							
		ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	
1																														
2																														
3																														
4																														
5																														
6																														

HIRED LABOR																	
D E L I N E	P L O T I D	73. Did you hire any labor to work on this plot in the long rainy season 2012? YES...1 NO...2 ▶75															
		74. During the long rainy season 2012, 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)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)
1																	
2																	
3																	
4																	
5																	
6																	

HIRED LABOR																	
D E L I N E	P L O T I D	73. Did you hire any labor to work on this plot in the last completed short rainy season? ▶!															
		74. During the last completed short rainy season, how many days did your household have hired labor for this plot for [...]?															
		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)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)	WOMAN DAYS	MAN DAYS	CHILD DAYS	TOTAL WAGE PAID (TSH)
1																	
2																	
3																	
4																	
5																	
6																	

LONG RAINY SEASON

D E L I N E	P L O T I D	75. WHEN WAS THE LAST SHORT RAINY SEASON? USE INFORMATION IN SECTION 2	76. Did you cultivate this plot in the short rainy season 2011?	77. What was the main crop cultivated on this plot in the short rainy season 2011?	78. Did you have use of this plot in the short rainy season 2011?	79. How did you acquire this plot for the long rainy season 2012?	80. How did you use this plot during the short rainy season 2011?	81. Did you cultivate this plot in the short rainy season 2012?	82. What was the main crop cultivated on this plot in the short rainy season 2012?	83. Did you have use of this plot in the short rainy season 2012?	84. Why did you not have this plot (owned or cultivated) in the short rainy season 2012?	85. How did you use this plot during the short rainy season 2012?
				OCT-DEC 2011...1 OCT-DEC 2012...2 ▶81	YES...1 NO...2 ▶78	▶ NEXT PLOT	YES...1 ▶80 NO...2	▶ NEXT PLOT BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING...3 CLEARED IT.....4 DISTRIBUTED BY VILLAGE.....5 RECEIVED AS GIFT..6 OCCUPIED.....7	▶ NEXT PLOT RENTED.....1 GIVEN.....2 FALLOW.....3 FOREST.....4 OTHER, SPECIFY...5	YES...1 NO...2 ▶83	▶ NEXT PLOT CROP CODE	YES...1 ▶85 NO...2

1												
2												
3												
4												
5												
6												

SHORT RAINY SEASON

D E L I N E		75. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A?	76. WHAT YEAR WAS THE LAST COMPLETED SHORT RAINY SEASON?	77. Why did you not have this plot (own or cultivate) during the long rainy season 2012? ▶ NEXT PLOT	78. How did you acquire this plot for the short rainy season 2012?
		YES...1 ▶NEXT PLOT NO...2	2011...1 2012...2 ▶78	SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE.....4 GIVEN AWAY.....5 STOPPED RENTING / SHARECROPPING..6	BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING.3 CLEARED IT.....4 DISTRIBUTED BY VILLAGE.....5 RECEIVED AS GIFT.....6 OCCUPIED.....7

1					
2					
3					
4					
5					
6					

3. PLOT DETAILS

3A. LONG RAINY SEASON

D E L I N E	P L O T I D	<p>1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2012. REFER TO SECTION 2A.</p>
----------------------------	--------------------------------	---

1		
2		
3		
4		
5		
6		

3B. SHORT RAINY SEASON

D E L I N E	P L O T I D	<p>1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2012 OR THE LAST COMPLETED VULI SEASON. REFER TO SECTIONS 2A AND 2B</p>
----------------------------	--------------------------------	--

1		
2		
3		
4		
5		
6		

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2012

SEEDS

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.	8.	9.
			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	What was the name of the main seed variety for this [CROP] on this plot? NAME	How many varieties of seed for this [CROP] were planted on this plot?	Were the seeds... IMPROVED.....1 TRADITIONAL...2 ▶10 IMPROVED, RECYCLED....3 ▶10 OTHER, SPECIFY....4	What was the type of improved seeds? CERTIFIED...1 QUALITY DECLARED...2

1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

4B. LAST COMPLETED SHORT RAINY SEASON

SEEDS

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.	8.	9.
			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? ▶ !	What was the name of the main seed variety for this [CROP] on this plot? NAME	How many varieties of seed for this [CROP] were planted on this plot?	Were the seeds... ▶ !	What was the type of improved seeds?

1											
2											
3											
4											
5											
6											
7											
8											

PRE-HARVEST LOSSES

10. What was the total amount of seeds used? KG.....1 20 LITER BUCKET.....2 SMALL CUP....3 LARGE CUP....4 OTHER, SPECIFY....5 QUANTITY UNIT	11. Did you receive a voucher/certificate for any of this [SEED]? YES...1 NO....2	12. What was the total amount paid for seeds? T-SHILLINGS	13. Where did you buy most of the seed? LIST UP TO TWO NETWORK ROSTER ID 1 2	14. Did you use any seeds from the previous season? YES...1 NO....2 ▶17	15. What type of seed were the seeds from the previous season? IMPROVED....1 TRADITIONAL..2 ▶17 IMPROVED, RECYCLED....3 ▶17 OTHER, SPECIFY....4	16. What type of improved seed were the seeds from the previous season? CERTIFIED..1 QUALITY DECLARED..2	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
--	--	---	--	---	--	--	--	---

PRE-HARVEST LOSSES

10. What was the total amount of seeds used? QUANTITY UNIT	11. Did you receive a voucher/certificate for any of this [SEED]?	12. What was the total amount paid for seeds? T-SHILLINGS	13. Where did you buy most of the seed? NETWORK ROSTER ID 1 2	14. Did you use any seeds from the previous season? ▶!	15. What type of seed were the seeds from the previous season? ▶!	16. What type of improved seed were the seeds from the previous season?	17. Were there any losses of crops before the harvest? ▶!	18. What was the cause of these losses?
--	--	---	--	--	---	--	---	--

HARVEST

19. Did you harvest any [CROP] on this plot in the long-rainy season 2012? YES...1 ▶21 NO...2	20. Why didn't you harvest any [CROP] on this plot? NOT MINE TO HARVEST...1 STILL IN PLOT..2 DESTRUCTION...3 OTHER, SPECIFY..4 ▶NEXT CROP	21. What was the area harvested in the long rainy season 2012? ACRES	22. Was area harvested less than area planted? YES...1 NO...2 ▶24	23. What was the reason it was less than the area planted? USE CODES AT RIGHT	24. What was the first and last month of the harvest period? PUT "0" IN "END" IF NOT YET COMPLETE MONTH BEGIN END	25. Have you finished the harvest? YES...1 ▶28 NO...2	26. How many more days do you expect the harvest to last? DAYS	27. What fraction of the crop remains to be harvested in this period? PERCENT	28. What was the quantity harvested? CONVERT LOCAL UNITS TO KILOGRAMS KG	29. What is the estimated value of the harvested crop? HOW MUCH WAS HARVEST WORTH IN THE MARKET DURING HARVEST SEASON? T-SHILLINGS	30. Who in the household made the decisions concerning the use of the harvested crop? LIST UP TO TWO ID #1 ID #2
---	---	--	---	--	---	---	--	---	---	--	---

CODES FOR Q23
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

HARVEST

19. Did you harvest any [CROP] on this plot in the last short-rainy season? ▶!	20. Why didn't you harvest any [CROP] on this plot? ▶!	21. What was the area harvested in last short rainy season? ACRES	22. Was area harvested less than area planted? ▶!	23. What was the reason it was less than the area planted? USE CODES AT RIGHT	24. What was the first and last month of the harvest period? MONTH BEGIN END	25. Have you finished the harvest? ▶!	26. How many more days do you expect the harvest to last? DAYS	27. What fraction of the crop remains to be harvested in this period? PERCENT	28. What was the quantity harvested? KG	29. What is the estimated value of the harvested crop? T-SHILLINGS	30. Who in the household made the decisions concerning the use of the harvested crop? LIST UP TO TWO ID #1 ID #2
--	--	---	---	--	---	---	--	---	---	--	---

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2012

D E L I N E	P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LONG RAINY SEASON 2012. FOR EACH PLOT LIST ALL ANNUAL CROPS CULTIVATED.	
			PLOT NAME	CROP NAME

1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

4B. LAST COMPLETED SHORT RAINY SEASON

D E L I N E	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

1				
2				
3				
4				
5				
6				
7				
8				

5. CROPS - HOUSEHOLD TOTALS

**5A. LONG RAINY SEASON 2012
SALES**

D E L I N E	C R O P CODE	1. Did you sell any of the [CROP] produced in the long rainy season 2012?	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 the largest amount of [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 is responsible for negotiating the sale of [CROP] to [CUSTOMER #1]?	10. Who in your household decided what to do with these earnings?	11. To which persons, firms or institutions did you sell the second largest amount of [CROP]?
		YES...1 NO...2 ▶23	CONVERT LOCAL UNITS INTO KILOGRAMS KG	T-SHILLINGS	LIST LARGEST CUSTOMER NETWORK ROSTER ID CODE CUSTOMER #1	KG	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	HH ID #1 HH ID #2	HH ID #1 HH ID #2	IF NONE, WRITE 99 AND ▶ 18 NETWORK ROSTER ID CODE CUSTOMER #2
1												
2												
3												
4												
5												

**5B. SHORT RAINY SEASON
SALES**

D E L I N E	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 the largest amount of [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 is responsible for negotiating the sale of [CROP] to [CUSTOMER #1]?	10. Who in your household decided what to do with these earnings?	11. To which persons, firms or institutions did you sell the second largest amount of [CROP]?
		▶!	CONVERT LOCAL UNITS INTO KILOGRAMS KG	T-SHILLINGS	LIST LARGEST CUSTOMER NETWORK ROSTER ID CODE CUSTOMER #1	KG	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	HH ID #1 HH ID #2	HH ID #1 HH ID #2	IF NONE, WRITE 99 AND ▶ 18 NETWORK ROSTER ID CODE CUSTOMER #2
1												
2												
3												

TRANSPORT

12. What quantity of [CROP] did you sell to [CUSTOMER #2]?	13. What was the total value of these sales to [CUSTOMER #2]?	14. During which month did you sell most of [CROP] to [CUSTOMER #2]?	15. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	16. Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #2]?	17. Who in your household decided what to do with these earnings?	18. Generally, did you transport [CROP] for sale?	19. What is the average distance you transported [CROP] for sale?	20. How many times did you transport [CROP] for sale during the long rainy season in 2012?	21. Generally, how did you transport [CROP]?	22. How much did you pay to transport [CROP] during the long rainy season 2012?
KG	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	HH ID #1 HH ID #2 LIST UP TO 2 FROM HOUSEHOLD ROSTER	HH ID #1 HH ID #2 LIST UP TO 2 FROM HOUSEHOLD ROSTER	YES... 1 NO... 2 ▶23	KM	# TIMES	ON FOOT...1 BICYCLE...2 ANIMAL...3 CAR...4 OTHER, SPECIFY...5	INCLUDE ROUNDTRIP TRANSPORTATION

TRANSPORT

12. What quantity of [CROP] did you sell to [CUSTOMER #2]?	13. What was the total value of these sales to [CUSTOMER #2]?	14. During which month did you sell most of [CROP] to [CUSTOMER #2]?	15. Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	16. Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #2]?	17. Who in your household decided what to do with these earnings?	18. Did you transport [CROP] for sale?	19. What is the average distance you transported [CROP] for sale?	20. How many times did you transport [CROP] for sale during the short rainy season?	21. How did you transport [CROP]?	22. How much did you pay to transport [CROP] during the short rainy season?
KG	T-SHILLINGS	MONTH YEAR	TRANSACTIONS	HH ID #1 HH ID #2 LIST UP TO 2 FROM HOUSEHOLD ROSTER	HH ID #1 HH ID #2 LIST UP TO 2 FROM HOUSEHOLD ROSTER	▶ !	KM	# TIMES		INCLUDE ROUNDTRIP TRANSPORTATION

STORAGE					POST-HARVEST LOSSES				
23. Do you have any of the harvest from the long rainy season 2012 in storage now? YES...1 NO....2 ▶29	24. How much of this harvest do you still have in storage? AMOUNT KG	25. What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE...1 LOCALLY MADE IMPROVED STRUCTURE.....2 MODERN STORE.....3 SACKS / OPEN DRUM.....4 AIRTIGHT DRUM.....5 UNPROTECTED PILE.....6 CEILING.....7 OTHER, SPECIFY.....8	26. Did you do anything to protect the stored crop? YES...1 NO....2 ▶28	27. What did you do? SPRAYING...1 SMOKING....2 OTHER, SPECIFY...3	28. 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, SPECIFY....4	29. Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc? YES...1 NO....2 ▶33	30. What was the reason for the loss? ROTTING..1 INSECTS..2 PESTS...3 THEFT...4 OTHER, SPECIFY.5	31. Out of 10 units of [CROP], how many were lost? NUMBER (0-10)	32. What was the value of this lost crop? T-SHILLINGS

STORAGE					POST-HARVEST LOSSES				
23. Do you have any of the harvest from the last completed short rainy season in storage now? ▶!	24. How much of this harvest do you still have in storage? AMOUNT KG	25. What is your main method of storage?	26. Did you do anything to protect the stored crop? ▶!	27. What did you do?	28. When you store [CROP], what is usually the main purpose of storing it?	29. Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc? ▶!	30. What was the reason for the loss?	31. Out of 10 units of [CROP], how many were lost? NUMBER (0-10)	32. What was the value of this lost crop? T-SHILLINGS

CROP RESIDUE

<p>33. What was done with the residue from this crop?</p> <p>CROP PRODUCES NO RESIDUE.....1 (▶NEXT CROP) RESIDUE WAS LEFT IN FIELD.....2 (▶NEXT CROP) MULCHED.....3 (▶NEXT CROP) FOR GRAZING OWN ANIMALS.....4 (▶NEXT CROP) FOR GRAZING OTHERS' ANIMALS...5 FEEDING OWN ANIMALS.....6 (▶NEXT CROP) FOR SALE.....7 OTHER, SPECIFY.....8</p> <p>LIST UP TO TWO</p> <p>1 2</p>	<p>34. What was the quantity sold?</p> <p>KG</p>	<p>35. What was the total value of the sales?</p> <p>T-SHILLINGS</p>	<p>36. To which persons, firms or institutions did you sell the most of the residue from this [CROP]?</p> <p>LIST UP TO TWO START WITH THE LARGEST CUSTOMER</p> <p>NETWORK ROSTER ID CODE</p> <p>1 2</p>
--	--	--	---

CROP RESIDUE

<p>33. What was done with the residue from this crop?</p> <p><input type="button" value="▶ !"/></p> <p>LIST UP TO TWO</p> <p>1 2</p>	<p>34. What was the quantity sold?</p> <p>KG</p>	<p>35. What was the total value of the sales?</p> <p>T-SHILLINGS</p>	<p>36. To which persons, firms or institutions did you sell the most of the residue from this [CROP]?</p> <p>LIST UP TO TWO</p> <p>NETWORK ROSTER ID CODE</p> <p>1 2</p>
---	--	--	---

5. CROPS - HOUSEHOLD TOTALS

5A. LONG RAINY SEASON 2012

D E L I N E	C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2012, AS LISTED IN SECTION 4
	CODE	CROP NAME

1		
2		
3		
4		
5		

5B. SHORT RAINY SEASON

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

1		
2		
3		

7. PERMANENT CROPS - HOUSEHOLDS TOTAL

7A. FRUIT CROPS

STORAGE

D E L I N E	F R U I T	1.	2.	3.	4.	5.	6.	7.	8.	9.
		LIST ALL FRUIT TREES REPORTED IN SECTION 6A FRUIT NAME	Did you sell any of the [FRUIT] collected? YES...1 NO...2 ▶8	What was the total quantity sold? KG	What was the total value of [FRUIT] sold? T-SHILLINGS	Who in your household was responsible for negotiating the sale of the [FRUIT]? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Who in your household decided what to do with these earnings? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Where did you sell most of the [FRUIT]? START WITH THE LARGEST CUSTOMER LIST UP TO TWO NETWORK ROSTER ID 1 2	Do you have any of this harvest in storage now? YES...1 NO...2 ▶13	How much of this harvest do you still have in storage? AMOUNT KG
1										
2										
3										
4										
5										

7B. PERMANENT CROPS

STORAGE

D E L I N E	C R O P	1.	2.	3.	4.	5.	6.	7.	8.	9.
		LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B CROP NAME	Did you sell any of the [CROP] collected? YES...1 NO...2 ▶8	What was the total quantity sold? KG	What was the total value of this [CROP] sold? T-SHILLINGS	Who in your household was responsible for negotiating the sale of the [CROP]? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Who in your household decided what to do with these earnings? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Where did you sell most of the [CROP]? START WITH THE LARGEST CUSTOMER LIST UP TO TWO NETWORK ROSTER ID 1 2	Do you have any of this harvest in storage now? YES...1 NO...2 ▶13	How much of this harvest do you still have in storage? AMOUNT KG
1										
2										
3										
4										
5										

POST-HARVEST LOSSES

D E L I N E	F R U I T	LIST ALL FRUIT TREES REPORTED IN SECTION 6A	10. What is your main method of storage?	11. Did you do anything to protect the stored crop?	12. What did you do?	13. Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	14. What was the reason for this loss?	15. Out of 10 units of [FRUIT], how many were lost?	16. What was the value of this lost [FRUIT]?
		FRUIT NAME	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	YES...1 NO....2 ► 13	SPRAYING...1 SMOKING...2 OTHER, SPECIFY...3	YES...1 NO....2 ►NEXT FRUIT	ROTTING...1 INSECTS...2 RODENTS, PESTS...3 THEFT.....4 OTHER SPECIFY...5	NUMBER (0-10)	T-SHILLINGS
1									
2									
3									
4									
5									

POST-HARVEST LOSSES

D E L I N E	P E R M A N E N T C R O P S	LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	10. What is your main method of storage?	11. Did you do anything to protect the stored crop?	12. What did you do?	13. Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc?	14. What was the reason for this loss?	15. Out of 10 units of [CROP] how many were lost?	16. What was the value of this lost [CROP]?
		CROP NAME	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	YES...1 NO....2 ►13	SPRAYING...1 SMOKING...2 OTHER, SPECIFY...3	YES...1 NO....2 ►NEXT CROP	ROTTING...1 INSECTS...2 RODENTS, PESTS...3 THEFT.....4 OTHER SPECIFY...5	NUMBER (0-10)	T-SHILLINGS
1									
2									
3									
4									
5									

8. INPUT VOUCHERS

1. Has your household ever received an input vouchers?	YES...1 NO...2 (▶SECTION 9)	<input style="width: 60px; height: 20px;" type="text"/>
2. In what year did your household start receiving input vouchers?		<input style="width: 60px; height: 20px;" type="text"/> YEAR

	3 Did your household receive any vouchers to buy [INPUT] in the 2012/2013 planting season even if you did not use them? YES...1 NO...2 (▶NEXT INPUT)	4. How many vouchers did your household receive for [INPUT]?	5. Who in your household received the vouchers for [INPUT]? LIST UP TO TWO FROM HOUSEHOLD ROSTER		6. How many vouchers did you redeem for [INPUT]? If '0' ▶NEXT ROW	7. How much did you pay as a top up for [INPUT] when redeeming the vouchers? EXCLUDE TRANSPORTATION COSTS ESTIMATE THE VALUE OF IN-KIND PAYMENTS.	8. How much did you pay for transportation to acquire the [INPUT] with the vouchers? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM	9. How many kilograms did you receive from your vouchers for [INPUT]?	10. How many kilograms from these vouchers for [INPUT] did you use in the 2012/2013 planting season? IF NONE, WRITE '0'	11. How many kilograms from these vouchers for [INPUT] did you sell, barter or trade? IF NONE, WRITE '0'	12. How many kilograms from these vouchers for [INPUT] did you give away? IF NONE, WRITE '0'	13. How many kilograms from these vouchers for [INPUT] do you still have in storage? IF NONE, WRITE '0'
INPUT		NUMBER	ID#1	ID#2	NUMBER	TSH	TSH	KG	KG	KG	KG	KG
A. UREA												
B. DAP/Minjingu												
C. Maize hybrid												
D. Maize OPV												
E. Paddy												

9. 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 10

9A. LONG RAINY SEASON 2012

2 What crops were grown as part of an outgrower scheme or contract farming system in the long rainy season 2012? NONE ▶ SECTION 9B CROP	3 What farm/company did you work with in this scheme? NETWORK ID	4 What did you agree in advance (before planting) with the buyer as part of this scheme? YES...1 NO...2						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
		CROP SALE PRICE	AMOUNT PRODUCED	AREA PLANTED	QUALITY OF CROP	DATE OF HARVEST	OTHER, SPECIFY					

9B. LAST COMPLETED SHORT RAINY SEASON

2011 | | 2012 | |

2 What crops were grown as part of an outgrower scheme or contract farming system in the last completed short rainy season? NONE ▶ SECTION 9C CROP	3 What farm/company did you work with in this scheme? NETWORK ID	4 What did you agree in advance (before planting) with the buyer as part of this scheme? YES...1 NO...2						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
		CROP SALE PRICE	AMOUNT PRODUCED	AREA PLANTED	QUALITY OF CROP	DATE OF HARVEST	OTHER, SPECIFY					

9C. 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 10 CROP	3 What farm/company did you work with in this scheme? NETWORK CODE	4 What did you agree in advance (before planting) with the buyer as part of this scheme? YES...1 NO...2						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
		CROP SALE PRICE	AMOUNT PRODUCED	AREA PLANTED	QUALITY OF CROP	DATE OF HARVEST	OTHER, SPECIFY					

10. 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 11

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. In total, how much [CROP] did you use in total as input for the [BY-PRODUCT] in the last 12 months?	6. Was any [BY-PRODUCT] sold?	7. How much was sold?	8. How much [CROP] did you use as input for the sold [BY-PRODUCT]?	9. Who in your household was responsible for negotiating the sale of [BY-PRODUCT]?
NAME CROP CODE PROCESSED...1 BY-PRODUCT..2	USE CODES BELOW	KG....1 LITER..2 AMOUNT UNIT	KG ►13	YES...1 NO....2 ►13	KG....1 LITER..2 AMOUNT UNIT	KG ►13	LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2

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

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? T-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	Power tiller								
15	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. Who in your household received advice from [SOURCE]? LIST UP TO 4 PEOPLE IN HH				4. How would you rate the advice received? GOOD...1 AVERAGE...2 BAD...3	5. Did you pay anything in order to receive the advice? YES...1 NO...2 ▶7	6. How much did you pay? T-SHILLINGS	7. How many times did someone from [SOURCE] visit your farm in the past 12 months? PUT 0 IF NEVER
	A. Agricultural	B. Agro-processing	C. Marketing	D. Fishing Production	E. Livestock Production	F. Prevention of Livestock diseases	ID #1	ID #2	ID #3	ID #4					

1	Government extension														
2	NGO														
3	Cooperative/Farmer's Association														
4	Large Scale Farmer														
5	Other, Specify														

SOURCE	8 In the past 12 months did anyone in your household receive any information about agricultural prices from [SOURCE]? YES...1 NO...2 ▶NEXT ROW	9. Did you pay anything in order to receive the advice? YES...1 NO...2 ▶NEXT ROW	10. 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/Television		
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
 Tungamaa.....211
 Vanilla.....212

Vegetables:

Cabbage.....86
 Tomatoes.....87
 Spinach.....88
 Carrot.....89
 Chillies.....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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