



United Republic of Tanzania  
National Bureau of Statistics

**NATIONAL PANEL SURVEY (NPS 2018/2019)**

*This information is collected under the Act of the Parliament (Act No. 9 of 2015)  
THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.*

**AGRICULTURAL QUESTIONNAIRE**

**SECTION A-1: HOUSEHOLD IDENTIFICATION**

	CODE	NAME
1. REGION:	<input type="text"/> <input type="text"/>	.....
2. DISTRICT	<input type="text"/> <input type="text"/>	.....
3. WARD	<input type="text"/> <input type="text"/> <input type="text"/>	.....
3_1. KIJILI / MTAA:	<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:		.....
7_1. WAS THIS HOUSHOLD PART OF NPS YEAR 4?	YES.....1 NO.....2 ▶9_1	
8. NAME OF HOUSEHOLD HEAD FROM NPS YEAR 4:		.....
9. FULL HOUSEHOLD IDENTIFICATION FROM NPS YEAR 4:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/>	
9_1. (REFER TO HOUSEHOLD QUESTIONNAIRE) ROSTER ID NUMBER FROM COVER, Q13:	<input type="text"/> <input type="text"/> <input type="text"/>	
9_2. ROSTER ID OF THE MAIN RESPONDENT OF THE AGRICULTURE QUESTIONNAIRE	<input type="text"/> <input type="text"/> <input type="text"/>	



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 2014/2015 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			
V1												
V2												
V3												
V4												

22.

NORTH  
↑

WEST

HOUSE

EAST

SOUTH

*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

D E L I N E	P L O T  I D	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2018.  REFER TO SECTION 2A.	2. What is the distance from [PLOT] to:			3. How did you use this plot during the long rainy season 2018?	4. What was the total income from renting out this plot during the long rainy season 2018?	7. What was the main crop cultivated on this plot in the long rainy season 2018?	8. Who decided what to plant on this plot in the long rainy season 2018?					
		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	INCLUDE: IN-KIND INCOME INCOME BY CROP OUTPUT FUTURE/ PLANNED INCOMES  ▶10	CROP NAME	CODE	ID #1	ID #2	ID #3	NETWORK ROSTER CODE	LOCATION	
1														
2														
3														
4														
5														
6														

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2017 [\_\_\_] 2018 [\_\_\_]

#### 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 2018 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?	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?				
		YES...1 ▶40 NO....2	HOME KM	ROAD KM	MARKET KM	▶!	T-SHILLINGS	CROP NAME	CODE	ID #1	ID #2	ID #3	NETWORK ROSTER CODE	LOCATION
1														
2														
3														
4														
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6														

**3. PLOT DETAILS**

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 2018?					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 2018?	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 2018?	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	CODE	LOCATION	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	1ST	2ND	FLAT BOTTOM....1 FLAT TOP...2 SLIGHTLY SLOPED....3 VERY STEEP..4
1																
2																
3																
4																
5																
6																

D E L I N E		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	CODE	LOCATION					▶!		▶!	1ST	2ND	
1																
2																
3																
4																
5																
6																

**3. PLOT DETAILS**

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 2018?	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?	How was this plot acquired?	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	INHERITANCE.....1 ▶28a GIFT.....2 ▶28a BORROWING FROM FAMILY MEMBER.....3 ▶33 LAND ALLOCATION FROM VILLAGE COUNCIL.....4 ▶36 PURCHASED.....5 ▶28a USED FREE OF CHARGE..6 ▶36 RENTED IN.....7 ▶33 SHARED - RENT.....8 ▶32 SHARED - OWN.....9 SQUATTING, CLEARING..10 ▶36 OTHER, SPECIFY.....11 ▶36	NETWORK ROSTER CODE   LOCATION	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 CODE   LOCATION	
1											
2											
3											
4											
5											
6											

**3. PLOT DETAILS**

D E L I N E	P L O T  I D	28a.	28b.	28c.	28d.	29.	30.	31.	31a.	32.	33.
		What type of legal certificate does your household have for this plot?  GRANTED RIGHT OF OCCUPANCY.....1 ▶28d CERTIFICATE OF CUSTOMARY RIGHTS OF OCCUPANCY.....2 ▶28d NO CERTIFICATE.....3	Would you like to apply for a CCRO/GRO for this plot?  YES...1 NO...2 ▶28d	Would you be willing to pay for legal certification?  YES...1 NO...2	What other types of ownership or legal documents does your household have for this plot?  VILLAGE-GOVERNMENT-WITNESSED PURCHASE AGREEMENT.....1 LOCAL-COURT-CERTIFIED PURCHASE AGREEMENT.....2 INHERITANCE LETTER.....3 LETTER OF ALLOCATION FROM VILLAGE GOV'T.....4 OTHER GOVERNMENT DOCUMENT.....5 OFFICIAL CORRESPONDENCE.....6 UTILITY OR OTHER BILL.....7 NO DOCUMENTATION.....8	Who in the household owns this plot?  LIST UP TO 2 JOINT OWNERS ID #1   ID #2	Does the owner/household have the right to sell this plot or use it as collateral?  YES...1 NO...2 ▶38	Who in the household can decide whether to sell this plot or use it as collateral?  LIST UP TO 2  ID #1   ID #2	If you were to sell this plot, do you need approval from other parties to sell it?  ▶38  YES...1 NO...2	With whom do you co-rent this plot?  NETWORK ROSTER CODE   LOCATION	How much did you pay to the owner for the use of this land in the long rainy season 2018?  INCLUDE: IN-KIND PAYMENTS, PAYMENT BY CROP OUTPUT, FUTURE / PLANNED PAYMENTS, PAST PAYMENTS FOR THE LONG RAINY SEASON 2018  IF NO PAYMENT IS TO BE MADE, WRITE "0" ▶ 35  T-SHILLINGS
1											
2											
3											
4											
5											
6											

D E L I N E		28a.	28b.	28c.	28d.	29.	30.	31.	31a.	32.	33.
		What type of legal certificate does your household have for this plot?  ▶!	Would you like to apply for a CCRO/GRO for this plot?  ▶!	Would you be willing to pay for legal certification?  ▶!	What other types of ownership or legal documents does your household have for this plot?	Who in the household owns this plot?  LIST UP TO 2 JOINT OWNERS ID #1   ID #2	Does the owner/household have the right to sell this plot or use it as collateral?  ▶!	Who in the household can decide whether to sell this plot or use it as collateral?  ID #1   ID #2	If you were to sell this plot, do you need approval from other parties to sell it?  ▶!  NETWORK ROSTER CODE   LOCATION	With whom do you co-rent this plot?  ▶!	How much did you pay to the owner for the use of this land in the last completed short rainy season?  ▶!  T-SHILLINGS
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**3. PLOT DETAILS**

D E L I N E	P L O T  I D	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 2018?		36. Who owns the plot?		37. Who in the household has use right to this plot?		38. In which year was the plot acquired?		38a. Did you have any land dispute or disagreement with anyone over this plot in the last 12 months?		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 LONG RAINY SEASON 2018?		41. Did you use any ORGANIC FERTILIZER on [PLOT] in the long rainy season 2018?		42. What was the quantity of organic fertilizer used?		43. Was any of this purchased?		44. How much was purchased?		
		NO. UNITS	UNIT	NONE.....1 ALMOST NONE...2 ABOUT 25%.....3 ABOUT 50%.....4 ABOUT 75%.....5 ALMOST ALL....6							YES...1 NO....2	YES...1 NO....2	YES...1 NO....2 ▶75	YES...1 NO....2 ▶47		YES...1 NO....2 ▶47	YES...1 NO....2 ▶47									
		NETWORK ROSTER				LIST UP TO 2																				
		CODE	LOCATION	ID #1	ID #2	YEAR [4 DIGIT]																				
1																										
2																										
3																										
4																										
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D E L I N E	P L O T  I D	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 2018?		36. Who owns the plot?		37. Who in the household has use right to this plot?		38. In which year was the plot acquired?		38a. Did you have any land dispute or disagreement with anyone over this plot in the last 12 months?		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?		43. Was any of this purchased?		44. How much was purchased?			
		NO. UNITS	UNIT								YES...1 NO....2	YES...1 NO....2	▶!	▶!		YES...1 NO....2 ▶!	YES...1 NO....2 ▶!	YES...1 NO....2 ▶!									
		NETWORK ROSTER				LIST UP TO 2																					
		CODE	LOCATION	ID #1	ID #2	YEAR [4 DIGIT]																					
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3																											
4																											
5																											
6																											

### 3. PLOT DETAILS

D E L I N E	P L O T  I D	INORGANIC FERTILIZER					INORGANIC FERTILIZER				
		45. What was the total value of organic fertilizer purchased?  T-SHILLINGS	46. Where did you buy most of the organic fertilizer?  NETWORK ROSTER CODE   LOCATION	47. Did you use any INORGANIC FERTILIZER on [PLOT] in the long rainy season 2018?  YES...1 NO...2 ▶60	48. What is the <b>first</b> 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 OTHER, SPECIFY.....8	49. What quantity of [FERTILIZER] did you use?  KG	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 OWN EXPERIENCE....3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	53. Where did you buy most of the [FERTILIZER]?  NETWORK ROSTER CODE   LOCATION	54. Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the long rainy season 2018?  YES...1 NO...2 ▶60	55. What is the <b>second</b> 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 OTHER, SPECIFY.....8
1											
2											
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D E L I N E		INORGANIC FERTILIZER					INORGANIC FERTILIZER				
		45. What was the total value of organic fertilizer purchased?  T-SHILLINGS	46. Where did you buy most of the organic fertilizer?  NETWORK ROSTER CODE   LOCATION	47. Did you use any INORGANIC FERTILIZER on [PLOT] in the short rainy season 2018?  ▶!	48. What is the <b>first</b> type of INORGANIC FERTILIZER you used on this plot?	49. What quantity of [FERTILIZER] did you use?  KG	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]?  NETWORK ROSTER CODE   LOCATION	54. Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the short rainy season 2018?  ▶!	55. What is the <b>second</b> type of INORGANIC FERTILIZER you used on this plot?
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**3. PLOT DETAILS**

D E L I N E	P L O T I D	HERBICIDES						PESTICIDES					
		56. What quantity of [FERTILIZER] did you use?  KG	58. What was the total value of [FERTILIZER] purchased?  T-SHILLINGS	59. Where did you buy most of the [FERTILIZER]?  NETWORK ROSTER CODE   LOCATION	60. Did you use any herbicide on [PLOT] in the long rainy season 2018?  YES...1 NO...2 ▶65a	62. What quantity of this herbicide did you use?  KG.....1 LITRE.....2 MILLILITRE..3 OTHER, SPECIFY...4	63. What was the total value of this herbicide purchased?  T-SHILLINGS	64. Why did you choose to use this specific type of herbicide?  ADVICE BY AGRICULTURAL OFFICER.....1 OWN EXPERIENCE...3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	65. Where did you buy most of the herbicides?  NETWORK ROSTER CODE   LOCATION	65a. Did you use any pesticide on [PLOT] in the long rainy season 2018?  YES...1 NO...2 ▶66	65b. What quantity of this pesticide did you use?  KG.....1 LITRE.....2 MILLILITRE..3 OTHER, SPECIFY...4		
1													
2													
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D E L I N E	HERBICIDES						PESTICIDES			
	56. What quantity of [FERTILIZER] did you use?  KG	58. What was the total value of [FERTILIZER] purchased?  T-SHILLINGS	59. Where did you buy most of the [FERTILIZER]?  NETWORK ROSTER CODE   LOCATION	60. Did you use any herbicide on [PLOT] in the last completed short rainy season?  ▶!	62. What quantity of this herbicide did you use?  AMOUNT   UNIT	63. What was the total value of this herbicide purchased?  T-SHILLINGS	64. Why did you choose to use this specific type of herbicide?	65. Where did you buy most of the herbicides?  NETWORK ROSTER CODE   LOCATION	65a. Did you use any pesticide on [PLOT] in the last completed short rainy season?  ▶!	65b. What quantity of this pesticide did you use?  AMOUNT   UNIT
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**3. PLOT DETAILS**

D E L I N E	P L O T  I D	INPUTS ON CREDIT								MECHANIZATION			
		65c. What was the total value of this pesticide purchased?  T-SHILLINGS	65d. Why did you choose to use this specific type of pesticide?  ADVICE BY AGRICULTURAL OFFICER.....1 OWN EXPERIENCE.....3 NEIGHBOUR ADVICE...4 OTHER, SPECIFY.....5	65e. Where did you buy most of the pesticides?  NETWORK ROSTER CODE   LOCATION	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 2018?  YES...1 NO...2 ▶71a	67. What were the types of input you received on credit? LIST ALL  SEEDS.....1 ORGANIC FERTILIZER...2 INORGANIC FERTILIZER...3 PESTICIDES / HERBICIDE....4	#1   #2   #3   #4	68. How much did you pay up front for these inputs?  T-SHILLINGS	69. How much did you repay in cash later on for the inputs?  T-SHILLINGS	70. How much did you repay in kind later on for the inputs?  THIS CROP (KGS)..1 LABOR (DAYS)....2 OTHER, SPECIFY...3	QUANTITY   CODE	71. From whom did you receive these inputs on credit?  NETWORK ROSTER CODE   LOCATION	71a. Did you use any mechanization on this plot in the long rainy season 2018?  YES...1 NO...2
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D E L I N E	P L O T  I D	INPUTS ON CREDIT								MECHANIZATION		
		65c. What was the total value of this pesticide purchased?  T-SHILLINGS	65d. Why did you choose to use this specific type of pesticide?	65e. Where did you buy most of the pesticides?  NETWORK ROSTER CODE   LOCATION	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  #1   #2   #3   #4	68. How much did you pay up front for these inputs?  T-SHILLINGS	69. How much did you repay in cash later on for the inputs?  T-SHILLINGS	70. How much did you repay in kind later on for the inputs?  QUANTITY   CODE	71. From whom did you receive these inputs on credit?  NETWORK ROSTER CODE   LOCATION	71a. Did you use any mechanization on this plot in the last short rainy season?  YES...1 NO...2	71b. Did you use any animal traction on this plot in the last short rainy season?  YES...1 NO...2
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**3. PLOT DETAILS**

**HOUSEHOLD LABOR**

D E L I N E	P L O T  I D	72. During the long rainy season 2018, how many days did [NAME] spend on the following activities on this plot?																			
		Land preparation and planting							Weeding, Ridging, Fertilizing, Other Non-Harvest and Non-Planting Activities							Harvesting & Threshing					
		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:
1																					
2																					
3																					
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5																					
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**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 Activities and Non-Planting Activities							Harvesting & Threshing					
		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:
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**3. PLOT DETAILS**

**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 2018?  YES...1 NO...2 ▶75				74. During the long rainy season 2018, how many days did your household have hired labor for this plot for [...]? <b>INCLUDE IN-KIND PAYMENTS</b>							
		Land preparation and planting				Weeding, Ridging, Fertilizing, Other Non-Harvest Activities and Non-Planting Activities				Harvesting & Threshing			
		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													
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5													
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**HIRED LABOR**

D E L I N E		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 Activities and Non-Planting Activities				Harvesting & Threshing			
		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													

**3. PLOT DETAILS**

**SHORT RAINY SEASON**

D E L I N E	P L O T  I D	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.
		WHEN WAS THE LAST SHORT RAINY SEASON?  USE INFORMATION IN SECTION 2  OCT-DEC 2017..1 OCT-DEC 2018..2 ▶81	Did you cultivate this plot in the short rainy season 2017?  YES...1 NO....2 ▶78	What was the main crop cultivated on this plot in the short rainy season 2017?  ▶ NEXT PLOT  CROP CODE	Did you have use of this plot in the short rainy season 2017?  YES...1 ▶80 NO....2	How did you acquire this plot for the long rainy season 2018?  BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING...3 CLEARED IT.....4 DISTRIBUTED BY VILLAGE.....5 RECEIVED AS GIFT..6 OCCUPIED.....7  ▶ NEXT PLOT	How did you use this plot during the short rainy season 2017?  RENTED.....1 GIVEN.....2 FALLOW.....3 FOREST.....4 OTHER, SPECIFY...5  ▶ NEXT PLOT	Did you cultivate this plot in the short rainy season 2018?  YES...1 NO....2 ▶83	What was the main crop cultivated on this plot in the short rainy season 2018?  ▶ NEXT PLOT  CROP CODE	Did you have use of this plot in the short rainy season 2018?  YES...1 ▶85 NO....2	Why did you not have this plot (owned or cultivated) in the short rainy season 2018?  SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE...4 GIVEN AWAY.....5 STOPPED RENTING /SHARECROPPING.6  ▶ NEXT PLOT	How did you use this plot during the short rainy season 2018?  RENTED...1 GIVEN...2 FALLOW...3 FOREST...4 OTHER, SPECIFY.5  ▶ NEXT PLOT
1												
2												
3												
4												
5												
6												

D E L I N E	
----------------------------	--

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	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2018.  REFER TO SECTION 2A.
----------------------------	--------------------------------	--

1		
2		
3		
4		
5		
6		

#### 3B. SHORT 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 2018 OR THE LAST COMPLETED VULI SEASON.  REFER TO SECTIONS 2A AND 2B
----------------------------	--------------------------------	--

1		
2		
3		
4		
5		
6		

**4. CROPS BY PLOT**

**4A. LONG RAINY SEASON 2018**

**SEEDS**

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	8.	10.
			Was crop planted in entire area of plot?  YES...1 ▶4	Approximately, how much of the plot was planted with [CROP]?  1/4.....1 1/2.....2	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	Was cultivation intercropped?  YES...1	What is the reason for this intercropping?  MORE FERTILE FOR THE SOIL.....1 SUBSTITUTE IF EITHER CROP FAILS.....2 OTHER,	What was the name of the main seed variety for this [CROP] on this plot?  NAME	Were the main seeds...  IMPROVED.....1 TRADITIONAL..2 IMPROVED, RECYCLED....3 OTHER,	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
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.	8.	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?  ▶ !	What was the name of the main seed variety for this [CROP] on this plot?  NAME	Were the main seeds...  ▶ !	What was the total amount of seeds used?  QUANTITY   UNIT
1										
2										
3										
4										
5										
6										
7										
8										

D E L I N E	PRE-HARVEST LOSSES				HARVEST				
	10a. How much of the total seeds used on the plot came from the previous season?	10b. What type of seeds were used from the previous season?	10c. How much of the total seed used on plot came from purchases?	12. What was the total amount paid for seeds?	13. Where did you buy most of the seed?	17. Were there any losses of crops before the harvest?	18. What was the cause of these losses?	19. Did you harvest any [CROP] on this plot in the long-rainy season 2018?	20. Why didn't you harvest any [CROP] on this plot?  NOT MINE TO HARVEST.....1 STILL IN PLOT..2 DESTRUCTION...3 FLOOD/RAIN....4 DROUGHT.....5 OTHER, SPECIFY..6
	KG.....1 20 LITER BUCKET...2 SMALL CUP.....3 LARGE CUP.....4 OTHER, SPECIFY.....5  <b>IF '0' ► 10C</b>  QUANTITY   UNIT	IMPROVED.....1 TRADITIONAL...2 IMPROVED, RECYCLED.....3 OTHER,	KG.....1 20 LITER BUCKET...2 SMALL CUP.....3 LARGE CUP.....4 OTHER, SPECIFY.....5  QUANTITY   UNIT	T-SHILLINGS	NETWORK ROSTER CODE   LOCATION	YES...1 NO....2	BIRDS.....1 ANIMALS....2 INSECTS...3 DISEASES...4 THEFT.....5 FLOOD/RAIN.7 DROUGHT....8 OTHER,	YES...1 ►21	<div style="border: 1px solid black; padding: 2px; display: inline-block;">►NEXT CROP</div>

1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

D E L I N E	PRE-HARVEST LOSSES				HARVEST				
	10a. How much of the total seeds used on the plot came from the previous season?	10b. What type of seeds were used from the previous season?	10c. How much of the total seed used on plot came from purchases?	12. What was the total amount paid for seeds?	13. Where did you buy most of the seed?	17. Were there any losses of crops before the harvest?	18. What was the cause of these losses?	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?
	►!  QUANTITY   UNIT	►!	QUANTITY   UNIT	T-SHILLINGS	NETWORK ROSTER CODE   LOCATION	►!		►!	►!

1									
2									
3									
4									
5									
6									
7									
8									

D E L I N E	21. What was the area harvested in the long rainy season 2018?	22. Was area harvested less than area planted?  YES...1 NO...2	23. What was the reason it was less than the area planted?  <b>USE CODES AT RIGHT</b>	24. What was the first and last month of the harvest period?  <b>PUT "0" IN "END" IF NOT YET COMPLETE</b>  MONTH	25. Have you finished the harvest?  YES...1 ▶28	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?  <b>CONVERT LOCAL UNITS TO KILOGRAMS</b>	29. What is the estimated value of the harvested crop?  <b>HOW MUCH WAS HARVEST WORTH IN THE MARKET DURING HARVEST SEASON?</b>	30. Who in the household made the decisions concerning the use of the harvested crop?  <b>LIST UP TO TWO</b>	<b>CODES FOR Q23</b> 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
	ACRES			BEGIN   END			KG	T-SHILLINGS	ID #1   ID #2		

1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

D E L I N E	21. What was the area harvested in last short rainy season?	22. Was area harvested less than area planted?  ▶!	23. What was the reason it was less than the area planted?  <b>USE CODES AT RIGHT</b>	24. What was the first and last month of the harvest period?  MONTH	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?  <b>LIST UP TO TWO</b>
	ACRES			BEGIN   END						ID #1   ID #2

1											
2											
3											
4											
5											
6											
7											
8											

**4. CROPS BY PLOT**

**4A. LONG RAINY SEASON 2018**

D E  L I N E	P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LONG RAINY SEASON 2018.	
			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 2018 SALES**

D E L I N E	C R O P  C O D E	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
		Did you sell any of the [CROP] produced in the long rainy season 2018?  YES...1 NO...2 ▶23	What was the quantity sold?  CONVERT LOCAL UNITS INTO KILOGRAMS  KG	What was the total value of the sales?  T-SHILLINGS	To which persons, firms or institutions did you sell the largest amount of [CROP]?  LIST LARGEST CUSTOMER  NETWORK ROSTER CUSTOMER #1 CODE LOCATION	What quantity of [CROP] did you sell to [CUSTOMER #1]?  KG	What was the total value of these sales to [CUSTOMER #1]?  T-SHILLINGS	During which month did you sell most of [CROP] to [CUSTOMER #1]?  MONTH YEAR	Approximately how many transactions took place while selling [CROP] to [CUSTOMER #1]?  TRANSACTIONS	Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #1]?  LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Who in your household decided what to do with these earnings?  LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	To which persons, firms or institutions did you sell the second largest amount of [CROP]?  IF NONE, WRITE 99 AND ▶ 18  NETWORK ROSTER CUSTOMER #2 CODE LOCATION
1												
2												
3												
4												
5												

**5B. SHORT RAINY SEASON SALES**

To which persons, firms or institutions did you sell the largest amount of [CROP]?

D E L I N E	C R O P  C O D E	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
		Did you sell any of the [CROP] produced in the last completed short rainy season?  ▶!	What was the quantity sold?  CONVERT LOCAL UNITS INTO KILOGRAMS  KG	What was the total value of the sales?  T-SHILLINGS	To which persons, firms or institutions did you sell the largest amount of [CROP]?  LIST LARGEST CUSTOMER  NETWORK ROSTER CUSTOMER #1 CODE LOCATION	What quantity of [CROP] did you sell to [CUSTOMER #1]?  KG	What was the total value of these sales to [CUSTOMER #1]?  T-SHILLINGS	During which month did you sell most of [CROP] to [CUSTOMER #1]?  MONTH YEAR	Approximately how many transactions took place while selling [CROP] to [CUSTOMER #1]?  TRANSACTIONS	Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #1]?  LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	Who in your household decided what to do with these earnings?  LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	To which persons, firms or institutions did you sell the second largest amount of [CROP]?  IF NONE, WRITE 99 AND ▶ 18  NETWORK ROSTER CUSTOMER #2 CODE LOCATION
1												
2												
3												

**TRANSPORT**

D E L I N E	C R O P  C O D E	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.
		What quantity of [CROP] did you sell to [CUSTOMER #2]?	What was the total value of these sales to [CUSTOMER #2]?	During which month did you sell most of [CROP] to [CUSTOMER #2]?	Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #2]?	Who in your household decided what to do with these earnings?	Generally, did you transport [CROP] for sale?	What is the average distance you transported [CROP] for sale?	How many times did you transport [CROP] for sale during the long rainy season in 2018?	Generally, how did you transport [CROP]?	How much did you pay to transport [CROP] during the long rainy season 2018?
		KG	T-SHILLINGS	MONTH   YEAR	TRANSACTIONS	HH ID #1   HH ID #2	HH ID #1   HH ID #2	YES...1 NO...2 ▶23	KM	# TIMES	ON FOOT...1 BICYCLE...2 ANIMAL...3 CAR...4 OTHER, SPECIFY...5 MOTORBIKE...6	INCLUDE ROUNDTRIP TRANSPORTATION
												T-SHILLINGS
1												
2												
3												
4												
5												

**TRANSPORT**

D E L I N E	C R O P  C O D E	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.
		What quantity of [CROP] did you sell to [CUSTOMER #2]?	What was the total value of these sales to [CUSTOMER #2]?	During which month did you sell most of [CROP] to [CUSTOMER #2]?	Approximately how many transactions took place while selling [CROP] to [CUSTOMER #2]?	Who in your household is responsible for negotiating the sale of [CROP] to [CUSTOMER #2]?	Who in your household decided what to do with these earnings?	Did you transport [CROP] for sale?	What is the average distance you transported [CROP] for sale?	How many times did you transport [CROP] for sale during the short rainy season?	How did you transport [CROP]?	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	HH ID #1   HH ID #2	▶!	KM	# TIMES		INCLUDE ROUNDTRIP TRANSPORTATION
												T-SHILLINGS
1												
2												
3												

STORAGE						POST-HARVEST LOSSES					
D E L I N E	C R O P  C O D E	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.
		Do you have any of the harvest from the long rainy season 2018 in storage now?  YES...1 NO...2 ▶29	How much of this harvest do you still have in storage?  AMOUNT KG	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	Did you do anything to protect the stored crop?  YES...1 NO...2 ▶28	What did you do?  SPRAYING...1 SMOKING...2 OTHER, SPECIFY...3	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	Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?  YES...1 NO...2 ▶32a	What was the reason for the loss?  ROTTING..1 INSECTS..2 PESTS...3 THEFT...4 OTHER, SPECIFY.5	Out of 10 units of [CROP], how many were lost?  NUMBER (0-10)	What was the value of this lost crop?  T-SHILLINGS
1											
2											
3											
4											
5											

STORAGE						POST-HARVEST LOSSES					
D E L I N E	C R O P  C O D E	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.
		Do you have any of the harvest from the last completed short rainy season in storage now?  ▶!	How much of this harvest do you still have in storage?  AMOUNT KG	What is your main method of storage?	Did you do anything to protect the stored crop?  ▶!	What did you do?	When you store [CROP], what is usually the main purpose of storing it?	Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc?  ▶!	What was the reason for the loss?	Out of 10 units of [CROP], how many were lost?  NUMBER (0-10)	What was the value of this lost crop?  T-SHILLINGS
1											
2											
3											

CROP DISPOSITION						CROP RESIDUE										
D E L I N E	C R O P C O D E	32a.	32b.	32c.	32d.	32e.	33.			34.	35.	36.				
		How much of the harvest was consumed?	How much of the harvest was stored as seed for the next planting season?	How much of the harvest was given as payments for labour or non-labour payments?	How much of the harvest was given away as gifts?	How much of the harvest was used as animal feed?	What was done with the residue from this crop?			What was the quantity sold?	What was the total value of the sales?	To which persons, firms or institutions did you sell the most of the residue from this [CROP]?				
		AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	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			KG	T-SHILLINGS	NETWORK ROSTER 1		NETWORK ROSTER 2		
		KG	KG	KG	KG	KG						CODE	LOCATION	CODE	LOCATION	
1																
2																
3																
4																
5																

CROP DISPOSITION						CROP RESIDUE										
D E L I N E	C R O P C O D E	32a.	32b.	32c.	32d.	32e.	33.			34.	35.	36.				
		How much of the harvest was consumed?	How of the harvest was stored as seed for the next planting season?	How much of the harvest was given as payment for labour or non-labour payment?	How much of the harvest was given away as gifts?	How much of the harvest was used as animal feed?	What was done with the residue from this crop?			What was the quantity sold?	What was the total value of the sales?	To which persons, firms or institutions did you sell the most of the residue from this [CROP]?				
		AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	▶ !			KG	T-SHILLINGS	NETWORK ROSTER 1		NETWORK ROSTER 2		
		KG	KG	KG	KG	KG						CODE	LOCATION	CODE	LOCATION	
1																
2																
3																

**5. CROPS - HOUSEHOLD TOTALS**

**5A. LONG RAINY SEASON 2018**

D E L I N E	C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2018, 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 BY CROP**

**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 1      NETWORK ROSTER 2 CODE   LOCATION      CODE   LOCATION	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 1      NETWORK ROSTER 2 CODE   LOCATION      CODE   LOCATION	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										

**7. PERMANENT CROPS BY CROP**

**STORAGE**

**POST-HARVEST LOSSES**

**CROP DISPOSITION**

D E L I N E	F R U I T	LIST ALL FRUIT TREES REPORTED IN SECTION 6A	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.
			What is your main method of storage?	Did you do anything to protect the stored crop?	What did you do?	Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	What was the reason for this loss?	Out of 10 units of [FRUIT], how many were lost?	What was the value of this lost [FRUIT]?	How much of the harvest was consumed?	How much of the harvest was stored as seed for the next planting season?	How much of the harvest was given as payments for labour or non-labour payments?	How much of the harvest was given away as gifts?	How much of the harvest was used as animal feed?
		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	AMOUNT KG	AMOUNT KG	AMOUNT KG	AMOUNT KG	AMOUNT KG
1														
2														
3														
4														
5														

**POST-HARVEST LOSSES**

**CROP DISPOSITION**

D E L I N E	C R O P	LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.
			What is your main method of storage?	Did you do anything to protect the stored crop?	What did you do?	Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	What was the reason for this loss?	Out of 10 units of [CROP] how many were lost?	What was the value of this lost [CROP]?	How much of the harvest was consumed?	How much of the harvest was stored as seed for the next planting season?	How much of the harvest was given as payments for labour or non-labour payments?	How much of the harvest was given away as gifts?	How much of the harvest was used as animal feed?
		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	AMOUNT KG	AMOUNT KG	AMOUNT KG	AMOUNT KG	AMOUNT KG
1														
2														
3														
4														
5														

**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]?		10. Who in your household decided what to do with these earnings?		11. What was total sales in shillings?	12. Where did you sell most of the [BY-PRODUCT] that you sold?		13. Did you incur any other expenses such as labor costs, additional inputs etc. in the production of [BY-PRODUCT]?	14. What were the total costs of these additional expenses?
	NAME	CROP CODE	PROCESSED...1 BY-PRODUCT...2	USE CODES BELOW			AMOUNT	UNIT		YES...1 NO...2 ►13	AMOUNT	UNIT	KG		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?	2. What is the value of the [ITEM] if sold?	3. Did the household own [ITEM] during the last 12 months?	4. Did you use [ITEM] in the last 12 months?	5. What was the reason for not using [ITEM]?	6. Did your household rent or borrow any [ITEM] for use in the last 12 months?	7. How many [ITEM] did the household rent or borrow in the last 12 months?	8. Where did your household rent or borrow [ITEM] from last 12 months?		9. How much did your household pay to rent or borrow [ITEM] last 12 months?
	IF '0' ▶ 3  NUMBER	T-SHILLINGS	YES...1 NO...2 (▶6)	YES...1 (▶6) NO...2	NO NEED FOR ONE..1 NEEDS REPAIR / SICK.....2 LENT TO OTHERS..3 RENTED TO OTHERS.....4 OTHER, SPECIFY..5	YES...1 NO...2 (▶NEXT)	NUMBER	CODE	LOCATION	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. In the last 12 months, did you receive any advice from [SOURCE] about...? YES...1 NO...2						2 ENUMERATOR, DID THE RESPONDENT ANSWER YES FOR ANY TYPE OF ADVICE IN QUESTION 1?  YES...1 NO...2 ▶NEXT ROW	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
	A1. Seeds/ Planting	A2. Fertilizer: Type /Application	A3 Land management (eg erosion control, crop rotation)	B. Agro- processing	C. Marketing	D Fishing Production		E Livestock Production	F Prevention of Livestock diseases	ID #1	ID #2				
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
1	Government extension		
2	NGO		
3	Cooperative/Farmer's association		
4	Large scale farmer		
5	Radio/Television		
6	Publication		
7	Neighbour		
8	Other, specify		

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

**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  
 Cardamom .....61  
 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

**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

**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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