

CONFIDENTIAL



United Republic of Tanzania
National Bureau of Statistics

NATIONAL PANEL SURVEY (NPS 2020/2021)

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AGRICULTURAL QUESTIONNAIRE

SECTION A-1: HOUSEHOLD IDENTIFICATION

CODE

NAME

1. REGION:

--	--

.....

2. DISTRICT

--	--

.....

3. WARD

--	--	--

.....

3_1. KIJJI / MTAA:

--	--

4. VILLAGE/ENUMERATION AREA

--	--	--

.....

5. KITONGOJI OR MTAA NAME

.....

6. HOUSEHOLD ID (FROM LIST) :

--	--	--	--

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:

								-				
--	--	--	--	--	--	--	--	---	--	--	--	--

9_1. (REFER TO HOUSEHOLD QUESTIONNAIRE) ROSTER ID NUMBER FROM COVER, Q13:

--	--	--

9_2. ROSTER ID OF THE MAIN RESPONDENT OF THE AGRICULTURE QUESTIONNAIRE

--	--	--

11. NAME OF INTERVIEWER

.....

12. INTERVIEWER ID

--	--	--

13. MUDA WA KUANZA (SWAHILI)

	:	
--	---	--

14. DATE OF INTERVIEW

/	/	
---	---	--

DD MM YYYY

(ENUMERATOR:
▶ *NEXT PAGE*)

15. NAME OF SUPERVISOR

.....

16. SUPERVISOR ID

--	--	--

17. DATE OF QUESTIONNAIRE INSPECTION

/	/	
---	---	--

DD MM YYYY

18. NAME OF DATA ENTRY CLERK

.....

19. DATA ENTRY CLERK ID

--	--	--

20. DATE OF DATA ENTRY

/	/	
---	---	--

DD MM YYYY

21. 2ND DATA ENTRY CLERK ID

--	--	--

22. 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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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				

3. PLOT DETAILS

3A. LONG RAINY SEASON

D E L I N E	P L O T I D	1.	2.			3.	4.	7.	8.			9.							
		LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2020. REFER TO SECTION 2A.	What is the distance from [PLOT] to:	HOME KM	ROAD KM	MARKET KM	How did you use this plot during the long rainy season 2020? CULTIVATED...1 ▶7 RENTED OUT...2 GIVEN OUT...3 ▶10 FALLOW...4 ▶23 FOREST...5 ▶24 OTHER, SPECIFY...6 ▶22	What was the total income from renting out this plot during the long rainy season 2020? INCLUDE: IN-KIND INCOME INCOME BY CROP OUTPUT FUTURE/ PLANNED INCOMES ▶10	What was the main crop cultivated on this plot in the long rainy season 2020?	Who decided what to plant on this plot in the long rainy season 2020? RECORD UP TO 3 ID CODES FROM HH ROSTER AND INDICATE UP TO 1 NON-HOUSEHOLD MEMBER FROM NETWORK ROSTER			Who made the decisions about input use on this plot in the long rainy season 2020? RECORD UP TO 3 ID CODES FROM HH ROSTER AND INDICATE UP TO 1 NON-HOUSEHOLD MEMBER FROM NETWORK ROSTER						
							T-SHILLINGS	CROP NAME	CODE	ID #1	ID #2	ID #3	CODE	LOCATION	ID #1	ID #2	ID #3	CODE	LOCATION
1																			
2																			
3																			
4																			
5																			
6																			

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2019 [] 2020 []

3B. SHORT RAINY SEASON

D E L I N E	1a.	1b.	2.			3.	4.	7.	8.			9.							
			What is the distance from [PLOT] to:	HOME KM	ROAD KM	MARKET KM	How did you use this plot during the last completed short rainy season? ▶!	What was the total income from renting out this plot during the last completed short rainy season? ▶!	What was the main crop cultivated on this plot in the last completed short rainy season?	Who decided what to plant on this plot in the last completed short rainy season?			Who made the decisions about input use on this plot in the last completed short rainy season?						
	LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2020 OR THE LAST COMPLETED VULI SEASON. REFER TO SECTIONS 2A AND 2B	ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A? YES...1 ▶40 NO...2				T-SHILLINGS	CROP NAME	CODE	ID #1	ID #2	ID #3	CODE	LOCATION	ID #1	ID #2	ID #3	CODE	LOCATION	
1																			
2																			
3																			
4																			
5																			
6																			

D E L I N E	P L O T I D	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
		What was the soil type of this plot?	What was the soil quality of this plot?	How do you know the quality of the soil?	Were there any problems with erosion on this plot in the long rainy season 2020?	What was the cause of these erosion problems?	Was there any erosion control/water harvesting facility on this plot in the long rainy season 2020?	What type of erosion control/water harvesting facility was on this plot?	How steep is the slope of this plot?	Was this plot irrigated in the long rainy season 2020?	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?
		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	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
1															
2															
3															
4															
5															
6															

D E L I N E	P L O T I D	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
		What was the soil type of this plot?	What was the soil quality of this plot in the last completed short rainy season?	How do you know the quality of the soil?	Were there any problems with erosion on this plot?	What was the cause of these erosion problems?	Was there any erosion control/water harvesting facility on this plot in the last completed short rainy season?	What type of erosion control/water harvesting facility was on this plot?	How steep is the slope of this plot?	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?
					▶!		▶!	1st 2nd		▶!				▶!	
1															
2															
3															
4															
5															
6															

D E L I N E	P L O T I D	24.	25.	26.	27.	28a.	28b.	28c.	28d.	29.	30.	31.	31a.	32.
		What would the value of this plot be if it were sold today?	How was this plot acquired?	With whom do you own this plot?	What share does your household get of the output?	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?	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?	If you were to sell this plot, do you need approval from other parties to sell it?	With whom do you co-rent this plot?
		T-SHILLINGS	INHERITANCE.....1 ▶28a GIFT.....2 ▶28a BORROWING FROM FAMILY MEMBER.....3 ▶33 LAND ALLOCATION FROM VILLAGE COUNCIL.....4 ▶28a 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	Options here	NOTHING.....1 ALMOST NOTHING.2 ONE QUARTER.....3 HALF.....4 THREE QUARTERS.5 ALMOST ALL.....6	GRANTED RIGHT OF OCCUPANCY.....1 ▶28d CERTIFICATE OF CUSTOMARY RIGHTS OF OCCUPANCY.....2 ▶28d NO CERTIFICATE....3	YES... 1 NO....	YES...1 NO....2	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	LIST UP TO 2 JOINT OWNERS ID #1 ID #2	YES...1 NO....2 ▶38	LIST UP TO 2 ID #1 ID #2	▶38 YES...1 NO....2	NETWORK ROSTER CODE LOCATION
1														
2														
3														
4														
5														
6														

D E L I N E	P L O T I D	24.	25.	26.	27.	28a.	28b.	28c.	28d.	29.	30.	31.	31a.	32.
		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 own this plot?	What share does your household get of the output?	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?	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?	If you were to sell this plot, do you need approval from other parties to sell it?	With whom do you co-rent this plot?
			▶!	NETWORK ROSTER CODE LOCATION		▶!	▶!			LIST UP TO 2 JOINT OWNERS ID #1 ID #2	▶!	ID #1 ID #2	▶! YES...1 NO....2	NETWORK ROSTER ID CODE LOCATION
1														
2														
3														
4														
5														
6														

D E L I N E	P L O T I D	32_2	33.	34.	35.	36.	37.	38.	38a.	39.	40.
		Where is [NETWORK] located?	How much did you pay to the owner for the use of this land in the long rainy season 2020?	What period of time did this payment cover?	What share of output from this plot did you give as rent, if any, in the long rainy season 2020?	Who owns the plot?	Who in the household has use right to this plot?	In which year was the plot acquired?	Did you have any land dispute or disagreement with anyone over this plot in the last 12 months?	Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LONG RAINY SEASON 2020?
		WITHIN THE VILLAGE...1 NEAR THE VILLAGE...2 NEAR THE TOWN...3 OTHER DISTRICT...4 OTHER REGION...5 ACROSS THE BORDER...6	INCLUDE: IN-KIND PAYMENTS, PAYMENT BY CROP OUTPUT, FUTURE / PLANNED PAYMENTS, PAST PAYMENTS FOR THE LONG RAINY IF NO PAYMENT IS TO BE MADE, WRITE '0' ► 35 T-SHILLINGS	MONTH 1 YEARS 2 NO. UNITS UNIT	NONE.....1 ALMOST NONE...2 ABOUT 25%...3 ABOUT 50%...4	NETWORK ROSTER CODE LOCATION	LIST UP TO 2 ► 39 ID #1 ID #2	YEAR [4 digit]	YES...1 NO....2	YES...1 NO....2	YES...1 NO....2 ►75
1											
2											
3											
4											
5											
6											

D E L I N E	P L O T I D	32_2	33.	34.	35.	36.	37.	38.	38a.	39.	40.
		[MTANDAŌ] iko wapi?	How much did you pay to the owner for the use of this land in the last completed short rainy season?	What period of time did this payment cover?	What share of output from this plot did you give as rent, if any, in the last completed short rainy season 2020?	Who owns the plot?	Who in the household has use right to this plot?	In which year was the plot acquired?	Did you have any land dispute or disagreement with anyone over this plot in the last 12 months?	Would you feel comfortable leaving this plot uncultivated for several months without being worried of losing it?	DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LAST SHORT RAINY SEASON?
		NDANI YA KIJIJII...1 KARIBU NA KIJIJII...2 KARIBU NA MJI...3 WILAYA	►! T-SHILLINGS	NO. UNITS UNIT		NETWORK ROSTER CODE LOCATION	LIST UP TO 2 ►! ID #1 ID #2	YEAR [4 digit]	YES...1 NO....2	YES...1 NO....2	►!
1											
2											
3											
4											
5											
6											

ORGANIC FERTILIZER						INORGANIC FERTILIZER						INORGANIC FERTI		
D E L I N E	P L O T I D	41.	42.	43.	44.	45.	46.	47.	48.	49.	51.	52.	53.	54.
		Did you use any ORGANIC FERTILIZER on [PLOT] in the long rainy season 2020?	What was the quantity of organic fertilizer used?	Was any of this purchased?	How much was purchased?	What was the total value of organic fertilizer purchased?	Where did you buy most of the organic fertilizer?	Did you use any INORGANIC FERTILIZER on [PLOT] in the long rainy season 2020?	What is the first type of INORGANIC FERTILIZER you used on this plot?	What quantity of [FERTILIZER] did you use?	What was the total value of [FERTILIZER] purchased?	Why did you choose to use this specific type of inorganic fertilizer?	Where did you buy most of the [FERTILIZER]?	Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the long rainy season 2020?
		YES...1 NO....2 ▶47	KGs	YES...1 NO....2 ▶47	KG	T-SHILLINGS	NETWORK ROSTERID	YES...1 NO....2 ▶60	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	KG	T-SHILLINGS	ADVICE BY AGRICULTURAL OFFICER.....1 RECEIVED VOUCHER.....2 OWN EXPERIENCE....3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	NETWORK ROSTER CODE LOCATION	YES..1 NO...2 ▶60
1														
2														
3														
4														
5														
6														

ORGANIC FERTILIZER						INORGANIC FERTILIZER						INORGANIC FERTI		
D E L I N E	P L O T I D	41.	42.	43.	44.	45.	46.	47.	48.	49.	51.	52.	53.	54.
		Did you use any ORGANIC FERTILIZER on [PLOT] in the last completed short rainy season?	What was the quantity of organic fertilizer used?	Was any of this purchased?	How much was purchased?	What was the total value of organic fertilizer purchased?	Where did you buy most of the organic fertilizer?	Did you use any INORGANIC FERTILIZER on [PLOT] in the short rainy season 2020?	What is the first type of INORGANIC FERTILIZER you used on this plot?	What quantity of [FERTILIZER] did you use?	What was the total value of [FERTILIZER] purchased?	Why did you choose to use this specific type of inorganic fertilizer?	Where did you buy most of the [FERTILIZER]?	Did you use a second type of INORGANIC FERTILIZER on [PLOT] in the short rainy season 2020?
		▶!	KG	▶!	KG	T-SHILLINGS	NETWORK ROSTERID	▶!		KG	T-SHILLINGS		NETWORK ROSTER CODE LOCATION	▶!
1														
2														
3														
4														
5														
6														

LIZER		HERBICIDES										
D E L I N E	P L O T I D	55.	56.	58.	59.	59a.	60.	62.	63.	64.	65.	
		What is the second type of INORGANIC FERTILIZER you used on this plot?	What quantity of [FERTILIZER] did you use?	What was the total value of [FERTILIZER] purchased?	Where did you buy most of the [FERTILIZER]?	Did you use any additional inorganic fertilizer?	Did you use any herbicide on [PLOT] in the long rainy season 2020?	What quantity of this herbicide did you use?	What was the total value of this herbicide purchased?	Why did you choose to use this specific type of herbicide?	Where did you buy most of the herbicides?	
		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	KG	T-SHILLINGS	NETWORK ROSTER CODE LOCATION	YES..1 NO...2	YES..1 NO...2 ▶65a	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	NETWORK ROSTER CODE LOCATION
1												
2												
3												
4												
5												
6												

LIZER		HERBICIDES										
D E L I N E	P L O T I D	55.	56.	58.	59.	59a.	60.	62.	63.	64.	65.	
		What is the second type of INORGANIC FERTILIZER you used on this plot?	What quantity of [FERTILIZER] did you use?	What was the total value of [FERTILIZER] purchased?	Where did you buy most of the [FERTILIZER]?	Did you use any additional inorganic fertilizer?	Did you use any herbicide on [PLOT] in the last completed short rainy season?	What quantity of this herbicide did you use?	What was the total value of this herbicide purchased?	Why did you choose to use this specific type of herbicide?	Where did you buy most of the herbicides?	
			KG	T-SHILLINGS	NETWORK ROSTER CODE LOCATION		▶!	AMOUNT UNIT	T-SHILLINGS		NETWORK ROSTER CODE LOCATION	
1												
2												
3												
4												
5												
6												

D E L I N E	P L O T I D	PESTICIDES				INPUTS ON CREDIT								MECHANIZATION					
		65a. Did you use any pesticide on [PLOT] in the long rainy season 2020? YES...1 NO...2 ▶66	65b. What quantity of this pesticide did you use? KG.....1 LITRE.....2 MILLILITRE...3 OTHER, SPECIFY...4	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 RECEIVED VOUCHER.....2 OWN EXPERIENCE.....3 NEIGHBOUR ADVICE.....4 OTHER, SPECIFY.....5	65e. Where did you buy most of the pesticides? NETWORK ROSTER CODE LOCATON	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 2020? 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 2020? YES...1 NO...2
1																			
2																			
3																			
4																			
5																			
6																			

D E L I N E	P L O T I D	PESTICIDES				INPUTS ON CREDIT								MECHANIZATION					
		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	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 LOCATON	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 long rainy season 2020?	71b. Did you use any animal traction on this plot in the long rainy season 2020?					
1																			
2																			
3																			
4																			
5																			
6																			

HOUSEHOLD LABOR

D E L I N E	P L O T I D	72. During the long rainy season 2020, 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:
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 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:
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 2020? YES...1 NO...2 ▶75											
		74. During the long rainy season 2020, 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 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													

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 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													

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 2019..1 OCT-DEC 2020..2 ▶81	Did you cultivate this plot in the short rainy season 2019? YES...1 NO...2 ▶78	What was the main crop cultivated on this plot in the short rainy season 2019? ▶ NEXT PLOT CROP CODE	Did you have use of this plot in the short rainy season 2019? YES...1 ▶80 NO...2	How did you acquire this plot for the long rainy season 2020? ▶ NEXT PLOT BOUGHT IT.....1 INHERITED.....2 STARTED RENTING / SHARECROPPING...3 CLEARED IT.....4 DISTRIBUTED BY	How did you use this plot during the short rainy season 2019? ▶ NEXT PLOT RENTED.....1 GIVEN.....2 FALLOW.....3 FOREST.....4 OTHER, SPECIFY...5	Did you cultivate this plot in the short rainy season 2020? YES...1 NO...2 ▶83	What was the main crop cultivated on this plot in the short rainy season 2020? ▶ NEXT PLOT CROP CODE	Did you have use of this plot in the short rainy season 2020? YES...1 ▶85 NO...2	Why did you not have this plot (owned or cultivated) in the short rainy season 2020? ▶ NEXT PLOT SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE...4 GIVEN AWAY.....5 STOPPED RENTING / SHARECROPPING...6	How did you use this plot during the short rainy season 2020? ▶ NEXT PLOT RENTED...1 GIVEN...2 FALLOW...3 FOREST...4 OTHER, SPECIFY.5
1												
2												
3												
4												
5												
6												

SHORT RAINY SEASON

D E L I N E	75.	76.	77.	78.
	ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A? YES...1 ▶NEXT PLOT NO...2	WHAT YEAR WAS THE LAST COMPLETED SHORT RAINY SEASON? 2019...1 2020...2 ▶78	Why did you not have this plot (own or cultivate) during the long rainy season 2020? ▶ NEXT PLOT SOLD IT.....1 ABANDONED.....2 TAKEN.....3 REDISTRIBUTED BY VILLAGE.....4 GIVEN AWAY.....5 STOPPED RENTING / SHARECROPPING..6	How did you acquire this plot for the short rainy season 2020? 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	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2020. 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 2020 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 2020

SEEDS

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	8.	10.	10a.		
			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	Were the main seeds... IMPROVED.....1 TRADITIONAL...2 IMPROVED, RECYCLED...3 OTHER, SPECIFY....4	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	QUANTITY
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.	10a.		
			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	QUANTITY
1													
2													
3													
4													
5													
6													
7													
8													

D E L I N E	PRE-HARVEST LOSSES					HARVEST						
	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 2014?	20. Why didn't you harvest any [CROP] on this plot?	21. What was the area harvested in the long rainy season 2014?	22. Was area harvested less than area planted?	23. What was the reason it was less than the area planted?	
	IMPROVED.....1 TRADITIONAL...2 IMPROVED, RECYCLED....3 OTHER, SPECIFY....4	KG.....1 20 LITER BUCKET.....2 SMALL CUP....3 LARGE CUP....4 OTHER, SPECIFY.....5	T-SHILLINGS	NETWORK ROSTER CODE LOCATION	YES...1 NO....2 ▶19	BIRDS.....1 ANIMALS...2 INSECTS...3 DISEASES...4 THEFT.....5 OTHER, SPECIFY..6 FLOODING/RAINFA LL.....7 DROUGHT....8	YES...1 ▶21 NO....2	NOT MINE TO HARVEST.....1 STILL IN PLOT..2 DESTRUCTION... .3 ▶NEX T	ACRES	YES...1 NO....2 ▶24	USE CODES AT RIGHT	

1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

D E L I N E	PRE-HARVEST LOSSES					HARVEST						
	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?	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?	
	▶!	QUANTITY UNIT	T-SHILLINGS	NETWORK ROSTER CODE LOCATION	▶!		▶!	▶!	ACRES	▶!	USE CODES AT RIGHT	

1											
2											
3											
4											
5											
6											
7											
8											

D E L I N E	24.	25.	26.	27.	28.	29.	30.	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	
	What was the first and last month of the harvest period?	Have you finished the harvest?	How many more days do you expect the harvest to last?	What fraction of the crop remains to be harvested in this period?	What was the quantity harvested?	What is the estimated value of the harvested crop?	Who in the household made the decisions concerning the use of the harvested crop?		
	PUT "0" IN "END" IF NOT YET COMPLETE MONTH	YES...1 ▶28 NO....2			CONVERT LOCAL UNITS TO KILOGRAMS	HOW MUCH WAS HARVEST WORTH IN THE MARKET DURING HARVEST SEASON?	LIST UP TO TWO		
	BEGIN END		DAYS	PERCENT	KG	T-SHILLINGS	ID #1 ID #2		

1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

D E L I N E	24.	25.	26.	27.	28.	29.	30.	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	
	What was the first and last month of the harvest period?	Have you finished the harvest?	How many more days do you expect the harvest to last?	What fraction of the crop remains to be harvested in this period?	What was the quantity harvested?	What is the estimated value of the harvested crop?	Who in the household made the decisions concerning the use of the harvested crop?		
	MONTH	▶ 1			KG	T-SHILLINGS	LIST UP TO TWO		
	BEGIN END		DAYS	PERCENT			ID #1 ID #2		

1									
2									
3									
4									
5									
6									
7									
8									

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2020

D E L I N E	P L O T	C R O P	PLEASE LIST ALL PLOTS CULTIVATED DURING THE LONG RAINY SEASON 2020.	
			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 2020
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 2020? 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**

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 ID CODE 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 2020?	Generally, how did you transport [CROP]?	How much did you pay to transport [CROP] during the long rainy season 2020?
		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	INCLUDE ROUNDRIP TRANSPORTATION
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 ROUNDRIP 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 2020 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	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	Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc? YES...1 NO....2	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 this 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 2021

D E L I N E	C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2021, 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		

6. PERMANENT CROPS BY PLOT

6A. FRUIT CROPS

PRE-HARVEST LOSSES

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.				8.		9.	10.	11.
			PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS. FOR EACH PLOT, LIST ALL FRUITS CULTIVATED. FRUIT NAME	How many of these plants/trees are on this plot? NUMBER	In what year were most of these plants/trees planted? YEAR [4 digit]	How many trees/plants were planted during the last 12 months? NUMBER	Was cultivation intercropped during the past long rainy season? YES...1 NO...2 ▶7	What was the reason for intercropping? MORE FERTILE FOR THE SOIL...1 SUBSTITUTE IF EITHER CROP FAILS...2 OTHER, SPECIFY...3	BEGIN YEAR MONTH	END YEAR MONTH	Who in the household made the decisions concerning the use of [FRUIT] harvested in the past 12 months? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	What was the total amount of [FRUIT] harvested in the past 12 months? KG	Were there any losses of [FRUIT] before the harvest? YES...1 NO...2 ▶ NEXT FRUIT	What was the cause of these losses? BIRDS...1 ANIMALS...2 INSECTS...3 DISEASES...4 THEFT...5 OTHER, SPECIFY...6			
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

6B. PERMANENT CROPS

PRE-HARVEST LOSSES

D E L I N E	P L O T	C R O P	1.	2.	3.	4.	5.	6.	7.				8.		9.	10.	11.
			PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS. FOR EACH PLOT, LIST ALL PERMANENT CROPS CULTIVATED. CROP NAME	How many of these plants/trees are on this plot? NUMBER	In what year were most of these plants/trees planted? YEAR [4 digit]	How many trees/plants were planted during the last 12 months? NUMBER	Was cultivation intercropped during the past long rainy season? YES...1 NO...2 ▶7	What was the reason for intercropping? MORE FERTILE FOR THE SOIL...1 SUBSTITUTE IF EITHER CROP FAILS...2 OTHER, SPECIFY...3	BEGIN YEAR MONTH	END YEAR MONTH	Who in the household made the decisions concerning the use of [CROP] harvested in the past 12 months? LIST UP TO TWO FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2	What was the total amount of [CROP] harvested in the past 12 months? KG	Were there any losses of [CROP] before the harvest? YES...1 NO...2 ▶NEXT CROP	What was the cause of these losses? BIRDS...1 ANIMALS...2 INSECTS...3 DISEASES...4			
1																	
2																	
3																	
4																	
5																	
6																	

7. PERMANENT CROPS BY CROP

7A. FRUIT CROPS

D E L I N E	F R U I T	1.	2.	3.	4.	5.	6.	7.			
		LIST ALL FRUIT TREES REPORTED IN SECTION 6A	Did you sell any of the [FRUIT] collected?	What was the total quantity sold?	What was the total value of [FRUIT] sold?	Who in your household was responsible for negotiating the sale of the [FRUIT]?	Who in your household decided what to do with these earnings?	Where did you sell most of the [FRUIT]?			
		FRUIT NAME	YES...1 NO...2 ▶8	KG	T-SHILLINGS	HH ID #1 HH ID #2	HH ID #1 HH ID #2	NETWORK ROSTER 1		NETWORK ROSTER 2	
								CODE	LOCATION	CODE	LOCATION
1											
2											
3											
4											
5											

7B. PERMANENT CROPS

D E L I N E	C R O P	1.	2.	3.	4.	5.	6.	7.			
		LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	Did you sell any of the [CROP] collected?	What was the total quantity sold?	What was the total value of this [CROP] sold?	Who in your household was responsible for negotiating the sale of the [CROP]?	Who in your household decided what to do with these earnings?	Where did you sell most of the [CROP]?			
		CROP NAME	YES...1 NO...2 ▶8	KG	T-SHILLINGS	HH ID #1 HH ID #2	HH ID #1 HH ID #2	NETWORK ROSTER 1		NETWORK ROSTER 2	
								CODE	LOCATION	CODE	LOCATION
1											
2											
3											
4											
5											

STORAGE

D E L I N E	F R U I T	8.	9.	10.	11.	12.
		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	LIST ALL FRUIT TREES REPORTED IN SECTION 6A FRUIT NAME	What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE..1 IMPROVED LOCALLY MADE STRUCTURE.....2 MODERN STORE.....3 SACKS/OPEN DRUM.....4	Did you do anything to protect the stored crop? YES...1 NO...2 ▶13
1						
2						
3						
4						
5						

STORAGE

D E L I N E	C R O P	8.	9.	10.	11.	12.
		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	LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B CROP NAME	What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE..1 IMPROVED LOCALLY MADE STRUCTURE.....2 MODERN STORE.....3 SACKS/OPEN DRUM.....4 AIRTIGHT	Did you do anything to protect the stored crop? YES...1 NO...2 ▶13
1						
2						
3						
4						
5						

POST-HARVEST LOSSES

CROP DISPOSITION

D E L I N E	F R U I T	13.	14.	15.	16.	17.	18.	19.	20.	21.
		Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc? YES...1 NO...2 ▶NEXT FRUIT	What was the reason for this loss? ROTTING...1 INSECTS...2 RODENTS, PESTS...3 THEFT...4 OTHER SPECIFY...5	Out of 10 units of [FRUIT], how many were lost? NUMBER (0-10)	What was the value of this lost [FRUIT]? T-SHILLINGS	How much of the harvest was consumed? AMOUNT KG	How much of the harvest was stored as seed for the next planting season? AMOUNT KG	How much of the harvest was given as payments for labour or non-labour payments? AMOUNT KG	How much of the harvest was given away as gifts? AMOUNT KG	How much of the harvest was used as animal feed? AMOUNT KG
1										
2										
3										
4										
5										

POST-HARVEST LOSSES

CROP DISPOSITION

D E L I N E	C R O P	13.	14.	15.	16.	17.	18.	19.	20.	21.
		Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc? YES...1 NO...2 ▶NEXT CROP	What was the reason for this loss? ROTTING...1 INSECTS...2 RODENTS, 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	How much of the harvest was consumed? AMOUNT KG	How much of the harvest was stored as seed for the next planting season? AMOUNT KG	How much of the harvest was given as payments for labour or non-labour payments? AMOUNT KG	How much of the harvest was given away as gifts? AMOUNT KG	How much of the harvest was used as animal feed? 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]?	LIST UP TO 2 FROM HOUSEHOLD ROSTER											
								NAME	CROP CODE	PROCESSED...1 BY-PRODUCT...2	USE CODES BELOW	AMOUNT	UNIT	KG	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

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?
LIST UP TO 2 FROM HOUSEHOLD ROSTER		LIST UP TO TWO NETWORK ROSTER ID	YES . . . 1 NO . . . 2 ▶NEXT PRODUCT	
HH ID #1 HH ID #2	T-SHILLINGS	1 2		T-SHILLINGS

1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

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. 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	ID #3				
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			

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

TIME FINISHED:

:
