CONFIDENTIAL



United Republic of Tanzania National Bureau of Statistics

NATIONAL PANEL SURVEY (NPS 2014/2015)

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

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

AGRICULTURAL QUESTIONNAIRE

SECTION A-1: HOUSEHOLD IDENTIFICATION MARK BOX WITH AN 'X' AND NUMBER CODE NAME FORMS BELOW IF YOU USE MORE THAN THIS SINGLE FORM TO COLLECT 1. REGION: INFORMATION FROM THIS HOUSEHOLD. IF SO, BE SURE TO 2. DISTRICT MARK IN THE SAME WAY THE OTHER FORMS USED FOR THIS HOUSEHOLD 3. WARD 3_1. KIJIJI / MTAA: 4. VILLAGE/ENUMERATION AREA 5. KITONGOJI OR MTAA NAME 6. HOUSEHOLD ID (FROM LIST): FORM ____ OF ___ TOTAL 7. NAME OF HOUSEHOLD HEAD: 7_1. WAS THIS HOUSHOLD PART OF NPS YEAR 3? 8. NAME OF HOUSEHOLD HEAD FROM NPS YEAR 3: 9. FULL HOUSEHOLD IDENTIFICATION FROM NPS YEAR 3: 9_1. (REFER TO HOUSEHOLD QUESTIONNAIRE) ROSTER ID NUMBER FROM COVER, Q13: 9 2. ROSTER ID OF THE MAIN RESPONDENT OF THE AGRICULTURE QUESTIONNAIRE

10. NAME OF INTERVIEWER				OBSERVATIONS ON THE INTERVIEW RECORD GENERAL NOTES ABOUT THE INTERVIEW AND RECORD ANY SPECIAL INFORMATION
11. INTERVIEWER ID				THAT WILL BE HELPFUL FOR SUPERVISORS AND THE ANALYSIS OF THIS QUESTIONNAIRE.
12. MUDA WA KUANZA (SWAHILI)				
13. DATE OF INTERVIEW	DD MIN	/	(ENUMERATOR: ► NEXT PAGE)	
14. NAME OF SUPERVISOR				
15. SUPERVISOR ID				
16. DATE OF QUESTIONNAIRE INSPECTION	DD MIN	/		
17. NAME OF DATA ENTRY CLERK				
18. DATA ENTRY CLERK ID				
19. DATE OF DATA ENTRY	DD MM	/		
20. 2ND DATA ENTRY CLERK ID				
21. DATE OF 2ND DATA ENTRY	DD MM	/		

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- 11. FARM IMPLEMENTS AND MACHINERY
- 12. EXTENSION

1. HOUSEHOLD MEMBER ROSTER

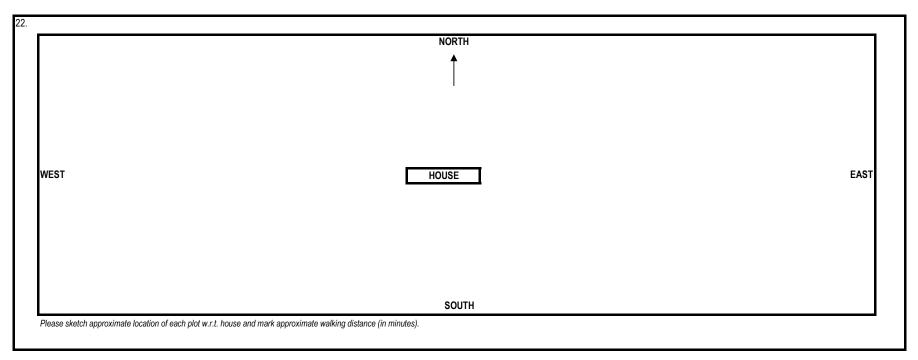
PLEASE COPY THE FOLLOWING INFORMATION FROM THE HOUSEHOLD QUESTIONNAIRE

	I,	١,	lo.	4.
	1.	2. AGE	1	4. MARK WITH 'X' THE
	NAME	AGE		RESPONDENT OR
				RESPONDENTS TO THIS
				QUESTIONNAIRE
			MALE1	
			FEMALE.2	
ID		YEARS		
1				
l ———				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

2. PLOT ROSTER

	d you or anyone in this ho son 2014?	ousehold own or cultivate any ple	ots in th	e long	rainy		YES														
							NO	2 ▶ 1	1												
A.	PLEASE LIST ALL PLO 2. PLOT NAME	3. DESCRIPTION/LOCATION	4. ARE	A (ACF	RES)	5.	6. GPS L	OCATIO	N (RE	COR	NY SEASC RD GPS LO BEGAN TH	CATIO		ı	PLOT MEAS- JRED?	8. WHY WAS THE PL NOT MEASURED? NEXT PLC TOO FAR	OT P	9. AREA (<i>f</i> GPS ME	ACRES) ASUREMENT		10. WEATHER CONDITIONS AT MEASUR- EMENT
															1 (►9)	REFUSED OTHER, SPECIFY				ı	USE CODES
M1									0			•		'S 'E							
M2									0					'S 'E							
МЗ	3								0					'S 'E							
M4									0					'S 'E							
M5	;								0					'S 'E							
M6	5								0					'S 'E							
M6	;								0					'S 'E							
com	Mostly Clear / M Partly Cloudy / Mostly Cloudy / Completely Cloud	Short rainy seasor Short rainy seasor Q21 lostly Sunny Partly Sunny Considerable Cloudines ly.	1 2 3				housel	nold own eted shor	or cul	ltivate	above, di e any plots son [YEAF	during	the last		YES NO	1 2 ►22					

В.	PLEASE LIST ANY ADD	ITIONAL PLOTS OWNED OR (CULTIVATED BY ANYON	E IN THE HOU	EHOLD DURING THE SHORT RAINY SEASON [YEAR] (USE YEAR FROM Q11).	
	13.	14.	15.	16.	7· 18. 19. 20.	21.
	PLOT NAME	DESCRIPTION/LOCATION	AREA (ACRES)		PS LOCATION (RECORD GPS LOCATION FROM THE PLOT MEAS-WHY WAS THE PLOT AREA (ACRES) ORNER WHERE YOU REGAN THE MEASUREMENT) LIRED? NOT MEASURED? GPS MEASUREMEN	WEATHER
			FARMER'S ESTIMATE	2012/2013	ORNER WHERE YOU BEGAN THE MEASUREMENT.) URED? NOT MEASURED? GPS MEASUREMEN ▶ NEXT PLOT	T CONDITIONS AT MEASURE-
				NPS.	YES1 TOO FAR1	MENT
					▶20 REFUSED2 NO2 OTHER,	USE
					SPECIFY3	CODES
V1					° • 'S	
VI						
V2					° S	
VZ					° 'E	
V3					° 'S	
					° • E	
V4					° 'S	
					° • E -	



3. PLOT DETAILS

3A. LONG RAINY SEASON

_		JA. LONG KAINT SEASON											
		1.	2.			3.	4.	7.		8.			
			What is the	distance fro		How did you use this plot during						plant on this	s plot in the long
		HOUSEHOLD IN MASIKA 2014.	to:					plot in the long rainy season 2014	4?	rainy seas	on 2014?		
							during the long rainy						
		REFER TO SECTION 2A.					season 2014?						
١,	Р												
	. I i I					CULTIVATED.1							
	0					►7 RENTED OUT.2	INCLUDE:						
ı	T I					GIVEN OUT3	IN-KIND INCOME						
Ιī						P 10	INCOME BY CROP						
١	1						OUTPUT			,		IP TO 3 ID	
E	D D						FUTURE/ PLANNED INCOMES				FROM	HH ROST	ER
						▶24	INCOMES				AND IND	ICATE UP	TO 1
						OTHER,				1	NON-HOUS	SEHOLD MI	EMBER
						SPECIFY6 ▶22	▶10				FROM NE	TWORK RO	OSTER
			номе	ROAD	MARKET	▶22	P 10						NETWORK
			KM	KM	KM		T CHILLINGS	ODOD NAME	CODE	ID#1	ID #2	ID#3	
L			VIAI	VM	MM		T-SHILLINGS	CROP NAME	CODE	ID#I	ID #2	ID #3	ROSTER ID
1													
2	2												
3	3												
4	ļ.												
Ę	5												
6	6												
_								-					

PLEASE INDICATE THE LAST COMPLETED SHORT RAINY SEASON: 2013 |___| 2014 |___|

3B. SHORT RAINY SEASON

	1a.	1b.	2.			3.	4.	7.		8.			
	LIST ALL PLOTS OWNED OR	ENUMERATOR: DID	What is the	distance fro	m [PLOT]	How did you use this plot during	What was the total income	What was the main crop cultivate	ed on this	Who decid	led what to	plant on this	s plot in the last
D	CULTIVATED BY THE HOUSEHOLD	YOU ALREADY LIST	to:			the last completed short rainy	from renting out this plot	plot in the last completed short ra	ainy	completed	short rainy	season?	
Ε		THIS PLOT ABOVE						season?					
I.	COMPLETED VULI SEASON.	IN 3A?					short rainy season?						
I L													
	REFER TO SECTIONS 2A AND 2B												
IN		YES1 ▶40					▶!						
-		NO2	HOME	ROAD	MARKET								NETWORK
			KM	KM	KM	▶!	T-SHILLINGS	CROP NAME	CODE	ID #1	ID #2	ID#3	ROSTER ID
Ε													
1													
2													
2													
3													
4													
5													
6													

D		9. Who made plot in the I			iput use on this	What was the soil type of		12. How do you know the quality of the soil?	-	What was the cause of these erosion problems?	Was there any	16. What type of erosion harvesting facility wa		17. How steep is the slope of this plot?
L I N E	O T I D	١		HH ROST ICATE UP EHOLD M	ER TO 1 EMBER	SANDY1 LOAM2 CLAY3 OTHER, SPECIFY4	GOOD1 AVERAGE.2 BAD3	SCIENTIFICALLY TESTED1 OWN EXPERIENCE2 OTHER, SPECIFY3	YES1 NO2 ▶15	WIND	YES1 NO2 ▶17	TERRACES		FLAT BOTTOM1 FLAT TOP2 SLIGHTLY SLOPED3 VERY
1														
2														
3														
4														
5														
6														
D E L I N E					nput use on this iny season?	What was the soil type of		12. How do you know the quality of the soil?	13. Were there any problems with erosion on this plot?	erosion problems?	Was there any	16. What type of erosion harvesting facility wa		17. How steep is the slope of this plot?
		ID #1	ID #2	ID #3	ROSTER ID				▶!		▶ !	1st	2nd	

			What was the type of	What was the method of	What was the source of water?	22. What was the most recent year in which the plot was left fallow?	23. For how many consecutive years was this plot left fallow this last time?	24. What would the value of this plot be if it were sold today?	25. How was this plot acquired?	26. With whom do you co-own this plot?	27. What share does your household get of the output?
D E L I N E	P L O T I D	YES1 NO2 ▶22	FLOODING1 SPRINKLER2 DRIP IRRIGATION3 BUCKET / WATERING CAN.4 WATER HOSE5 OTHER, SPECIFY6	GRAVITY1 HAND BUCKET2 HAND/FOOT PUMP3 MOTOR PUMP4 OTHER, SPECIFY5	WELL1 BOREHOLE2 POND/TANK .3 RIVER / STREAM4 OTHER, SPECIFY5	IF NEVER, ENTER 0 ▶ 24 IF DON'T KNOW, ENTER "98" ▶ 24	NUMBER .		INHERITANCE	NETWORK	NOTHING1 ALMOST NOTHING 2 ONE QUARTER3 HALF4 THREE QUARTERS.5 ALMOST ALL6
						YEAR [4 digit]	NUMBER	T-SHILLINGS		ROSTER ID	
2											
3											
4											
5											
6											
							I.			I	
		40	40	00	04	00	loo	lo.	lor.	100	loz.
D E		18. Was this plot irrigated in the last completed short rainy season?		What was the method of	What was the source of water?	22. What was the most recent year in which the plot was left fallow?	23. For how many consecutive years was this plot left fallow this last time?	24. What would the value of this plot be if it were sold today?	25. What was the ownership status of this plot the last completed short rainy season?	26. With whom do you co-own this plot?	27. What share does your household get of the output?
L I N E											
		▶!				▶!			▶ !	NETWORK ROSTER ID	
1											
2											
3											
4											
5											
6											

		28a.	28b.	28c.	28d.	29.		30.	31.		31a.	32.	33.
		What type of legal certificate does your	Would you like	Would you be	What other types of ownership or legal documents does	Who in the ho	usehold	Does the	Who in the ho	ousehold can	If you were to	With whom do	How much did you pay to the
		household have for this plot?	to apply for a		your household have for this plot?	owns this plo	?	owner/househol	decide wheth		sell this plot, do	you co-rent this	owner for the use of this land in
			CCRO/GRO	legal				d have the right	plot or use it	as collateral?	you need	plot?	the long rainy season 2014?
			for this plot?	certification?				to sell this plot			approval from		
D	Р							or use it as collateral?			other parties to sell it?		INCLUDE: IN-KIND PAYMENTS,
E	L				VILLAGE-GOVERNMENT-WITNESSED			collateral?			Sell It?		PAYMENT BY CROP OUTPUT,
1	0				PURCHASE AGREEMENT1				LIST U	P TO 2			FUTURE / PLANNED
L	Т				LOCAL-COURT-CERTIFIED PURCHASE AGREEMENT2								PAYMENTS, PAST PAYMENTS FOR THE
1					INHERITANCE LETTER3								LONG RAINY SEASON 2014
Ν	1	GRANTED RIGHT OF OCCUPANCY1 ▶28d			LETTER OF ALLOCATION								Long to little of the orthographic
Ε	D	CERTIFICATE OF	YES1	YES1	FROM VILLAGE GOV'T4						▶38		
	ا آ	CUSTOMARY RIGHTS	NO2	NO2	OTHER GOVERNMENT DOCUMENT5 OFFICIAL CORRESPONDENCE6								
		OF OCCUPANCY2 ▶28d NO CERTIFICATE3	▶28d		UTILITY OR OTHER BILL7			YES1 NO2			YES1		IF NO PAYMENT IS TO BE MADE.
		NO CERTIFICATE			NO DOCUMENTATION8	LIST UP T	O 2 JOINT	NO2 ▶38			NO2		WRITE "0"
						OWN	ERS					NETWORK	▶ 35
						ID #1	ID #2		ID #1	ID #2		ROSTER ID	T-SHILLINGS
	H					"	"-	· · · · · · · · · · · · · · · · · · ·	"	·= " -			
1													
2													
3													
4													
5													
6													
				•				•	•		•	•	
		28a.	28b.	28c.	28d.	29.		30.	31.		31a.	32.	33.
		What type of legal certificate does your	Would you like		What other types of ownership or legal documents does	Who in the ho		Does the	Who in the ho		If you were to		How much did you pay to the
D		household have for this plot?	to apply for a	willing to pay for	your household have for this plot?	owns this plo	?	owner/househol	decide wheth		sell this plot, do	you co-rent this	owner for the use of this land in
Ε			CCRO/GRO	legal				d have the right	plot or use it	as collateral?	l'	plot?	the last completed short rainy
١.			for this plot?	certification?				to sell this plot or use it as			approval from other parties to		season?
I L								collateral?			sell it?		
N								collateral:			Sell It:		▶!
E						LIST UP T					l		
						OWN	ERS				▶!	NETWORK	
		▶!	▶!			ID #1	ID #2	▶!	ID #1	ID #2		ROSTER ID	T-SHILLINGS
1													
2												1	
3													
4													
5													

ODCANIC FEDTILIZED

												ORGANIC FERT	LIZER		
		34. What period of	f time did this	35. What share of output from	36. Who owns the	37. Who in the hou		38. In which year was the	38a. Did you have any	39. Would you feel	40. DID THE	41. Did you use any	42. What was the	43. Was any of this	44. How much was
D E	P L O	payment cover	n	this plot did you give as rent, if any, in the long rainy season 2014?	plot?	use right to this	s plot?	plot acquired?	land dispute or disagreement with anyone over this plot in the last 12 months?	comfortable leaving this plot uncultivated	HOUSEHOLD CULTIVATE THIS PLOT IN THE LONG RAINY	ORGANIC	quantity of organic fertilizer used?	purchased?	purchased?
L I N E	T I D		MONTHS1 YEARS2 UNIT	NONE1 ALMOST NONE.2 ABOUT 25%3 ABOUT 50%4 ABOUT 75%5 ALMOST ALL6	NETWORK ROSTER ID	▶ 39	9 ID #2	YEAR [4 digit]	YES1 NO2	YES1 NO2	YES1 NO2 ▶75	YES1 NO2 ▶47	KG	YES1 NO2 ▶47	КG
1															
2															
3															
4															
5															
6															
												ORGANIC FERT	LIZER		
D E L I N		34. What period of payment cover		What share of output from	36. Who owns the plot?	37. Who in the hou use right to this	usehold has s 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?	comfortable leaving this plot uncultivated	40. DID THE HOUSEHOLD CULTIVATE THIS PLOT IN THE LAST SHORT RAINY SEASON?	[PLOT] in the last completed short	quantity of organic fertilizer	Was any of this purchased?	44. How much was purchased?
Е		NO. UNITS	UNIT		NETWORK ROSTER ID	LIST UP	P TO 2 ID #2	YEAR [4 digit]			▶ !	▶ !	KG	▶ !	KG
1															
				1						I			ı	ı	1

		45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.
			Where did you buy		What is the first type of INORGANIC		Did you receive	What was the	Why did you choose to use	Where did you buy	Did you use a	What is the second type of
			most of the organic		FERTILIZER you used on this plot?	[FERTILIZER]	a voucher/	total value of	this specific type of inorganic		second type of	INORGANIC FERTILIZER you used
			fertilizer?	FERTILIZER on	, ou dood on and plot.	did you use?		[FERTILIZER]	fertilizer?	[FERTILIZER]?	INORGANIC	on this plot?
		oranzor paroriacoa.		[PLOT] in the long		a.a you acc.		purchased?	TOTAL DE L		FERTILIZER on	on and plate
				rainy season 2014?			[FERTILIZER]?	paronacou.			(PLOT) in the long	
D	Р			Tallity 3003011 20 14:	Di-ammoium		i civilizery:				rainy season 2014?	D
F	L				Phosphate (DAP)1 UREA2				ADVICE BY		ramy doddon 2011.	Phosphate (DAP)1
_	0				Triple Super				AGRICULTURAL			UREA2
	Т				Phosphate (TSP)3				OFFICER1			Triple Super
15	٠.				Calcium Ammonium				RECEIVED VOUCHER2			Phosphate (TSP)3
I I					Nitrate (CAN)4				OWN			Calcium Ammonium
IN	I				Sulphate of				EXPERIENCE3			Nitrate (CAN)4
E	D				Ammonium (SA)5				NEIGHBOUR			Sulphate of
					Nitrogen Phosphate				ADVICE4			Ammonium (SA)5
				YES1	Potassium (NPK)6 Minjingu Rock		YES1		OTHER,		YES1	Nitrogen Phosphate Potassium (NPK)6
				NO2	Phosphate (MRP)7		NO2				NO2	Minjingu Rock
				▶60	OTHER, SPECIFY8					NETWORK	▶60	Phosphate (MRP)7
			NETWORK		omen, organia	1/0				ROSTER ID		OTHER, SPECIFY8
		T-SHILLINGS	ROSTER ID			KG		T-SHILLINGS		RUSTERID		
1												
2												
3												
4												
5												
6												
				INORGANIC FERTI	LIZER						INORGANIC FERTI	LIZER
		45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.
		What was the total	Where did you buy	Did you use anv	What is the first type of INORGANIC	What quantity of	Did you receive	What was the	Why did you choose to use	Where did you buy	Did you use a	What is the second type of
D		value of organic	most of the organic	INORGANIC	FERTILIZER you used on this plot?	[FERTILIZER]		total value of	this specific type of inorganic		second type of	INORGANIC FERTILIZER you used
Е				FERTILIZER on	,,	did you use?		[FERTILIZER]	fertilizer?	[FERTILIZER]?	INORGANIC	on this plot?
				[PLOT] in the short		,		purchased?			FERTILIZER on	,
L				rainy season 2014?			[FERTILIZER]?				[PLOT] in the short	
1				, 000002011.			r =				rainy season 2014?	
N							1				, 5555011 20 14:	
F												
			NETWORK							NETWORK		
		T-SHILLINGS	ROSTER ID	▶!		KG		T-SHILLINGS		ROSTER ID	▶!	
1												
1												
2									1			

INORGANIC FERTILIZER

INORGANIC FERTILIZER

		or any of this		most of the [FERTILIZER]?	additional inorganic		What quantity of herbicide did you				buy most of the herbicides?		What quantity of did you use?	this pesticide
E O L T I N I E D	KG	YES1 NO2	T-SHILLINGS	NETWORK ROSTER ID	YES1	YES1 NO2 ▶65a	LITRE. MILLIL OTHER,	12 ITRE3 IFY4	T-SHILLINGS	ADVICE BY AGRICULTURAL OFFICER	NETWORK ROSTER ID	YES1 NO2 ▶66	KGLITREMILLILITE OTHER, SPECIFY	2 RE3
1														
2														
3														
4														
5														
6														
	•					HERBICIDES						PESTICIDES		
D [FER]	at quantity of [RTILIZER] v you use? f	Did you receive a youcher/ certificate for any of this	What was the total value of	Where did you buy most of the [FERTILIZER]?	Did you use any additional inorganic fertilizer?	Did you use any	62. What quantity of herbicide did you	of this	What was the total	Why did you choose to use this specific type of	Where did you buy most of the herbicides?	Did you use any	65b. What quantity of did you use?	this pesticide
1														
2														

PESTICIDES

HERBICIDES

					INPUTS ON CREDIT										MECHANIZATIO	N
D E	P L O	What was the total	65d. Why did you choose to use this specific type of pesticide? ADVICE BY AGRICULTURAL	65e. Where did you buy most of the pesticides?	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 2014?	received LIST ALI	67. What were the types of input you received on credit? LIST ALL		68. How much did you pay up front for these inputs?	69. How much did you repay in cash later on for the inputs?	kind later on for the inputs?		71. From whom did you receive these inputs on credit?	mechanization on this plot in the long rainy season	71b. Did you use any animal traction on this plot in the long rainy season 2014?	
I N E	T D	T-SHILLINGS	OFFICER. 1 RECEIVED VOUCHER. 2 OWN EXPERIENCE. 3 NEIGHBOUR ADVICE. 4 OTHER, SPECIFY. 5	NETWORK ROSTER ID	YES1 NO2 ▶71a	ORG. FE INO F PES	DS ANIC RTILIZ RGANIC ERTILI TICIDE ERBICI	ER ZER S /	2	T-SHILLINGS	T-SHILLINGS	(KGS) LABOR (DAYS). OTHER, SPECIFY	2	NETWORK ROSTER ID	YES1 NO2	YES1 NO2
1																
2																
3																
4																
5																
6																
					INPUTS ON CREDIT										N	
D E L I		What was the total	65d. Why did you choose to use this specific type of pesticide?	65e. Where did you buy most of the pesticides?	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	67. What wer received LIST ALI	on credit?		you	68. How much did you pay up front for these inputs?	69. How much did you repay in cash later on for the inputs?	70. How much did y kind later on for		71. From whom did you receive these inputs on credit?	mechanization on this plot in the	71b. Did you use any animal traction on this plot in the long rainy season 2014?
N E		T-SHILLINGS		NETWORK ROSTER ID	season? ►!	#1	#2	#3	#4	T-SHILLINGS	T-SHILLINGS	QUANTITY	CODE	NETWORK ROSTER ID		
1					_											
2			-													
3																
4																
5																
6																

		72. During the I	long rainy se	eason 2014,	how many o	days did [NA	ME] spend	on the following a	ctivities on t	nis plot?												
DE L-X	P L O																					
л — Х г	T			Land	preparation a	and planting			Weed	ing, Ridging	, Fertilizing,	Other Non-	Harvest and	Non-Plantir	ng Activities			H	arvesting & 1	hreshing		
Е	D	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot
1 2 3 4 5																						
2																						
3																						
5																						
6																						
		HOUSEHO	I D I ADOD																			
		72.			ny season h	now many da	Ne did INIA	ME] spend on the f	ollowing ac	ivities on thi	e nlot?											
D E		During the I	iast complet		preparation a			will spend on the h				er Non-Harv	est Activites	and Non-P	lanting Activities			H	arvesting & 1	hreshing		
DE L-ZE		ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot	ID:	ID:	ID:	ID:	ID:	ID:	Typical number of hours per day worked by an individual on this plot
1																						
2																						
3																						
4																						
1 2 3 4 5																						
0																						

HOUSEHOLD LABOR

		HIRED LABOR													
D E	P L 0	73.	74. During the long INCLUDE IN-K			ays did your household hav	e hired labor for	this plot for []	?						
L I N E	T I D			Land pre	paration and pla	nting	Weeding, R	idging, Fertilizin	g, Other Non-Ha anting Activities	rvest Activites and Non-	Harvesting & Threshing				
	ם	YES1 NO2 ▶75	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												ı	
D E		73. Did you hire any labor to work on this plot in	74. During the last	completed short	rainy season, ho	ow many days did your hous	sehold have hire	d labor for this p	olot for []?						
L I		the last completed short rainy season?		Land pre	paration and pla	nting	Weeding, R		g, Other Non-Ha anting Activities	rvest Activites and Non-		Harve	esting & Threshir	ng	
N E		▶ !	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

		75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.
		WHEN WAS THE LAST	,			How did you acquire this plot for	How did you use this plot	Did you cultivate			Why did you not have this plot	
		SHORT RAINY SEASON?			of this plot in the short rainy	the long rainy season 2014?			main crop cultivated on this			during the short rainy season 2014?
		USE INFORMATION IN			season 2013?					season 2014?	SHOIL Falliy Season 2014?	SedS011 20 14 ?
	P	SECTION 2							rainy season			
D E	li					► NEXT PLOT	► NEXT PLOT		2014?			
	0					P NEXT LOT	P NEXT LOT				► NEXT PLOT	
L	Т			► NEXT PLOT		BOUGHT IT1					,	► NEXT PLOT
I N E	I D	OCT-DEC 20131 OCT-DEC 20142	YES1 NO2 ▶78	P NEXT LOT	YES1 ▶80 NO2	INHERITED	RENTED1 GIVEN2 FALLOW3 FOREST4 OTHER, SPECIFY5	YES1 NO2 ▶83	► NEXT PLOT	YES1 ▶85	SOLD IT1 ABANDONED2 TAKEN3 REDISTRIBUTED BY VILLAGE4 GIVEN AWAY5 STOPPED RENTING	RENTED1 GIVEN2 FALLOW3 FOREST4 OTHER,
				CROP CODE	NO2	OCCUPIED7		• 03	CROP CODE	NO2	/SHARECROPPING.6	SPECIFY.5
1												
2												
3												
4												
5												
6												

SHORT RAINY SEASON

DE LINE	75. ENUMERATOR: DID YOU ALREADY LIST THIS PLOT ABOVE IN 3A? YES1 NEXT PLOT NO2	76. WHAT YEAR WAS THE LAST COMPLETED SHORT RAINY SEASON? 20131 20142 ▶78	77. Why did you not have this plot (own or cultivate) during the long rainy season 2014? ► NEXT PLOT SOLD IT	78. How did you acquire this plot for the short rainy season 2014? BOUGHT IT
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 2014. REFER TO SECTION 2A.

1	
2	
3	
4	
5	
6	

3B. SHORT RAINY SEASON

DH L-ZH	P L O T	1. LIST ALL PLOTS OWNED OR CULTIVATED BY THE HOUSEHOLD IN MASIKA 2014 OR THE LAST COMPLETED VULI SEASON. REFER TO SECTIONS 2A AND 2B

1	
2	
3	
4	
5	
6	

4. CROPS BY PLOT

			<u>I PLOT</u> INY SEASON	2014				SEEDS			
			1.	2.	3.	4.	5.	6.	8.	10.	
D			in entire area of	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?	Were the main seeds	What was the total amou used?	unt of seeds
E L I N E	P L O T	C R O P	YES1 ▶4 NO2	1/41 1/22 3/43	WAS DIVIDED	YES1 NO2 ▶6	MORE FERTILE FOR THE SOIL1 SUBSTITUTE IF EITHER CROP FAILS2 OTHER, SPECIFY3	NAME	IMPROVED1 TRADITIONAL2 IMPROVED, RECYCLED3 OTHER, SPECIFY4	KG	2
1											
2											
3											
4											
5											
6											
7											
9											
10											
10			4B. LAST CO	MPLETED SHOR	T RAINY SEASON			SEEDS			
DE LIN	P L O T	C R O P	Was crop planted in entire area of	2. Approximately, how	3.		5. What is the reason for this intercropping?	6. What was the name of the main seed variety for this [CROP] on this plot?	8. Were the main seeds	10. What was the total amou used?	unt of seeds
Ε			▶!			▶!		NAME	▶!	QUANTITY	UNIT
1											
2											
3											
4											
5											
6											
7											
8											

									PRE-HARVEST L	OSSES	HARVEST	
	10a.		10b.	10c		12.	13.	13a.	17.	18.	19.	20.
	How much of the total s the plot came from the pseason?		What type of seeds were used from the previous season?	How much of the total s plot came from purchas		What was the total amount paid for seeds?	Where did you buy most of the seed?	Did you receive a voucher/certificate for any of this [SEED]?	Were there any losses of crops before the harvest?	What was the cause of these losses?	Did you harvest any [CROP] on this plot in the long-rainy	Why didn't you harvest any [CROP] on this plot?
L-NE	KG1 20 LITER BUCKET2 SMALL CUP3 LARGE CUP4 OTHER, SPECIFY5 IF '0' ▶ 10C QUANTITY UNIT		IMPROVED1 TRADITIONAL2 IMPROVED, RECYCLED3 OTHER, SPECIFY4	KG1 20 LITER BUCKET2 SMALL CUP3 LARGE CUP4 OTHER, SPECIFY5		T-SHILLINGS	NETWORK ROSTER ID	YES1 NO2	YES1 NO2 ▶19	BIRDS1 ANIMALS2 INSECTS3 DISEASES4 THEFT5 OTHER, SPECIFY6	YES1 ▶21 NO2	NOT MINE TO HARVEST1 STILL IN PLOT2 DESTRUCTION3 OTHER, SPECIFY.4 NEXT CROP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
10						<u> </u>		<u> </u>	PRE-HARVEST L	OSSES	HARVEST	
	10a.		10b.	10c.		12.	13.	13a.	17.	18.	19.	20.
D E	How much of the total s the plot came from the season?	eeds used on previous	What type of seeds were used from the previous season?	How much of the total s plot came from purchas		What was the total amount paid for seeds?	Where did you buy most of the seed?	Did you receive a voucher/certificate for any of this [SEED]?		What was the cause of these losses?	Did you harvest any [CROP] on this plot in the last short-rainy season?	Why didn't you harvest any [CROP] on this plot?
E	▶!						NETWORK					
	QUANTITY	UNIT	▶!	QUANTITY	UNIT	T-SHILLINGS	ROSTER ID		▶!		▶!	▶!
1												
2												
3												
4												
5												
6								†	 			
7												
8												
0												

1	D E L I N E		22. Was area harvested less than area planted? YES1 NO2 ▶24	23. What was the reason it was less than the area planted? USE CODES AT RIGHT	month of the h period? PUT "0" IN "I YET COI	/hat was the first and last onth of the harvest fin ha seriod? PUT "0" IN "END" IF NOT YET COMPLETE MONTH			of the crop remains to be harvested in this period?	CONVERT LOCAL UNITS TO KILOGRAMS	29. What is the estimated value of the harvested crop? HOW MUCH WAS HARVEST WORTH IN THE MARKET DURING HARVEST SEASON?		concerning the rested crop?	CODES FOR Q23 DROUGHT1 RAINS2 FIRE3 INSECTS4 ANIMALS5 CROP THEFT6 DISEASES AND COMMUNITY PROBLEMS7 LACK OF CASUAL LABOR8 OTHER,
3 4 5 5 6 6 7 7 8 9 9 9 9 9 9 9 9 9		ACRES			BEGIN	END		DAYS	PERCENT	KG	T-SHILLINGS	ID #1	ID #2	SPECIFY9
3	1													
3	2													
4 S S S S S S S S S	-													
6 7 8 9 9 10	-													
21. D What was the E area harvested in last short rainy season? N ACRES P 1 D WAGE TO THOU THE PERIOD TO TWO BEGIN END D AYS D What was the area planted? BEGIN END D AYS D AYS D What was the first and last havested the area planted? D AYS D What was the E area harvested the area planted? D What was the teason it was the area planted? USE CODES AT RIGHT BEGIN END D AYS D AYS	5													
8 8 9 1 10 1 21. D What was the E area harvested less than area planted? I NORTH BEGIN END 1 DAYS PERCENT KG T-SHILLINGS 10 #1 10 #2 1 21. CARES 1 1 1 22. What was the eason? I was the first and last reason it was the area planted? I NORTH BEGIN END 1 DAYS PERCENT KG T-SHILLINGS 1 D#1 1 D#2 1 1 2 1 2 2 2 3 3 What was the first and last reason it was the area planted? I NORTH BEGIN END 1 DAYS PERCENT KG T-SHILLINGS 1 D#1 1 D#2 1 1 2 1 2 2 3 3 What was the reason it was the first and last harvest of the crop you expect the last? This period?	6													
21.	7													
21. Was area was the E area harvested in last short L rainy season? N ACRES ▶ 1 22. Was area planted? Was area planted? Was area planted? What was the first and last month of the harvest period? What was the reason it was rea planted? What was the first and last month of the harvest period? What is the estimated walue of the tarvested value of the harvested or op? What is the estimated walue of the harvested value of the harvested or op? What is the estimated walue of the harvested value of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? What is the estimated walue of the harvested or op? LIST UP TO TWO LIST UP TO TWO LIST UP TO TWO The period of the crop was period? What is the estimated walue of the harvested? No T-SHILLINGS ID #1 ID #2	8													
21.	9													
D What was the area harvested in last short rainy season? N E ACRES N I N BEGIN N E ACRES N I N BEGIN N E ACRES N I N BEGIN N BEGI	10													
D What was the area harvested in last short rainy season? N E ACRES N I N BEGIN N E ACRES N I N BEGIN N E ACRES N I N BEGIN N BEGI							·					<u> </u>		_
E area harvested less than area planted? In last short L rainy season? N E ACRES N ONTH BEGIN END DAYS PERCENT KG T-SHILLINGS			22.	23.	24.		25.				29.	30.		
L rainy season? area planted? USE CODES AT RIGHT MONTH begin END ▶! DAYS PERCENT KG T-SHILLINGS ID #1 ID #2 1 2 3 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4<		area harvested	harvested less	reason it was	month of the h		finished the	more days do	of the crop	quantity	value of the harvested	the decisions of	concerning the	
ACRES ▶! AT RIGHT MONTH BEGIN END ▶! DAYS PERCENT KG T-SHILLINGS ID#1 ID#2 1	L I		man area pianteu?	area planted?	pellou!		iiai vest!	harvest to	harvested in	naivesteu :	loroh:	use of the fidiv	esieu Gop!	
ACRES ▶! BEGIN END ▶! DAYS PERCENT KG T-SHILLINGS ID#1 ID#2 1					MOM	NTH						LIST UP	то тwо	
3 4 5 6 7			▶!			1	▶!	DAYS	PERCENT	KG	T-SHILLINGS	ID #1	ID #2	
3 4 5 6 7	1													
3 4 5 6 7	2													
4 5 6 7	-													
5 6 7	-													
6 7	5													
7	_													
	7													
	8													

4. CROPS BY PLOT

4A. LONG RAINY SEASON 2014

	4A. LC	NG RA	AINY SEASON 2014	
D	P L O T	C R O P	PLEASE LIST ALL PLOTS CU LONG RAINY SEASON 2014. FOR EACH PLOT LIST ALL AI CULTIVATED. PLOT NAME	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
	4B. LA	ST CO	MPLETED SHORT RAIN	NY SEASON
D E L Z E	P L O T	C R O P	PLEASE LIST ALL PLOTS CU LAST COMPLETED SHORT F FOR EACH PLOT LIST ALL C PLOT NAME	RAINY SEASON.
4				
2				
3				
3				
5				
5				
7				
8				
Ť				

5. CROPS - HOUSEHOLD TOTALS

5A. LONG RAINY SEASON 2014

SALES

D E	C R O	1. Did you sell any of the [CROP] produced in the long rainy season 2014?	2. What was the quantity sold?	the sales?	firms or institutions did	5. What quantity of [CROP] did you sell to [CUSTOMER #1]?	value of these sales to [CUSTOMER #1]?	-	st of	while selling [CROP] to	9. Who in your h responsible fo the sale of [CI [CUSTOMER	r negotiating ROP] to	10. Who in your I decided what these earning	to do with	11. To which persons, firms or institutions did you sell the second largest amount of [CROP]?
L I N E	P C O D	YES1 NO2 ▶23	CONVERT LOCAL UNITS INTO KILOGRAMS		LIST LARGEST CUSTOMER NETWORK ROSTER ID CODE						LIST UP T HOUSEHOL	O 2 FROM .D ROSTER	LIST UP T HOUSEHOI		IF NONE, WRITE 99 AND ► 18 NETWORK ROSTER ID CODE
			KG	T-SHILLINGS	CUSTOMER #1	KG	T-SHILLINGS	MONTH	YEAR	TRANSACTIONS	HH ID #1	HH ID #2	HH ID #1	HH ID #2	CUSTOMER #2
1															
2															
3															
4															
5															

5B. SHORT RAINY SEASON

SALES

D E	R O	1. Did you sell any of the [CROP] produced in the last completed short rainy			4. To which persons, firms or institutions did you sell the largest amount of [CROP]?		6. What was the total value of these sales to [CUSTOMER #1]?		st of	while selling [CROP] to	9. Who in your h responsible fo the sale of [CF [CUSTOMER	r negotiating ROP] to	10. Who in your I decided what these earning	to do with	11. To which persons, firms or institutions did you sell the second largest amount of [CROP]?
L I N E	C O D E	season? ►!	CONVERT LOCAL UNITS INTO KILOGRAMS	T-SHILLINGS	LIST LARGEST CUSTOMER NETWORK ROSTER ID CODE CUSTOMER #1	KG	T-SHILLINGS	MONTH	YEAR	TRANSACTIONS	LIST UP TO HOUSEHOL		LIST UP T HOUSEHOL	O 2 FROM D ROSTER	IF NONE, WRITE 99 AND ► 18 NETWORK ROSTER ID CODE CUSTOMER #2
1															
2															
3															

											TRANSPORT				
		12.	13.	14.		15.	16.		17.		18.	19.	20.	21.	22.
		' '				Approximately how many			Who in your l		Generally, did		How many times	Generally, how did you	How much did you pay to
	С		value of these sales to [CUSTOMER #2]?	you sell mos [CROP] to			responsible for the sale of ICI	0 0	decided what these earning		you transport [CROP] for sale?		did you transport [CROP] for sale	transport [CROP]?	transport [CROP] during the long rainy season 2014?
D	R	[CUSTOMER #2]?		[CUSTOME				e sale of [CROP] to th USTOMER #2]?			[ortor] to: oaio:		during the long		10.1g (a.i.) 0000011 20 1 11
Е	0 P												rainy season in 2014?	ON TOOM 1	
	r												2014?	ON FOOT1 BICYCLE2	
1	С						LIST UP T			LIST UP TO 2 FROM				ANIMAL3 CAR4	INCLUDE ROUNDTRIP TRANSPORTATION
N	0						HOUSEHOL	D ROSTER	HOUSEHOL	D ROSTER	YES1			OTHER,	TRANSFORTATION
	D							HOUSEHOLD ROSTER H			NO2 ▶23			SPECIFY5 MOTORBIKE6	
	Ε														
				1			,	i		i			" TIMES		T 01 111 1 111 00
		KG	T-SHILLINGS	MONTH	YEAR	TRANSACTIONS	HH ID #1	HH ID #2	HH ID #1	HH ID #2		KM	# TIMES		T-SHILLINGS
1															
2															
3															
4															
5															

											TRANSPORT				
		12. What quantity of	13. What was the total	14.	n month did	15. Approximately how many	16. Who in your b	ousehold is	17. Who in your h	anachald	18. Did you transport	19.	20. How many times	21. How did you transport	22. How much did you pay to
D E L	R	[CROP] did you sell	value of these sales to [CUSTOMER #2]?		st of	transactions took place while selling [CROP] to	responsible fo the sale of [CF	sponsible for negotiating deci		negotiating decided what to do with [Classification of these earnings?]		average distance you transported [CROP] for sale?		[CROP]?	transport [CROP] during the short rainy season?
N E	C O D E	¥0	T QUILLINGS	MONTH	VEAD	TRANSACTIONS		HOUSEHOLD ROSTER H		LIST UP TO 2 FROM HOUSEHOLD ROSTER HH ID #1 HH ID #2		W	# TIMEO		TRANSPORTATION
		KG	T-SHILLINGS	MONTH	YEAR	TRANSACTIONS	ו#עוחח	HH ID #2	ו# טו חח	NN 10 #2	▶!	KM	# TIMES		T-SHILLINGS
1															
2											·				
3															

		STORAGE					POST-HARVES	T LOSSES		
		-	24. How much of this harvest do you still	25. What is your main method of storage?		27. What did you do?		30. What was the reason for the loss?	Out of 10 units of	32. What was the value of this lost crop?
D E L I N E	R		have in storage?	LOCALLY MADE TRADITIONAL STRUCTURE1 LOCALLY MADE IMPROVED STRUCTURE2 MODERN STORE3 SACKS / OPEN DRUM4 AIRTIGHT DRUM5 UNPROTECTED PILE6 CEILING7 OTHER, SPECIFY8	YES1 NO2 ▶28	SPRAYING1 SMOKING2 OTHER, SPECIFY3	 post-harvest to rotting, insects, rodents, theft, etc? YES1 NO2 >32a		many were lost?	of this lost diop.
			KG						(0-10)	T-SHILLINGS
1										
2										
3										
4										
5										

		STORAGE						POST-HARVES	T LOSSES		
		23.	24.	25.	26.	27.	28.	29.	30.	31.	32.
D E L I N E	R O	Do you have any of the harvest from the last completed short rainy season in storage now?	harvest do you still	·	Did you do anything to protect the stored crop?		usually the main purpose of storing it?		reason for the loss?		What was the value of this lost crop?
	D E	▶!	AMOUNT KG		▶ !			▶!		NUMBER (0-10)	T-SHILLINGS
1											
2											
3											

		CROP DISPOS	ITION				CROP RESIDUE				
D E L I N E	C R O P C O D E	How much of the harvest was consumed?	harvest was stored as seed for the next planting season?	harvest was given	How much of the harvest was given away as gifts?	32e. How much of the harvest was used as animal feed?	33. What was done with the residue from this crop? CROP PRODUCES NO RESIDUE1 (NEXT CROP) RESIDUE WAS LEFT IN FIELD2 (NEXT CROP) MULCHED3 (NEXT CROP) FOR GRAZING OWN ANIMALS4 (NEXT CROP) FOR GRAZING OTHERS' ANIMALS5 FEEDING OWN ANIMALS6 (NEXT CROP) FOR SALE7	34. What was the quantity sold?	35. What was the total value of the sales?		m this [CROP]?
		KG	KG	KG	KG	KG	OTHER, SPECIFY8	KG	T-SHILLINGS	1	STER ID CODE 2
1											
2						_					
3											
4											
5											

		CROP DISPOS	ITION				CROP RESIDUE		loo.			
		32a.	32b.	32c.	32d.	32e.	33.	34.	35.	36.		
D E L I N E	P	How much of the harvest was consumed?		harvest was given	harvest was given away as gifts?	How much of the harvest was used as animal feed?		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]? LIST UP TO TWO		
	D E	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT				NETWORK ROS	STER ID CODE	
		KG	KG	KG	KG	KG		KG	T-SHILLINGS	1	2	
1												
2												
3												

5. CROPS - HOUSEHOLD TOTALS

5A. LONG RAINY SEASON 2014

DE L-ZE	C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE LONG RAINY SEASON 2014, AS LISTED IN SECTION 4
	CODE	CROP NAME
1		
1		
1 2 3		
Ē		
3		

DE L-XE	C R O P	PLEASE LIST ALL ANNUAL CROPS GROWN ON ANY PLOT DURING THE SHORT RAINY SEASON, AS LISTED IN SECTION 4
	CODE	CDOD NAME
	CODE	CROP NAME
1	CODE	CROP NAME

6. PERMANENT CROPS BY PLOT

		RUIT CF	ROPS													PRE-HARVE	ST LOSSES
D E L I N E	P L O T	C R O P	1. PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS. FOR EACH PLOT, LIST ALL FRUITS CULTIVATED. FRUIT NAME	2. How many of these plants/ trees are on this plot?	3. In what year were most of these plants/ trees planted?	4. How many trees/ plants were planted during the last 12 months?	5. Was cultivation intercropped during the past long rainy season? YES1 NO2	6. What was the reason for intercropping? MORE FERTILE FOR THE SOIL1 SUBSTITUTE IF EITHER CROP FAILS	for the [FRU (IF THERE PRODUCTI MONTHS)	JIT]? IS NO PAR' ION PERIOD	FICULAR D, USE THE	LAST 12	the decisions of use of [FRUIT] the past 12 mo	concerning the] harvested in	9. What was the total amount of [FRUIT] harvested in the past 12 months?	10. Were there any losses of [FRUIT] before the harvest? YES1 NO2 NEXT	11. What was the cause of these losses? BIRDS1 ANIMALS2 INSECTS3 DISEASES4 THEFT5 OTHER,
			TROTT NAIVIL	NUMBER	YEAR [4 digit]	NUMBER			YEAR	MONTH	YEAR	MONTH	חחוט#ו	NN 1D #2	NG	FRUIT	SPECIFY.6
1 2 3 4 5 6																	
7																	
8																	
9																	
10																	
10	6D DE	DMAN	ENT CROPS													PRE-HARVE	ST I OSSES
D E L I N E	P L O T	C R O P	1. PLEASE LIST ALL PLOTS CULTIVATED DURING THE LAST 12 MONTHS. FOR EACH PLOT, LIST ALL PERMANENT CROPS CULTIVATED. CROP NAME	2. How many of these plants/ trees are on this plot?	3. In what year were most of these plants/ trees planted? YEAR [4 digit]	4. How many trees/ plants were planted during the last 12 months?	5. Was cultivation intercropped during the past long rainy season? YES1 NO2	6. What was the reason for intercropping? MORE FERTILE FOR THE SOIL1 SUBSTITUTE IF EITHER CROP FAILS	(IF THERE IS NO PARTICULAR			the decisions of use of [CROP] the past 12 mo	concerning the] harvested in		10. Were there any losses of [CROP] before the harvest? YES1 NO2 NEXT CROP	11. What was the cause of these losses? BIRDS1 ANIMALS2 INSECTS3 DISEASES4 THEFT5 OTHER, SPECIFY.6	
1																	
2						1											
3																	
4																	
5																	
6				1		<u> </u>											
										I							

7. PERMANENT CROPS BY CROP

		7A. FRUIT CROPS										STORAGE							
D E	F R	1. LIST ALL FRUIT TREES REPORTED IN SECTION 6A	Did you sell any of the [FRUIT] collected?	3 What was the total quanity sold?	4. What was the total value of [FRUIT] sold?	5. Who in your ho responsible for the sale of the	negotiatinig			decided what to do with these		decided what to do with these		decided what to do with these				this harvest in	9. How much of this harvest do you still have in storage?
L I N E	U I T		YES1 NO2 ▶8			LIST UP TO TWO FROM HOUSEHOLD ROSTER		LIST UP TO TWO FROM HOUSEHOLD ROSTER		START WITH THE LARGEST CUSTOMER LIST UP TO TWO		YES1 NO2 ▶13	AMOUNT						
		FRUIT NAME		KG	T-SHILLINGS	HH ID #1	HH ID #2	HH ID #1	HH ID #2	1	2		KG						
1																			
2																			
3																			
4																			
5																			
	7B PERMANENT CROPS Is																		
		7B. PERMANENT CROPS										STORAGE							
D E	С	7B. PERMANENT CROPS 1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	2 Did you sell any of the [CROP] collected?		4. What was the total value of this [CROP] sold?	5. Who in your ho responsible for sale of the [CR	negotiating the	6. Who in your ho decided what to earnings?		7. Where did you the [CROP]?	ı sell most of	8. Do you have any of	9. How much of this harvest do you still have in storage?						
D E L I N E		1. LIST ALL PERMANENT CROPS	Did you sell any of the [CROP] collected?	What was the total	What was the total value of	Who in your ho responsible for	negotiating the OP]?	Who in your ho decided what to earnings?	o do with these	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER TO TWO	8. Do you have any of this harvest in storage now? YES1	How much of this harvest do you still have in storage?						
E L I	C R O P	1. LIST ALL PERMANENT CROPS	Did you sell any of the [CROP]	What was the total	What was the total value of	Who in your ho responsible for sale of the [CR	negotiating the OP]?	Who in your ho decided what to earnings?	o do with these	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER	8. Do you have any of this harvest in storage now?	How much of this harvest do you still						
E L I	C R O P	1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	Did you sell any of the [CROP] collected?	What was the total quanity sold?	What was the total value of this [CROP] sold?	Who in your horesponsible for sale of the [CR] LIST UP TO HOUSEHOL	negotiating the OP]? TWO FROM LD ROSTER	Who in your ho decided what to earnings? LIST UP TO HOUSEHOL	TWO FROM D ROSTER	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER TO TWO	8. Do you have any of this harvest in storage now? YES1 NO2	How much of this harvest do you still have in storage?						
E L N E	C R O P	1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	Did you sell any of the [CROP] collected?	What was the total quanity sold?	What was the total value of this [CROP] sold?	Who in your horesponsible for sale of the [CR] LIST UP TO HOUSEHOL	negotiating the OP]? TWO FROM LD ROSTER	Who in your ho decided what to earnings? LIST UP TO HOUSEHOL	TWO FROM D ROSTER	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER TO TWO	8. Do you have any of this harvest in storage now? YES1 NO2	How much of this harvest do you still have in storage?						
E L I N E	C R O P	1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	Did you sell any of the [CROP] collected?	What was the total quanity sold?	What was the total value of this [CROP] sold?	Who in your horesponsible for sale of the [CR] LIST UP TO HOUSEHOL	negotiating the OP]? TWO FROM LD ROSTER	Who in your ho decided what to earnings? LIST UP TO HOUSEHOL	TWO FROM D ROSTER	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER TO TWO	8. Do you have any of this harvest in storage now? YES1 NO2	How much of this harvest do you still have in storage?						
E L N E	C R O P	1. LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	Did you sell any of the [CROP] collected?	What was the total quanity sold?	What was the total value of this [CROP] sold?	Who in your horesponsible for sale of the [CR] LIST UP TO HOUSEHOL	negotiating the OP]? TWO FROM LD ROSTER	Who in your ho decided what to earnings? LIST UP TO HOUSEHOL	TWO FROM D ROSTER	the [CROP]? START LARGEST LIST UF	WITH THE CUSTOMER TO TWO	8. Do you have any of this harvest in storage now? YES1 NO2	How much of this harvest do you still have in storage?						

						POST-HARVEST LOS	SSES		
			10.	11.	12.	13.	14.	15.	16.
		LIST ALL FRUIT TREES REPORTED IN SECTION 6A	What is your main method of storage? LOCALLY MADE TRADITIONAL STRUCTURE1	Did you do anything to protect the stored crop?	,	Was any portion of the production lost post-harvest to rotting, insects, rodents, theft, etc?	What was the reason for this loss?		What was the value of this lost [FRUIT]?
L	U I T		IMPROVED LOCALLY MADE STRUCTURE 2 MODERN STORE 3 SACKS/OPEN DRUM 4 AIRTIGHT DRUM 5 UNPROTECTED PILE 6 OTHER, SPECIFY 7	YES1 NO2 ▶ 13	SPRAYING1 SMOKING2 OTHER, SPECIFY3	YES1 NO2 ▶NEXT FRUIT	ROTTING1 INSECTS2 RODENTS, PESTS3 THEFT4 OTHER SPECIFY5	NUMBER	
		FRUIT NAME						(0-10)	T-SHILLINGS
1									
2									
3									
4									
5									
						POST-HARVEST LO	SSES		
			10.		12.	13.	14.	15.	16.
D E		LIST ALL PERMANENT CROPS REPORTED IN SECTION 6B	What is your main method of storage?	Did you do anything to protect the stored crop?	,	Was any portion of this production lost post-harvest to rotting, insects, rodents, theft, etc?	What was the reason for this loss?		What was the value of this lost [CROP]?
L	R O P		LOCALLY MADE TRADITIONAL STRUCTURE1 IMPROVED LOCALLY MADE STRUCTURE2 MODERN STORE	YES1 NO2 ▶13	SPRAYING1 SMOKING2 OTHER, SPECIFY3	YES1 NO2 ▶NEXT CROP	ROTTING1 INSECTS2 RODENTS, PESTS3 THEFT4 OTHER SPECIFY5	NUMBER	
		CROP NAME						(0-10)	T-SHILLINGS

CROP DISPOSITION

пит-ги	F R U I T	17. How much of the harvest was consumed?	harvest was stored as seed for the next		harvest was given	21. How much of the harvest was used as animal feed?
		AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
		KG	KG	KG	KG	KG

1			
2			
3			
4			
5			

CROP DISPOSITION

		17.	18.	19.	20.	21.	
DE L-ZE	C R O P	How much of the harvest was consumed?	harvest was stored as seed for the next	How much of the harvest was given as payments for labour or non-labour payments?		21. How much of the harvest was used as animal feed?	
		AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
		KG	KG	KG	KG	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.	0.10. 0.	PROCESSED AND PRO		4.		5.	6.	7.		8.	9.	
	Crop name	produc crop?			produced in the last 12 months?		In total, how much [CROP] did you use in total as input for the [BY-PRODUCT] in the last 12 months?	PRODUCT] sold?		as sold?	How much [CROP] did you use as input for the sold [BY-PRODUCT]?	Who in your household was responsible for negotiationg the sale of [BY-PRODUCT]? LIST UP TO 2 FROM HOUSEHOLD ROSTER	
								YES1 NO2	KG1 LITER2				
		CROP CODE	PROCESSED1 BY-PRODUCT2	USE CODES BELOW	AMOUNT	UNIT	KG	▶13	AMOUNT	UNIT	KG	HH ID #1	HH ID #2
1													
2													
3													
4													
5													
6													
7													
8													
9	·		·										
10													

CODES FOR Q3 PROCESSED:	BY-PRODUCTS: MAIZE BRAN9
FLOUR. 1 SEED. 2 PALM OIL 3 JUICE 4 THREAD. 5 PULP 6 RUBBER. 7 OTHER, SPECIFY 8	WAT HUSK (WHEAT, BARLEY)10 RICE COVER11 JUICE12 THREAD13 PULP14 PALM OIL15 OUTER COVER16 NO WASTE17 OTHER, SPECIFY18
	OTHER, OFFICIET

	10.		11.	12.		13.	14.
	Who in your hous what to do with the		What was total sales in shillings?	[BY-PRODUCT] that you sold?		Did you incur any other expenses such as labor costs, additional inputs etc. in the production of [BY-PRODUCT]?	What were the total costs of these additional expenses?
	LIST UP TO 2 FROM HOUSEHOLD ROSTER		T CHILLINGS	NETWORK	TO TWO ROSTER ID	YES1 NO2 ►NEXT PRODUCT	T CHILLINGS
	HH ID #1	HH ID #2	T-SHILLINGS	1	2	11000001	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

		How many	What is the value of the [ITEM] if sold?	own [ITEM] during the last 12 months? YES1 NO2	Did you use [ITEM] in the last 12 months? YES1 (▶6)	using [ITEM]? NO NEED FOR ONE.1 NEEDS REPAIR / SICK	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?	Where did your household rent or borrow [ITEM] from last 12 months? NETWORK	9. How much did your housheold pay to rent or borrow [ITEM] last 12 months?
	ITEM	NUMBER	T-SHILLINGS	(▶6)	NO2	OTHER, SPECIFY5	(PNEAT)	NUMBER	ROSTER ID CODE	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

	1. In the last 1	A2.	A3 Land management	В.	YES	1	E Livestock	F	THE RESPONDENT ANSWER YES FOR ANY TYPE OF ADVICE IN	3. Who in receive [SOUR	d advice CE]?		IN HH	4. How would you rate the advice received?	5. Did you pay anything in order to receive the advice?	6. How much did you pay?	7. How many times did someone froi [SOURCE] visit your farm in the past 12 months?
SOURCE	Seeds/ Planting	Type /Application	(eg erosion control, crop rotation)		Marketing	Production	Production	Prevention of Livestock diseases	YES1 NO2 ▶NEXT ROW	ID #1	ID #2	ID #3	ID #4	GOOD1 AVERAGE2 BAD3	YES1 NO2	T-SHILLINGS	PUT 0 IF NEVE
1 Government extension																	
NGO																	
Cooperative/Farmer's Association																	
Large Scale Farmer																	
5 Other, Specify																	
SOURCE		ultural prices RCE]?	9. Did you pay any to receive the action of	dvice?		did you pay?											

		In the past 12 months did anyone in your household receive any information about agricultural prices from [SOURCE]?	Did you pay anything in order to receive the advice?	How much did you pay?
	SOURCE	YES1 NO2	YES1 NO2 ▶NEXT ROW	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

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

Crop Codes	_
Cereals/tubers/roots	
Maize11	•
Paddy 12	
Paddy12	
Sorghum13	
Bulrush Millet14	
Finger Millet15	
Wheat16	
Barley17	
Cassava21	
Sweet Potatoes22 Irish potatoes23	
Irish potatoes23	
Yams24	
Cocoyams25	
Onions26	
Ginger27	
Legumes, Oil & fruit	:
Beans31	
Beans	
Green gram33	
Chick peas35	
Chick peas35 Bambara nuts36	
Field peas37	
Sunflower41	
Sesame42	
Groundnut 43	
Field peas 37 Sunflower 41 Sesame 42 Groundnut 43 Soyabeans 47	
Caster seed48	
Caster seed40	
Fruits:	
Passion Fruit70	
Banana71 Avocado72	
Avocado72	
Mango73	
Papaw74	
Orange	
Granefruit 77	
Grapefruit77 Grapes78	
Grapes	
Mandarin79	
Guava. 80 Plums. 81 Apples. 82 Pears. 83	
Plums	
Apples82	
Pears83	
reaches	
Lime. 851 Lemon. 852 Pomelo. 68 Jack fruit 69	
Lemon852	
Pomelo68	
Jack fruit69	
Durian9/	
Bilimbi98	
Bread fruit67	
Malay apple38	
Star fruit39	
Custard Apple200	
God Fruit. 201	
### ##################################	
Plum203	
111000	
Peaches204	
Pomegranate205	
Date210	

Veget	tab	le	s	:						
Cabba Tomat	age								86	
Tomat	toe	s.	_				_	_	87	
Spina	-ch								88	
Carro	1 C I I		•	٠.	•	٠.	•	•	20	
Chil	ıes	٠.	٠	٠.	•	٠.	•	•	90	
Amara	ant	hs	٠				•			
Pumpl	kin	s.							92	
Cucur	nbe	r.							93	
Egg I	Pla	nt							94	
Water	r M	e1	1 0	on			_	_	9.5	
Caul										
										1
Okra										
Fiwi.		٠.	٠	٠.	•		٠	•	IU.	L
	_									
Cash										
Cotto	on.	٠.	•				•	•	50	
Tobac	cco								51	
Pyret	thr	um							52	
Jute									62	
Seawe	ed.						Ī	Ī	19	
			•				Ī	•		
Perma	ane	nt	. (Ca	sŀ	ı	c	r	go	s :
Coffe		٠.	•	• •	•	• •	•	•	54	
Sisa: Coffe	ee.								54	
Tea.									55	
Tea.	 a								55 56	
Tea. Cocoa Rubbe	 a er.	· ·		 		 			55 56 57	
Tea. Cocoa Rubbe Watt	a er. le.	 		 		· ·			55 56 57 58	
Tea. Cocoa Rubbe Wattl	a er. le.	 		 		· ·			55 56 57 58	
Tea. Cocoa Rubbe Watt! Kapol	er. le. k			 		 			55 56 57 58	
Tea. Cocoa Rubbe Watt! Kapol sugar	er. le. k	 an	e			 			55 56 57 58 59 60	
Tea. Cocoa Rubbe Watt! Kapol sugar Carda	er. le. k r C	 an m	e .			 			55 56 57 58 59 60 61	
Tea. Cocoa Rubbe Watt: Kapol sugar Carda	er. le. k r C amo	 an m	e						55 56 57 58 59 60 61 63	
Tea. Cocoa Rubbe Watt! Kapol Sugar Carda Tamar	er. le. k r C amo rin	an m d.	· e						55 56 57 58 59 60 61 63 64	
Tea. Cocoa Rubbe Watt! Kapol sugar Carda Tamar Cinna Nutme	er. le. k r C amo rin amo	 an m d.	e						55 56 57 58 59 61 63 64 65	
Tea. Cocoa Rubbe Wattl Kapol sugar Carda Tamar Cinna Nutme Clove	er. le. k r C amo rin amo	 an m d.	e						55 56 57 58 59 61 63 64 65 66	
Tea. Cocoa Rubbe Wattl Kapol sugar Carda Tamar Cinna Nutme Clove Black	er. le. k r C amo rin amo eg. k P	 an d. n.	e p	 					55 56 57 58 59 61 63 64 65 66 18	
Tea. Cocoo Rubbe Watt! Kapol Sugar Carda Tamar Cinna Nutme Clove Black Pigeo	er. le. k r C amo rin amo eg. k. P	 an m d. n. ep	e p	 er					55 57 58 59 60 63 64 65 66 18 34	
Tea. Cocoa Rubbe Wattl Kapol Sugar Carda Tamar Cinna Nutme Clove Black Piges Cassa	er. le. k r C amo rin amo eg. k P on ava	an d. n. ep	e p a .	 er					55 56 57 58 59 60 61 64 66 66 18 21	
Tea. Cocoa Rubbe Wattl Kapol Sugar Carda Tamar Cinna Nutme Clove Black Piges Cassa	er. le. k r C amo rin amo eg. k P on ava	an d. n. ep	e p a .	 er					55 56 57 58 59 60 61 64 66 66 18 21	
Tea. Cocoa Rubbe Wattl Kapol sugar Carda Tamar Cinna Nutme Clove Black Piges Cassa Pinea	er. le. k r C amo rin amo eg. k. P ava	an m d. n. ep	e p a	 er					55 56 57 58 59 61 63 64 66 61 75	
Tea. Cocoa Rubbe Wattl Kapol sugar Carda Tamar Cinna Nutme Clove Black Piges Cassa Pinea Palm	er. le. k. cr cr cr cr cr cr cr cr cr c	an m d eppe le	e p a	 er					55 57 55 50 61 63 64 65 61 63 74 44	
Tea. Cocoa Rubbe Watt. Kapol sugar Carda Tamar Cinna Nutme Clove Blaci Pigeo Cassa Pinea Palm Cocor Cocoa Co	a er le k cr C amo rin amo eg e Oi ava appp ou nut	 an m d. n. ep pe 	e	 er					55 57 55 60 61 63 64 65 64 75 44 45	
Tea. Cocoa Rubbe Watt! Kapol sugar Carda Tamar Cinna Nutme Clove Blaci Pige Cassa Pinea Palm Cocor Cashe	er. le. k. r C amo rin amo eg. k. P on ava appp Oi nut ew	 an m d. n. ep pe le	e	 er					55678901345666834154456	n
Tea. Cocoa Rubbe Watt! Kapol Sugar Carda Tamar Cinna Nutme Clove Blacl Pige Cassa Pinea Pinea Gocor Cashe Green	er. le. k. r Co amo rin amo ee Pon ava appp Oi nut ew n T	an m d. n. eppe le	· · · · · e · · · · · · · · pa · · · · · tai						556789013456688415645688415645688445600	0
Tea. Cocoa Rubbe Wattl Kapoll Sugar Carda Tamar Cinna Nutme Clove Black Pige Cassa Pinea Palm Cocor Cashe Greer Monke	er. le. k r C amo eg. pon ava app Oi nut ew T eyb	an m d ep pe le l	· · · · · e · · · · · · · · pa · · · · · t at at	 er to					55675596134456013445601330133013	1
Tea. Cocoa Rubbe Wattl Kapol Sugar Carda Tamar Cinna Nutme Clove Black Pipea Cassa Pinea Palm Cocor Cashe Greek Monke Bambo Bambo Bambo Cocoa San Cashe Greek Bambo Bambo Bambo Cocoa San Cashe Greek Bambo Bambo Bambo Cocoa San Cashe Bambo Bambo Bambo Bambo Cashe Bambo Bambo Bambo Cashe Bambo Bambo Bambo Cocoa San Cashe Bambo Bamb	er. le. k k cr. cr. cr. cr. cr. cr. cr. cr. cr.	an m d eppe le le	· · · · · e · · · · · pa · · · · tata						55657 55661 66661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661 75661	1 2
Tea Cocoa Rubbe Watti Kapol sugar Carda Tamar Cinna Nutme Clove Blacl Pigeo Cassa Palm Cocor Cashe Greer Monke Bambo Firev	er. le. k. C amo rin amo e. P on aupp on nut ew n yb oo wooo	an m d. n. eppe l. nu om re d/	· · · · · e · · · · · · · · · · pa · · · · · tata · · · · · fo			 			55657 55661 6666 667 667 667 667 667 667 667 667	1 2 3
Tea Cocoa Rubbe Watti Kapol sugar Carda Tamar Cinna Nutme Clove Blacl Pigeo Cassa Palm Cocor Cashe Greer Monke Bambo Firev	er. le. k. C amo rin amo e. P on aupp on nut ew n yb oo wooo	an m d. n. eppe l. nu om re d/	· · · · · e · · · · · · · · · · pa · · · · · tata · · · · · fo			 			55657 55661 6666 667 667 667 667 667 667 667 667	1 2 3
Tea Cocoa Rubbe Watti Kapol sugar Carda Tamar Cinna Nutme Clove Blacl Pigeo Cassa Palm Cocor Cashe Greer Monke Bambo Firev	er. le. k. C amo rin amo e. P on aupp on nut ew n yb oo wooo	an m d. n. eppe l. nu om re d/	· · · · · e · · · · · · · · · · pa · · · · · tata · · · · · fo			 			55657 55661 6666 667 667 667 667 667 667 667 667	1 2 3
Tea Cocoa Rubbe Watti Kapol sugar Carda Tamar Cinna Nutme Clove Blacl Pigeo Cassa Palm Cocor Cashe Greer Monke Bambo Firev	er. le. k. C amo rin amo e. P on aupp on nut ew n yb oo wooo	an m d. n. eppe l. nu om re d/	· · · · · e · · · · · · · · · · pa · · · · · tata · · · · · fo			 			55657 55661 6666 667 667 667 667 667 667 667 667	1 2 3

CODES FOR Q2
RELATIVE1
NEIGHBOR2
FRIEND3
MARKET4
OPEN MARKET5
COOPERATIVE UNION6
FARMERS PARTY7
MAIN PLOT/FARM8
PRIVATE BUSINESS
PERSON9
MAIN MARKET10
BUSINESS CONTACT11
ABATTORI/FACTORY12
EMPLOYER13
RELIGIOUS
INSTITUTION14
BANK (COMMERCIAL)15
GROCERY/LOCAL
MERCHANT16
MONEY LENDER17
NGO18
DISTRIBUTION
OFFICER19

CODES FOR Q3
WITHIN THE VILLAGE1
NEAR THE VILLAGE2
NEAR THE TOWN3
OTHER DISTRICT4
OTHER REGION5
ACROSS THE BORDER6

TIME FINISHED:

•