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Malawi Government National Statistical Office

FOURTH INTEGRATED HOUSEHOLD SURVEY, 2016/17

THIS SURVEY IS BEING CONDUCTED BY THE NATIONAL STATISTICAL OFFICE UNDER THE AUTHORITY OF THE 2013 STATISTICS ACT.
THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.

AGRICULTURE QUESTIONNAIRE

MODULE A-1: HOUSEHOLD IDENTI	<u>IFICATION</u>
WRITE CODES FOR TA, STA, OR TOWN; EA; AND	ID HH ID. WRITE NAME OF DISTRICT; TA; VILLAGE; AND HOUSEHOLD HEAD.
ACA DIOTRICT	CODE NAME
A01. DISTRICT:	
A02. TA, STA, or TOWN:	
A03. ENUMERATION AREA:	
A04. PLACE / VILLAGE NAME:	
A04b. EXTENSION PLANNING AREA:	
AUS. PANEL OR CROSS-SECTIONAL:	CROSS-SECTION1 PANEL A2>>A09 PANEL B
A06. HOUSEHOLD ID (FROM LIST):	
A07. NAME OF HOUSEHOLD HEAD:	
A08. DWELLING STRUCTURE NO. (FROM I	LIST): CODE (THEN>>A15)
A09: IHPS Y2-HHID FROM TRACKING FORM	M:
A10. NAME OF HOUSEHOLD HEAD FROM I	IHPS:
Di	SAME DWELLING UNIT
A12. IHPS ROSTER ID & NAME OF TRACKIN	NG TARGET:
A13. CURRENT NAME OF HOUSEHOLD HEA	:AD:
A14. LOWEST IHPS ROSTER ID NUMBER F	FROM SECTION B, QUESTION 06_1: REFER TO COMPLETED TO AND CONFIRM IN MODULE B HOUSEHOLD ROSTER

MODULE A-2: SURVEY ST	AFF DETA VIS						VISIT 2 (ONLY	APPLICA	BLE FO	R PANE	L HOUS	EHOLDS)	
A15. ENUMERATOR CODE:]		A24. EN	NUMERA	TOR CODE:						
A16. ENUMERATOR NAME:				_	A25. EN	NUMERA	TOR NAME:						
DATE	START	END	MODULES	_			DATE	STA	ART	EN	D	MODULES	
A17. Attempt 1					A26.	Attempt 1							
Attempt 2						Attempt 2							
Attempt 3						Attempt 3							
Н	IH MM	нн мм	NUMERATOR>> NEXT PA	- \GE		•		НН	MM	НН	MM ENU	JMERATOR>> NEXT PAG	GE
A18. SUPERVISOR CODE:]		A27. SL	JPERVIS	OR CODE:						
A19. SUPERVISOR NAME:					A28. SL	JPERVIS	SOR NAME:						
A20. DATE OF INSPECTION:	DD	MM YY	TYY TYY	_	A29. DA	ATE OF I	NSPECTION:		DD	MM	YYYY		
RECORD GENERAL NOTES ABOUT T HELPFUL I	HE INTERVIEW		AL INFORMATION THAT	WILL BE	RECORD	GENERA	L NOTES ABOUT BE HELPFUL		RVIEW A	ND ANY	SPECIAL	INFORMATION THAT W	WILI
PLEASE MARK AN 'X' IN BOX IF HOUSEHOLD REFUSAL. PROVIDE DETAILS.						SEHOLD F	(AN `X' IN BOX IF REFUSAL. PROVII						

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		96	NETWORK ROSTER

		IUNDA) ROSTER - RAIN HOUSEHOLD QUESTIONNAIR		/HAT WAS THE RE	FERENCE RA	INY SEASON	FOR THIS HOUSE	HOLD?		2014/2015	1						
B_1_01. Dur		AINY SEASON], did you OR	,			OR: RECORD	DAY	MONTE	H	2015/2016 HOURS MINU	2						
TABLE A	A <u>Garden (Munda)</u> is <i>A</i>	A CONTINUOUS PIECE OF LA	ND AND SHOULD	NOT BE SPLIT B	Y A <u>RIVER</u> OR	A <u>PATH WIDE</u>	ENOUGH TO FIT	AN OX-CA	RT OR	VEHICLE. A GARDEN	CAN CONTAIN ON	NE OR MORE P	LOTS.				
	A <u>PLOT</u> MUST BE <u>CONTI</u>	A CONTINUOUS PIECE OF LA INUOUS AND SHOULD <u>NOT B</u> ENS (MINDA) you or anyo	E SPLIT BY A PA	TH OF MORE THA	N ONE METRE	IN WIDTH. PI	LOT BOUNDARIES	ARE DEF	INED <u>4</u>	ACCORDING TO THE C	ROPS GROWN AN	ID THE OPERA	TOR. cassava during the [REFEREN	CE RAINY S	EASON].		
COLUMN A		B_1_03	B_1_03_0	B_1_03_1	B_1_03_2	B_1_03_3	B_1_04				B_1_05				B_1_06	B_1_06a	B_1_07
GARDEN (MUNDA) ID	GARDEN (MUNDA) NAME	LOCATION & DESCRIPTION	: IS THIS A CROSS- SECTIONAL	IF THIS GARDEN (MUNDA) WAS OWNED/ CULTIVATED DURING THE	RECORD THE NUMBER OF PLOTS CONTAINED	Is this [GARDEN] the same piece of land on	AREA FIRST. ME	ASK THE F	ARME IE ARE	EN]? ER TO ESTIMATE THE EA WITH THE GPS RE THE PLOT AREA	GARDEN AT WH	IICH YOU STAR	COORDINATES FOR THE CORNER C TED AREA MEASUREMENT. GPS COORDINATES, PLEASE SPEC		RECORD NUMBER OF SATELLITES GPS TRACKED	ENUMERA- TOR: RECORD GPS ACCURACY	ENUMERATOR: RECORD THE WEATHER CONDITIONS AT TIME OF MEASUREMENT
				2012/13 RAINY SEASON, ENTER IHPS GARDEN ID FROM TRACKING	IN THIS GARDEN (MUNDA).	which the dwelling is located?	WITH GPS AT LE VALUE. RECORI DECIMAL. CODE ACRE HECT	EAST TWIC	E TO (O THE	GET A CONSISTENT RIGHT OF THE	LONG DI	STANCE OUTS	IN THIS DISTRICT1 IDE THIS DISTRICT2		TO CAPTURE GARDEN COORDINATES		CODES FOR CONDITION: Clear/Sunny1 Mostly Clear / Mostly Sunny2 Partly Cloudy /
				FORM TO QUESTION 22.			YARI	DS ER (SPECI		. 4							Partly Sunny3 Mostly Cloudy / C
							а		11/11	b.							Cloudiness4 Completely
			YES1>>3_2 NO2	ELSE, ENTER 99		YES1	FARMER ES		UNIT	GPS MEASURE AREA IN ACRES	a. LATITUI		b. LONGITUDE (E)	REASON			Cloudy5 Rainy6
			1			NO2	AREA		UNII	AREA IN ACRES		DE (S)				1	Nainy
RG01											o 	<u>.</u>	o 				
RG02											o 		o 				
RG03													o 				
RG04											o 	<u></u>	o 				
RG05											0		0				
RG06											o 	<u></u>	o 				
RG07											o 	<u>. </u>	<u> </u>				
RG08											0	<u></u>	o 				
													PRIMARY RESPONDENT ID FOR MODULE B_1:	ENUMER RECORD END TIM FOR MOI	ns L	urs minutes	

AG-MODULE B_2: GARDEN DETAILS - [REFERENCE RAINY SEASON]

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1 UNLESS STATED OTHERWISE.

B 2 D-0. **ENUMERATOR:** WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? 2014/2015...1

2014/20151	2015/20162	

ENUMERATOR:				
RECORD START DATE &				
TIME FOR MODULE D.A.				
TIME FOR MODULE B-2:	DAY	MONTH	HOURS	MINUTES

ENUMERATOR: ASK THE FOLLOWING FOR EACH GARDEN RECORDED IN AG-MODULE B_1, TABLE A. GO THROUGH THE ENTIRE MODULE ONE GARDEN AT A TIME. B 2 03 1 B 2 03 2 B 2 04 B 2 04 1 B 2 04 3 B 2 04 4 B 2 04 4a B 2 02 B 2 03 B 2 04 2 GARDEN ENUMER- How did your household acquire From whom In which Who in this household owns this Does your household Who is listed on the title or ownership Does your household Who is listed on this informal document Have you ATOR: this [GARDEN]? [GARDEN]? document as owner of this [GARDEN]? as owner of this [GARDEN]? ID did you vear was currently have a title or currently have an ever been RECORD acquire this ownership document for informal document that concerned this THE ID IST UP TO 4 JOINT OWNERS FROM IF PURCHASED, PROBE FOR [GARDEN] LIST UP TO 4 JOINT OWNERS FROM certifies your ownership [GARDEN]? this [GARDEN]? someone ENUMERA OF THE HOUSEHOLD ROSTER. LIST UP TO 2 FROM rights to this HOUSEHOLD ROSTER. LIST UP TO 2 FROM might WHETHER IT WAS PURCHASED acquired? TOR: RESPON WITH A TITLE. IST UP TO 4 JOINT OWNERS FROM NETWORK ROSTER NETWORK ROSTER LIST UP TO 2 [GARDEN]? dispute COPY DENT HOUSEHOLD ROSTER, LIST UP TO 2 FROM FROM MARK 9999 vour FROM AG-GRANTED BY LOCAL NETWORK IF ALWAYS NETWORK ROSTER ownership LIST MODULE LEADERS.......1>>B_2_3_2 INHERITED BY THE DEATH OF A ROSTER OWNED of this FROM B_1, [GARDEN] FAMILY MEMBER....2 HOUSE-TABLE A BRIDE PRICE.....3 HOLD PURCHASED......4>>B 2 3 2 ROSTER LEASEHOLD......6>>B_2_13 SHORT-TERM......7>>B_2_7 FARMING AS A TENANT.....8>>B_2_13
BORROWED FOR SALES RECEIPT.....1 FREE...........9>>B_2_13
MOVED IN WITHOUT TAX RECEIPT.....2
INHERITANCE PAPER...3 PERMISSION.....10>>B_2_13
OTHER (SPECIFY).11>>B 2 13 LETTER FROM CHIEF...4 YES, OFFER OF LEASE...1 NO.....5 >>B_2_04_5 YES, A TITLE DEED....2 YES, CERTIFICATE OF ALLOCATED BY FAMILY HHID NWID NWID THER (SPECIFY)....96 YES..1 ROSTER GIFT FROM NON-HOUSEHOLD CODE NO...2 ID CODE MEMBER.....13 #1 #2 #1 #1 #1 #1 #1 #2 #1 #1 #1 #1 #1 #2 #1 #1 #1 #1 #1 #2 4-DIGIT YEAR 2 3 5 6 8

AG-MODULE B_2: GARDEN DETAILS - [REFERENCE RAINY SEASON] (CONTINUED)

																								RENT							
ID	EN D in h h ri th	3-2-04-5 hoes anyoni i the ousehold ave the ght to sell his GARDENJ?	LIST I HOUS NETW	can de RDEN]? UP TO 4	JOINT ROSTE	S FROM	B_2_04_ Does anyone i the househo have the right to bequeath this [GARDE	in told Left Property in the l	B_2_04 Who ca this [GA LIST UP HOUSEI NETWO	an deci ARDEN TO 4 S	N]? JOINT C ROSTEI)WNER:	S FROM	1	B_2_05 If you were to sell this [GARDEN] Idday, how much could you sell it for?	B_2_06 If you were to rent out this [GARDEN] today for 12 months, how much could you rent it for?	out to mone LIST U	[GARD day, wh y is use	JOINT O	d decid	e how to	he	B_2_07 ENUMER- ATOR: IS THIS A CROSS- SECTIONAL HOUSE- HOLD?	B_2_0i How m [GARD if any, i RAINY ENTER NO OU RENT, I MORE 5 5 P. P. N.		U give as ERENC? "QUANTI GIVEN A NUE TO SCROPS V SUNIT:	s rent, E ITY" IF S 9. IF WERE JT THE	for the [REFEF ENTER BEEN M BY CRO CROP IS ESTIMA PAYMEI TYPE O INCLUD PAYMEI	ICH did your see of [G, 2] ICH OF THE WAR SERVICE RECOVERY TO BE PROPORTION OF THE WAR SERVICE TO BE AS PARTITS THE VITCH AN THE THAN THE THE THAN	ou pay the ARDEN] i AINY SE IO PAYME LUDE PA' T IF ONE T ALUE OF I DRE THAID IT OF IN-K I/ALUE OF E ONE REI	In the ASON] INT HAS YMENTS TYPE OF ENT. N-KIND I ONE AS REN IND CROPS
		YES1 NO2	HHID CODE #1		HHIDE CODE #1		YES1 NO2			HHID CODE #1	HHID CODE #1	HHID CODE #1				MK	HHID CODE #1					NWID CODE #2		P O: O' (IECE X-CART THER SPECIFY) CODE FOR S S:SHELLED U:UNSHELLE NOTAPPLICE QUANTITY	913 <u>S/U:</u> 1 ED2 ABLE.3		С	ASH	IN-	KIND
		-																													

AG-MODULE B_2: GARDEN DETAILS - [REFERENCE RAINY SEASON] (CONTINUED)

		supposed to give as rent, if any, in the the [REFERENC								B_2_12	B_2_13		B_2_13_1		B_2_14
	GARDEN ID	supposed to		if any, in the		How much did yo the [REFERENCE			of [GARDEN] in	What period of time did this payment cover?	Who owns th [GARDEN]?	is	Who in the h has the use i [GARDEN]?		During the [REFERENCE RAINY SEASON], is this [GARDEN]
		ENTER ZERO	FOR "QUANT	ITY" IF NO OU		ENTER ZERO IF NO OF IN-KIND PAYME	D PAYMENT HAS BI ENTS.	EEN MADE. ESTIMA	TE THE VALUE	READ ANSWERS	LIST UP TO		LIST UP TO		READ ANSWERS
			ROPS WILL B				still have to pay to CE RAINY SEASO		se of [GARDEN]				HOOGENOE	D ROOTER	
		50 KG BA		CODE FOR S	1	KIND PAYMENTS. OF CROP IS TO BE	D PAYMENT WILL B EXCLUDE PAYMEN PAID AS RENT. IF RENT, INCLUDE AS	TS BY CROP OUTP MORE THAN ONE 1	UT IF ONE TYPE TYPE OF CROP	-					
ËR		PAIL (LA NO. 10 P NO. 12 P	RGE)5 LATE6 LATE7	U:UNSHELLE NOTAPPLICA		VALUE OF CROPS	OTHER THAN THE	ONE RECORDED II	N QUESTION 10.						
DATA ENTRY LINE NUMBER		PIECE	8												Cultivated1 >> END OF MODULE Rented out2 Gave out for free3 >> END OF MODULE
RY LI		OTHER (SPECIFY)13					ALREADY PAID FUTURE PAYMENTS Rainy Seasc CASH IN-KIND CASH IN-KIND Full Year								Fallow4 >> END OF MODULE Forest /
TA ENT		CROP	QUANTITY	UNIT	S/U	CASH	IN-KIND MK	CASH	IN-KIND MK	& Dimba Seasons)2 Other (Specify)3				HH ROSTER ID CODE	Woodlot5 >> END OF MODULE Pasture6 >> END OF MODULE Other (Specify)7 >> END OF MODULE
DA		TYPE	QUANTITY	ONIT	3/0	WIK	WIK	WIK	MIK		#1	#2	#1	#2	(Specify)/ >> END OF MODULE
1															
2															
3															
4															
5															
6															
7															
8															
9															

AG-MODULE B_2: GARDEN DETAILS - [REFERENCE RAINY SEASON] (CONTINUED)

			RENTED O	UT												
		B_2_15	B_2_16				B_2_17		B_2_18				B_2_19			
	ID	ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	you receive a [REFERENC	utput from this [G as rent, if any, in t E RAINY SEASO	the DN]?	•	How much did you renting out this [PL [REFERENCE RA ENTER ZERO IF NO	LOT] in the INY SEASON]?	you suppose	utput from this [G d to receive as re ENCE RAINY SE	ent, if any	, in ainy	[GARDEN] in ENTER ZERO	the [REFERE	eceive from re NCE RAINY S AS BEEN RECEI KIND RECEIPT	EASON]? VED.
			WAS RECEIVE 17. IF MORE T	FOR "QUANTITY" ED AS RENT, AND THAN TWO CROPS SK ABOUT THE M	CONTIN	IUE TO E	RECEIVED AS REN RECEIPTS BY CRO TYPE OF CROP IS T AS RENT.	T. EXCLUDE P OUTPUT IF ONE	WILL BE REC	FOR "QUANTITY" EIVED AS RENT. I WILL BE RECEIVE OP.	F MORE	JTPUT THAN	How much ar	e you still supp	osed to receiv	e from renting
DATA ENTRY LINE NUMBER			50 KG BAG. PAIL (SMALI PAIL (LARGI NO. 10 PLAT NO. 12 PLAT BUNCH. PIECE OX-CART	1 CODE F 2 S:SHEL 1, 4 U:UNSH 2) 5 NOTAPP PE 6 PE 7 8	LED ELLED	.1	QUESTON 16.	E THAN ONE TYPE CEIVED AS RENT, OF IN-KIND	50 KG BAG PAIL (SMALI PAIL (LARGE NO. 10 PLAT NO. 12 PLAT BUNCH PIECE OX-CART	1 CODE F 2 S:SHEL 1 4 U:UNSH 2 NOTAPP PE 6 PE 7 8	LED ELLED	.1	THE VALUE O BY CROP OUT RECEIVED AS WILL BE RECE RECEIPTS TH	F IN-KIND RECI PUT IF ONE TY RENT. IF MOR EIVED, INCLUDI	LL BE RECEIVE EIPTS. EXCLUD PE OF CROP IS E THAN ONE TO E AS PART OF I ROPS OTHER T	E RECEIPTS S TO BE /PE OF CROP N-KIND
ΙĒΙ			OTHER (SPECIFY).	13					OTHER (SPECIFY)	13			ALREADY	RECEIVED	TO BE R	ECEIVED
A ENTR		YES1					CASH	IN-KIND	-				CASH	IN-KIND	CASH	IN-KIND
DAT/		NO2>>B_2_18	CROP TYPE	QUANTITY	UNIT	S/U	MK	MK	CROP TYPE	QUANTITY	UNIT	S/U	MK	MK	MK	MK
1																
2																
3																
4																
5																
6																
7																
8																
9																

AG-MODULE C: PLOT ROSTER - [RAINY SEASON]

ENUMERATOR: RECORD START DATE & TIME FOR MODULE C:					
TIME FOR MODULE C.	DAY	MONTH	_	HOURS	MINUTES

TARI F	A GARDEN (MUNDA) IS A CONTINU	JOUS PIECE OF LAND AND SHOUL	D NOT BE SP	LIT BY A RIVER OR A PAT	TH WIDE ENO	UGH TO FIT AN OX-CART (OR VEHICLE, A GARDEN CAN COM	NTAIN ONE OR MORE PLOTS				
A												
	A <u>PLOT</u> IS DEFINED AS A CONTINU	UOUS PIECE OF LAND ON WHICH A	A UNIQUE CRO	OP OR A MIXTURE OF CR	OPS IS GROW	VN, UNDER A UNIFORM, CO	DNSISTENT CROP MANAGEMENT	SYSTEM.				
	A <u>PLOT</u> MUST BE <u>CONTINUOUS</u> AI	ND SHOULD <u>NOT BE SPLIT BY A P</u>	ATH OF MORI	E THAN ONE METRE IN W	<u>IDTH</u> . PLOT <u>E</u>	BOUNDARIES ARE DEFINE	ACCORDING TO THE CROPS GE	ROWN AND THE OPERATOR.				
	Please list all PLOTS on all G		or anyone in	-	d or <u>cultiva</u>	ted during the [REFER	·					
		C03	C03_2	C04	IDI OTIO		C05		E DI OT AT	C06	C06_1 ENUMERA-	C07 ENUMERATOR:
PLOT ID	PLOT NAME	LOCATION & DESCRIPTION	RECORD GARDEN	What is the <u>area</u> of this	[PLOT]?		WHICH YOU STARTED AREA ME.	DORDINATES FOR THE CORNER OF TH ASUREMENT.	E PLOT AT	ENUMERATOR: RECORD	TOR:	RECORD THE
			ID OF THE	ENUMERATOR: ASK THI			IE VOU DID NOT DECORD THE C	DC COODDINATES DI FACE SDESIEVE	FACON	NUMBER OF	RECORD GPS	WEATHER
			GARDEN	FIRST. MEASURE THE A		IE GPS BEFORE MODULES. MAKE SURE	IF YOU DID NOT RECORD THE G	PS COORDINATES, PLEASE SPECIFY F	EASON.	SATELLITES GPS TRACKED	ACCURACY	CONDITIONS AT TIME OF
			THAT THE	TO MEASURE THE PLOT	AREA WITH	GPS AT LEAST TWICE TO				TO CAPTURE		MEASUREMENT
			PLOT IS A PART OF.	GET A CONSISTENT VAI OF THE DECIMAL FOR	UE. RECORD	ZEROS TO THE RIGHT	CODES FOR REASON:	<u></u>		PLOT COORDINATES		CONDITION: Clear/Sunny1
			CONSULT	ACRE			LONG DISTANCE WIT	THIN THIS DISTRICT1				Mostly Clear /
			AG MODULE	HECTARE	2			PSIDE THIS DISTRICT2				Mostly Sunny2 Partly Cloudy /
			B 1	SQUARE MES YARDS								Partly Sunny3 Mostly Cloudy /
			COLUMN	OTHER (SPI	ECIFY)5							Considerable
			<u>A</u> .	a. FARMER ESTIMA	TION	b. GPS MEASURE	a.	b.				Cloudiness4 Completely
				AREA	UNIT	AREA IN ACRES	LATITUDE (S)	LONGITUDE (E)	REASON			Cloudy5 Rainy6
						l	0	0				<u> </u>
								-				
R01						·	_, ·					
								ŭ				
R02							·	<u></u>				
							O	8				
R03							<u> </u>					
							0	0				
R04							<u></u>	<u></u>				
							0	0				
R05							L	<u></u>				
							0	0				
R06												
							0	0				
R07												
						 	₀	<u> </u>		1		
R08												
KUO				·	+ +	·		o		1		
Das												
R09				·		·	₀ ·	<u> </u>				
							ľ					
R10				·								
								ENUMERATOR: RECO PRIMARY RESPONDE		ENUMERATOR RECORD	:	
								ID FOR MODULE C:		END TIME		
									ID	FOR MODULE	C·	HOURS MINUTES

ENUMERATOR : RECORD PRIMARY RESPONDENT ID FOR MODULE C:		ENUMERATOR: RECORD END TIME	
	ID	FOR MODULE C:	HO

	NOTE: CONCERT	NING PAINEL HO	USEHULDS, ALL QUES	TIONS ARE ADMINIS	DIEKED IN VISIT I	UNLESS STATED OTHERWISI	Ε.			NUMERA	IOR: REC	ORD START DATE & T	IME FOR MO	DDULE D:	DAY	MONTH	HOURS N	MINUTES
	D-0. ENUMERATO	OR: WHAT WAS	THE REFERENCE RA	INY SEASON FOR TH	IIS HOUSEHOLD?	2014/20151 20	015/2016	2							DAY	MONTH	HOURS	MINUTES
	ENUMERATOR: A ENTIRE MODULE			RECORDED IN AG-	MODULE C, TABLE	E A. GO THROUGH THE	PLOT C	HARAC	TERISTIC	s								
	PLOT ID ENUMERATOR: COPY FROM AG-MODULE C. TABLE A	D01 Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on this [PLOT]?	D01_1 Are there other household members that the primary decision maker consults regarding crop choice, input use and timing of cropping activities on this [PLOT]?	D01_2 Who are the other decision makers or the [PLOT]? LIST UP TO 2 HOUSEHOLD MEMBERS FROM HOUSEHOLD ROSTER	D02 ENUMERATOR: RECORD THE ID OF THE RESPONDENT. LIST FROM HOUSEHOLD ROSTER	D14 During the [REFERENCE PAINY SEASON], is this [PLOT] READ ANSWERS	the [REF REFER T QUESTIC OF IMPO IMPORTA	ERENCE O CROP C INNAIRE. L RTANCE, S INT CROP.	RAINY SE ODES AT I LIST ALL CI STARTING	THE END C ROPS IN O WITH THE IST CASSA	OF THE ORDER MOST	predominant soil	D22 What is the soil quality of [PLOT]? READ ANSWERS	D23 How would you rate the extent of erosion on this [PLOT]? READ ANSWERS	D24 What ar causes erosion problem READ AI LIST UP	of these s? NSWERS	D25 What type of control/water facilities are of [PLOT]? READ ANSWELLIST UP TO T STRUCTURES RECORD "1" 1 25 2 2 2 No erosion control Terraces	harvesting on this ERS WO S. IF NONE, N BOTH >> 1
DATA ENTRY LINE NUMBER		THIS DOES NOT NEED TO CORRESPOND TO THE OWNER HH ROSTER ID CODE	YES1 No2 >> 2	HH ROSTER ROSTER ID CODE ID CODE #1 #2	HH ROSTER ID CODE	Cultivated1 >> D20 Rented out2 Gave out for free3 >> D21 Fallow4 >> D21 Forest / Woodlot5 >> D35 Pasture6 >> D35 Other (Specify)7 >> D35	1ST	2ND	3RD	4TH	5ТН	Sandy (Mchenga)1 Loam Between sandy 6 clay (Pakati pa mchenga ndi katondo)2 clay (Katondo)3 other (Specify)4	Good1 Fair2 Poor3	No Erosion1 >> 25 Low2 Moderate.3	Wind Animal Other	ng2	Erosion corbunds Sandhags Vetiver gra Tree belts. Water harve bunds Other (Spec	3 4 asss5 6 est7
1							Î					<u> </u>						
2																		
3																		
4																		
5																		
6																		
7																		
8																		

AG-MODULE D: PLOT DETAILS - [REFERENCE RAINY SEASON]

		D25_1		D25_2		D26	D27	D28		D29	D30	D31	D32	D33	D34		D35	D35_1	
	PLOT	When was th	ne	What are t	the main	What is the	Is this	What syste	ems of	What is the	What is the	ENUMERATOR:	What was the	For how many	Why was t	this	ENUMERATOR:	In what month	n did you finish
	ID	investment in	า	reasons yo	ou have not	slope of this	[PLOT]	irrigation, if	any, are or	method of	source of water	REFER TO	most recent year	years was it left	[PLOT] lef	t fallow?	IS THIS [PLOT]	planting this [PLOT]? Did
		STRUCTUR	E]	invested in	soil and	[PLOT]?	swamp/	this [PLOT]?	irrigating	on this [PLOT]?	QUESTION 14.	in which this	fallow?	-		"CULTIVATED"	you finish pla	nting this
		made?	-	water cons	servation	-	wetland?			plants/pouring		WAS THIS PLOT	[PLOT] was left		LIST UP TO	0 2	ACCORDING TO	[PLOT] in the	first or second
				structures	on any plots	READ		READ ANS\	WERS	water on the	READ ANSWERS	LEFT FALLOW	fallow?				QUESTION 14?	half of the mo	onth?
				owned and		ANSWERS				plants on this		DURING THE [REFERENCE					QUESTION 14:		
				cultivated I	by the			LIST UP TO	12	[PLOT]?		RAINY SEASON]?	IF NEVER					RECORD MON	NTH AND
				household						t1.		KAINT SEASONJ!	RECORD ZERO.		Good for			WITHIN MONT	'H TIMING
										READ ANSWERS					land Lack of	1		CODEC EC	R MONTH:
													IF DON'T KNOW,		non-labo	nur		JANUARY.	
								Divert	-				RECORD 8888.		inputs.			FEBRUARY	
		During last	- 12	Requires labor				stream Bucket							Lack of			MARCH	
		months		Materials				Hand					IF NEVER OR DON'T KNOW		househol			APRIL	
		2 years ago		available				pump	3				(8888), >> 35.		labour.	3		MAY JUNE	
~		3 years ago		Materials				Treadle					(0000), >> 33.		hired			JULY	
点		4 years ago 5 years ago		costly				pump Motor	4						labour.	4		AUGUST	
Ξ		More than		No soil o erosion p				pump	5	Watering	Well1				Lack of			SEPTEMBE	
ΙZ		years ago.		on any	orobrems	Flat1		Gravity		can1 Hose	Borehole2				equipmen	nt.5		OCTOBER.	
뿌				plots	4	Slight		Rainfed/N		pipe2	Lake /				Lack of credit.	6		NOVEMBER DECEMBER	
15		/mrrmsr			/benefits	slope2		irrigatio	on7>>31	Sprinkler3	Pond3				Other	0		CODES FOR W	
≿		(THEN >> 2	(6)	unclear Other	5	Moderate		Other (Specify)	Q	Drip	River /				(Specify	y).7		TIMING:	ITHIN MONTH
Ιż					6	slope3 Steep,	YES1	Can	0	irrigation4 Flooding5	Stream4 Other				Have		YES1	1ST HALF	.1
A M				(opcorry)		hilly4	NO2			Other	(Specify)5	YES1 >> 33			enough	8	NO2 >>	2ND HALF	.2
DATA ENTRY LINE NUMBER		1ST	2ND	1ST	2ND	1		1ST	2ND	1		NO2	YEAR [4-DIGIT]	NUMBER OF	1ST	2ND	NEXT PLOT	MONTH	WITHIN MONTH
Δ						<u> </u>				<u> </u>				YEARS			<u> </u>		<u> </u>
1																			
2																			
3																			
١.																			
4																			
-																			
5																			
-		-						ł											
6													1						
10																			
7																			
Ι΄.																			
						1	1												
8																			
ľ																			

		ORGANIC FI	ERTILIZER		INORGAN	NC FER	TILIZER													PESTICIDES	/HERBI	CIDES						
DATA ENTRY LINE NUMBER	PLOT ID	D36 Did you use any organic fertilizer on this [PLOT] during the [REFERENC E RAINY SEASON]? ANIMAL MANURE, COMPOST, GREEN MANURE	D37 How much fertilizer dic to this [PLC] USE THE S FOR ALL PI CODES FOR KILOGRAI BUCKET. WHEELBAI OX CART	d you apply DTJ? SAME UNIT: M2 10 RROW.11	D38	D39 See How IF T MAII THE NC How wee	w much inor wo TYPES of N FERTILIZE COLUMN F w many wee oks after pla 1 ON THE TI CODE 23:2 DAP CAN. UREF D CC	OF FERTER IN THOOR "QUARMENT IN	planting did d you finish THE PLAN TYPE: /CHITOWE	RE MIXED FOR "TYPE I you finish the 2nd fer FING. COMPARE AND THE STATE OF THE STA	n the 1s or the 1s or the 1s or thilizer a or thilizer a	/EN APPL NOTE TH st fertilizer application R UNIT: 1 2 3 4 5 5 6 7	E SUM O	F BOTH	TYPES	OF FERT	LIZER IN	D39_1 How many complete weedings did you do on this [PLOT]? IF NONE>>	D39_2 How many weeks after planting did you finish the 1st weeding on this [PLOT]?	D40 Did you use any pesticides/ herbicides on this [PLOT] during the [REFERENC E RAINY SEASON]?	D41 Hown this [P FOR P DISSO RECOI PESTIC CODE: INSE HERB: FUNG FUNG GRAM KILO LITEL	nuch pestic	/HERBIGATER/O ANTITY BICIDES E:	CIDES T THER S OF S IN LIQU	OLUTION,		D41_1 Did you use any mechanizatior on this [PLOT] during the [REFERENCE RAINY SEASON]?	[REFERENCE
DATA ENTRY		YES1 NO2 >>38	OTHER (SPECIFY	Y) 13	YES1 NO2>>	40 TYP		FIRST AF	C FERTILIZER PPLICATION ENUMERA TOTAL K	FOR: # 0		YPE QU		OND A			# OF WEEKS	# OF WEEDINGS	# OF WEEKS	YES1 NO2>>42	Н	PESTICIDES IERBICIDES #	# 1	Н	PESTICIDES/ IERBICIDES #	2	YES1 NO2	YES1 NO2
1											Ī																	
2																												
3																												
4																												
5																												
6																												
7																												
8																												

	HOUSE	HOLD	LABOU	R																												
	D42 During the preparate				Y SEASC	N], plea	se list fo	r me the	househo	old mem	bers that	t worked	on this [F	LOT] fo	r land						Y SEASO		se list fo	or me the	househo	ld mem	bers tha	t worked	on this [F	LOT] fo	r weedir	ıg,
	RECORD	THE II	D CODES	FROM T	HE HOUS	EHOLD	ROSTER										RECORE	THE C	ODES FF	ROM THE	HOUSEH	OLD RO	STER.									
	CONTINU	UE TO 4	43. IF MC	RE THAN		EMBERS ember w	ENGAG	ED IN LA	ND PREP	ARATIO	N AND PI	ANTING	DESIGNATI				DESIGN/ HARVES How ma	ATED FO T ACTIV	OR "WEE /ITY, USI ks did ea	KS" AND E ANOTH ach hous	IG, FERTIL CONTINU ER QUES Sehold me	JE TO 44 TIONNA mber w	i. IF MOF IRE. ork?	RE THAN	FOUR ME	MBERS	ENGAGE	D IN WE				
DATA ENTRY LINE NUMBER	During th	hose d	ays, app	roximate	ly how ma	any hou		LAND PRI	EPARATIO		ork per d	ay?									ly how ma	-	rs did ea	ach hous	ehold me	mber w						
DATA ENTRY	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS DAY	/ HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS DAY	ANTING HH ROSTER ID CODE #3	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #4	WEEKS	DAYS / WEEK	HOURS DAY	HH ROSTER ID CODE #1	WEEKS	B DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #2	WEEKS		HOURS / DAY	HH ROSTER ID CODE #3	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #4	WEEKS	DAYS / WEEK	HOURS / DAY
1																																
2																																
3																																
4																																
5																																
6																																
7																																
8																																

		DANEI I	HOUSEL	IOI DS EI	וח או ווו	JRING VIS	SIT 2					ĺ							HIRED L	AROUR								
	PLOT ID	D44 During the RECORD IF NO ON MEMBER How mail	ne [REFE THE ID C IE ENGAC S ENGAC ny weeks	ERENCE CODES FREE CODE	RAINY SI ROM THE ARVESTIN RVESTIN househo	EASON], I HOUSEHO IG, RECOR IG, USE AN old member	please lise plant of the plant	TER. IN ALL CO QUESTION d each ho	OLUMNS E NNAIRE. Ousehold	hold mem DESIGNATE member w	ED FOR "V rork per w	VEEKS" A	-				FOUR	D45 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	D46 During the years of a IF NONE, What was IF LABOR COMPUTI	E [REFERE ige) to work RECORD ZI IS the avera WAS HIRE NG THE AV Crop did you DP WAS GIV	c on this [P ERO IN ALL ge daily wa D FOR MOR ERAGE WA L give in tota /EN AS PA	LOT] for an COLUMNS age paid to RE THAN OR GE. al to all work YMENT, RE	ny and all to DESIGNAT MEN / WOM NCE FOR D CERS hired for CORD ZER	any days di ypes of acti rED FOR "D nen / childre IFFERENT / r any and all O IN COLUM	ivities? AYS" AND en hired fo ACTIVITIES types of ac	CONTINUE r any and a , AID THE F itivites? JANTITY" A	TO 47. all types of RESPONDE	activities? NT IN
DATA ENTRY LINE NUMBER		HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS /	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS /	HH ROSTER ID CODE #3	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #4	WEEKS	DAYS / WEEK	HOURS /	YES1 NO2>>47	MEN NUMBER	50 PA: <u>COI</u>	KG BAG IL (SMALL) DE FOR S/U SHELLED. WOMEN	2 NO)4 NO BU	. 10 PLAT . 12 PLAT NCH UNSHELLE A ACTI CHILDREN	E6 OX	-CART HER (SPE	TOTAL F	PAYMENT CROP UNIT	S/U
1																			OF DAYS		OF DAYS		OF DAYS					
3																												
4																												
5 6																												
7																												
8																												

												OUSEHOLE	S FILL IN	DURING VIS	SIT 2						
	years of a	ge) for any			N], how ma activities, s							e [REFEREN n this [PLOT]			how many o	days did you	hire men / v	women / child	lren (<15 ye	ears of age)	D49 ENUMERATOR: IS THIS A CROSS-
				COLUMNS	DESIGNAT	ED FOR "N	UMBER OF	DAYS" AND	CONTINU	E TO 48.						- 1	- 1	NPUT APPLICA OR "DAYS" AN			SECTIONAL HOUSEHOLD?
	activities?		,		men / wom			,			What was	the average	daily wage	e paid to me	n / women /	children hire	ed for harve	sting?			
	COMPUTII	NG THE AV	ERAGE WA	GE.						INT IIN	IF NO CR					or harvesting		QUANTITY" A	ND CONTI	NUE TO	
		DP WAS GI		YMENT, RE	workers hir CORD ZERO					NUE TO 48.	52.		ES FOR UN								
딾		KI:	LOGRAM KG BAG	1 PA 2 NO)4 NO	IL (LARGE). 10 PLAT). 12 PLAT	E6 OX E7 OT	-CART	12				50	KG BAG	2 NO.	10 PLATE.	.5 PIECE. .6 OX-CAF .7 OTHER	RT	.12			
DATA ENTRY LINE NUMBER			DE FOR S/	J:	NCH							COI S:	E FOR S/U	:		.2 NOT A	PLICABLE.	3			
Y LINE		S:	SHELLED.	1 U:		D2 NO HARVEST /ITIES	T APPLICA	ABLE3								VESTING					
A ENTF	MEN	AVG. DAILY WAGE FOR	WOMEN	AVG. DAILY WAGE FOR	CHILDREN	AVG. DAILY WAGE FOR		TOTAL P BY C			MEN	AVG. DAILY WAGE FOR MEN	WOMEN	AVG. DAILY WAGE FOR WOMEN	CHILDREN	AVG. DAILY WAGE FOR CHILDREN		TOTAL P BY C			YES1
DAT	NUMBER OF DAYS	MK	NUMBER OF DAYS	MK	NUMBER OF DAYS	MK	TYPE	QUANTITY	UNIT	S/U	DAYS	MK	DAYS	MK	DAYS	MK	TYPE	QUANTITY	UNIT	S/U	NO2>>52
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					

		EXCHANG	E/FREE I	_ABOUR										PANEL HO	OUSEHOLDS	S FILL IN DU	RING VISIT	2					
DATA ENTRY LINE NUMBER	ID	D50 During the RAINY SE. days did m children (< from other this [PLOT, activities, s, preparation weeding an charge, as or to assist return? IF NONE, R COLUMNS	ASON], ho en, wome 15 years o household for any a uch as lar n, planting nd fertilizin exchange for nothin	ow many n or of age) ds work on nd all nd n, ridging, og, free of e labourers g in	exchange/ on [THIS P harvest ac LIST UP TO ROSTER.	te household ree labour or LOTJ for any stivities? D 3 FROM N	ome to work and all non	days did n children (« from other this [PLOT harvest a land preparidging, we free of cha labourers nothing in	EASON], honen, women, women, women, women, to be a to	ow many n or of age) ds work on nd all non uch as nting, fertilizing, change t for	exchange/f on [THIS P harvest ac	LOT] for any	ome to work and all non-	SEASON], women or age) from a this [PLOT] charge,as assist for n	other househ for <u>harvesti</u> exchange lat othing in retu	ays did men, years of olds work on ing, free of oourers or to irn?	exchange/fr on [THIS PL LIST UP TO:	e household did t e <u>e</u> labour come t .OT] for <u>harvesti</u> B FROM NETWOR	he to work ng?	D55_1 Are there any trees growing in or on the border of this [PLOT[?	FAIDHERB GLIRICID SESEBANI TEPHROSI MPUNDU JATHROPH NYAMUNDA ACACIA.	main tree specider of this [PLC der of this plc.] IA ALBIDA IA SEPTUM A SESBAN A VOGELII (UE REE	123 3UBA)4667
\ 			ALL ACTIVITIES					AL	L NON-HARV		i				HARVESTING	3	1				LUKINA (MORINGA	LEUCAENA) (ZAKALANDA)	10
ENTR		MEN	WOMEN	CHILDREN	ROSTER	NETWORK ROSTER	ROSTER	MEN	WOMEN		NETWORK ROSTER	NETWORK ROSTER	ROSTER	MEN	WOMEN	CHILDREN	NETWORK ROSTER	ROSTER R	TWORK OSTER	YES.1	MULUBENI	ECIFY)	13
DATA		NUMBER OF DAYS	NUMBER OF DAYS	NUMBER OF DAYS	ID CODE #1	ID CODE #2	ID CODE #3	NUMBER OF DAYS	NUMBER OF DAYS	NUMBER OF DAYS	ID CODE #1	ID CODE #2	ID CODE #3	DAYS	DAYS	DAYS	ID CODE #1	ID CODE ID	#3	NO2>>56	, , ,		
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							

	D56	D57	D58	D59	D60	D61	D61_1	D62	D63	D64	D68	D69	D70
PLOT ID	How many trees were removed in the past year from [PLOT]? (including border) IF NONE, RECORD ZERO.	Did you cultivate this [PLOT] during the previous rainy season?	At the end of the previous rainy season (before planting season for the reference rainy season), did you have cover crops remaining on the [PLOT]?	What type of cover crop was left on [PLOT]?	What did you do with the crop residues from this [PLOT] after the previous harvest?	In what month during the previous year was [PLOT] burned?	What percentage of the [PLOT] was covered by the residues after harvest? ENUMERATOR: SEE PHOTO AID	How did you prepare land for planting on [PLOT] during the [REFERENCE RAINY SEASON]?	What implements did you use to prepare land for planting on [PLOT] during the [REFERENCE RAINY SEASON]? LIST UP TO 2. Hand Hoe	In what year did you first begin using the [PREPARATION PRACTICE] practice on [PLOT]?	invested in soil and	What crop was planted in this [PLOT] following the previous rainy season?	What crop do you plan to plant in this [PLOT] after the next rainy season?
DATA ENTRY LINE NUMBER		YES.1 NO2>>62	YES.1 NO2>> 60	Mucuna (Velvet beans/Kalongonda)	Burned in the field3 Cut and removed from the field and fed to animals4>>61 1	AUGUST8 SEPTEMBER9 OCTOBER10 NOVEMBER11	CODE	Ridging1 Tied or Box Ridging2 Planting Pits3 >> 64 Zero Tillage4 >> 64 Ripping5 Minimum Tillage (only part of field tilled; e.g. in zones or strips /contours)6 Other (Specify)7	ripper	During last 12 months	YES.1 NO2	CROP CODE	CROP CODE
1													
2											\times		
3											X		
4											\supset		
5													
6													
7													
8											\Rightarrow		
		1	1						ENUMERATO PRIMARY RES ID FOR MODU	SPONDENT I <u>LE D</u> :	ENUMERAT RECORD END TIME FOR MODU	OR: LE D'HOURS MIN	UTES

AG-MODULE E: COUPON USE - [REFERENCE RAINY SEASON]

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1			
E00. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD?	2014/20151 2015/20162		
E01. Did you or anyone in your household obtain any input coupons during the [REFERENCE RAIN coupons were obtained and/or used?	Y SEASON], regardless of how the	YES1 NO2 >> 27	
ENLIMERATOR: RECORD START DATE & TIME FOR MODILIE F:			

				D.	AV MONTH	HOURS	MINUTES	-											
ENUMERATOR: DETERMINE FIRST ALL HH MEMBERS THAT	A	В	С	D	ENUMERATOR: LIST EACH COUPON ON A SEPARATE ROW SO THAT						From whom did [NAME] obtain the [COUPON]?	any money to get the	How much did [NAME] pay to get the [COUPON]?	When did [NAME obtain the [COUPON]?	E06 Did [NAME] redeem [COUPON] for inputs?	E07 What type of input did [NAME] purchase with [COUPON]?	E08 What was the quantity of input purchased with [COUPON]?	E08_1 When did redeem t [COUPO	he
OBTAINED COUPONS DURING THE [REFERENCE RAINY SEASON].					EACH COUPON RECEIVED IS ASSIGNED A UNIQUE ID.						LIST FROM NETWORK ROSTER.	[COUPON]?	ESTIMATE THE VALUE OF IN-KIND PAYMENTS.				RECORD THE TOTA AMOUNT OF INPUT OBTAINED AT THE TIME OF REEDEMIN THE COUPON, PRIO	G R	
WE ARE REFERING TO PAPER COUPONS THAT WERE			CODES FOR COUPON TYPES:		MANUAL FOR AN EXAMPLE, IF NECESSARY.	H.				CODES FOR COUPON TYPES:	AT THE VILLAGE OPEN FORUM, RECORD "VILLAGE OPEN			CODES FOR MONTH JANUARY1 FEBRUARY2 MARCH3 APRIL4 MAY5	<u>.</u>	CODES FOR INPUT TYPE: 23:21:0+45/CHITOWE1	TO ANY SHARING O EXCHANGE ARRANGEMENTS. CODES FOR UNIT: GRAM1 KILOGRAM2	CODES E JANUARY FEBRUAR MARCH	Y2 3 4
OBTAINED BY HOUSEHOLD MEMBERS, REGARDLESS OF HOW THEY WERE			23:21:0+4S / CHITOWE1 UREA4 MAIZE SEED10 FLEXI SEED11			ENTRY LINE NUMBE				23:21:0+4S / CHITOWE1 UREA4 MAIZE SEED10 FLEXI SEED11	FORUM" AND NOT "VILLAGE HEADMAN"	YES1		JUNE6 JULY7 AUGUST8 SEPTEMBER9 DCTOBER10 NOVEMBER11 DECEMBER12	YES1	23:21:0445/cHITOWE1 UREA	2 KG BAG3 3 KG BAG4 5 KG BAG5 10 KG BAG6 50 KG BAG7 OTHER (SPECIFY)13	MAY JUNE JULY AUGUST. SEPTEME OCTOBEF NOVEMBE	6 7 8 SER9
OBTAINED AND/OR USED. FOR EACH HH	HH MEMBER NAME	HH ROSTER ID CODE	COUPON TYPE	NUMBER OBTAINED		DATA EN	COUPON ID CODE	HH MEMBER NAME	HH ROSTER ID CODE	COUPON TYPE	NETWORK ROSTER ID CODE	NO2 >> 5	MK	MONTH YEAR (4-DIGIT	_NO2 >> 18	SOYABEAN SEED18	QUANTITY UNI	DECEMBE MONTH	YEAR (4-DIGIT)
MEMBER, RECORD <u>ON A</u> <u>SEPARATE</u>						1	501												
ROW, THE NAME, HH ROSTER ID CODE, EACH						2	502												
TYPE OF INPUT COUPON OBTAINED						3	503												
OBTAINED AND THE NUMBER OF EACH TYPE						4	504												
OF INPUT COUPON OBTAINED.						5	505												
BEFORE MOVING ON TO THE NEXT HH						6	506												
MEMBER.						7	507												
		1	ı	1		8	508	1	ı	1	1	1	1			1			

AG-MODULE E: COUPON USE - [REFERENCE RAINY SEASON] (CONTINUED)

ENTRY LINE NUMBER	ROSTE	R ID CODE FROM PRE		SUPPLIE redeem 1 [COUPO	g did have to DMARC R INPUT ER to the NI]?	E09 Was any of the input purchased with [COUPON] exchanged with a fellow farmer for another input? YES1 NO2>>11	return, how received? CODES FOR GRAM KILOGRAM. 2 KG BAG. 3 KG BAG. 10 KG BAG. 10 KG BAG OTHER (SPECIFY)	### WAS exclaim with an analysis of the control of	CODES F 23:21:0 UNEA OTHER F (SPECIF OPV MAI HYBRID BEAN SE GROUNDN SOYABEA PIGEON OTHER (OR TYPE: +4S/CHITOW ERTILIZER Y). 25 SEED. MAIZE. ED. UT SEED. N SEED. PEAS SEED. PEAS SEED.	E1 4 6 12 15 17 18 19 20	E11 Was any of the input purchased with [COUPON] shared with a fellow farmer for nothing in return? YES1 NO2>>13		5 KG BAG. 10 KG BAG. 50 KG BAG. OTHER (SPECIFY).	UNIT:1346713	E13 What was the main mode of transportation used to bring back the input that [NAME] purchased with the [COUPON]? READ RESPONSES On Foot	E13_1 Was any other coupon redeemed during the same trip as referred to in the previous question?	redeen LIST UF COUPC	[COUF ned? P TO 4 A NN ID CO		NAL	BACK TO THE HOUSEHOLD.	shouldered by the [MEMBER]] EXCLUDE TRANSPORTATION COSTS, BRIBES, OTHER SIDE PAYMENTS. ESTIMATE THE VALUE OF IN-KIND PAYMENTS.	IMEMBER] pay in bribes or other side t payments while redeeming [COUPON]? EXCLUDE TRANSPORTATION COSTS AND THE OFFICIAL COST OF REDEEMING THE COUPON REPORTED IN QUESTION 15. ESTIMATE THE VALUE OF IN-KIND PAYMENTS.
DATA	COUPON IE CODE	ROSTER ID CODE	COUPON TYPE	NUMBER	TIME UNIT		QUANTITY	UNIT	TYPE	QUANTITY	UNIT		Fellow Farmer4 Other (Specify)5	QUANTITY	UNIT			#1	#2	#3	CODE #4	MK	МК	MK
1	501																							
2	502																							
3	503																							
4	504																							
5	505																							
6	506																							
7	507																							
8	508																							

AG-MODULE E: COUPON USE - [REFERENCE RAINY SEASON] (CONTINUED)

				From whom or which firm/ institution did [NAME] purchase the inputs by redeeming the	that [NAME] obtained during	[NAME] <u>receive</u> from the sale of the	E21 To whom did [NAME] sell the [COUPON]? LIST FROM NETWORK ROSTER		E24 Was the [COUPON] lost or stolen?	Why did [NAM] redeem the [Co READ RESPONS UP TO 2.	OUPON]?	any FER	household RTILIZER or SEED coupo wing previou asons?	ns in	E28 Did any members of this village obtain any fertiliser, maize or flexi seed input coupons during the		distributing [Construction of the construction	wing methods [DUPON] in the [F TABLE. FOR EAC REPORT WHETH YES NO	H OF THETHREE ER OR NOT EACH	AINY : COUPON
				[COUPON]?	02/100/11			free?							[REFERENCE RAINY SEASON]?		Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations
				NETWORK ROSTER						Did not have money to buy Input supplie too far /	inputs.1 r was				02/100/11	Fertilizer coupons				
ENTRY LINE NUMBER	ROSTER		CODE, HH & COUPON VIOUS	(THEN >> 27)	YES.1		THEN >>27)	YES1>>27 NO2	YES1>>27 NO2	inaccessible. Accessible in supplier did not have the Coupon was obtained and the coupon was obtained the coupon was obtained case other items. Other (Specif	put input3 tained 4 h /	YES		ons	YES1 NO2 >>	Maize seed coupons Flexi seed coupons	E30			
DATA E	COUPON ID CODE	HH ROSTER ID CODE	COUPON TYPE	NETWORK ROSTER ID CODE		мк	NETWORK ROSTER ID CODE	NO2	1402	1ST	2ND		2012/ 2013/ 2013 2014	2014/ 2015	NEXT ROW		Were the follo	wing people []	utina vouchers?	· ·
1	501																1	Involved, Important Involved, Not Involved Method Not App.	Important2	2
2	502											MAIZI	E SEED COUP	ONS	\times		Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations
3	503												2012/ 2013/ 2013 2014	2014/ 2015	$\geq \leq$	Agricultural Extension Staff				
4	504														$\geq \leq$	VDC Members				
5	505											X	$\times\!$	X	$>\!\!<$	Village Headman				
6	506											X	$\times\!$	X	$>\!\!<$	Traditional Authority				
7	507											X	$\times\!$	X	$>\!\!<$	Local Political Leaders				
8	508											X	$\times\!$	\times	><	Other (Specify)				
																ENUMERATOR: PRIMARY RESP ID FOR <u>MODULI</u>	ONDENT	ENUMERA RECORD END TIME FOR MODU		MINUTES

AG-MODULE F: OTHER INPUTS - [RAINY SEASON]

NOTE: CONCERN	NING PANEL HOUSEHOLDS, ALL QUESTIONS	SARE	ADMINISTERED IN VISIT 1.	ror: Reco	RD START DATE & TIME FOR MODULE F:	DAY MON	TH HOURS MIN	UTES
F-0. ENUMERATO	DR: WHAT WAS THE REFERENCE RAINY SE	ASON	FOR THIS HOUSEHOLD? 2014/20)151	2015/20162	DAT MON	III HOURS MIN	UIES
			MERATOR: FIRST, FILL THE FIRST TWO COL EACH ROW, ONE ROW AT A TIME.	UMNS & Q	UESTIONS 1 & 2. THEN, GO THROUGH THE ENTI	RE MODULE (S	TARTING WITH Q. 3)	
A. Did you or anyone in your household cultivate any plots during the [REFERENCE RAINY SEASON]?			INPUT TYPE NAME ENUMERATOR: FOR ROW 101, ORGANIC F (MANURE), NO INPUT TYPE CODE IS NECE FOR ROWS 102-105, REFER TO THE INPUT CODES OF THE INORGANIC FERTILIZERS THE PLOTS, AS REPORTED IN MODULE D (39). IF THE FARMER HAS MIXED TWO OR MORI FERTILIZERS IN ANY OF THE APPLICATION	SSARY. TYPE USED ON QUESTION	F01 ENUMERATOR: FOR ROW 101, ORGANIC FERTI (MANURE), ENTER THE TOTAL QUANTITY, AS RI MODULE D QUESTION 37. FOR ROWS 102-105, ENTER THE TOTAL KGS US TYPE OF INORGANIC FERTILIZER, AND CHECK TOTAL KGS REPORTED HERE IN THIS QUESTION FERTILIZERS MATCHES THE TOTAL KGS REPORMODULE D QUESTION 39 OVER BOTH APPLICAT PLOTS. FOR ROWS 106-109, ENTER THE TOTAL AMOUNT EACH TYPE OF PESTICIDES/HERBICIDES OVER AS REPORTED IN MODULE D QUESTION 41.	EPORTED IN SED FOR EACH THAT THE N FOR ALL RTED IN TIONS AND ALL NT USED FOR	F02 ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM QUESTION 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF INPUT USED DURING THE [REFERENCE RAINY SEASON].	F03 During the [REFERENCE RAINY SEASON], did all of this [INPUT] come from purchase bow sing coupons / vouchers?
YES1 NO2>> NEXT MODULE			MUST LIST THE CODES OF ALL TYPES OF FERTILIZERS USED, EVEN THOUGH THEYN ALL BE LISTED IN QUESTION 39. FOR ROWS 106-109, REFER TO THE INPUT CODES OF THE PESTICIDES/ HERBICIDES THE PLOTS, AS REPORTED IN MODULE D (41.	TYPE USED ON	CODES FOR UNIT: GRAM	.13	YES, THE FIGURES MATCHED1 NO, THE ENTRIES IN MODULE D, AND QUESTION 1 OF MODULE F WERE ADJUSTED2	YES1 >> NEXT ROW NO2
		<u> </u>						<u> </u>
\ /	ORGANIC FERTILIZER		ORGANIC FERTILIZER					
\ /	INORGANIC FERTILIZER TYPE # 1	102						
\ /	INORGANIC FERTILIZER TYPE # 2	103						
\	INORGANIC FERTILIZER TYPE # 3	104						
X	INORGANIC FERTILIZER TYPE # 4	105						
/\	PESTICIDES/HERBICIDES TYPE # 1	106						
/ \	PESTICIDES/HERBICIDES TYPE # 2	107						
/ \	PESTICIDES/HERBICIDES TYPE # 3	108						
/ \	PESTICIDES/HERBICIDES TYPE # 4	109						

					AL [INPUT] F	URCHASES				
_	INPUT TYPE CODE CODE		ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	Who/Which firms/institutions were the sources of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE		F07 How much of the [INPUT] was purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]? RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE. CODES FOR UNIT: GRAM1 KILOGRAM2 2 KG BAG3 3 KG BAG4 5 KG BAG5 10 KG BAG6 50 KG BAG7 LITER8 MILLILITER9 BUCKET10 WHEELBARROW.11 OX CART12		mode of transportation used to bring back all of the input that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]? READ RESPONSES On Foot	F09 How much did you pay for transportation to acquire all of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	F10 What was the value of all of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]?
		YES1 NO2>>37	YES1 NO2>>15	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	QUANTITY	UNIT	Other (Specify)5	МК	МК
101 ORGANIC FERTILIZER										
102 ORGANIC PERTILIZER										
103										
104										
105										
106										
107										
108										

_								1ST SOURCE C	OF COMMERCIAL	[INP	UT]
	INPUT TYPE NAME	INPUT TYPE CODE	F11 How did you finance this [INPUT] purchase? READ RESPONSES	F12 How much did you pay up-front for this [INPUT] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING, RECORD ZERO.	repay/will you	F14 What was the credit for the purchase? LIST UP TO 2 INETWORK RC (THEN>>37)	[INPUT]	F15 Who/Which firm/ institution was the FIRST SOURCE of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]?	F16 How much of the [I was purchased wit coupons / voucher purchased on cred [FIRST SOURCE] the [REFERENCE RAINY SEASON]? CODES FOR UNIT GRAM	NPUT] hout s or it from during	F17 What was the main mode of transportation used to bring back the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE RAINY SEASON]? READ RESPONSES
	COPY INPUT TYPE NAME & INPUT TYPE CODE FROM PREVIOUS PAGE. DRGANIC FERTILIZER		Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part on credit3	мк	MK	NETWORK NETWORK ROSTER ID CODE # 1 ID CODE # 2		LIST FROM NETWORK ROSTER NETWORK ROSTER ID CODE	10 KG BAG6 50 KG BAG7 LITER		On Foot
101	ORGANIC FERTILIZER	> <									
102											
103											
104											
105											
106											
107											
107											
109											

			F18	F19	F20		F22	F23	F24
		INPUT TYPE	How much did					What was the source of	Was there a
	NAME	CODE	you pay for	[INPUT] that you	this [INPUT] purchase			credit for this [INPUT]	SECOND SOURCE
			transportation to	purchased without	from [FIRST		you repay?	purchase?	from whom you
			acquire the		SOURCE]?	purchase?			purchased any of
			[INPUT] that you	purchased on credit from	READ RESPONSES	INCLUDE CASH	INCLUDE CASH	LIST FROM NETWORK ROSTER	the [INPUT] without
			purchased	[FIRST SOURCE] during the [REFERENCE RAINY	READ RESPONSES	PAYMENTS AND	PAYMENTS	ROSTER	coupons / vouchers or on credit during
			vouchers or	SEASON]?		ESTIMATED VALUE			the [REFERENCE
			purchased on	SEASON]:		OF IN-KIND	ESTIMATED		RAINY SEASON]?
			credit from			PAYMENTS.	VALUE OF IN-		10 1111 02/10014].
			[FIRST			IF NOTHING,	KIND PAYMENTS.		
			SOURCE] during			RECORD ZERO.	FATWENTS.		
			the						
			[REFERENCE		Paid in full,				
			RAINY		with own-savings1>>24				
			SEASON]?		own-savings1>>24 Received on				
	COPY INPUT TYPE NA	ME	INCLUDE ALL		credit2				
	& INPUT TYPE CODE		TRIPS FROM AND		Part own-savings,				
	FROM PREVIOUS PAGE		BACK TO THE		part				
			FARM.		on credit3				
									YES1
			мк	мк		мк	мк	NETWORK ROSTER ID CODE	NO2>>37
			1				I		1
101	ORGANIC FERTILIZER	$>\!\!\!<$							
102									
103									
104									
105									
106									
107									
108									
109									
109			l						

_			2ND SOURCE O	F COMMER	CIAL [INP	UT]						
			F25	F26		F27	F28	F29	F30	F31	F32	F33
	COPY INPUT TYPE N. & INPUT TYPE CODE FROM PREVIOUS PAG	CODE	SECOND SOURCE of the [INPUT] that you	without coup vouchers or on credit fro [SECOND S during the [REFERENU]? CODES FO GRAM KILOGRAM 2 KG BAG 3 KG BAG 5 KG BAG	s purchased cons / purchased m SOURCE] CE RAINY RUNIT:	What was the main mode of transportation used to bring back the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE RAINY SEASON]? READ RESPONSES On Foot	How much did you pay for transportation to acquire the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE RAINY SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	What was the value of the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE RAINY SEASON]?	How did you finance this [INPUT] purchase from [SECOND SOURCE]? READ RESPONSES Paid in full, with own-savings1>>34 Received on credit2 Part own-savings, part on credit3	How much did you pay up-front for this [INPUT] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF INKIND PAYMENTS. IF NOTHING, RECORD ZERO.	How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF INKIND PAYMENTS.	What was the <u>source</u> of <u>credit</u> for this [INPUT] purchase? LIST FROM NETWORK ROSTER
			NETWORK ROSTER ID CODE	QUANTITY	UNIT		MK	MK		MK	MK	NETWORK ROSTER ID CODE
101	ORGANIC FERTILIZER	><										
102												
103												
104												
105												
106												
107												
108												
109												

				3RD SOURCE C	F COMME	RCIAL [INPUT]						
			F34		F36		F37	F38		F39		F40
		ME	THIRD SOURCE from whom you purchased any of the [INPUT] without coupons / vouchers or on credit during the [REFERENCE RAINY SEASON]?	institution was the THIRD SOURCE of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]? LIST FROM NETWORK ROSTER In the time of the purchased without outcomes or purchased on credit during the [REFERENCE RAINY SEASON]? LIST FROM NETWORK SO KG BAG		vithout coupons / purchased on THIRD SOURCE] REFERENCE SONJ? LUNIT:1234567889100010	Did you receive any of the [INPUT] for free during the [REFERENCE RAINY SEASON]? EXCLUDE ORGANIC FERTILIZER OUT OF OWN-PRODUCTION OR ANY [INPUT] LEFT OVER FROM PREVIOUS SEASON.	How much c [INPUT] did in total for fr the [REFER RAINY SEA CODES FO GRAM KILOGRAM 2 KG BAG 3 KG BAG 5 KG BAG 10 KG BA 50 KG BA LITER MILLILIT BUCKET WHEELBAR OX CART. OTHER (SPECIFY	you receive ee during ENCE SONJ? RUNIT:1 L23456678 ER91000	During the [REFERENG SEASON], f did you rece the [INPUT] LIST UP TO 2 NETWORK R	CE RAINY rom whom ive most of for free?	How much did you pay for transportation in total to acquire all of the [INPUT] that you received for free during the [REFERENCE RAINY SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.
			Yes1 No2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT	Yes1 No2>>41	QUANTITY	UNIT	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	MK
404	ODGANIG FEDTILIZED											
	ORGANIC FERTILIZER											
102												
103												
104												
105												
106												
107												
108												
109												

_			LEFT-OVER [I	NPUT]		OWN-PRODUCED OR	GANIC FERTILIZE	R	ĺ
	INPUT TYPE NAME		F41 Was any of the [INPUT] that you used during the [REFERENCE RAINY SEASON] left over from a previous season?	[REFERENC SEASON]was from a previous season? CODES FOR GRAM KILOGRAM. 2 KG BAG. 3 KG BAG. 5 KG BAG.	you used CE RAINY as left over bus UNIT:12345	F43 Did you use any ORGANIC FERTILIZER out of own-production or own animals during the [REFERENCE RAINY SEASON]?	F44 How much of the OR was used out of own animals during the [F SEASON]? CODES FOR UNIT: GRAM	REFERENCE RAINY	
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		YES1 NO2> 43		6 7 8 R9 10 DW.11 12 13	YES1 NO2 >> NEXT ROW	50 KG BAG7 LITER8 MILLILITER9 BUCKET10 WHEELBARROW.11 OX CART12 OTHER (SPECIFY)13	UNIT	
101	ORGANIC FERTILIZER	> <							ENUMERATOR: RECORD
103									PRIMARY RESPONDENT ID FOR <u>MODULE</u>
104									ID
106									ENUMERATOR: RECORD END TIME
107									FOR MODULE F:
108									HOURS MINUTES

AG-MODULE G: CROPS - [RAINY SEASON]

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1 UNLESS STATED OTHERWISE.

G-0. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD?

ENUMERATOR: RECORD START DATE & TIME FOR MODULE G:

DAY MONTH HOURS MINUTES

G0A G0B GOB_1 GOB_2 G01 G02 G03 G04 G05 G06 G07 A. Did you or ENUMERATOR: PLOT CROP CROP ENUMER-What is the Is the variety Is the When did What type of crop Was the Approximately, How much seed did When did you ENUMER-Have you DO NOT LIST ATOR: ATOR: IS you last [CROP] you plant for the completed anyone in your NAME CODE primary variety local or variety stand was on the how much of plant the seeds CASSAVA, TEA, RECORD household plant of [CROP] improved? recyclable? buy the [PLOT]? planted in the the [PLOT] is [CROP] on this for the [CROP] on THIS A the harvest o COFFEE, ANY PRIMARY CROSSany crops during being seed you entire area of under [CROP]? [PLOT] during the this [PLOT] the [CROP] FRUITS. SECTIONAL RESPON-READ RESPONSES the plot? planted on IREFERENCE during the from this cultivated on DENT ID HOUSE-REFERENCE this [PLOT]? READ RAINY SEASON]? [REFERENCE [PLOT]? this ASK THE HOLD? RESPONSES RAINY [PLOT]? RAINY FOLLOWING SEASONI? ENUMERATOR: SEASON]? ABOUT ALL THIS IS ONLY TYPES OF CROPS ASKED FOR PLANTED IN THE SPECIFIC PLOTS CODES FOR Pure Stand/ Sole CROPS. CULTIVATED CODES FOR MONTH:1>>4 UNIT: DURING THE JANUARY....1 Less than GRAM.....1 FEBRUARY...2 [REFERENCE Strip 1/4....1 KILOGRAM....2 MARCH.....3 RAINY SEASON], Intercrop..2 2 KG BAG....3 APRIL.....4 EVEN IF THE 1/4....2 3 KG BAG....4 MAY.....5 Row Intercrop..3 FARMER WAS 3.7 KG BAG..5 JUNE....6 1/2.....3 NOT ABLE TO 5 KG BAG....6 JULY.....7 Relay HARVEST 10 KG BAG...7 AUGUST....8 3/4.....4 Intercrop..4 YES..1 ANYTHING. 50 KG BAG...8 SEPTEMBER..9 NO...2>>AG-YES..1>>10 YES..1>>9 OTHER OCTOBER...10 Mixed YES...1>>4 More than MODULE J LOCAL....1 (SPECIFY)...9 NOVEMBER..11 NO...2 NO...2 3/4....5 FOR FACH PLOT YES...1 Intercrop..5 NO...2 >>G0B_2 RECORD THE NO...2 VARIETY CODE IMPROVED...2 QUANTITY HHID CODE PLOT ID AND LIST (4-DIG.) (4-DIG.) ALL CROPS THAT WERE PLANTED. BEFORE MOVING TO THE NEXT PLOT. ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW. ONE ROW AT A TIME.

2015/2016...2

2014/2015...1

AG-MODULE G: CROPS - [RAINY SEASON]

CONCERNING PANEL HHs: FILL IN DURING VISIT 2

		G08			G09	G10 th [CROP] did you Was the		G10	G11		G11 1	G12		G13			G14	
PLOT	CROP	How much [CR	ODI do				Lyou		_	area harvested	What was	What wer	o tho	How much [CDODI did v	011	Who in the	housohold
		expect to harve			harvest from			area	less than the		the main	months w		harvest from			makes the	
ייו	NAIVIE	[PLOT] during t			during the [F			harvested	less than the t	area piariteu:	disease	harvest st		the [REFER			concerning	
		[REFERENCE			RAINY SEAS		OL		READ RESPON	ISES, LIST UP	affecting	ended?	arteu ariu	SEASONI?	LIVOL IVAIIV	i	the [CROP]	
		SEASON]?			IVAIIVI OLA	JOI4]:		area	TO 2 REASON		the plants	ondou.			EST. RECORI	7FRO	[PLOT]?	outputo
		OL/10011j.						planted?			in the				FITY" AND >>		[]-	
		CODES FOR	IINTT.		20000	EOD 1911					[PLOT]?			ROW. CODES	DOD		LIST UP TO	TWO
		KILOGRAM		1		FOR UNIT								CODES	RAM	1	HOUSEHOL	D MEMBERS.
		50 KG BAG.				BAG					ENUMER-				BAG			
		PAIL (SMAL PAIL (LARG				(SMALL)					ATOR:	CODES FOR MONTH:			(SMALL)			
		NO. 10 PLA				(LARGE)) PLATE					ONLY ASK	JANUAR		PAIL (LARGE)5 NO. 10 PLATE6				
		NO. 12 PLA	TE	7		PLATE					THIS	FEBRUA	RY2		2 PLATE			
		BUNCH			BUNCH		8		D	1	QUESTION IF DISEASE	MARCH.		BUNCH8		. 8		
		PIECE BALE							EFFECTS OF	1 :	LISTED AS	APRIL. MAY						
		OX-CART									REASON IN	JUNE						
		OTHER			OTHER					4	G11.	JULY		OTHER				
		(SPECIFY).	1	.3	(SPEC	[FY)	.13					AUGUST SEPTEM		(SPEC	IFY)1	13		
		CODE FOR S	/U:		CODE	FOR S/U:				7		OCTOBE		CODE	FOR S/U:			
		S: SHELLED				ELLED	.1	YES1		red labor9		NOVEMB	ER11		ELLED1	L		
		U: UNSHELL NOT APPLIC				SHELLED		NO2>>12		cify)10 Rains11		DECEMB			SHELLED2		HH ROSTER	HH ROSTER
						PPLICABLE			-		1	START	END		PPLICABLE.		ID CODE	ID CODE
		QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U		1ST	2ND	DISEASE	MON.	MON.	QUANTITY	UNIT	S/U	#1	#2
											CODE					l		
											1	1		1				
												-	1		ı	ENUMER	1700	

ENUMERATOR:
RECORD
END TIME
FOR MODULE
HOURS
MINUTES

AG-MODULE H: SEEDS - [RAINY SEASON]

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1.

ENUMERATOR: RECORD START DATE & TIME FOR MODULE H:

DAY MONTH HOURS MINITES

H-0. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? 2014/2015...1 2015/2016...2 ENUMERATOR: FIRST, FILL THE FIRST TWO COLUMNS & QUESTIONS 1 & 2. THEN, GO THROUGH THE ENTIRE MODULE (STARTING WITH Q. 3) FOR EACH ROW, ONE ROW AT A TIME. COMMERCIAL [SEED] PURCHASES H05 ENUMERATOR: REFER TO ENUMERATOR: ASK THE SEED TYPE SEED TYPE During the During the ENUMERATOR: Who/Which How much of the [SEED] was AG-MODULE G. QUESTION FARMER WHETHER THE REFERENCE IS THIS A NAME CODE [REFERENCE firms/institutions were the purchased without coupons / FIGURES FROM QUESTION CROSS-4. FOR EACH TYPE OF RAINY RAINY sources of the [SEED] that vouchers or purchased on SEED. COMPUTE THE 1 CORRESPOND TO THE SECTIONAL SEASON], did SEASON], did you purchased without credit during the [REFERENCE TOTAL AMOUNT PLANTED AMOUNT OF EACH TYPE HOUSEHOLD? all of this you purchase coupons / vouchers or RAINY SEASON]? ACROSS PLOTS OF SEED USED DURING [SEED] come any [SEED] purchased on credit during CULTIVATED BY THE THE [REFERENCE RAINY from purchases without the IREFERENCE RAINY RECORD TOTAL QUANTITY, HOUSEHOLD DURING THE SEASON]. REGARDLESS OF SOURCE. by using coupons/ SEASON]? [REFERENCE RAINY vouchers or coupons / SEASON]. RECORD THE vouchers? purchase any LIST UP TO 2 FROM VALUE HERE. NETWORK ROSTER [SEED] on CODES FOR UNIT: credit? GRAM....1 ENUMERATOR: REFER TO AG-MODULE G. KILOGRAM....2 2 KG BAG....3 COLUMNS FOR CROP NAME & CROP 3 KG BAG....4 CODE. FILL THESE TWO COLUMNS WITH YES, THE FIGURES 3.7 KG BAG...5 THE NAMES AND CODES OF ALL MATCHED.....1 5 KG BAG....6 CODES FOR UNITS DIFFERENT TYPES OF SEEDS PLANTED 10 KG BAG....7 GRAM....1 BY THE HOUSEHOLD DURING THE NO, THE ENTRIES IN 50 KG BAG....8 KILOGRAM....2 AG-MODULE G, AND [REFERENCE RAINY SEASON] . OTHER UESTION 1 OF YES..1>>37 YES..1 YES..1 NETWORK NETWORK G-MODULE H WERE NO...2 NO...2> 37 NO...2>>15 QUANTITY QUANTITY ADJUSTED.....2 ROSTER ROSTER UNIT ID CODE # 1 ID CODE # 2 202 203 204 205 206 207

		H08	H09	H10	H11	H12	H13	H14	
		What was the main mode of transportation used to bring back all of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE	How much did you pay for transportation to acquire all of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE	What was the value of all of the [SEED] that you purchased without coupons / vouchers or	How did you <u>finance</u> this [SEED] purchase? READ RESPONSES	How much did you pay up-front for this [SEED] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING,	How much did	What was the credit for the [purchase?	SEED]
	COPY SEED TYPE N & SEED TYPE CODE FROM PREVIOUS PA	on Foot1 Bicycle Taxi2 Who Bicycle or xxcart3 Truck / Bus / Minibus4 ther (Specify)5	FROM AND BACK TO THE FARM.	мк	Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part	RECORD ZERO.	мк	(THEN: NETWORK ROSTER ID CODE #1	>> 37) NETWORK ROSTER ID CODE # 2
201									
202									
203 204									
205									
206									
207									
208									

1ST SOURCE OF COMMERCIAL [SEED]

_				OF COMMERCIA	[]					
			H15	H16		H17	H18	H19	H20	H21
	SEED TYPE	SEED TYPE	Who/Which	How much of the [S	SEED] was	What was the main mode		What was the	How did you finance	How much did
	NAME			purchased without			for transportation to	value of the	this [SEED] purchase	you pay up-front
				vouchers or purcha			acquire the [SEED] that			for this [SEED]
				from [FIRST SOUP		that you purchased		purchased	SOURCE]?	purchase?
				the [REFERENCE	RAINY			without coupons		
			purchased	SEASON]?				/ vouchers or	READ RESPONSES	INCLUDE CASH
			without coupons				from [FIRST SOURCE]			PAYMENTS AND ESTIMATED
			/ vouchers or				during the	credit from		VALUE OF IN-KIND
			purchased on					[FIRST		PAYMENTS.
			credit during the	CODES FOR U	NTT.	SEASON]?	SEASON]?	SOURCE]		17(TIMETYTO:
			[REFERENCE	GRAM				during the		IF NOTHING,
			RAINY	KILOGRAM		READ RESPONSES	INCLUDE ALL TRIPS	[REFERENCE		RECORD ZERO.
			SEASON]?	2 KG BAG 3 KG BAG			FROM AND BACK TO THE FARM.	RAINY	Paid in full,	
			LIST FROM	3.7 KG BAG			THE FARM.	SEASON]?	with	
			NETWORK	5 KG BAG	6	On Foot1			own-savings1>>24	
			ROSTER	10 KG BAG		Bicycle Taxi2			Received on credit2	
	COPY SEED TYPE N	AME		50 KG BAG OTHER	8	Own Bicycle or			Part	
	& SEED TYPE CODE FROM PREVIOUS PA	~p		(SPECIFY)	9	Oxcart3 Truck / Bus			own-savings,	
	FROM FREVIOUS FA	JE.				/ Minibus4			part on credit3	
			NETWORK ROSTER ID CODE	QUANTITY	UNIT	Other (Specify)5	МК	MK	on create	МК
201										
202										
203										
204										
205										
206										
207										
208										
209										

							F COMMERCIAL	[SEED]	
			H22	H23	H24	H25	H26		H27	H28
	COPY SEED (SEED TYPE SEED TYPE FROM PREVI	E CODE	you <u>repay</u> /will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED	the source of credit for this [SEED] purchase? CLUDE CASH purchase? the [SEE SYMENTS AND STIMATED LUE OF IN-ND NETWORK ROSTER RAINLY STEAD		institution was the SECOND SOURCE of the [SEED] that you purchased without	was the coupons / vouchers or purchased on credit from [SECOND SOURCE] d without droining the NCE CODES FOR UNIT: GRAM		What was the main mode of transportation used to bring back the [SEED] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE RAINY SEASON]? READ RESPONSES On Foot	How much did you pay for transportation to acquire the [SEED] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE RAINY SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.
			мк	NETWORK ROSTER ID CODE	YES1 NO2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT	/ Minibus4 Other (Specify)5	мк
201										
202										
203										
204										
205										
206										
207										
208										
209										

										OF COMMERCIAL [S	EED]
			H29	H30	H31	H32	H33	H34	35.	H36	
	& SEED TYPE	SEED TYPE CODE COPY SEED TYPE NAME SEED TYPE CODE FROM PREVIOUS PAGE.		How did you finance this [SEED] purchase from [SECOND SOURCE]? READ RESPONSES Paid in full, with own-savings.1>>34 Received on credit2	How much did you pay, did you up-front for this (SEED) purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS IF NOTHING, RECORD ZERO.		this [SEED] purchase? LIST FROM NETWORK ROSTER	SOURCE from whom you			ons / on credit during
	FROM FREV	TOUS PAGE.	МК	Part own-savings, part	МК	MK	NETWORK ROSTER ID CODE	YES1 NO2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT
201											
202											
203											
204											
205											
206											
207											
208											
209											

		Ī	FREE [SEED]								LEFT-OVER [S	1							
& SEED TY		CODE ED TYPE 1 TYPE CODE	SEED TYPE CODE		H37 Did you receive any of the [SEED] for free during the		H38 How much of the [SEED] did you receive		H39 During the [REFERENCE RAINY SEASON], from whom did you receive the [SEED] for free? LIST UP TO 2 FROM NETWORK ROSTER		H40 How much did you pay for transportation in total to acquire all of the [SEED] that you received for free during the [REFERENCE	H41 Was any of the [SEED] that you used during the [REFERENCE	H42 How much of the [SEED] that you used during the [REFERENCE RAINY SEASON] left over from a previous season?		this [SEED]?	ENUMERATOR: BEFORE MOVING TO THE NEXT MODULE, MAKE SURE THAT THE NUMBER OF SEEDS RECORDED IN THIS MODULE IS EQUAL TO THE NUMBER OF UNIQUE CROP VARIETIES IDENTIFIED IN THE AG- MODULE G.			
	FROM PRE	EVIOUS PA	VIOUS PAGE.		YES		YES1 NO2>>41	>>41 QUANTIII		UNIT	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	мк	YES1 NO2>>43	QUANTITY	UNIT	program	_	
01																			
02		-															RE PR	NUME ECOR RIMAF	
203		_																ESPO FOR	
:04		-													-			L	
205		_								1					1		RE	NUME ECOR	
:07																		ND TI OR <u>M</u>	
208																			
209																	Н	HOURS	

AG-MODULE I: SALES/STORAGE - [RAINY SEASON]

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

2014/2015...1 2015/2016...2

ENUMERATOR: RECORD START DATE & TIME FOR MODULE I:

DAY	MONTH	HOURS	MINUTES

I-0. **ENUMERATOR:** WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD?

ENUMERATOR: REFER TO AG-MODULE G. LIST THE NAMES AND CODES OF ALL DIFFERENT TYPES OF CROPS HARVESTED DURING THE [REFERENCE RAINY SEASON]. ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW, ONE ROW AT A TIME.

CROP NAME	CROP	IO1 Did you sell any of the harvested [CROP]? YES1 NO2>>31	I01_1 ENUMERATOR: RECORD PRIMARY RESPONDENT ID	[CROP] was FOR ALL APP MAKE SURE 1	LICABLE CROPS TO ASK HE REPORTED	What was the total	ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	Who/What were the main buyers/outlets for your [CROP]		these earnings?	CODES FOR MONTH: JANUARY1 FEBRUARY2 MARCH3 APRIL4 MAY5 JUNE6 JULY7 AUGUST8 SEFTEMBER9	I08 Approximately how many transactions took place while selling [CROP]?	
			HH ROSTER ID CODE	QUANTITY	UNIT S/U	МК		NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	HH ROSTER HH ROSTE ID CODE # 1		NUMBER OF TRANSACTIONS	

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

CODES FOR UNIT:

KILOGRAM...1 NO. 10 PLATE. 6 BALE.....10
50 KG BAG...2 NO. 12 PLATE. 7 OX-CART......12

PAIL (SMALL). 4 BUNCH.....8 OTHER (SPECIFY)..13

PAIL (LARGE)..5 PIECE...9

CODE FOR S/U:
S: SHELLED...1 U: UNSHELLED..2 NOT APPLICABLE..3

	GEST		

		109	I10	l11	l12			113	l14		l15	
CROP	CROP	What was the main		Who/What	How much of	the		What was the total	Who in your ho	ousehold	When wa	s most of
NAME	CODE	mode of transportation	cost of transportation		harvested [CF	-	as	value of [CROP]	kept/decided w		the [CRO	
		associated with all		[LARGEST	sold to [LARG			sales to [LARGEST	these earnings	?	the [LAR	
		[CROP] sales?	[CROP] sales?		BUYER/ OUT	LET]?		BUYER/ OUTLET]?			BUYER /	OUTLET]?
				OUTLET] for			_		LIST UP TO 2 FI			
		READ RESPONSES	INLUDE ALL TRIPS FROM AND BACK TO THE FARM.	your [CROP] sales?	FOR ALL APPI CROPS, MAKE ASK WHETHE	SURE R THE	ТО	ESTIMATE THE VALUE OF IN-KIND PAYMENTS	HOUSEHOLD R	OSTER		
				LIST FROM NETWORK ROSTER	REPORTED VA						CODES FO JANUARY. FEBRUARY	1
		On Foot1 Bicycle Taxi2 Own Bicycle or Oxcart3 Truck / Bus / Minibus4 Buyer picked up	(THEN >> 31)	KOOTEK							MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER.	4 5 6 7 8 R9
		the crop5									NOVEMBER	
		Other		NETWORK ROSTER	QUANTITY	UNIT	S/U		HH ROSTER	HH ROSTER	DECEMBER	
		(Specify)6	MK	ID CODE				MK	ID CODE #1	ID CODE # 2	MONTH	YEAR (4-DIGIT)
	1						1					
	+											

TO ACCOMPANY IN	FORMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT:			
KILOGRAM1	NO. 10 PLATE6	BALE10	
50 KG BAG2	NO. 12 PLATE7	OX-CART12	
PAIL (SMALL)4	BUNCH8	OTHER (SPECIFY)13	
PAIL (LARGE)5	PIECE9		
CODE FOR S/U:			
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

						SECOND LA	ARGEST BU	YER/	OUTL	ET		
		l16	117	l18	l19	120	I21			122	123	
CROP	CROP	Approximately	What was the main	What was the total	Was there	Who/What	How much o	f the		What was the total	Who in your ho	ousehold
NAME	CODE	how many	mode of transportation	cost of transportation		was the	harvested [C	ROP]	was	value of [CROP]	kept/decided w	hat to do with
		transactions took	associated with the	associated with the	outlet to whom	[SECOND	sold to [SEC	OND		sales to [SECOND	these earnings	?
		place while selling	[CROP] sales to	[CROP] sales to	you sold [CROP]	LARGEST	LARGEST B	UYER	/	LARGEST BUYER/		
		[CROP] TO	[LARGEST BUYER/	[LARGEST BUYER/	during the	BUYER/	OUTLET]?			OUTLET]?	LIST UP TO 2 F	
		[LARGEST	OUTLET]?	OUTLET]?	[REFERENCE	OUTLET] for					HOUSEHOLD R	OSTER
		BUYER/			RAINY	your [CROP]	FOR ALL APP			ESTIMATE THE		
		OUTLET]?	READ RESPONSES	INLUDE ALL TRIPS	SEASON]?	sales?	CROPS, MAK			VALUE OF IN-KIND		
				FROM AND BACK TO			ASK WHETH			PAYMENTS		
				THE FARM. IF		LIST FROM	SHELLED OF		13			
			On Foot1	NOTHING, RECORD ZERO.		NETWORK	UNSHELLED					
			Bicycle Taxi2	ZLINO.		ROSTER						
			Own Bicycle or									
			Oxcart3 Truck / Bus									
			/ Minibus4									
			Buyer picked up		YES1							
			the crop5		NO2>>31							
			Other (Specify)6			NETWORK	QUANTITY	UNIT	S/U		HH ROSTER	HH ROSTER
		NUMBER OF	(specify)	MK	1	ROSTER ID CODE				MK	ID CODE #1	ID CODE # 2
		TRANSACTIONS										
	I .	<u>!</u>	1	1	<u> </u>	<u> </u>				<u>!</u>	<u> </u>	

TO ACCOMPANY INFO	RMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT: KILOGRAM1 50 KG BAG2 PAIL (SMALL)4 PAIL (LARGE)5	NO. 12 PLATE7 BUNCH8	BALE	
CODE FOR S/U: S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

								ALTERNATIVE (JSES	
		124		125	126	127	128	l31		
CROP	CROP	When wa	as most of	Approximately how	What was the main	What was the total	Was there another	How much of the ha	arvested	ı
NAME	CODE	the [CRC	P] sold to	many transactions	mode of transportation	cost of transportation	buyer/outlet to whom	[CROP] during the		
		the [SEC	OND	took place while	associated with the	associated with the	you sold [CROP]	[REFERENCE RAII	NY SEA	SON]
		LARGES	T BUYER	selling [CROP] TO	[CROP] sales to	[CROP] sales to	during the	was given out as gi	fts or	
		/OUTLET	Γ]?	[SECOND	[SECOND LARGEST	[SECOND	REFERENCE	reimbursements for	land, la	bour?
				LARGEST BUYER/	BUYER/OUTLET]?	LARGEST BUYER/	RAINY SEASON?			
				OUTLET]?	-	OUTLET]?		EXCLUDE REIMBUR		TS
				-	READ RESPONSES	-		FOR INPUTS BORRO		
			OR MONTH:			INLUDE ALL TRIPS		ACQUIRED ON CRE	DIT.	
		JANUARY. FEBRUARY				FROM AND BACK TO				
		MARCH			on Foot1	THE FARM. IF		IF NOTHING, RECOR		
		APRIL			Bicycle Taxi2	NOTHING, RECORD		32. FOR ALL APPLIC		-
		MAY			Own Bicycle or Oxcart3	ZERO.		MAKE SURE TO ASK		
		JUNE JULY			Truck / Bus			THE REPORTED VA		
		AUGUST			/ Minibus4			SHELLED OR UNSH		
		SEPTEMBE			Buyer picked up		YES1			
		OCTOBER.			the crop5		NO2			
		NOVEMBER DECEMBER			(Specify)6			QUANTITY	UNIT	S/U
		MONTH	YEAR	NUMBER OF	† -	MK	1			
		WONTH	(4-DIGIT)	TRANSACTIONS		MIX				
		1								

TO ACCOMPANY INFO	DRMATION COLLECTED	ON "QUANTITI":	
CODES FOR UNIT:			
KILOGRAM1	NO. 10 PLATE6	BALE10	
50 KG BAG2	NO. 12 PLATE7	OX-CART12	
PAIL (SMALL)4	BUNCH8	OTHER (SPECIFY)13	
PAIL (LARGE)5	PIECE9		
CODE FOR S/U:			
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

I		132			133			134			135			136				137	
CROP	CROP	How much of	the		How much of th	e harves	ted	How much of	the harvested	d (CROP)	How much of	the			the the h	narvested	d [CROP] during	-	the reason
NAME		harvested [C			[CROP] during			during the [RE			harvested [CI		ırina				SON] was lost t		
		the [REFERE			IREFERENCE			SEASON] was			the [REFERE						etc. in the post-		
		SEASON] wa			SEASON] was	used for a	animal	[CROP] by-pro	oducts that yo	our	SEASON] wa	s saved	for	harvest perio	d?		•	READ RESI	PONSES.
		as reimburse	ments	for	feed?			household sol	d, if any, for	cash/ in-kind	seed?							LIST UP TO	2.
		inputs borrov	ed or					goods/ service	es?					INCLUDE THE	QUANTI	TY OF CR	ROP USED AS		
		acquired on o	credit?		EXCLUDE THE						IF NOTHING, I			ANIMAL FEED	DUE TO	PEST DA	MAGE.		
					CROP USED AS		FEED	EXCLUDE CRO			ZERO FOR "Q								
		IF NOTHING,		.U	DUE TO PEST D	AMAGE.		OWN-PRODUC		DUCTS	AND CONTINU						ONLY IF THE		
		ZERO FOR "C			IE NOTUNO DE	0000 75	D.O.	CONSUMED A	T HOME.		FOR ALL APP			QUANTITY FO			APPROXIMATE		
		AND CONTIN			IF NOTHING, RE		RU	IE NOTUNO B	E00DD 7ED	0.500	CROPS, MAKI ASK WHETHE		10				ANTITY" AND >>		
		FOR ALL APP CROPS, MAK			CONTINUE TO 3			IF NOTHING, R	ECORD ZER	D FOR E TO 25 FOR	REPORTED V			38.	D ZENO	TOIL QU	7441111 7446 >>		
		ASK WHETHE		. 10	FOR ALL APPLIC		OPS.	ALL APPLICAB			SHELLED OR							Rotting Insects	
		REPORTED V			MAKE SURE TO						0.122223 0.11	0.10.12		FOR ALL APP	LICABLE	CROPS, I	MAKE SURE TO		
		SHELLED OR			THE REPORTED	VALUE I	S	VALUE IS SHE	LLED OR UNS	SHELLED.				ASK WHETHE			O VALUE IS	Flood	
					SHELLED OR U	NSHELLE	D.							SHELLED OR	UNSHEL	LED.		Theft Other (Sp	
														OF	PTION 1		OPTION 2		ecrry).0
		QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	PERCENTAGE		
																		1ST	2ND
														l					
																		+	+
																		_	

TO ACCOMPANY INFO	ORMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT:			
KILOGRAM1	NO. 10 PLATE6	BALE10	
50 KG BAG2	NO. 12 PLATE7	OX-CART12	
PAIL (SMALL)4	BUNCH8	OTHER (SPECIFY)13	
PAIL (LARGE)5	PIECE9		
CODE FOR S/U:			
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

	STORAGE									
	138	139	140			l41		142		
CROP								In general, whe		
CODE							tored	[CROP], what is usually the		
		for this crop?						main purpose for storing it?		
	storage now?									
		RESPONSES	1			UP TO 2.	ONSES. LIST	READ RESPON 2.	SES. LIST UP TO	
	YES1 NO2>>42	pile1 Heaped in house2 Bags in house3 Chitandala in house4 Chitandala outside5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic	CHANTITY LINET CALL		Spraying		Food for household1 To sell at a higher price			
		Silo8 Other				1ST	2ND	1ST	2ND	
	I	(Specify)9	1				I	1		
		CROP CODE Do you have any of the harvested [CROP] in storage now?	CROP CODE Do you have any of the harvested [CROP] in storage now? READ RESPONSES Unprotected pile1 Heaped in house2 Bags in house3 Chitandala in house4 Chitandala outside5 Traditional Nkhokwe5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic Silo8 Other	CROP CODE Do you have any of the harvested [CROP] in storage now? READ RESPONSES Unprotected pile1 Heaped in house	CROP CODE Do you have any of the harvested [CROP] in storage now? READ RESPONSES Unprotected pile1 Heaped in house	CROP CODE Do you have any of the harvested [CROP] in storage now? Metalic speed pile1 Heaped in house	CROP CODE Storage Do you have any of the harvested [CROP] in storage now? Storage now? READ RESPONSES Unprotected pile	CROP CODE Storage Do you have any of the harvested [CROP] in storage for this crop? Storage now? READ RESPONSES Unprotected pile	CROP CODE Storage Do you have any of the harvested [CROP] in storage for this crop?	

TO ACCOMPANY INFO	RMATION	COLLECTED	ON "QUANTITY":	
CODES FOR UNIT:				
KILOGRAM1	NO. 10	PLATE6	BALE10	
50 KG BAG2	NO. 12	PLATE7	OX-CART12	
PAIL (SMALL)4	BUNCH	8	OTHER (SPECIFY)13	
PAIL (LARGE)5	PIECE	9		
CODE FOR S/U:				
S: SHELLED1	U: UNSH	ELLED2	NOT APPLICABLE3	

ENUMERATOR:		
RECORD		
END TIME		
FOR MODULE I:	HOURS	MINITES

AG-MODULE I 1: GARDEN (MUNDA) ROSTER - DRY (DIMBA) SEASON L_1_A-1. ENUMERATOR: REFER TO THE HOUSEHOLD QUESTIONNAIRE, MODULE X. WHAT WAS THE REFERENCE DRY (DIMBA) SEASON FOR THIS HOUSEHOLD? I_1_01. During the [REFERENCE DIMBA SEASON], did you OR any member of your household cultivate any land? YES..1 NO...2 >> AG-MODULE O 1 I 1 02. ENUMERATOR: ASK THE FOLLOWING IF THE RESPONDENT ALREADY LISTED ANY GARDENS I 1 02 1, ENUMERATOR: ASK THE FOLLOWING IF THE RESPONDENT DID NOT LIST ANY GARDENS OWNED OR CULTIVATED IN OWNED OR CULTIVATED IN THE [REFERENCE RAINY SEASON]: In addition to the gardens you already mentioned, THE [REFERENCE RAINY SEASON]: Were there any GARDENS that you or any member of your household cultivated during the were there ANY OTHER (ADDITIONAL) GARDENS that you or any member of your household <u>cultivated</u> during the [REFERENCE DIMBA SEASON]? [REFERENCE DIMBA SEASON]? ENUMERATOR: RECORD ENUMERATOR: PRIMARY RESPONDENT RECORD YES....1 YES....1 ID FOR MODULE B_1: END TIME NO....2 >> NEXT MODULE NO....2 >> NEXT MODULE HOURS MINUTES FOR MODULE B 1: **ENUMERATOR**: RECORD START DATE & TIME FOR MODULE I_1: DAY MONTH HOURS MINUTES TABLE A A GARDEN (MUNDA) IS A CONTINUOUS PIECE OF LAND AND SHOULD NOT BE SPLIT BY A RIVER OR A PATH WIDE ENOUGH TO FIT AN OX-CART OR VEHICLE. A GARDEN CAN CONTAIN ONE OR MORE PLOTS. A PLOT IS DEFINED AS A CONTINUOUS PIECE OF LAND ON WHICH A UNIQUE CROP OR A MIXTURE OF CROPS IS GROWN, UNDER A UNIFORM, CONSISTENT CROP MANAGEMENT SYSTEM. A PLOT MUST BE CONTINUOUS AND SHOULD NOT BE SPLIT BY A PATH OF MORE THAN ONE METRE IN WIDTH. PLOT BOUNDARIES ARE DEFINED ACCORDING TO THE CROPS GROWN AND THE OPERATOR. Please list all ADDITIONAL GARDENS (MINDA) you or anyone in your household cultivated during the [REFERENCE DIMBA SEASON]. 1 03 1 04 1 05 I 1 07 I_1_07a 1 08 ENUMERATOR: ENUMERATOR: ENUMERA-TOR: GARDEN (MINDA) NAME LOCATION & DESCRIPTION What is the area of this ENUMERATOR: RECORD THE COORDINATES FOR THE CORNER OF THE GARDEN AT WHICH YOU STARTED AREA MEASUREMENT. RECORD RECORD GPS RECORD THE [GARDEN]? (MUNDA) NUMBER OF ACCURACY WEATHER ID IF YOU DID NOT RECORD THE GPS COORDINATES, PLEASE SPECIFY SATELLITES GPS CONDITIONS AT ENUMERATOR: ASK THE REASON. TRACKED TO TIME OF FARMER TO ESTIMATE THE CODES FOR REASON: CAPTURE MEASUREMENT AREA. GARDEN CODES FOR UNIT: LONG DISTANCE WITHIN THIS DISTRICT......1 COORDINATES LONG DISTANCE OUTSIDE THIS DISTRICT.....2 ACRE.....1 HECTARE.....2 SOUARE METERS....3 YARDS.....4 FARMER ESTIMATION REASON LATITUDE (S) LONGITUDE (E) ΔRFΔ UNIT DG01 DG02 DG03 DG04 DG05 DG06

AG-MODULE I_2: GARDEN DETAILS - [REFERENCE DIMBA SEASON]

NOTE: THIS MODULE ADMINISTERED IN VISIT 2 FOR PANEL HOUSEHOLDS

I-O. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? 2015...1 2016...2

ENUMERATOR: RECORD START DATE & TIME FOR DAY MONTH HOURS MINUTES

ENUMERATOR: ASK THE FOLLOWING FOR EACH GARDEN RECORDED IN AG-MODULE B_1, TABLE A. GO THROUGH THE ENTIRE MODULE ONE GARDEN AT A TIME.

BADIMERATOR: Novel do sour locared or law in the many properties			I_2_02	I_2_03	I_2_03_1	1_2_03_2	I_2_04						I_2_04_			1_2_0						I_2_04_			1_2_0					
ENLINERATION: COPYTROM UST TROM 1, TABLE A SECRECATION TO COPYTROM COPYTRO		-	ENUMERATOR:	How did your household acquire			Who in	this hou	usehold	owns t	this																			nent
CASHEART COPY FROM MINISTER IT WAS PURCHASED PICKER FROM MINISTER IN		ID	OF THE	this [GARDEN]?			IGARDI	EN]?								aocun	nent as	owner	of this	GARDI	EN]?				as ow	ner or ti	nis įGA	KDENJ	?	
Manufacture by Local Laboratory Manu		ENLIMEDATOR:	RESPONDENT.	IF PURCHASED, PROBE FOR												LIST U	IP TO 4	JOINT C	WNER	S FROM					LIST U	P TO 4 .	JOINT C	WNER	S FROM	
MITATILE A MOSTER		-	LICT EDOM			acquired?								•		HOUSI	EHOLD	ROSTE	R. LIST	UP TO 2	FROM	rights to	this [C	ARDEN]	HOUS	HOLD	ROSTE	R. LIST	UP TO 2	FROM
1.1,TABLE A				WITH A TITLE.								EDOM.				NETW	ORK RC	OSTER							NETW	ORK RC	STER			
SOMETIME NOTICES 1501 2 3 3 3 4 4 5 5 6 6 6 6 6 6 6 6		I_1, TABLE A				MARK 9999	NETWO	RK ROS	TER	LISTU	102	FROIVI																		
Exercise 1.00 1.0				GRANTED BY LOCAL																										
## PARTY MRSHER 23 12 12 12 12 12 12 12 12 12 12 12 12 12				LEADERS1>>I 2 3 2																										
FINCHARDS 1982 19																														
Exercise 1987 1988 198																														
SINGEL_TRANSPORT CORE PROPERTY 1,193/2,13 PROP				LEASEHOLD6>>1_2_13																										
1 2 3 4 5 6 7 8	ω.																													
1 2 3 4 5 6 7 8	BE			FARMING AS A																										
1 2 3 4 5 6 7 8	Iş			TENANT8>>I_2_13																										
1 2 3 4 5 6 7 8	Ϊ́́			FREE9>>I_2_13																										
1 2 3 4 5 6 7 8	1=												VEC OFF	ד חר מם	FACE 1															
1 2 3 4 5 6 7 8	Ę		НН	OTHER (SPECIFY) .11>>1 2 13	NWID NWID		HHID	HHID	HHID	HHID	NWID		YES, A T	ITLE DE	ED2	HHID	HHID	HHID	HHID	NWID	NWID	SALES RI	ECEIPT.	1	HHID	HHID	HHID	HHID	NWID	NWID
1 2 3 4 5 6 7 8	É												LEASE		3							INHERIT	ANCE PA	PER3						
1 2 3 4 5 6 7 8	AT/		ID CODE		#1 #2		#1	#1	#1	#1	#1	#2				#1	#1	#1	#1	#1	#2				"'	#'	#1	#1	#1	#2
4 5 6 7 8	<u> </u>			PERMODIC	! 	YEAR										_	I	<u> </u>												
4 5 6 7 8	1																													
4 5 6 7 8	<u> </u>															1									1					
4 5 6 7 8	2																													
4 5 6 7 8	-																													
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6 7 8	-																													
6 7 8	4																													
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	7																													
	-																													
9	8																													
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AG-MODULE I_2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

																						RENTED	IN					
GARE ID	Does hous right			e W e [G	SARDI ST UP DUSEI	n deci EN]?	JOINT (OWNER	S FROM	1	househ	nyone in the old have the bequeath th	Who this [is LIST HOU	(GARD UP TO SEHOLI	ecide wh EN]? 4 JOINT D ROSTE ROSTER	OWNER	S FROM	1	I_2_05 If you were to sell this [GARDEN] today, how much could you sell it for?	I_2_06 If you were to rent out this [GARDEN] today for 12 months, I how much could you rent it for?	I_2_07 ENUMERATOI :IS THIS A CROSS- SECTIONAL HOUSEHOLD?	you give as DIMBA SE. ENTER ZER WAS GIVEN MORE THAN RENT, ASK	rent, if any, in	N THE [REF	O OUTPUT UE TO 9. IF /EN AS	for the use [REFEREN ENTER ZER BEEN MADE BY CROP O CROP IS TO ESTIMATE 1 PAYMENTS TYPE OF CF	of [GAR CE DIM O IF NO E. EXCLU JTPUT IF BE PAID THE VALU IF MORI	JE OF IN-KIND E THAN ONE S PAID AS REN
		S1 2	>> 4_7	С		HHID CODE #1	HHID CODE #1			NWID CODE #2	YES.	.1 .2 >> 4_9	HHIE CODI #1	E COD	E CODE	HHID CODE #1	NWID CODE #1	NWID CODE #2		(THEN >> 14)	YES1 NO2>>10	50 KG B PAIL (S PAIL (L NO. 10 NO. 12 BUNCH PIECE OX-CART OTHER	AG	S:SHELI U:UNSHE	LED1	OTHER THA	THE VAL N THE C N 8.	UE OF CROPS NE RECORDEI

AG-MODULE I_2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

		I_2_10				I_2_11				I_2_12	I_2_13		I_2_13_1		I_2_14
	GARDEN	How much o	utput from th	is [GARDEN]] are you		ou already pay the o		of [GARDEN] in	What period of time did	Who own		Who in th		During the [REFERENCE DIMBA
	ID			if any, in the		the [REFERENC	CE DIMBA SEASON	1]?		this payment cover?	[GARDEI	N]?			SEASON], is this [GARDEN]
		[REFERENC	CE DIMBA SE	EASON]?									use rights		
						OF IN-KIND PAYM	NO PAYMENT HAS BI	EEN MADE. ESTIMA	ATE THE VALUE	READ ANSWERS	LIST UP	TO 2	[GARDE	N]?	READ ANSWERS
				TITY" IF NO OU		OF IN-KIND PATIN	IENIS.				FROM		LIOTUD	TO 0	
						How much do yo	ou still have to pay the	ne owner for the u	se of IGARDENI		NETWOR		LIST UP FROM	102	
		MAIN CROP.	INOI O WILL L	L I MD, MOR	NDOOT THE		NCE DIMBA SEAS		36 OF [OARDEN]		KOSTER		HOUSE	IOI D	
		WINTER CITCOL.					. 102 55, 1 02, 10	J. 1,1					ROSTER		
						ENTER ZERO IF I	NO PAYMENT WILL B	E MADE.ESTIMATE	THE VALUE OF IN				NOOTEN		
		CODES FO	R UNIT:				. EXCLUDE PAYMEN								
		KILOGRAM					SE PAID AS RENT. IF								
							RENT, INCLUDE AS SOTHER THAN THE								
		PAIL (LA	RGE) 5			VALUE OF CROP	S OTHER THAN THE	ONE RECORDED II	N QUESTION TO.						
~		NO. 10 P	LATE6												
퓚). 12 PLATE7 NCH8 ECE9CART12												Cultivated1 >> END OF MODULE
≧			. 12 PLATE 7 NCH 8 ECE 9 -CART 12 HER												Rented out2
IZ I		OX-CART.	ICH												Gave out
		OTHER	10 PLATE6 12 PLATE7 CH8 CE9 CART12 ER ECIFY)13			ALRE	ADY PAID	FUTURE F	PAYMENTS						for free3 >> END OF MODULE Fallow4 >> END OF MODULE
≿		(SIECIII	USMALL) 4 USUNSHELLED 2 (LARGE) 5 NOTAPPLICABLE 3 10 PLATE 6 12 PLATE 7 18 E 9 2ART 12 2R 2CIFY) 13							Rainy Season1					Forest /
Ē			OGRAM			CASH	IN-KIND	CASH	IN-KIND	Full Year (Rainy & Dimba Seasons)2	NWID	NWID	HH	HH	Woodlot5 >> END OF MODULE Pasture6 >> END OF MODULE
Α			OGRAM. 1 CODE FOR S/U: KG BAG. 2 S:SHELLED 1 L (SMALL) 4 U:UNSHELLED 2 L (LARGE) 5 NOTAPPLICABLE. 3 10 FLATE 6 12 FLATE 7 CH. 8 CE. 9 CART 12 ER ECIFY) 13							Other (Specify)3	CODE #1	CODE #2	ROSTER ID CODE	ROSTER ID CODE	Other
DATA ENTRY LINE NUMBER		CROP	CODE FOR S/U:			MK	MK	MK	MK		**	#2	#1	#2	(Specify)7 >> END OF MODULE
		TYPE	CODE FOR S/U: KG BAG. 2 S: SHELLED. 1 L (SMALL) 4 U:UNSHELLED. 2 LL (LARGE) 5 NOTAPPLICABLE. 3 10 PLATE. 6 12 PLATE. 7 NCH. 8 NCE. 9 CCART. 12 LER PECIFY) 13			l.									
1			VEN AS RENT, AND CONTINUE TO 11. IF MOI TWO CROPS WILL BE PAID, ASK ABOUT TH CROP. DES FOR UNIT: LOGRAM 1 KG BAG 2 IL (SMALL) . 4 U.UNSHELLED 2 IL (LARGE) . 5 NOTAPPLICABLE . 3 - 10 PLATE 6 - 12 PLATE 7 NCH 8 ECE 9 - CART 12 HER PECIFY) 13 ROP QUANTITY UNIT S/U												
\vdash			ITWO CROPS WILL BE PAID, ASK ABOUT TH CROP. DES FOR UNIT: LIGGRAM								1				
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AG-MODULE I_2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

RENTED OUT

2.16 2.16			KENTEDO																	
1 1 1 1 1 1 1 1 1 1	1	I_2_15	I_2_16				1_2_17		I_2_18				I_2_19	win much did you already receive from rentic ARDEN] in the [REFERENCE DIMBA SE/ ITER ZERO IF NOTHING HAS BEEN RECEIVE ITIMATE THE VALUE OF IN-KIND RECEIPTS. OW much are you still supposed to receive full this [GARDEN] in the [REFERENCE DIMICASON]? ITER ZERO IF NOTHING WILL BE RECEIVED BE VALUE OF IN-KIND RECEIPTS. EXCLUDE FUR OUTPUT IF ONE TYPE OF CROP IS TO ICEIVED AS RENT. IF MORE THAN ONE TYPE OF CROP AS TENT.						
1 1 1 1 1 1 1 1 1 1	GARDEN	ENUMERATOR:	How much o	utput from this IG	ARDEN] did	How much did vou	receive from	How much o	utput from this IG	ARDEN] are	How much did	d you already re	eceive from re	nting out this				
No. 1	-					-														
SECTIONAL NUMBER SECTIONAL NUMBER SERVICE PROBLEM SERVICE PROBL	ال ا												[0/110214] 111	[112] -112	DINIDA C	_, .0014].				
MOUSEHOLD WAS RECEIVED AS REATH ARE CONTINUED RECEIVED AS REATH RECEIVED AS RE	1		IVELEKENC	E DIMBA SEAS	JIN] (IVEL FIVENCE DIN	ADA OLAGON]!		LINGE DIIVIDA SE	AGOIN	iality	ENTED ZEDO	IE NOTHING !!A	C DEEN DECT	VED				
BATER ZREO FRO GUNATITY ROUTING RECEIVED A SREAT AND CONTINUE RECEIVED A SREAT ROUTING RO	1						ENTED 7500 /5 ::0	TUNO WAA	season?											
No.	1												ESTIMATE TH	E VALUE OF IN-	KIND RECEIPT	S.				
No. 12 1 1 1 1 1 1 1 1 1			WAS RECEIV	ED AS RENT, AND	CONTIN	IUE TO			ENTER ZERO	FOR "QUANTITY"	IF NO O	UTPUT								
No.			17. IF MORE 1	THAN TWO CROPS	WILL B	E							How much ar	e you still supp	osed to receiv	e from renting				
No.			RECEIVED A	SK ABOUT THE M	AINI CRO	P		O BE RECEIVED					out this IGAR	DEN1 in the IR	EFERENCE D	IMBA				
No.			KLOLIVED, K	OKADOOT THE IM	Till Cito	٠.	AS RENT.				_,									
No.									THE WAIN CR	.UP.			OL/(OOM).							
No.							ESTIMATE THE VAL	UE OF IN-KIND					ENTER ZERO	IE NOTHING WI	LL BE RECEIVE	D ESTIMATE				
No. 10 1 1 1 1 1 1 1 1			CODES FOR	UNIT:	OB 6/11		RECEIPTS. IF MORE	THAN ONE TYPE	CODES FOR U	UNIT:	OB 6/11.									
PATE (SMALE)			KILOGRAM	1 CODE F	LED	1	OF CROP WAS REC	EIVED AS RENT,	KILOGRAM	1 CODE F	LED	1								
PATE (LARGE) 5 NOTAPPELCABLE.3 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 6 OTHER THAN THE ORDER OF CROPTS No. 10 PLATE 6 OTHER THAN THE ORDER OF CROPTS No. 10 PLATE 6 OTHER THAN THE ORDER OF CROPTS No. 10 PLATE 6 OTHER THAN THE ORDER OF CROPTS No. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THAN THE ORDER OF CROPTS NO. 10 PLATE 7 OTHER THA			50 KG BAG.	2 S.SHED	ELLED	2			50 KG BAG.	2 3.3neb	ELLED	2								
No. 10 LATEL 5 NO. 12 LATEL 7 BINCH 8 FIECE 9 OFFICE			PAIL (SMAL	L)4 U.UNDII	LICABLE	. 3	RECEIPTS THE VAL	UE OF CROPS	PAIL (SMAL	L)4 U.UNDII	LICABLE	. 3								
No. 12 PLATE7 SUNCH																				
1 1	E							5.11E 11E 0 0 11 D E D 11 1								HAN THE ONE				
1 1	8	I					QUESTON 10.						RECORDED IN	QUESTION 18.						
1 1	5	I					/THEN >> END	OE MODULE)												
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1 1	7		(SPECIFY).	13					(SPECIFY).	13			ALREADY	RECEIVED	TO BE R	ECEIVED				
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1 1	5						CASH	IN-KIND					CASH	IN-KIND	CASH	IN-KIND				
1 1	<u>"</u>	VPC 1																		
1 1	E I		CROP TYPE	OHANTITY	LINIT	\$/11	MK	MK	CROP TYPE	OHANTITY	LINIT	9/11	MK	MK	MK	MK				
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HOURS MINUTES

AG-M	ODULE J: PLOT	ROSTER - DRY (DI	MBA) SEASON														
ENUM	ERATOR: RECORD S	TART DATE & TIME FOR	R MODULE N:	DAY	MONT	TH HOU	RS MINU	UTES									
		HE ID CODES FOR ALL MODULES B_1 &	-														
TABL E A	A <u>PLOT</u> IS DEFINED A <u>PLOT</u> MUST BE <u>C</u>	AS A CONTINUOUS PII ONTINUOUS AND SHO	ECE OF LAND ON	WHICH A L	UNIQUE C	ROP OR A N	IIXTURE	OF (PATH WIDE ENOUGH TO FIT AN CROPS IS GROWN, UNDER A U N WIDTH. PLOT BOUNDARIES A Ed during the [REFERENCE	NIFORM, COM	ISISTENT CRO	P MANAGEMEN	IT SYSTEM.				
	J02	J03	J03 2	J04					<u> </u>	J05					J06	J06 1	J07
PLOT	PLOT NAME	LOCATION &	RECORD IHS4		he area	of this [PLO]	Π?				OR: RECORD	THE COORDINA	TES FOR THE CORN	ER OF THE	ENUMERATOR:	_	ENUMERATOR: RECORD THE
ID	-	DESCRIPTION	GARDEN ID OF THE GARDEN THAT THE PLOT IS A PART OF. CONSULT THE LIST OF	ENUMERA MEASURE REMAININ GPS AT L	ATOR: AS E THE AR NG MODU LEAST TW	SK THE FARM EA WITH TH JLES. MAKE S VICE TO GET THE DECIM CODES	MER TO E GPS E SURE TO	BEFO D ME SISTI	1	PLOT AT W. IF YOU DID REASON. CODES LONG ILONG ILONG I	NOT RECORD FOR REASON: USTANCE WITH USTANCE OUTS	THE GPS COOL IN THIS DIST SIDE THIS DIST			RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	TOR: RECORD GPS ACCURACY	WEATHER CONDITIONS AT TIME OF MEASUREMENT CODES FOR CONDITION Clear/Sunny
			GARDENS			SQUAR	E METER	RS	3								Partly Sunny3 Mostly Cloudy /
			ABOVE.				(SPECI										Considerable Cloudiness4
						a.			b.						1		Completely Cloudy5
						R ESTIMATION			GPS MEASURE		a.		b.				Rainy6
					AREA	١		UNIT	AREA IN ACRES	LA	TITUDE (S)	į i	ONGITUDE (E)	REASON			
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D02										0			o 				
D03										0			0				
D04										0			<u> </u>	_			
D05						<u></u>											
D06											!			_			
D07										o 			° 				
D08						<u></u>				o 			<u> </u>				
													ENUMERATOR: RI PRIMARY RESPOI ID FOR MODULE N	IDENT	REC END	MERATOR: ORD TIME MODULE N:	HOURS MINITES

AG-MODULE K: PLOT DETAILS - DRY (DIMBA) SEASON

6

NOTE: THIS MODULE ADMINISTERED IN VISIT 2 FOR PANEL HOUSEHOLDS

ENUMERATOR: RECORD START DATE & TIME FOR MODULE K:

DAY	MONTH	HOURS	MINUTES	

ENUMERATOR: ASK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C, TABLE A & AG-MODULE J, TABLE A. GO THROUGH THE ENTIRE MODULE ONE PLOT AT A TIME.

PLOT CHARACTERISTICS K02 K02_1 K02_2 K15 K21 K23 K24 K25 K26 K26_1 ENUMERATOR: During the IREFERENCE PLOT Who in the Are there other Who are the other ENUMER-What crops were planted on this What is the What is How would you rate What are the What type of erosion When was the WAS THIS PLOT ID household household decision makers on ATOR-DIMBA SEASON], is this [PLOT] during the [REFERENCE predominant soil the soil the extent of erosion causes of control/water harvesting investment in ON A RAINY RECORD DIMBA SEASON]? makes the the [PLOT]? [PLOT]... type of this [PLOT]? on this [PLOT]? [STRUCTURE] members that the quality of these erosion facilities are on this SEASON THE ID OI ENUMERATOR: decisions primary decision [PLOT]? problems? [PLOT]? made? GARDEN? THE REFER TO CROP CODES AT THE READ ANSWERS READ ANSWERS COPY FROM AG maker consults LIST UP TO 2 READ ANSWERS concerning RESPON-HOUSEHOLD END OF THE QUESTIONNAIRE. MODULE J. crops to be regarding crop READ READ READ ANSWERS REFER TO THE DENT. MEMBERS FROM LIST ALL CROPS IN ORDER OF ANSWERS ANSWERS LIST UP TO 2 planted, input choice, input use GARDEN ID IN IMPORTANCE, STARTING WITH HOUSEHOLD use and the and timing of AG_MODULE LIST ROSTER THE MOST IMPORTANT CROP. LIST UP TO 2 cropping activities LIST UP TO TWO timing of FROM DO NOT LIST CASSAVA, TEA, STRUCTURES. IF NONE, cropping on this [PLOT]? HOUSE-COFFEE OR ANY FRUITS. RECORD "1" IN BOTH >> IF THE GARDEN activities on HOLD 26_2 No erosion ASSOCIATED this [PLOT]? ROSTER During last 12 WITH THE PLOT control.....1 months..... vears ago....2 HAS A PREFIX THIS DOES Terraces.....2 DATA ENTRY LINE NUMBER years ago.... Erosion control "RG", SELECT NOT NEED TO Sandv bunds.....3 years ago....4 (Mchenga)....1 "YES" CORRESPOND Cultivated..1 >> 21 Gabions / years ago....5 Loam Between Rented out..2 TO THE Terrain....1 Sandbags.....4 More than 5 sandv Gave out OWNER Vetiver grass...5 Tree belts.....6 years ago.....6 & clay (Pakati Flooding...2 for free....3 >> 22 Vind.....3 pa mchenga ndi Fallow.....4 >> 22 katondo).....2 Animals....4 Forest / bunds.....7 (THEN >> 027) ther Woodlot....5 >> 36 (Katondo)....3 Specify)..5 Drainage Pasture....6 >> 36 ood...1 Erosion..1 >> 26 ditches.....8 ROSTER YES..1 ROSTER ROSTER ROSTER)ther Other Fair...2 Low....2 (Specify)....4 YES...1>>36 ID CODE NO...2 >> 3 ID CODE ID CODE ID CODE (Specify)...7 >> 36 Poor...3 Moderate.3 2ND NO...2 #1 #2 1st 2nd 3rd 4th

	K26_2		K27	K28	K29		K30	K31	K32	K33	K34	K35		K36
	What are the	main	What is the slope	Is this [PLOT]	What syste	ms of	What is the method	What is the source	ENUMERATOR:	What was the	For how many	Why was this	s [PLOT] left	ENUMERATOR:
	reasons you		of this [PLOT]?					of water on this	REFER TO	most recent year	vears was it left	fallow?		WAS THIS PLOT
	 invested in s			?	this [PLOT]			[PLOT]?	QUESTION 15. WAS	in which this	fallow?			CULTIVATED
	water consei		READ ANSWERS						THIS PLOT LEFT	[PLOT] was left		LIST UP TO 2		DURING THE
	structures or				READ ANSV	VERS	READ ANSWERS	READ ANSWERS	FALLOW DURING	fallow?				[REFERENCE
	owned and/o								THE [REFERENCE					DIMBA SEASON]?
	by the house				LIST UP TO	2			DIMBA SEASON]?	IF NEVER RECORD				DINIDA SEASONJ?
	-,									ZERO.				
					Divert					IF DON'T KNOW,		Good for	_	
	Requires to	ao muah			stream					RECORD DK .		land Lack of	.1	
	labor				Bucket Hand	2				IE NEVED OD		non-labou	r	
	Materials n	not			pump	3				IF NEVER OR DON'T KNOW (DK),		inputs		
≃	available.				Treadle	5				>> 36.		Lack of		
1 111	Materials t				pump	4				<i>>></i> 30.		household labour		
ΙŞ	No soil or				Motor pump	-	Watering can1					Lack of		
=	erosion pro				Gravity		Hose	Well1				hired		
lΨ	any		Flat1		Rainfed/N	0	pipe2	Borehole2				labour	. 4	
	plots Too risky/h		Slight slope2		irrigatio	n7>>32	Sprinkler3 Drip	Lake / Pond3				Lack of equipment	5	
Z	unclear		Moderate		Other (Specify)	0	irrigation4	River /				Lack of		
눌	Other		slope3		(Specify)		Flooding5	Stream4				credit	.6	YES1
DATA ENTRY LINE NUMBER	(Specify).	6	Steep,	YES1			Other	Other	YES1>> 34			Other (Specify)	7	NO2 >>
1 🖰	1ST	2ND	hilly4	NO2	1ST	2ND	(Specify)6	(Specify)5	NO2	YEAR [4-DIGIT]	NUMBER OF	1ST	2ND	NEXT ROW
Δ	131	ZND			131	ZND				TEAR [4-DIGIT]	YEARS	131	ZIVD	
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			ORGANIC FE	RTILIZER		INORGANIC	FERTIL	IZER											PESTICIDES/HERBICIDES
DATA ENTRY LINE NUMBER	ID	K36_1. In what month did you finish planting this [PLOT]? Did you finish planting this [PLOT] in the first or second half of the month? RECORD MONTH AND WITHIN MONTH TIMING CODES FOR MONTH: JANUARY1 FEBRUARY2 MARCH3 APRIL4 MAY5 JUNE5 JUNE6 JULY7 AUGUST8 SEPTEMBER9 OCTOBER10 NOVEMBER11	K37 Did you use any organic fertilizer on this [PLOT] during the [REFERENCE DIMBA SEASON]? ANIMAL MANURE, COMPOST, GREEN MANURE	did you appl [PLOT]? USE THE SA	ME UNIT FOR R UNIT:	K39 Did you use any inorganic fertilizer on this [PLOT] during the [REFERENC E DIMBA SEASON]?	IF TWO FERTIL FOR "Q	TYPES OF F IZER IN THE (UANTITY." any weeks al g did you finis CODES F 23:21:C DAP CAN UREA	ERTILIZ COLUM iter plan sh the 2 COR TYM 0+4S/CM	N FOR "TYPE", BU nting did you finish end fertilizer applich	IN A GIVEN A T NOTE THE	PPLICATEUM OF SUM OF SU	BOTH TYPES blication on the REFER TO	OF FE	CODE FOR THE M. RTILIZER IN THE C DT]? How many w ION 29_1.	COLUMN	K40_1 How many complete weedings did you do on this [PLOT]? IF NONE >> 41	K40_2 How many weeks after planting did you finish the 1st weeding on this [PLOT]?	K41 Did you use any pesticides/ herbicides on this [PLOT] during the [REFERENCE DIMBA SEASON]?
DATA ENTRY		DECEMBER, .12 CODES FOR WITHIN MONTH TIMING; IST HALF1 2ND HALF2 MONTH WITHIN MONTH TIMING	YES1 NO2 >>39	WHEELBARI OX CART. OTHER (SPECIFY)	ROW.11 12	YES1 NO2 >> 41	TYPE			C FERTILIZER PPLICATION ENUMERATOR: TOTAL KGS	NUMBER OF WEEKS	TYPE			C FERTILIZER APPLICATION ENUMERATOR: TOTAL KGS	NUMBER OF WEEKS	NUMBER OF WEEDINGS	NUMBER OF WEEKS	YES1 NO2 >> 43
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			

HOUSEHOLD LABOUR K43 During the [REFERENCE DIMBA SEASON], please list for me the household members that worked on this [PLOT] for land preparation and/or planting. PLOT How much pesticides/ herbicides did you apply to this [PLOT]? ID FOR PESTICIDES/HERBICIDES THAT WERE DISSOLVED IN WATER/OTHER RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER. SOLUTION, RECORD THE QUANTITY OF PESTICIDES/HERBICIDES IN LIQUID IF NO ONE ENGAGED IN LAND PREPARATION AND/OR PLANTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 44. IF MORE THAN FOUR MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING, USE ANOTHER QUESTIONNAIRE. How many weeks did each household member work? CODES FOR TYPE: INSECTICIDE.....7 During those weeks, approximately how many days did each household member work per week? HERBICIDE.....8 FUNGICIDE.....9 During those days, approximately how many hours did each household member work per day? FUMIGANT.....10 OTHER PESTICIDE/ HERBICIDE (SPECIFY) ..11 DATA ENTRY LINE NUMBER CODES FOR UNIT: LITER.....8 MILLILITER.....9 OTHER (SPECIFY)....13 LAND PREPARATION AND PLANTING PESTICIDES/ PESTICIDES/ HERBICIDES # 1 HERBICIDES # 2 ROSTER WEEK DAY ROSTER WEEK DAY ROSTER WEEK DAY ROSTER WEEK DAY ID CODE #2 ID ID TYPE QUANTITY TYPE QUANTITY CODE # CODE #3 CODE #4

DATA ENTRY LINE NUMBER	ID	fertilizing and/or any other non-harvest activity. RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER. IF NO ONE ENGAGED IN WEEDING, FERTILIZING AND/OR ANY OTHER NON-HARVEST ACTIVITY, RECORD ZEICOLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 45. IF MORE THAN FOUR MEMBERS ENGAGED IN OR ANY OTHER NON-HARVEST ACTIVITY, USE ANOTHER QUESTIONNAIRE. How many weeks did each household member work? During those weeks, approximately how many days did each household member work per week? During those days, approximately how many hours did each household member work per day? WEEDING/FERTILIZING/ OTHER NON-HARVEST ACTIVITY												RO IN	ALL	K45 During the harvesting RECORI IF NO OCONTING How man During the During the harvesting the har	ng. D THE I NE ENC IUE TO ny week	D CODI GAGED 46. IF M as did ea eks, app	ES FRO IN HAR IORE TI ach hous	VESTING HAN FO sehold m	HOUSE G, REC UR MEI ember v	HOLD R ORD ZE MBERS work? ays did	ROSTER ERO IN A ENGAG each ho	R. ALL CO BED IN H	LUMNS HARVES	DESIGN STING, U	NATED I ISE ANI er week	FOR "W OTHER	EEKS" /	AND			
₩																									HARVE	STING							
DATA ENTI		ROSTER ID	WEEKS			ROSTER ID	WEEKS	DAYS /	HOURS	HH ROSTER ID				ROSTER ID	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTE R ID CODE	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTE R ID CODE	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTE R ID CODE	WEEKS	DAYS / WEEK	
1																																	
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	

AG-MODULE K: PLOT DETAILS - DRY (DIMBA) SEASON (CONTINUED)

	н	IRED LABO	DUR									EXCHANGE	FREE LABO	OUR			
ID	tyr IF W IF Hd	pes of active NONE, RE /hat was the LABOR W ow much cr	ities? CORD ZERO IN ALL of average daily wage p AS HIRED FOR MORI op did you give in total WAS GIVEN AS PAYI CODES FOR UNI KILOGRAM 50 KG BAG	COLUMNS DE aid to men / w E THAN ONC! to all workers MENT, RECO	many days did you hire ESIGNATED FOR "DAY omen / children hired for E FOR DIFFERENT AC hired for any and all ty, RD ZERO IN COLUMN LARGE) 5 PIECE PLATE 6 OX-CART PLATE 6 OX-CART PLATE 7 OTHER ('S" AND CON or any and all t TIVITIES, AID to so of acitivite FOR "QUAN9	TINUE TO 47. ypes of activities? THE RESPONDENT II	N COMPUT	·	. ,		[PLOT] for an activities, sur planting, ridg fertilizing, fre labourers or return?	ow many day ildren (<15 yo buseholds wo ny and all typich as land projing, weeding e of charge, a	s did men, ears of age) ork on this es of eparation, and as exchange nothing in	exchange/fi on [THIS PI types of ac	e household (ree labour co .OT] for <u>any</u> ttivities?	me to work and all
			CODE FOR S/U:	BUNCH.	HELLED2 NOT APP										(THEN	>> NEXT RO	OW)
	-	MEN	AVG. DAILY	WOMEN	AVG. DAILY	L ACTIVITIES CHILDREN	AVG. DAILY		TOTAL PAYM	ENT		MEN	WOMEN	S CHILDREN	NETWORK	NETWORK	NETWORI
	-	NUMBER	WAGE FOR MEN	NUMBER	WAGE FOR WOMEN MK	NUMBER	WAGE FOR CHILDREN MK	TYPE	BY CROP		S/U	NUMBER	NUMBER	NUMBER	ROSTER ID CODE #1	ROSTER ID CODE #2	ROSTER ID CODE #3
5	<u> </u>	OF DAYS		OF DAYS		OF DAYS						OF DAYS	OF DAYS	OF DAYS	#1	#2	#3
2																	
3																	
5																	
3																	
,																	
	1			ı		1				PRI		OR: RECORD ESPONDENT DULE K:	REC	JMERATOR: CORD D TIME R MODULE K:	HOU	RS MINUTES	

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON ENUMERATOR: RECORD START DATE & TIME FOR MODULE L: NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2. MONTH HOURS MINUTES L-0. ENUMERATOR: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD? 2015...1 2016...2 ENUMERATOR: FIRST, FILL THE FIRST TWO COLUMNS & QUESTIONS 1 & 2. THEN, GO THROUGH THE ENTIRE MODULE (STARTING WITH Q. 3) FOR EACH ROW, ONE ROW AT A TIME. L03 L0A. Did you or INPUT TYPE INPUT **ENUMERATOR:** FOR ROW 101, ORGANIC FERTILIZER ENUMERATOR: ASK During the (MANURE), ENTER THE TOTAL QUANTITY, AS REPORTED IN THE FARMER anyone in your TYPE [REFERENCE NAME MODULE L QUESTION 38. WHETHER THE household DIMBA CODE FIGURES FROM cultivate any SEASON], did FOR ROWS 102-105, ENTER THE TOTAL KGs USED FOR EACH QUESTION 1 all of this plots during the **ENUMERATOR:** FOR ROW 101, ORGANIC FERTILIZER TYPE OF INORGANIC FERTILIZER, AND CHECK THAT THE CORRESPOND TO IREFERENCE (MANURE), NO INPUT TYPE CODE IS NECESSARY. [INPUT] come TOTAL KGs REPORTED HERE IN THIS QUESTION FOR ALL THE AMOUNT OF DIMBA from purchases FERTILIZERS MATCHES THE TOTAL KGs REPORTED IN EACH TYPE OF FOR ROWS 102-105, REFER TO THE INPUT TYPE SEASON]? by using MODULE L QUESTION 40 OVER BOTH APPLICATIONS AND INPUT USED CODES OF THE INORGANIC FERTILIZERS USED ON ALL PLOTS. DURING THE coupons / THE PLOTS, AS REPORTED IN MODULE L QUESTION IREFERENCE DIMBA vouchers? FOR ROWS 106-109, ENTER THE TOTAL AMOUNT USED FOR SEASON]. EACH TYPE OF PESTICIDES/HERBICIDES OVER ALL PLOTS. IF THE FARMER HAS MIXED TWO OR MORE AS REPORTED IN MODULE L QUESTION 42. FERTILIZERS IN ANY OF THE APPLICATIONS, YOU MUST LIST THE CODES OF ALL TYPES OF FERTILIZERS USED, EVEN THOUGH THERE MAY NOT YES..1 ALL BE LISTED IN QUESTION 40. NO...2>> CODES FOR UNIT: YES, THE BUCKET.....10 NEXT GRAM....1 FIGURES FOR ROWS 106-109. REFER TO THE INPUT TYPE WHEELBARROW.11 KILOGRAM....2 MODULE MATCHED...1 CODES OF THE PESTICIDES/ HERBICIDES USED ON OX CART....12 LITER.....8 THE PLOTS, AS REPORTED IN MODULE L QUESTION MILLILITER...9 OTHER (SPECIFY)...13 NO. THE YES..1 >>NEXT ENTRIES IN ROW MODULE K, AND NO...2 QUESTION 1 OF MODULE L WERE QUANTITY UNIT ADJUSTED..2 ORGANIC FERTILIZER ORGANIC FERTILIZER 101 INORGANIC FERTILIZER TYPE # 1 102 NORGANIC FERTILIZER TYPE # 2 103 NORGANIC FERTILIZER TYPE #3 104 INORGANIC FERTILIZER TYPE # 4 105 PESTICIDES/HERBICIDES TYPE # 1 106 PESTICIDES/HERBICIDES TYPE # 2 107 PESTICIDES/HERBICIDES TYPE # 3 108 PESTICIDES/HERBICIDES TYPE # 4 109

109

COMMERCIAL [INPUT] PURCHASES L05 L08 L10 INPUT TYPE **INPUT TYPE** During the ENUMERATOR: Who/Which firms/institutions | How much of the [INPUT] was What was the main How much did you What was the value IS THIS A REFERENCE NAME CODE were the sources of the purchased without coupons / mode of transportation of all of the [INPUT] pay for CROSS-DIMBA [INPUT] that you purchased vouchers or purchased on credit used to bring back all transportation to that you purchased SECTIONAL SEASON], did without coupons / vouchers during the [REFERENCE DIMBA of the input that you acquire all of the without coupons / HOUSEHOLD? SEASON]? [INPUT] that you you purchase or purchased on credit purchased without vouchers or any [INPUT] during the IREFERENCE RECORD TOTAL QUANTITY. coupons / vouchers or purchased without purchased on credit without coupons/ DIMBA SEASON]? REGARDLESS OF SOURCE. purchased on credit coupons / vouchers during the vouchers or during the or purchased on [REFERENCE LIST UP TO 2 FROM DIMBA SEASON]? purchase any [REFERENCE DIMBA credit during the NETWORK ROSTER [INPUT] on SEASON1? **IREFERENCE** credit? CODES FOR UNIT: DIMBA SEASON]? GRAM....1 READ RESPONSES KILOGRAM....2 INCLUDE ALL TRIPS 2 KG BAG....3 FROM AND BACK 3 KG BAG....4 TO THE FARM. 5 KG BAG....5 10 KG BAG....6 On Foot.....1 50 KG BAG....7 Bicycle Taxi....2 LITER.....8 Own Bicycle or COPY INPUT TYPE NAME MILLILITER...9 Oxcart.....3 BUCKET.....10 & INPUT TYPE CODE Truck / Bus WHEELBARROW.11 FROM PREVIOUS PAGE. / Minibus.....4 OX CART....12 Other OTHER (SPECIFY)...13 YES..1 YES..1 (Specify).....5 NO...2>>37 NO...2>>15 NETWORK **NETWORK** QUANTITY ROSTER ROSTER UNIT MK MK ID CODE #1 ID CODE # 2 ORGANIC FERTILIZER 102 103 104 105 106 107 108

								1ST SOURCE O	F COMMERCIAL	[INP	UT]
	INPUT TYPE NAME	INPUT TYPE CODE	L11 How did you finance this [INPUT] purchase? READ RESPONSES	L12 How much did you pay up-front for this [INPUT] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING, RECORD ZERO.		L14 What was the credit for the [purchase? LIST UP TO 2 INETWORK RC (THEN>>37)	[INPUT]	L15 Who/Which firm/ institution was the FIRST SOURCE of the [INPUT] that you purchased	L16 How much of the [II was purchased with coupons / vouchers purchased on credi [FIRST SOURCE] of the coupons	NPUT] nout s or t from during DIMBA	What was the main mode of transportation used to bring back the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE DIMBA SEASON]?
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part on credit3	MK	MK	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	LIST FROM NETWORK ROSTER NETWORK ROSTER ID CODE	3 KG BAG	UNIT	On Foot1 Bicycle Taxi2 Own Bicycle or Oxcart3 Truck / Bus / Minibus4 Other (Specify)5
101	ORGANIC FERTILIZER	$>\!\!<$									
102											
103											
104											
105											
106											
107											
108											
109											

		L18	L19	L20	L21	L22	L23	L24
INPUT TYPE	INPUT TYPE	How much did	What was the value of the	How did you finance	How much did you	How much did		Was there a
NAME	CODE		[INPUT] that you purchased	this [INPUT] purchase		you repay/will		SECOND SOURCE
			without coupons / vouchers or	from [FIRST	this [INPUT]	you repay?	for this [INPUT]	from whom you
			purchased on credit from	SOURCE]?	purchase?		purchase?	purchased any of
		[INPUT] that you	[FIRST SOURCE] during the			INCLUDE		the [INPUT] without
			[REFERENCE DIMBA	READ RESPONSES		CASH	LIST FROM	coupons / vouchers
		without coupons /	SEASON]?		PAYMENTS AND ESTIMATED VALUE	PAYMENTS	NETWORK	or on credit during
		vouchers or			OF IN-KIND	ESTIMATED	ROSTER	the [REFERENCE
		purchased on			PAYMENTS.	VALUE OF IN-		DIMBA SEASON]?
		credit from				KIND		
		[FIRST			IF NOTHING,	PAYMENTS.		
		SOURCE] during			RECORD ZERO.			
		the						
		[REFERENCE DIMBA						
		SEASON]?		Paid in full,				
	COPY INPUT TYPE NAME & INPUT TYPE CODE	INCLUDE ALL		with own-savings1>>24				
		TRIPS FROM AND		Received on				
		BACK TO THE		credit2				
THOI THEVIOUS THOE		FARM.		Part own-savings,				
				part				YES1
				on credit3			NETWORK	NO2>>37
		MK	мк		MK	MK	ROSTER	
							ID CODE	
		1			1	I		
ORGANIC FERTILIZER	\rightarrow							
01(0) 11 110 1 21(112)								
							1	
						 		
							<u> </u>	

		2ND SOURCE OF	COMMER	CIAL [INP							
		L25	L26		L27	L28	L29	L30	L31	L32	L33
COPY INPUT TYPE N. & INPUT TYPE ODE FROM PREVIOUS PAG	CODE	Who/Which firm/ institution was the SECOND SOURCE of the [INPUT] that you purchased without coupons / vouchers or purchased on	How much o [INPUT] was without coup vouchers or on credit fror [SECOND S	spurchased ons / purchased ons / purchased m OURCE] CE DIMBA UNIT:12345678 R910 OW.1112	What was the main mode of transportation used to bring back the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE DIMBA SEASON]? READ RESPONSES On Foot	How much did you pay for transportation to acquire the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE DIMBA SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	What was the value of the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE DIMBA	How did you finance this [INPUT] purchase from [SECOND SOURCE]? READ RESPONSES Paid in full, with own-savings1>>34 Received on credit2 Part own-savings, part	How much did you <u>pay up-front</u> for this [INPUT] purchase?	How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN- KIND PAYMENTS.	What was the <u>source</u> <u>of credit</u> for this [INPUT] purchase?
		NETWORK ROSTER ID CODE	QUANTITY	UNIT		мк	MK	on credit3	MK	MK	NETWORK ROSTER ID CODE
ORGANIC FERTILIZER											

_			3RD SOURCE C	F COMME	RCIAL [INPUT]	FREE [INPUT]					
		L34	L35	L36		L37	L38		L39		L40
INPUT TYPE	INPUT TYPE	Was there a	Who/Which firm/		f the [INPUT] was	Did you receive any	How much o		During the		How much did you
NAME	CODE	THIRD SOURCE	institution was the		rithout coupons /	of the [INPUT] for	[INPUT] did		[REFEREN		pay for transportation
		from whom you purchased any of	THIRD SOURCE		purchased on [FHIRD SOURCE]	free during the [REFERENCE	in total for fre the [REFERI		SEASON], i		in total to acquire all of the [INPUT] that
		the [INPUT]	that you	during the [R		DIMBA SEASON]?	DIMBA SEA		the [INPUT]		you received for free
		without coupons /	purchased without			DINDA OLAGON]:	DIIVID/ COL/ (0011	uic [iivi O1]	ioi iico:	during the
		vouchers or on	coupons /			EXCLUDE ORGANIC			LIST UP TO	2 FROM	REFERENCE
		credit during the	vouchers or			FERTILIZER OUT OF			NETWORK F	ROSTER	DIMBA SEASON]?
		[REFERENCE	purchased on	CODES FOR	IINITT.	OWN-PRODUCTION OR ANY [INPUT] LEFT	CODES FO	R UNIT:			
		DIMBA	credit during the	GRAM		OVER FROM	GRAM	1			INCLUDE ALL TRIPS FROM AND BACK TO
		SEASON]?	[REFERENCE DIMBA	KILOGRAM.		PREVIOUS SEASON.	KILOGRAM 2 KG BAG				THE FARM.
			SEASON]?	2 KG BAG. 3 KG BAG.			3 KG BAG				
	1	1	OL/NOON]:	5 KG BAG.			5 KG BAG 10 KG BA				
			LIST FROM	10 KG BAG 50 KG BAG			50 KG BA				
			NETWORK ROSTER	LITER	8		LITER				
			ROSTER	MILLILITE BUCKET			MILLILIT: BUCKET				
COPY INPUT TYPE NA	AME			WHEELBARR			WHEELBAR	ROW.11			
& INPUT TYPE CODE FROM PREVIOUS PAGE	-			OX CART	12		OX CART. OTHER	12			
FROM FREVIOUS FAGI				(SPECIFY)	13		(SPECIFY)13			
		Yes1 No2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT	Yes1 No2>>41	QUANTITY	UNIT	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	мк
ORGANIC FERTILIZER											
	1	Į.							I	l .	l

		LEFT-OVER [I	NPUT]		OWN-PRODUCED OF	GANIC FERTILIZE	R
INPUT TYPE NAME	INPUT TYPE CODE	Was any of the [INPUT] that you used during the [REFERENCE DIMBA	L42 How much o [INPUT] that during the [REFERENC SEASON]wafrom a previous of the control of the	you used CE DIMBA as left over	L43 Did you use any ORGANIC FERTILIZER out of own-production or own animals during the [REFERENCE DIMBA SEASON]?	L44 How much of the OR was used out of own- animals during the [R SEASON]?	production or own
COPY INPUT TYPE N & INPUT TYPE CODE FROM PREVIOUS PAG		over from a previous season?	CODES FOR GRAM KILOGRAM. 2 KG BAG. 3 KG BAG. 10 KG BAG 50 KG BAG LITER MILLILITE BUCKET WHEELBARR OX CART. OTHER (SPECIFY)	UNIT:12345678 R910 DW.1112		CODES FOR UNIT: GRAM	
		YES1 NO2>>43	QUANTITY	UNIT	YES1 NO2 >> NEXT ROW	QUANTITY	UNIT
ORGANIC FERTILIZER	><						

AG-MODULE M: CROPS - DRY (DIMBA) SEASON

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

ENUMERATOR: RECORD START DATE & TIME FOR MODULE M:

MONTH M-0. ENUMERATOR: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD? 2015...1 2016...2 M0A M0B MOB_1 MOB_2 M02 M03 M04 M05 M06 M01 M0A. Did you ENUMERATOR: PLOT CROP CROP ENUMER-What is the Is the variety Is the When did What type of crop Was the Approximately, How much seed did When did you plant ENUMER-Have you DO NOT LIST ATOR: ATOR: IS CROP1 or anyone in NAME CODE primary variety local or variety you last stand was on the how much of you plant for the the seeds for the completed CASSAVA, TEA, RECORD [CROP] on this [PLOT] your household of [CROP] improved? recyclable buy the [PLOT]? planted in the [PLOT] is [CROP] on this THIS A the harvest plant any crops COFFEE, ANY PRIMARY being CROSSseed you the entire under [CROP]? during the [PLOT] during the of the FRUITS. RESPON-SECTIONAL during the cultivated on planted on READ RESPONSES area of the IREFERENCE DIMBA IREFERENCE [CROP] DENT ID HOUSE-REFERENCE this [PLOT]? this plot? READ SEASON]? DIMBA SEASON]? from this ASK THE HOLD? [PLOT]? RESPONSES DIMBA [PLOT]? FOLLOWING SEASONI? **ENUMERATOR** ABOUT ALL THIS IS ONLY TYPES OF ASKED FOR CROPS PLANTED SPECIFIC IN THE PLOTS CODES FOR CROPS. CULTIVATED Pure Stand/ Sole CODES FOR MONTH: DURING THE1>>4 UNIT: JANUARY....1 [REFERENCE Less than GRAM.....1 FEBRUARY...2 DIMBA SEASON], 1/4....1 KILOGRAM....2 Strip MARCH....3 EVEN IF THE Intercrop..2 2 KG BAG....3 APRIL....4 1/4....2 3 KG BAG....4 MAY.....5 FARMER WAS 3.7 KG BAG..5 Row Intercrop... JUNE.....6 NOT ABLE TO 1/2.....3 5 KG BAG....6 JULY.....7 HARVEST 10 KG BAG...7 AUGUST....8 Relay YES..1 ANYTHING. Intercrop..4 3/4....4 50 KG BAG...8 SEPTEMBER..9 IO...2>>AG-OTHER OCTOBER...10 MODULE P. YES..1>>9 YES..1>>9 FOR EACH PLOT, Mixed YES...1>>4 More than (SPECIFY)...9 NOVEMBER..11 NO...2 NO...2 LOCAL....1 RECORD THE YES...1 Intercrop..5 NO....2 3/4....5 DECEMBER..12 >>M0B 2 PLOT ID AND LIST NO...2 QUANTITY VARIETY CODE IMPROVED...2 HHID CODE ALL CROPS THAT (4-DIG.) (4-DIG.) WERE PLANTED, BEFORE MOVING TO THE NEXT PLOT. ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW, ONE ROW AT A TIME.

AG-MODULE M: CROPS - DRY (DIMBA) SEASON

			M08			M09	M10		M10_1	M11			M12		M13		
PLOT	CROP	CROP	How much [CROP] will y	ou/	Was the	Why was the a	rea harvested	What was the	How much [CROP] did yo	ou	What were t	he months	Who in th	ie	
ID	NAME	CODE	have harves	ted in total f	rom	area	less than the ar	rea planted?	main disease	harvest from	nthis [PLOT]	during	when the ha	rvest	househol	d makes	
			this [PLOT]	during the		harvested			affecting the	the [REFER	ENCE DIMB	Α	started and	ended?	the decis	ion	
			[REFERENC	CE DIMBA		less than the	READ RESPONS	SES. LIST UP	plants in the	SEASON]?					concerni	ng the	
			SEASON]?			area	TO 2 REASONS		[PLOT]?		EST, RECORE	ZERO			use of the		
			RECORD TO	TAL QUANTI	TY FOR				[· ·]·		ΓΙΤΥ" AND >>				output fro		
			THE SEASOI			piamou.			ENUMERATOR	ROW.					[PLOT]?		
									: ONLY ASK						[1 201].		
			CODES FOR	IINITO.					THIS						LIST UP T	OWO	
			KILOGRAM.						QUESTION IF		FOR UNIT:		CODES FOR		HOUSEH		
			50 KG BAG						DISEASE		RAM		MONTH:		MEMBER		
			PAIL (SMA	LL)4					LISTED AS		BAG (SMALL)		JANUARY		MEMBER	J.	
			PAIL (LAR						REASON IN		(LARGE)		FEBRUARY. MARCH				
			NO. 10 PL						M10.	NO. 1	O PLATE	. 6	APRIL				
			NO. 12 PL BUNCH								2 PLATE		MAY				
			PIECE				Drought	1					JUNE				
			BALE				EFFECTS OF:						JULY				
			OX-CART	12			Fire			OX-CAI	RT1	L2	AUGUST				
			OTHER				Insects				IFY)1	13	SEPTEMBER OCTOBER				
			(SPECIFY)				Animals Crop theft			•			NOVEMBER.				
			CODE FOR S: SHELLE				Diseases			CODE	FOR S/U: ELLED1		DECEMBER.				
			U: UNSHEL			YES1	Lack of hired				SHELLED2				HH	НН	
			NOT APPLI	CABLE.3		NO2>>11	Other (Specif	fy)10			PPLICABLE.3		START	END	ROSTER ID CODE	ROSTER ID CODE	
			QUANTITY	UNIT	S/U	İ	1ST	2ND	DISEASE CODE	QUANTITY	UNIT	S/U	MONTH	MONTH	#1	#2	
							_										
	1	1	1	1	1	ı		<u> </u>	<u> </u>	I	1	<u> </u>	I		ı		
																	ENUMERATOR:
																	RECORD
																	PRIMARY RESPONDENT
																	ID FOR MODULE M:
																	ID
																	ENUMERATOR: RECORD
																	END TIME
																	FOR MODULE M:
									-								
				l		I		l		I	I	I	I		ı		HOURS MINUTES

AG-MODULE N: SEEDS - DRY (DIMBA) SEASON

ENUMERATOR: RECORD START DATE & TIME FOR MODULE N:

Į	MONTH	L	HOURS	MINITES
- 1				
г				

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

N-0. ENUMERATOR: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD?

2015...1 2016...2

	ENUMERATOR: FIRST, FILL					Ī			•			
	THE ENTIRE MODULE (STAF	RTING WITH Q.	3) FOR EACH ROW, O IN01	NE RO	NO2	1100	luo.			AL [SEED]	PURCHASES	
	SEED TYPE NAME CODE ENUMERATOR: REFER TO AG-MODULE M		AG-MODULE M, QUESTION 4. FOR EACH TYPE OF SEED, COMPUTE THE TOTAL AMOUNT PLANTED ACROSS PLOTS CULTIVATED BY THE HOUSEHOLD DURING THE IREFERENCE DIMBA SEASONJ. RECORD THE VALUE HERE. TOR: REFER TO AG-MODULE M, FOR CROP NAME & CROP THESE TWO COLUMNS WITH			DIMBA SEASON], did all of this [SEED] come from purchases by using coupons / vouchers?	N04 During the [REFERENCE DIMBA SEASON], did you purchase any [SEED] without coupons/ vouchers or purchase any [SEED] on credit?	SECTIONAL HOUSEHOLD?	firms/institutio	e [SEED] that d without others or credit during NCE DIMBA		oupons / sed on EFERENCE
	COLUMNS FOR CROP NAME	E & CROP LUMNS WITH F ALL OS PLANTED IG THE	CODES FOR UNITS GRAM1 KILOGRAM2 QUANTITY	UNIT	YES, THE FIGURES MATCHED	YES1>>37 NO2	YES1 NO2>>37	YES1 NO2>>15	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	GRAM	UNIT
201												
202												
203												
204												
205												
206												
207												
208												
209												

	SEED TYPE NAME	SEED TYPE CODE	What was the main mode of transportation used to bring back all of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]?	No9 How much did you pay for transportation to acquire all of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]?	[SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]?	N11 How did you <u>finance</u> this [SEED] purchase? READ RESPONSES	N12 How much did you pay up-front for this [SEED] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN- KIND PAYMENTS. IF NOTHING,	N13 How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN- KIND PAYMENTS.	N14 What was the credit for the purchase? LIST UP TO 2 NETWORK RC	[SEED]
	COPY SEED TYPE N & SEED TYPE CODE FROM PREVIOUS PA		On Foot	INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	мк	Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part	RECORD ZERO.	MK	(THEN>: NETWORK ROSTER ID CODE # 1	>37) NETWORK ROSTER ID CODE # 2
201										
202										
203										
204										
205										
206										
207										
208										
209										

11ST SOURCE OF COMMERCIAL ISEED

			1ST SOURCE OF	COMMENCIAL	PEED					
			N15	N16		N17	N18	N19	N20	N21
	SEED TYPE	SEED TYPE	Who/Which firm/	How much of the [SEED] was	What was the main mode	How much did you pay		How did you finance	How much did
	NAME	CODE	institution was the	purchased without		of transportation used to	for transportation to		this [SEED] purchase	you pay up-front
			FIRST SOURCE of			bring back the [SEED]	acquire the [SEED] that	[SEED] that you		for this [SEED]
			the [SEED] that you	from [FIRST SOU		that you purchased	you purchased without		SOURCE]?	purchase?
				the REFERENCE	DIMBA	without coupons /	coupons / vouchers or	without coupons	DEAD DEODONOEO	INCLUDE CASH
			coupons / vouchers or purchased on	SEASON?		vouchers or purchased on credit_from [FIRST]	from [FIRST SOURCE]	/ vouchers or	READ RESPONSES	PAYMENTS AND
			credit during the			SOURCE] during the	during the	credit from		ESTIMATED
			[REFERENCE			[REFERENCE DIMBA	REFERENCE DIMBA	[FIRST		VALUE OF IN-KIND
			DIMBA SEASON]?			SEASON]?	SEASON]?	SOURCE]		PAYMENTS.
				CODES FOR U				during the		IF NOTHING,
			LIST FROM	KILOGRAM		READ RESPONSES	INCLUDE ALL TRIPS	[REFERENCE		RECORD ZERO.
			NETWORK ROSTER	2 KG BAG			FROM AND BACK TO	DIMBA	Paid in full,	RECORD ZERO.
				3 KG BAG 3.7 KG BAG.			THE FARM.	SEASON]?	with	
				5 KG BAG		On Foot1			own-savings1>>24	
		1		10 KG BAG		Bicycle Taxi2			Received on credit2	
	COPY SEED TYPE N. & SEED TYPE CODE	AME		50 KG BAG OTHER	8	Own Bicycle or			Part	
	FROM PREVIOUS PA	GE.		(SPECIFY)	9	Oxcart3 Truck / Bus			own-savings,	
	111011 111211000 111	02.				/ Minibus4			on credit3	
			NETWORK ROSTER ID CODE	QUANTITY	UNIT	Other (Specify)5	мк	MK		МК
201										
202										
203										
204										
205										
206										
207										
208										
209										

						2ND SOURCE O	F COMMERCIAL [S	SEED]		
			N22	N23	N24	N25	N26		N27	N28
	& SEED TYP	SEED TYPE CODE COPY SEED TYPE NAME & SEED TYPE CODE FROM PREVIOUS PAGE.		the <u>source</u> of <u>credit</u> for this [SEED] purchase? LIST FROM NETWORK	SECOND SOURCE from whom you purchased any of the [SEED] without coupons / vouchers or on credit during the [REFERENCE DIMBA SEASON]?	institution was the SECOND SOURCE of the [SEED] that you	How much of the [SEE was purchased withou coupons / vouchers or purchased on credit fr [SECOND SOURCE] during the [REFEREN DIMBA SEASON]? CODES FOR UNIT: GRAM	ut or rom	used to bring back the [SEED] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the	How much did you pay for transportation to acquire the [SEED] that you purchased without coupons / vouchers or purchased on credit from [SECOND SOURCE] during the [REFERENCE DIMBA SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.
			МК	NETWORK ROSTER ID CODE	YES1 NO2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT	/ Minibus4 Other (Specify)5	мк
201										
202										
203										
204										
205										
206										
207										
208										
209										

								3RD SOURCE O	F COMMERCIAL [SEE	D]
		N29 What was the	N30	_	N32	N33	N34	N35	N36	
	CODE COPY SEED TYPE NAME & SEED TYPE CODE FROM PREVIOUS PAGE.		How did you finance this [SEED] purchase from [SECOND SOURCE]? READ RESPONSES Paid in full, with own-savings1>>34 Received on	up-front for this [SEED] purchase? INCLUDE CASH PAYMENTS AND	How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS.	the <u>source</u> <u>of credit</u> for this [SEED] purchase?	SOURCE from whom you purchased any of the [SEED] without coupons /	institution was the THIRD SOURCE of the [SEED] that you purchased	How much of the [SEED] purchased without coupor vouchers or purchased of from [THIRD SOURCE] the [REFERENCE DIMB SEASON]? CODES FOR UNIT: GRAM1 KILOGRAM2 2 KG BAG3 3 KG BAG4 3.7 KG BAG5 5 KG BAG6 10 KG BAG7 50 KG BAG8 OTHER	ns / n credit during
			credit2 Part						(SPECIFY)9	
		MK	own-savings, part	мк	MK	NETWORK ROSTER ID CODE	YES1 NO2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT
201										
202										
203										
204										
205										
206										
207										
208										
209										

				FREE [SEED]						LEFT-OVER [SI	EED]			
	SEED TY!	PE	SEED TYPE CODE	N37 Did you receive any of the [SEED] for free during the [REFERENCE DIMBA SEASON]? EXCLUDE ANY [SEED] LEFT OVER FROM PREVIOUS SEASON.	[SEED] did in total for fit the [REFER DIMBA SEA	you receive ree during LENCE ASON]?	During the [REFEREN: SEASON], it side you rece [SEED] for the last up to the last	from whom eive the free? 2 FROM	during the	[SEED] that you used during the	used during the [DIMBA SEASON previous season' CODES FOR UNI GRAM KILOGRAM KILOGRAM 2 KG BAG 3 KG BAG 5 KG BAG	REFERENCE I] left over from a ? T: 1 2 3 4 5 6	READ RESPONSES Improved variety is too expensive1 Preference for traditional variety2 Advice from extension officer.3 Advice from input	ENUMERATOR: BEFORE MOVING TO THE NEXT MODULE, MAKE SURE THAT THE NUMBER OF SEEDS RECORDED IN THIS MODULE IS EQUAL TO THE NUMBER OF UNIQUE CROP VARIETIES IDENTIFIED IN THE AG-
		COPY SEED & SEED TYP FROM PREVI	E CODE	YES1 NO2>>41	10 KG BAG 50 KG BAG OTHER (SPECIFY)	8	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	MK	YES1 NO2>>43	10 KG BAG 50 KG BAG OTHER (SPECIFY)	8	supplier	MODULE M.
201														
202														
203														
204														
205														
206														
207														
208														
209														

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMI	ENUMERATOR: RECORD START DATE & TIME FOR MODULE O: INISTERED IN VISIT 2.
110121 0011021111110 1711122110002110250,7122 Q020110110711127151111	

O-0. **ENUMERATOR**: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD? 2015...1 2016...2

ENUMERATOR: REFER TO AG-MODULE M. LIST THE NAMES AND CODES OF ALL DIFFERENT TYPES OF CROPS HARVESTED DURING THE [REFERENCE DIMBA SEASON]. ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW, ONE ROW AT A TIME.

		O01	O02			O03	O04	O05		O06		O07		O08
CROP	CROP	Did you sell	How much of	the har	ested/	What was the total		Who/What wer	e the main	Who in your ho	ousehold	When wa	as most of	Approximately
NAME	CODE	any of the	[CROP] was	sold in to	otal?	value of all [CROP]	IS THIS A	buyers/outlets		kept/decided v	hat to do with	the [CRC	P] sold?	how many
		harvested				sales?	CROSS-	[CROP] sales?		these earnings	?			transactions took
		[CROP]?	FOR ALL APP		CROPS,		SECTIONAL HOUSEHOLD?							place while
			MAKE SURE T WHETHER TH			ESTIMATE THE	HOUSEHOLD?		ROM NETWORK					selling [CROP]?
			VALUE IS SHE			VALUE OF IN-KIND		ROSTER		HOUSEHOLD R	OSTER			
			UNSHELLED.	LLLLD OI	`	PAYMENTS.								
			0.10.12222									CODES FO	OR MONTH:	
												JANUARY	1	
												FEBRUAR'		
												MARCH APRIL		
												MAY		
												JUNE		
												JULY AUGUST.		
							YES1					SEPTEMBI		
		YES1 NO2>>31					NO2>>11					OCTOBER		
		102//31	QUANTITY	UNIT	S/U	1		NETWORK	NETWORK			NOVEMBEI DECEMBEI		
			QUANTITI	UNIT	3/0			ROSTER	ROSTER	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2		YEAR	NUMBER OF
						MK		ID CODE #1	ID CODE # 2	ID CODE # 1	ID CODE # 2	MONTH	(4-DIGIT)	TRANSACTIONS
		1	1	1		1		I		I		1		1
		+												

TO ACCOMPANY INFO	RMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT:			
KILOGRAM1	NO. 10 PLATE6	BALE10	
50 KG BAG2	NO. 12 PLATE7	OX-CART12	
PAIL (SMALL)4	BUNCH8	OTHER (SPECIFY)13	
PAIL (LARGE)5	PIECE9		
CODE FOR S/U:			
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON (CONTINUED)

- II	ARGES	T RII	YFR/C	ITII	FT

		O09	O10	044	040			O13	O14		O15	
				O11								
CROP	CROP	What was the main		Who/What	How much of			What was the total	Who in your ho			as most of
NAME	CODE	mode of transportation	cost of	was the	harvested [Cl		vas	value of [CROP]	kept/decided w			
		associated with all		[LARGEST	sold to [LARC			sales to [LARGEST	these earnings	s?	the [LAR	
		[CROP] sales?		BUYER/	BUYER/ OUT	LET]?		BUYER/ OUTLET]?			BUYER /	OUTLET]?
				OUTLET] for					LIST UP TO 2 FI			
		READ RESPONSES		your [CROP]	FOR ALL APP			ESTIMATE THE	HOUSEHOLD R	OSTER		
			INLUDE ALL TRIPS	sales?	CROPS, MAKE		TO	VALUE OF IN-KIND				
			FROM AND BACK TO		ASK WHETHE			PAYMENTS				
			THE FARM.	LIST FROM	REPORTED V							FOR MONTH:
				NETWORK	SHELLED OR	UNSHE	LLED.				JANUAR' FEBRUAI	
				ROSTER							MARCH.	
		On Foot1	RECORD ZERO.								APRIL.	
		Bicycle Taxi2									MAY	
		Own Bicycle or									JUNE	
		Oxcart3 Truck / Bus									JULY AUGUST	
		/ Minibus4	(THEN>>31)								SEPTEM	
		Buyer picked up									OCTOBE	
		the crop5								1	NOVEMB	ER11
		Other		NETWORK ROSTER	QUANTITY	UNIT	S/U		HH ROSTER	HH ROSTER	DECEMBI	
		(Specify)6	MK	ID CODE				MK	ID CODE #1	ID CODE # 2	MONTH	YEAR (4-DIGIT)
	ļ	<u> </u>					l		<u></u>			(4-DIGIT)
		•										
							l					
	İ											
	1	1			1		ı	1			I	

TO ACCOMPANY INFO	ORMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT:	NO. 10 PLATE6	BALE10	
50 KG BAG2	NO. 12 PLATE7	OX-CART12 OTHER (SPECIFY)13	
PAIL (LARGE)5 CODE FOR S/U:	PIECE9		
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3	

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON (CONTINUED)

						SECOND LARGEST BUYER/OUTLET						
CROP NAME	CROP	Approximately how many transactions took place while selling [CROP] TO [LARGEST BUYER/OUTLET]?	associated with the [CROP] sales to [LARGEST BUYER/ OUTLET]?	What was the total cost of transportation associated with the [CROP] sales to [LARGEST BUYER/OUTLET]? INLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.	REFERENCE DIMBA SEASON?	O20 Who/What was the [SECOND LARGEST BUYER/OUT LET] for your [CROP] sales? LIST FROM NETWORK ROSTER	O21 How much o harvested [C sold to [SEC LARGEST B OUTLET]? FOR ALL APF CROPS, MAK ASP WHETHIR REPORTED \(\) SHELLED OR UNSHELLED.	of the CROP] OND OVER COND COND COND COND COND COND COND COND	was / LE E TO	What was the total value of [CROP] sales to [SECOND LARGEST BUYER/OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	Who in your he kept/decided withese earnings LIST UP TO 2 F HOUSEHOLD F	what to do with s?
		NUMBER OF TRANSACTIONS	Other (Specify)6	мк	NO2>>31	NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U	мк	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2

TO ACCOMPANY INFO	RMATION COLLECTED	ON "QUANTITY":	
CODES FOR UNIT: KILOGRAM1 50 KG BAG2 PAIL (SMALL)4 PAIL (LARGE)5 CODE FOR S/U:	NO. 12 PLATE7 BUNCH8	BALE	
	U: UNSHELLED2	NOT APPLICABLE3	

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON (CONTINUED)

							ALTERNATIVE	USES	
		O24	O25	O26	O27	O28	O31		
CROP	CROP	When was most of	Approximately how	What was the main	What was the total	Was there another	How much of the h	narveste	d
NAME	CODE	the [CROP] sold to	many transactions	mode of	cost of	buyer/outlet to	[CROP] during the		
		the [SECOND	took place while	transportation	transportation	whom you sold	[REFERENCE DIN	/IBA SE/	ASON]
		LARGEST BUYER	selling [CROP] TO	associated with the	associated with the	[CROP] during the	was given out as g	jifts or	
		/OUTLET]?	[SECOND	[CROP] sales to	[CROP] sales to	[REFERENCE	reimbursements for	or land,	
			LARGEST BUYER/	[SECOND LARGEST	[SECOND	DIMBA SEASON]?	labour?		
			OUTLET]?	BUYER/OUTLET]?	LARGEST BUYER/		EXCLUDE REIMBUI		
					OUTLET]?		FOR INPUTS BORR		
		CODES FOR MONTH: JANUARY1		READ RESPONSES			ACQUIRED ON CRE	בטוו.	
		FEBRUARY2			INLUDE ALL TRIPS		IF NOTHING, RECO	RD 7ER	O FOR
		MARCH3		On Foot1 Bicycle Taxi2	FROM AND BACK TO THE FARM. IF		"QUANTITY" AND C		
		APRIL4 MAY5		Own Bicycle or	NOTHING, RECORD		32. FOR ALL APPLIC		
		JUNE6		Oxcart3	ZERO.		MAKE SURE TO AS	K WHET	HER
		JULY7		Truck / Bus			THE REPORTED VA		
		AUGUST8		/ Minibus4 Buyer picked up		YES1	SHELLED OR UNSH	HELLED.	
		SEPTEMBER9 OCTOBER10		the crop5		NO2			
		NOVEMBER11		Other			-		
		DECEMBER12	NUMBER OF	(Specify)6			QUANTITY	UNIT	S/U
		MONTH YEAR (4-DIGIT)			MK				
i		1		1		I	1		1

TO ACCOMPANY INFO	RMATION COLLECTED	ON "QUANTITY":
50 KG BAG2	NO. 12 PLATE7	BALE10 OX-CART12
PAIL (SMALL)4 PAIL (LARGE)5 CODE FOR S/U:	PIECE9	OTHER (SPECIFY)13
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON (CONTINUED)

ROP CODE How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was given out as reimbursements for inputs borrowed or acquired on credit? EXCLUDE THE QUANTITY OF CROP GROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. O34 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used for the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used as input for seed? How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used as input for seed? SEASON] was used as input for seed? SEASON] was saved for seed? IF NOTHING, RECORD INCLUDE THE QUANTITY OF CROP SET DAMAGE. O35 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used for onting, inse seed? IF NOTHING, RECORD INCLUDE THE QUANTITY OF CROP SET DAMAGE. OWN-PRODUCED BY-PRODUCTS O36 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used for onting, inse seed? IF NOTHING, RECORD INCLUDE THE QUANTITY OF ANIMAL FEED DUE TO PEST DAMAGE.	for loss? ects, rvest READ RESPONSES. LIST UP TO 2.
the [REFERENCE DIMBA SEASON] was given out as reimbursements for inputs borrowed or acquired on credit? IF NOTHING, RECORD The [REFERENCE DIMBA SEASON] was used as input for [CROP] by-products that your household sold, if any, for cash/ in-kind goods/ services? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. SEASON] was used as input for [CROP] by-products that your household sold, if any, for cash/ in-kind goods/ services? IF NOTHING, RECORD IF NOTHING, RECORD IF NOTHING, RECORD JUE TO PEST DAMAGE. OWN-PRODUCED BY-PRODUCTS The [REFERENCE DIMBA SEASON] was lost to rotting, inservices rodents, theft, etc. in the post-hard period? IF NOTHING, RECORD ANIMAL FEED DUE TO PEST DAMAGE.	ects, rvest READ RESPONSES. LIST UP TO 2.
SEASON] was given out as reimbursements for inputs borrowed or acquired on credit? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. SEASON] was saved for notents, theft, etc. in the post-har seed? SEASON] was saved for seed? IF NOTHING, RECORD SEASON] was saved for seed? IF NOTHING, RECORD SEASON] was saved for seed? IF NOTHING, RECORD INCLUDE THE QUANTITY OF CROP USED AS INPUT FOR ANIMAL FEED DUE TO PEST DAMAGE. OWN-PRODUCED BY-PRODUCTS AND CONTINUE TO 36.	READ RESPONSES. LIST UP TO 2.
as reimbursements for inputs borrowed or acquired on credit? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. IF NOTHING, RECORD IF NOTHING, RECORD IF NOTHING, RECORD IF NOTHING, RECORD IF NOTHING RECORD IF NOTHING RECORD IF NOTHING RECORD IF NOTHING RECORD INCLUDE THE QUANTITY OF CROP USED AS INPUT FOR ANIMAL FEED DUE TO PEST DAMA OWN-PRODUCED BY-PRODUCTS AND CONTINUE TO 36.	LIST UP TO 2.
inputs borrowed or acquired on credit? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. Kind goods/ services? IF NOTHING, RECORD IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 36.	P USED AS
acquired on credit? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED EXCLUDE CROP USED AS INPUT FOR IF NOTHING, RECORD OWN-PRODUCED BY-PRODUCTS IF NOTHING, RECORD INCLUDE THE QUANTITY OF CROP USED AS INPUT FOR OWN-PRODUCED BY-PRODUCTS IF NOTHING, RECORD ANIMAL FEED DUE TO PEST DAMAGE. INCLUDE THE QUANTITY OF CROP USED AS INPUT FOR OWN-PRODUCED BY-PRODUCTS AND CONTINUE TO 36.	
CROP USED AS ANIMAL FEED EXCLUDE CROP USED AS INPUT FOR ZERO FOR "QUANTITY" ANIMAL FEED DUE TO PEST DAMA OWN-PRODUCED BY-PRODUCTS AND CONTINUE TO 36.	
IF NOTHING, RECORD DUE TO PEST DAMAGE. OWN-PRODUCED BY-PRODUCTS AND CONTINUE TO 36.	10F
ii NOTTIINO, NEOOND	AGE.
FOR ALL ARRUPADLE FILL IN ORTION OF PROPERTY OF O	All Marie
ZERO FOR "QUANTITY" CONSUMED AT HOME. FOR ALL APPLICABLE FILL IN OPTION 2/PERCENTAGE OF CROPS, MAKE SURE TO THE FARMER CANNOT PROVIDE A	
AND CONTINUE TO 33. IF NOTHING, RECORD ZERO CROPS, MAKE SURE TO THE FARMER CANNOT PROVIDE A FOR ALL APPLICABLE FOR "QUANTITY" AND IF NOTHING, RECORD ZERO FOR ASK WHETHER THE APPROXIMATE QUANTITY FOR OP	
CROPS, MAKE SURE TO CONTINUE TO 34. "QUANTITY" AND CONTINUE TO 35. REPORTED VALUE IS NOTHING WAS LOST, RECORD ZE	
ASK WHETHER THE FOR ALL APPLICABLE CROPS, FOR ALL APPLICABLE CROPS, MAKE SHELLED OR UNSHELLED. "QUANTITY" AND >> 38.	Insects2
REPORTED VALUE IS MAKE SURE TO ASK WHETHER SURE TO ASK WHETHER THE FOR ALL APPLICABLE CROPS, MAI	
SHELLED OR UNSHELLED. THE REPORTED VALUE IS REPORTED VALUE IS SHELLED OR TO ASK WHETHER THE REPORTED	Flood4 Theft5
SHELLED OR UNSHELLED. UNSHELLED. IS SHELLED OR UNSHELLED.	Other (Specify) 6
	PTION 2
QUANTITY UNIT S/U QUANTITY UNIT S/U QUANTITY UNIT S/U QUANTITY UNIT S/U PER(CENTAGE
	1ST 2ND

CODES FOR UNIT:

KILOGRAM....1 NO. 10 PLATE. 6 BALE.....10
50 KG BAG...2 NO. 12 PLATE. 7 OX-CART.....12
PAIL (SMALL). 4 BUNCH.....8 OTHER (SPECIFY). 13
PAIL (LARGE)..5 PIECE...9
CODE FOR S/U:
S: SHELLED...1 U: UNSHELLED..2 NOT APPLICABLE..3

AG-MODULE O: SALES/STORAGE - DRY (DIMBA) SEASON (CONTINUED)

		STORAGE										
		O38	O39	O40			O41		O42			
CROP		Do you have any What is your main How much of the What did you do to protect the stored method of storage harvested [CROP]							In general, whe			
NAME	CODE				CROP]		stored	[CROP], what is			
		[CROP] in_	for this crop?	during the			[CROP]?		main purpose f	or storing it?		
		storage now?		[REFEREN								
			READ	SEASON] i		9	READ RESPO	ONSES. LIST		SES. LIST UP TO		
			RESPONSES _d	stored by y			UP 10 2.		2.			
			pile1 Heaped in	household?	,				Food for hou	sehold1		
			house2	FOR ALL AF	DI 10 4 I	S. F			To sell at a higher price2 Seed for planting3			
			Bags in	CROPS, MA								
			house3 Chitandala	ASK WHETH					Render payme:			
			in house4	REPORTED					in-kind			
			Chitandala	SHELLED O	R				Wait for the			
			outside5 Traditional	UNSHELLE	Э.		Spraying	1	of buyer Does not usu			
			Nkhokwe6				Smoking	2	store			
			Improved				Hired Guar		Other (Specify)7			
		YES1	Nkhokwe7 Metallic				Magic (Kut Did Nothin					
		NO2>>42	Silo8	QUANTITY	UNIT	S/U	Other (Spe		(THEN >> NEXT ROW)			
			Other				161	2ND	1ST	2ND		
			(Specify)9				1ST 2ND		101	ZIND		

TO ACCOMPANY INFO	ORMATION COLLECTED	ON "QUANTITY":
CODES FOR UNIT:		
KILOGRAM1	NO. 10 PLATE6	BALE10
50 KG BAG2	NO. 12 PLATE7	OX-CART12
PAIL (SMALL)4	BUNCH8	OTHER (SPECIFY)13
PAIL (LARGE)5	PIECE9	
CODE FOR S/U:		
S: SHELLED1	U: UNSHELLED2	NOT APPLICABLE3

		CROP GARDEN (MUNDA) R		ORD START DATE & TIME FOR M	MODULE O 1				
NOTE: CONC	ERNING PANEL HOUSEHOLDS, ALI	QUESTIONS ARE ADMINISTERED	IN VISIT 2. ENGINERATOR. RECO	DRU STAKT DATE & TIME FOR IV	ODULE O_1.				
		SED SO FAR, WERE THERE ANY <u>O'</u> I TREE/PERMANENT CROPS IN THE		YES1 NO2 >> NEXT MODULE		DAY	MONTH	HOURS	MINUTES
TABLE A	MORE PLOTS. A <u>PLOT</u> IS DEFINED AS A CONTINU A <u>PLOT</u> MUST BE <u>CONTINUOUS</u> AF OPERATOR.	JOUS PIECE OF LAND AND SHOULD JOUS PIECE OF LAND ON WHICH A ND SHOULD <u>NOT BE SPLIT BY A PA</u> RDENS (MINDA) you or anyone	UNIQUE CROP OR A MIXTURE OF	CROPS IS GROWN, UNDER A UI N WIDTH. PLOT <u>BOUNDARIES</u> AI	NIFORM, CONSIS RE DEFINED <u>ACC</u>	TENT CROP	MANAGEM	ENT SYSTI	EM.
	0_1_02	O_1_03	g						
	GARDEN (MINDA) NAME	LOCATION & DESCRIPTION	What is the <u>area</u> of this [GARDEN]?						
(MUNDA) ID			[GARDEN]!						
			ENUMERATOR: ASK THE FARMER TO ESTIMATE THE						
			AREA.						
			CODES FOR UNIT:						
			ACRE1						
			HECTARE2 SQUARE METERS3						
			YARDS4 OTHER (SPECIFY)5						
			a.						
			FARMER ESTIMATION						
			AREA UNIT						
TG01									
TG02									
1002									
TG03									
1003									
TG04									
1004									
TG05									
1003									
TG06									
	ENUMERATO PRIMARY RE ID FOR MOD	ULE O 1: L. L. END TIN	D						

	DDULE O_2: PLOT ROSTER -													
	11. DID YOU OR ANYONE IN YOUR HO			NENT CROPS IN THI	E LAST 12 I	MONTAS	?1							
ENUME	RATOR: RECORD START DATE & DR MODULE 0-2:	DAY MONTH HOURS				NO	.2 >> MODULE R							
ENUME	RATOR: RECORD THE ID CODES FO	DR ALL GARDENS LISTED IN	MODULES B_	1,										
TABL E A	A GARDEN (MUNDA) IS A CONTINU A PLOT IS DEFINED AS A CONTINU A PLOT MUST BE CONTINUOUS AN Please list all PLOTS on all C	OUS PIECE OF LAND ON WHICH A	UNIQUE CROP OF	R A MIXTURE OF CRO	PS IS GRO	WN, UNI	DER A UNIFORM, CONSISTI ARIES ARE DEFINED <u>ACCC</u>	ENT CROP MANAGEMENT SYSTE	M.					
	0_2_02	O_2_03	0 2 03 2	O_2_04			J	O_2_05				O_2_06	O_2_06_1.	O_2_07
PLOT ID	PLOT NAME	LOCATION & DESCRIPTION	RECORD IHS4	What is the area of	f this [PLC	T]?		ENUMERATOR: RECORD THE CONTROL OF TH		FOR THE CORNER OF T	HE PLOT AT	ENUMERATOR: RECORD	ENUMERA- TOR:	ENUMERATOR: RECORD THE
			OF THE GARDEN THAT THE PLOT IS A	FIRST. MEASURE T CONTINUING WITH	HE AREA V	VITH THE AINING M	ODULES. MAKE SURE TO	IF YOU DID NOT RECORD THE G	PS COORDINA	TES, PLEASE SPECIFY F	REASON.	NUMBER OF SATELLITES GPS TRACKED TO CAPTURE	RECORD GPS ACCURACY	WEATHER CONDITIONS AT TIM OF MEASUREMENT CODES FOR
			PART OF. CONSULT THE LIST OF	A CONSISTENT VAL DECIMAL. COD ACE		RD ZERO		CODES FOR REASON: LONG DISTANCE WITH LONG DISTANCE OUTS HOUSEHOLD REFUSED.	IDE THIS DIS	TRICT2		PLOT COORDINATES		CONDITION: Clear/Sunny1 Mostly Clear / Mostly Sunny2 Partly Cloudy /
			GARDENS ABOVE.	SQU	JARE METE	RS3		HOOSEHOLD KEFOSED.						Partly Sunny3 Mostly Cloudy / Considerable Cloudiness4
				FARMER ES	-		GPS MEASURE	a.	1	b.	1	1		Completely
				AREA		UNIT	AREA IN ACRES	LATITUDE (S)	1	LONGITUDE (E)	REASON			Cloudy5
T01								o 						
T02								· · ·		·				
T03								o						
T04								o						
T05								<u> </u>						
T06								o 						
T07														
	1							0		,				
T08														

AG-MODULE P: TREE / PERMANENT CROP PRODUCTION - LAST 12 MONTHS

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

			P0A	P01	P02		P03	P04	P05
ы от	TDEE /	TREE /						-	How many
_	-				What is the <u>area</u> of the plantation?				plants/
טו									trees were
	CROP NAME	CROP CODE							planted
				-				trees <u>planted</u> ?	
			[PLOT]?	in the field?					during the
			ENUMEDATOR						last 12
							[PLOT]?		months?
							K 0 4 0 0 4 1 / 4		
			or Low to ortor o.						
							>> 6.		
							IE THE EADMED IS		
					CODES FOR UNIT:				
					00225 1011 01111		INECOND CCC.		
				ΡΙ.ΔΝΨΔΨΙΩΝ 1					
				SCATTERED2>>3					
					OTHER (STECTIT)				
			VARIETY CODE		AREA	UNIT	NUMBER		NUMBER
			77111277 0002			U		(4-DIGIT)	
		1	1	1			1		1
									+
			1						
			1						
		_							
		_							
				1					
	_	PLOT ID TREE / PERMANENT CROP NAME	ID PERMANENT PERMANENT	PLOT TREE / TREE / What is the primary variety of	PLOT TREE / PERMANENT CROP NAME TREE / PERMANENT CROP CODE What is the primary variety of [CROP] being cultivated on this [PLOT]? ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. PLANTATION.1 SCATTERED2>>3	PLOT ID PERMANENT CROP NAME TREE / PERMANENT CROP NAME TREE / PERMANENT CROP CODE What is the primary variety of [CROP] being cultivated on this [PLOT]? ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. PLANTATION. 1 SCATTERED 2>>3 OTHER (SPECIFY) 4	PLOT ID PERMANENT CROP NAME TREE / PERMANENT CROP CODE TREE / PERMANENT CROP CODE What is the primary variety of [CROP] being cultivated on this [PLOT]? ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. PLANTATION.1 SCATTERED2>>3 OTHER (SPECIFY)4	PLOT ID PERMANENT CROP NAME TREE / PERMANENT CROP CODE TREE / PERMANENT CROP CODE TREE / PERMANENT CROP CROP CODE TREE / PERMANENT CROP CROP CODE TREE / PERMANENT CROP cultivation in a plantation or scattered in the field? SENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. PLANTATION.1 SCATTERED2>>3 OTHER (SPECIFY).4 What is the area of the plantation? How many plants/trees for the [TREE / PERMANENT CROP] cultivation in a plantation or scattered in the field? How many plants/trees for the [TREE / PERMANENT CROP] dultivation in a plantation or scattered in the field? FERMANENT CROP do you own on this [PLOT]? If CASSAVA, LEAVE BLANK AND >> 6. IF THE FARMER IS UNABLE TO QUANTIFY, RECORD 999.	PLOT ID PERMANENT CROP CODE PERMANENT CROP CROP CROP CROP CROP CROP CROP CROP

AG-MODULE P: TREE / PERMANENT CROP PRODUCTION - LAST 12 MONTHS (CONTINUED)

			P06				P07	P08		P08_1	P09	
PLOT	TREE /	TREE /	What was the la	st comple	ted produc	tion	Were	Why were there	e losses before	What was the	How much [TREE / PE	RMANENT
ID	PERMANENT	PERMANENT	period for the [T				there any	the harvest?		main disease	CROP] did you harves	t during the
	CROP NAME	CROP CODE					losses of			affecting the	last 12 months?	
			IF THERE IS NO				[TREE /	READ RESPONS	SES. LIST UP TO	plants in the	IF NOTHING, RECORD	ZERO FOR
			PERIOD, USE TH	HE LAST 12	MONTHS.		PERMAN	2.		[PLOT]?	"QUANTITY" AND >> NE	XT ROW.
							ENT					
							CROP]			ENUMERATOR:		
				DDES FOR			before			ONLY ASK	CODEC FOR INIT	m
				NUARY	.1		harvest?	Drought	1	THIS	CODES FOR UNI KILOGRAM	
				BRUARY				EFFECTS OF: Rains	2	QUESTION IF DISEASE	50 KG BAG	2
				ARCH				Fire		LISTED AS	90 KG BAG	
				AX				Insects		REASON IN	PAIL (SMALL). PAIL (LARGE).	
				JNE				Animals		P08.	NO. 10 PLATE.	
				JLY				Crop theft Diseases			NO. 12 PLATE.	
				JGUST PTEMBER.				Community pr			BUNCH PIECE	
				TOBER				Lack of hire			BALE	
				VEMBER			wmo 1	Other (Speci	ify)10		BASKET (DENGU	
			DE	CEMBER	12		YES1 NO2>>				OX-CART	12
			BEGIN		EN	ID	9					
			MONTH	YEAR (4-DIGIT)	MONTH	YEAR (4-DIGIT)		1ST	2ND	DISEASE CODE	QUANTITY	UNIT
	I											
	l .											

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

ENUMERATOR: REFER TO AG-MODULE P. LIST FIRST THE NAMES AND CODES OF ALL DIFFERENT TYPES OF TREE/ PERMANENT CROPS HARVESTED DURING THE LAST 12 MONTHS. ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW, ONE ROW AT A TIME.

TREE/ PERMANENT CROP NAME	TREE/ PERMANENT CROP CODE	harvested [TREE/	total during the last 12 months?	Q03 What was the total value of [TREE/ PERMANENT CROP] sales during the last 12 months? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	Q04 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	ROSTER	e the main for your [TREE/ CROP] sales? ROM NETWORK	these earnings	hat to do with ?	[TREE/PERMAN CROP] s the last 1 CODES ! JANUAR: FEBRUAR MARCH APRIL MAY JUNE JULY AUGUST. SEPTEMM OCTOBER NOVEMBER	Old during 2 months? FOR MONTH: (1 YY2 3 4 5 6 7 8 BER9 R10 SER11	Q08 Approximately how many transactions took place while selling [TREE/ PERMANENT CROP] TO [LARGEST BUYER/ OUTLET] during the last 12 months?
		YES1 NO2>>31	QUANTITY UNIT	МК	YES1 NO2>>11	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2	MONTH	YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS

LARGEST BUYER/OUTLET

		Q09	Q10	Q11	Q12			Q13	Q14		Q15	
CROP	CROP	What was the main	What was the total		How much of	the		What was the total	Who in your ho	ousehold	When wa	as most of the
NAME	CODE	mode of transportation	cost of	was the	harvested [TF	EE/		value of [TREE/	kept/decided w	what to do with	[TREE/ F	PERMANENT
		associated with all	transportation	[LARGEST	PERMANENT	CRO	P]	PERMANENT	these earnings	?	CROP] s	old to the
		[TREE/PERMANENT	associated with all	BUYER/	was sold to [L	ARGE	ST	CROP] sales to	_		[LARGES	ST BUYER
		CROP] sales during the	[TREE/	OUTLET] for	BUYER/ OUT	LET]?		[LARGEST BUYER/	LIST UP TO 2 FI	ROM	OUTLE?	Γ] during the
		last 12 months?	PERMANENT	your [TREE/		•		OUTLETI?	HOUSEHOLD R	OSTER	last 12 m	
			CROP] sales during	PERMANENT	FOR ALL APPL			_				
		READ RESPONSES		CROP] sales	CROPS, MAKE		TO	ESTIMATE THE				
				during the last			VALUE OF IN-KIND			CODES F JANUARY	OR MONTH:	
			INLUDE ALL TRIPS	12 months?	REPORTED VALUE IS PAYMENTS SHELLED OR UNSHELLED.		PAYMENTS			FEBRUAR		
			FROM AND BACK TO		SHELLED OR UNSHELLED.					MARCH		
		On Foot1	THE FARM.	LIST FROM						APRIL		
		Bicycle Taxi2		NETWORK						MAY		
		Own Bicycle or Oxcart3	IF NOTHING,	ROSTER						JUNE JULY		
		Truck / Bus	RECORD ZERO.							AUGUST.		
		/ Minibus4							SEPTEMB			
		Buyer picked up	(THEN >> 31)								OCTOBER	
		the crop5 Other	(INEN >> 51)	NETWORK	QUANTITY	UNIT	S/U			1	NOVEMBE DECEMBE	
		(Specify)6		ROSTER	QUANTITY	UNII	3/0		HH ROSTER	HH ROSTER ID CODE # 2		YEAR
			MK	ID CODE				MK	ID CODE #1	ID CODE # 2	MONTH	(4-DIGIT)
								I				
	-											

					SECOND LARGE	ST BUYER	/OUTI	LET			
CROP NAME	Approximately how many transactions took place while selling [TREE/ PERMANENT CROP] TO [LARGEST	What was the main mode of transportation associated with the [TREE/ PERMANENT CROP] sales to [LARGEST BUYER/ OUTLET]? READ RESPONSES On Foot1 Bicycle Taxi2 Own Bicycle or Oxcart3	transportation associated with the	Q19 Was there another buyer/ outlet to whom you <u>sold</u> [TREE/ PERMANENT CROP] during the REFERENCE SEASON?	Q20 Who/What was the [SECOND LARGEST BUYER/OUTLET] for your [TREE/ PERMANENT CROP] sales? LIST FROM NETWORK ROSTER	Q21	of the TREE/ NT CRO [SECO BUYER PLICAB RE SUR ER THE /ALUE	OP] DND k/ LE E TO	Q22 What was the total yalue of [TREE/ PERMANENT CROP] sales to [SECOND LARGEST BUYER/ OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	Q23 Who in your ho kept/decided w these earnings LIST UP TO 2 FI HOUSEHOLD R	hat to do with ?
	NUMBER OF TRANSACTIONS	Other (Specify)6	мк	NO2>>31	NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U	MK	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2

							ALTERNATIVE U	ISES	
0000	0000	Q24	Q25	Q26	Q27	Q28	Q31		
CROP		When was most of	Approximately how	What was the main	What was the total	Was there another	How much of the ha		
NAME	CODE	the [TREE/	many transactions	mode of transportation		buyer/outlet to whom	•		
		PERMANENT	took place while	associated with the	transportation_	you sold [TREE/	during the last 12 m		vas
		CROP] sold to the	selling [TREE/	[TREE/ PERMANENT		PERMANENT	given out as gifts or		
		[SECOND LARGEST		CROP] sales to	[TREE/	CROP] during the	reimbursements for	land,	
		BUYER /OUTLET]?	CROP] TO	[SECOND LARGEST	PERMANENT	REFERENCE	labour?		
			[SECOND	BUYER/OUTLET]?	CROP] sales to	SEASON?			
		CODEC FOR MONEU.	LARGEST BUYER/		[SECOND		EXCLUDE REIMBURS		ΓS
		JANUARY1	OUTLET]?	READ RESPONSES	LARGEST BUYER/		FOR INPUTS BORRO		
		FEBRUARY2			OUTLET]?		ACQUIRED ON CREE	ווו.	
		MARCH3					IF NOTHING, RECOR	D ZERO	FOR
		APRIL4		On Foot1	INLUDE ALL TRIPS		"QUANTITY" AND CO		
		MAY5 JUNE6		Bicycle Taxi2 Own Bicycle or	FROM AND BACK TO		32.		
		JULY7		Oxcart3	THE FARM. IF NOTHING, RECORD		02.		
		AUGUST8		Truck / Bus	ZERO.				
		SEPTEMBER9		Minibus4	ZERO.				
		OCTOBER10 NOVEMBER11		Buyer picked up					
		DECEMBER12		Other		YES1 NO2	QUANTITY	UNIT	S/U
		MONTH YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS	(Specify)6	MK	NO2			
		 							
		 							
_									
				1				1	

		Q32			Q33		Q34			Q35				Q36	
CROP	CROP	How much of	f the		How much of the harve	sted	How much of	the		How much of	the the	a harve		What was t	he reason
NAME	CODE	harvested [Ti			ITREE / PERMANENT	otou	harvested [Ti							for loss?	110 <u>1000011</u>
IVA.III.E	OODL	PERMANEN		PΊ	CROP] during the last 1	2	PERMANEN		PΊ			-	insects, rodents,	101 1000 .	
		during the las			months was used as in					theft, etc. in the				READ RESP	ONSES.
		was given ou			[TREE/ PERMANENT (LIST UP TO	2.
				inputs	by-products that your		1	. <u>0000</u>	•	FILL IN OPTIO	N 2/PEI	RCENT	AGE ONLY IF THE		
		borrowed or a			household sold, if any, i	n the	IF NOTHING, I	RECOR	D	FARMER CAN	NOT P	ROVIDE	AN		
		credit?			market?		ZERO FOR "Q	UANTII	ΓY"	APPROXIMAT	E QUAI	NTITY F	OR OPTION 1. IF		
							AND CONTINU						RD ZERO FOR		
		IF NOTHING, F	RECOR	D	EXCLUDE CROP USED A	S	FOR ALL APP			"QUANTITY" A					
		ZERO FOR "Q	UANTI	ΓΥ"	INPUT FOR OWN-PRODU	JCED	CROPS, MAKE		TO				PS, MAKE SURE		
		AND CONTINU	JE TO 3	33.	BY-PRODUCTS CONSUM	1ED AT				TO ASK WHET					
					HOME.					IS SHELLED C	K UNS	HELLEI	J.	Rotting	
							SHELLED OR	UNSHE	LLED.					Insects Rodents/Pe	
					IF NOTHING, RECORD ZI	ERO								Flood	
					FOR "QUANTITY" AND									Theft	
					CONTINUE TO 34.					OPTI	ON 1		OPTION 2	Other (Spe	ecify).6
		QUANTITY	UNIT	S/U	QUANTITY UNIT		QUANTITY UNIT S/U		QUANTITY UNIT S/U			PERCENTAGE	1		
		20/	0	0,0	20/11/11	0	20/11/11		0,0	20/111111	0	0,0		1ST	2ND
														101	2110
								1				1			
													<u> </u>		
													1		
	Ī														
				ļ			Į		ļ						
			1	1		1		ı	1			ı	1		

	STORAGE									
CROP NAME	CROP		Q38 What is your main method of storage for this crop? READ RESPONSES Unprotected pile1 Heaped in house2 Bags in house3 Chitandala in house4 Chitandala in house4 Chitandala Nkhokwe5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic Silo8	harvested [TREE/ PERMANENT CROP] during the [REFERENCE SEASON] is being stored by your household?		Q40 What did you protect the s [TREE/ PER CROP]? READ RESPOUP TO 2. Spraying Smoking Hired Guar Magic (Kut	tored MANENT ONSES. LIST 1 2 d3 sirika) 4	Q41 In general, when you store [TREE/ PERMANENT CROP], what is usually the main purpose for storing it? READ RESPONSES. LIST UP TO 2. Food for household1 To sell at a higher price		
			Other (Specify)9	QUANTITY	UNIT	S/U	Other (Spe		1ST	2ND

AG-MODULE R: LIVESTOCK

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1.

A. Did you or anyone in your household own any livestock in the last 12

months?

YES...1 NO....2 >> MODULE T

ENUMERATOR: RECORD START DATE & TIME FOR MODULE R:

			R01	R01_1.		R02	R02_1	R02_2	R03	R03_2	R04	R05	
	LIVESTOCK		During the last 12	What are the househo				What is the		What is the	If you wanted	Who in your	
CODE	NAME	ATOR: RECORD	months, have you or any member of your	for owning/keeping [LI	-	[LIVESTOCK]		main breed of		main breed of the improved/		owns [LIVES	STOCK]?
		PRIMARY	household raised or	Sale of adult and Sale of young and		your	[LIVESTOCK] owned are	[LIVESTOCK]		exotic	[LIVESTOCK]	LIST UP TO 2	FROM
		RESPON-	owned any	Sale of livestoc	k products3	1	local?	owned by you		[LIVESTOCK]		HOUSEHOLD	
		DENT ID	[LIVESTOCK]?	Food for the fam. Cope with unexpe		now (present	<u>1000.</u> 1	household?	exotic? IF NONE,	owned by your			
			· ·	expenditures	5	at your farm or	r IF NONE,			household?			
			RECORD AN ANSWER FOR EACH TYPE OF	Cope with season expenditures	al	away)?	RECORD	REFER TO					
			LIVESTOCK BEFORE	Draught power	7	IF NONE.	ZERO AND >> R03.	LIVESTOCK CODES.	RECORD ZERO AND >>	REFER TO LIVESTOCK			
			GOING THROUGH THE	Manure		RECORD		CODEC .	R04.	CODES .			
			ENTIRE MODULE FOR	Transport Wealth status		ZERO AND >>							
			EACH APPLICABLE ROW, ONE ROW AT A TIME.	Savings		7.							
			ONE NOW AT A TIME.	Wage Reproduction									
			YES1	-								HH ROSTER	HH ROSTER
			NO2 >> NEXT ROW					LIVESTOCK		LIVESTOCK		ID CODE # 1	ID CODE # 2
		HHID CODE		MAIN PURPOSE	SECOND PURPOSE	NUMBER	NUMBER	BREED	NUMBER	BREED	MK		
301	CALF												
302	STEER/HEIFER												
303	COW												
304	BULL												
3304	ОХ												
3305	DONKEY/MULE/HORSE						\sim	$>\!\!<$	\searrow	$>\!\!<$			
307	GOAT												
308	SHEEP												
309	PIG												
3310	CHICKEN-LAYER/ CHICKEN-BROILER						> <	><	><	\times			
311	LOCAL-HEN						><	$>\!\!<$	> <	><			
313	LOCAL-COCK						$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$			
3314	TURKEY/GUINEA FOWL						$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$			
315	DUCK						$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$			
319	DOVE/PIGEON						$>\!\!<$	$>\!\!<$	><	$>\!\!<$			
318	OTHER (SPECIFY)						\sim		\sim	\searrow			

AG-MODULE R: LIVESTOCK (CONTINUED)

		R06		R07	R08	R09_1	R10		R12		R14
	LIVESTOCK	Who in your				During the last 12		What was the	From whom		During the last
CODE	NAME	responsible feeding/takin		[LIVESTOCK] did your	12 months, how many	months, now many	12 months, how many		household pu [LIVESTOCK		12 months, how many
		[LIVESTOCK		household	[LIVESTOCK]	[LIVESTOCK] did		purchases	during the las		[LIVESTOCK]
			4.	own exactly	were born?	your household	did your		months?		did your
		LIST UP TO 2		12 months		receive as gifts or		12 months?			household
		HOUSEHOLD	ROSTER	ago?	IF NONE, RECORD ZERO.	payment for services	to raise?	ESTIMATE THE	LIST UP TO 2 NETWORK RO		give away as gifts or
					REGORD ZERO.	rendered?	IF NONE,	VALUE OF IN-	INE I WORK INC	JOILK	payment for
						Toridoroa.	RECORD ZERO	KIND			services
						INCLUDE THOSE	AND >> 14.	PAYMENTS.			received?
						FROM NGOs. IF NONE, RECORD					
						ZERO.					IF NONE, RECORD
		HH ROSTER	HH ROSTER	1					NETWORK	NETWORK	ZERO.
		HH KOSTEK	HI KUSTEK						ROSTER	ROSTER	
		ID CODE #1	ID CODE # 2	NUMBER	NUMBER	NUMBER	NUMBER	MK	ID CODE #1	ID CODE # 2	NUMBER
301	CALF										
302	STEER/HEIFER				$>\!\!<$						
303	COW				> <						
304	BULL				\sim						
3304	OX										
3305	DONKEY/MULE/HORSE										
307	GOAT										
308	SHEEP										
309	PIG										
3310	CHICKEN-LAYER/ CHICKEN-BROILER										
311	LOCAL-HEN										
313	LOCAL-COCK										
3314	TURKEY/GUINEA FOWL										
315	DUCK										
319	DOVE/PIGEON										
318	OTHER (SPECIFY)										

AG-MODULE R: LIVESTOCK (CONTINUED)

LIVESTOCK CODE	LIVESTOCK NAME	R15 During the last 12 months, how many [LIVESTOCK] got lost or stolen? IF NONE, RECORD ZERO.	During the last 12 months, how many have	sales during the last 12 months? ESTIMATE THE VALUE OF IN- KIND	R18 To whom did household se [LIVESTOCK the last 12 m LIST UP TO 2 NETWORK R0	ell most of () sold during onths? FROM	During the last 12 months, how many [LIVESTOCK] did your household slaughter for	12 months, did any [LIVESTOCK] <u>suffer</u> from any disease or injury?	what was the disease/injury [LIVESTOCK	main /] suffered iany] were lost to njury? IE DISEASE IE END OF	R21_1 Was the animal treated?	animal?	Who treated the	
		NUMBER	NUMBER	MK	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2		YES1 NO2>> 22	LIVESTOCK LI SEPARATELY DISEASE/INJU DISEASE CODE	OST FOR EACH	YES1 NO2>>22	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	NUMBER
301	CALF													
302	STEER/HEIFER													
303	COW													
304	BULL													
3304	ох													
3305	DONKEY/MULE/HORSE													
307	GOAT													
308	SHEEP													
309	PIG													
3310	CHICKEN-LAYER/ CHICKEN-BROILER													
311	LOCAL-HEN													
313	LOCAL-COCK													
3314	TURKEY/GUINEA FOWL													
315	DUCK													
319	DOVE/PIGEON													
318	OTHER (SPECIFY)													

AG-MODULE R: LIVESTOCK (CONTINUED)

		R23		R23_1	R24
LIVESTOCK	LIVESTOCK	Who provid vaccination [LIVESTOC LIST UP TO : NETWORK F	services for K]? 2 FROM	What was the name of the vaccine? REFER TO THE VACCINE CODES.	Against which main disease did your household vaccinate [LIVESTOCK]? REFER TO THE DISEASE CODES BELOW.
		NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	VACCINE CODE	DISEASE CODE
301	CALF				
302	STEER/HEIFER				
303	cow				
304	BULL				
3304	ох				
3305	DONKEY/MULE/HORSE				
307	GOAT				
308	SHEEP				
309	PIG				
3310	CHICKEN-LAYER/ CHICKEN-BROILER				
311	LOCAL-HEN				
313	LOCAL-COCK				
3314	TURKEY/GUINEA FOWL				
315	DUCK				
319	DOVE/PIGEON				
318	OTHER (SPECIFY)				

R25	R26	R27	R28	R29
During the last	During the last	During the last	During the last 12	During the last 12
12 months,	12 months, how	12 months,	months, how much	months, how much
how much did	much did your	how much did	did your household	did your household
your	household	your household	spend in total on	spend in total on
household	spend in total	spend in total	other veterinary	housing equipment,
spend in total	on animal feed	on medicine	services, including	feeding utensils or
on hired labor	for all types of	and_	dipping, deworming	any other input for all
for all types of	livestock owned	vaccinations for	and artificial	types of livestock
livestock	by your	all types of	insemination, for all	owned by your
owned by your	household?	livestock	types of livestock	household?
household?	EXCLUDE OWN-	owned by your	owned by your	EXCLUDE ALL
IF NONE,	CROPS USED AS	household?	household?	LIVESTOCK-RELATED
RECORD	ANIMAL FEED. IF	IF NONE,	IF NONE,	FARM STRUCTURES.
ZERO.	NONE, RECORD	RECORD ZERO.	RECORD ZERO.	IF NONE, RECORD
	ZERO.			ZERO.
İ				
MK	MK	MK	MK	MK

CODES	FOR	21	æ	24	:				
Africa	an Si	wine	e E	ev	er	 			
Amapla	asmo	sis							
Bruce:	losi	s				 			
Mange								. 1	
New Ca	astl	e Di	ise	eas	e.			. 2	2
Small	Pox							. 2	2
Other	/Spe	cify	y					. 2	2 !

ENUMERATOR: RECORD END TIME FOR MODULE R:

HOURS MINUTES

AG-MODULE S: LIVESTOCK PRODUCTS

ENUMERATOR: RECORD START DATE & TIME FOR MODULE S:

s

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1.

		S01	S02	S03		S04	S05		S06	S07	
PRODUCT	PRODUCT	Did your household	During the last	During these m	nonths,	Did you sell any of	How much o	f the	What was the	Who in your h	ousehold
CODE	NAME	produce any	12 months, for	what was the a	verage	the [PRODUCT]	[PRODUCT]		total value of	kept/decided v	what to do with
		[PRODUCT] during	how many	quantity of		that you produced	produced did			the earnings fr	om
		the last 12 months?		[PRODUCT] pi			in the last 12	2 months?	[PRODUCT] in	[PRODUCT]?	
			household	per month?		months?			the last 12		
		RECORD AN ANSWER FOR EACH	produce any						months?	LIST UP TO 2 F	
		TYPE OF LIVESTOCK	[PRODUCT]?							HOUSEHOLD F	ROSTER
		PRODUCT BEFORE							ESTIMATE THE VALUE OF IN-		
		GOING THROUGH							KIND		
		THE ENTIRE							PAYMENTS.		
		MODULE FOR EACH		CODEC FOR II	NT.						
		APPLICABLE ROW, ONE ROW AT A		CODES FOR U			LITRE				
		TIME.		KILOGRAM			KILOGRAM	2			
				PIECE BUCKET			PIECE				
				WHEELBARROW			BUCKET WHEELBARRO				
				OX CART			OX CART				
		YES1		OTHER	_	YES1	OTHER	_			
		NO2 >> NEXT ROW		(SPECIFY)	/	NO2>>9	(SPECIFY).	7		HH ROSTER	HH ROSTER
		NEAT ROW	NUMBER OF	QUANTITY /	UNIT		QUANTITY	UNIT	MK	ID CODE # 1	ID CODE # 2
l			MONTHS	MONTH			1				
401	COW MILK										
402	CHICKEN EGGS										
403	GUINEA FOWL EGGS										
404	MEAT										
406	SKINS AND HIDES										
407	MANURE										
	OTHER										
408	(SPECIFY)										

AG-MODULE S: LIVESTOCK PRODUCTS (CONTINUED)

		S08	S09		S10		S11		S11_1		S12	S13	1
PRODUCT	PRODUCT		How much of		How much of the		How much of the		How much of the		Did you incur any	What was the total	
CODE	NAME		PRODUCT] pi		produced did you				[PRODUCT] produ		expenses, such as	value of these	
			did your house		last 12 months a		you give out in the		bad/rotten and had	to be	labor costs,	additional	
		that you	consume in th	e last 12	reimbursements				thrown away?		additional inputs,	expenses?	
		sold?	months?		or any other serv	ice received?	for inputs borrowe		IF NOTHING, RECO	DD 7500	transport, etc. in the		
			IF NOTHING, R	CODD	EXCLUDE REIMB	IDCEMENTO	acquired on credit	?	FOR "QUANTITY" A		production of		
			ZERO FOR "QL		FOR INPUTS BOR		IF NOTHING, RECO	DRD ZERO	CONTINUE TO 12.	110	[PRODUCT] in the last 12 months?		
			AND CONTINU		ACQUIRED ON C		FOR "QUANTITY" A				last 12 months?		
			7412 00111110	L 10 10.			CONTINUE TO 11_						
					"QUANTITY" AND								
					11.								
			CODES FOR	JNIT:	CODES FOR		CODES FOR UN	IT:	CODES FOR UN	IT:			
					LITRE		LITRE KILOGRAM		LITRE KILOGRAM				
			KILOGRAM PIECE		KILOGRAM PIECE		PIECE		PIECE				
			BUCKET		BUCKET		BUCKET	. 4	BUCKET	. 4			
			WHEELBARRO		WHEELBAR		WHEELBARROW.		WHEELBARROW.		YES1	(THEN >>	
			OX CART OTHER	6	OX CART.	6	OX CART	. 6	OX CART	. 6	NO2 >>	NEXT ROW)	
		NETWORK	(SPECIFY).	7	(SPECIFY)	7	(SPECIFY)	.7	(SPECIFY)	.7	NEXT ROW		
		ROSTER ID CODE # 1	QUANTITY	UNIT	QUANTITY	UNIT	QUANTITY	UNIT	QUANTITY	UNIT		MK	
		1			1		1		1		1		ENUMERATOR: RECORD
401	COW MILK												PRIMARY
101	COTT MILET												RESPONDENT
402	CHICKEN EGGS		ļ										ID FOR MODULE S
403	GUINEA FOWL EGGS												ID
404	MEAT												ENUMERATOR: RECORD
													END TIME
406	SKINS AND HIDES												FOR MODULE S:
407	MANURE												
407	OTHER	 	-		-		-	-		-			1
408	(SPECIFY)												HOURS MINUTES
700	(=:==:::/								I		1		HOURS MINUTES

AG-MODULE T: ACCESS TO EXTENSION SERVICES

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

CODE	ТОРІС	T01 During the [REFERENCE RAINY SEASON], did you or anyone in your household receive any advice on YES1 NO2 >> NEXT TOPIC	T02 What was the main source of the advice on [TOPIC]?	T03 Did you follow the advice received on [TOPIC]? YES1 NO2
301	New Seed Varieties			
302	Pest Control			
303	Fertilizer Use			
304	Pit Planting			
305	Irrigation			
306	Composting			
307	Marketing/Crop Sales			
308	Growing/Selling Tobacco			
309	Access to Credit			
310	Forestry			
311	General Animal Care			
312	Animal Diseases / Vaccination			
313	Fishery Production			
314	Contract Farming			
315	Agroforestry			
316	Other SPECIFY			

CODES FOR SOURCE:
Gov. Agricultural Extension Service1 Private Agricultural Extension Service2 Gov. Fishery Extension Service
(**************************************

AG-MODULE T: ACCESS TO EXTENSION SERVICES

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

		ı	ITOE				TOE 4	ITOC		T07	Too	ITOO	T40	IT44
		MARK WITH	T05		نا∹ممعامام	ام ما	T05_1 Did the	T06	ا- نام مممانا	T07	T08	T09 Did you or any	T10	T11
		"X" ALL		our housel		ea	household	How many						On average, how useful
		SOURCES		nformation				someone f			times did you or		total did your	
		IDENTIFIED	SOURCE	E] during the	ne last 12	months?	member(s)	[SOURCE]		of your household	any member of	your	household pay	was the
		IN THE	LICT EDG	OM HOUS		00TED	request or	farm during		visit or meet with the	,	household pay		advice /
		PREVIOUS	LIST FRO	JM HOUS	EHOLD RO	JSTER.	otherwise	12 months		[SOURCE] at a	attend_	anything in	advice /	information
		PAGE.					demand the	many of th		location other than	[SOURCE] in	order to	information	received from
							advice from	were solici	ted?	,	the last 12	receive any	from	[SOURCE]?
		ASK THE					this	IF NONE, F	RECORD		months? RECORD THE	type of advice	[SOURCE]	READ
		FOLLOWING					[SOURCE]?	ZERO IN BO		12 months? RECORD THE TOTAL	TOTAL FOR THE	/ information	during the last	RESPONSES
		QUESTIONS						COLUMNS.	3111		ENTIRE HH. IF	from	12 months?	RESPONSES
		FOR EACH SOURCE						0020			NONE, RECORD	[SOURCE]	INCLUDE: ESTIMATED	Useless1
		MARKED								ZERO.	ZERO.	during the last	VALUE OF IN-	Not very
		WITH "X" IN					1	70741				12 months?	KIND	useful2
		TURN.	HH ROSTER	HH ROSTER	HH ROSTER	HH ROSTER		TOTAL NUMBER	NUMBER OF SOLICITED				PAYMENTS	Useful3
CODE	SOURCE		ID CODE	ID CODE	ID CODE	ID CODE	Yes1 No2	OF VISITS	VISITS	NUMBER	NUMBER	Yes1 No2>>11	MK	Very useful4
	000.102		#1	#2	#3	#4	1102					NO2//11		
1	Gov. Agricultural													
	Extension Service													
2	Private Agricultural													
	Extension Service													
3	Gov. Fishery													
	Extension Service													
4	NGO													
5	Agricultural Coop/													
5	Farmers' Assoc.													
6	Fishing Coop													
O	r isning Coop													
7	Farmer Field Days /													
	Field School													
8	Village Agricultural													
	Extension Meeting													
9	Agricultural Extension													
	Course													
10	Lead Farmer						l							1
44	Other Farmer								-					
11	(Neighbor / Relative)													
12	Electronic Media													
IΖ	(TV, Radio, Etc)													
13	Paper Media								$\overline{}$					
13	(Handouts/Flyers)													
14	Other													
14	(Specify)													
	(Opooliy)													

	LAND DISPOSITION S PANEL HOUSEHOLDS, ALL QI	UESTIONS ARE AD	MINISTERED	IN VISIT 2.					ERATOR: RECORD S	START DAT	E &		7	
years?	ehold sold, given away, or los				>> NEXT			TIME F	OK <u>MODULE U.</u>		_	DAY MONTH HOURS MINUTES		
ENUMERATOR: AFTE	R CREATING THE ROSTER OF			ENTIRE MO		GARDEN A								
GARDEN ID ENUMERATOR: PLEASE LIST ALL GARDENS THAT YOUR HOUSEHOLD HAS SOLD, GIVEN AWAY, OR LOST IN THE LAST 10 YEARS.	U01 How did your household acquire this [GARDEN]?	U01_1 In what year did your household acquire this [GARDEN]?	U02 From whom acquire this [GARDEN]? LIST UP TO NETWORK F	2 FROM	Who in the household this [GAR] LIST UP TOWNERS HOUSEHORDSTER	d owned DEN]? O 2 JOINT FROM	U04 What year did your household sell, give away, or lose this [GARDEN]? IF DON'T KNOW, RECORD 8888.	U05 What kind of land was or is this [GARDEN]?	U06 What was the are [GARDEN]? ENUMERATOR: AS TO ESTIMATE THE	SK THE FA	RMER	U07 How did your household part with this [GARDEN]?	U08 Who purch received, or [GARDEN]? LIST UP TO NETWORK I	r took this ? 2 FROM
PLEASE NOTE THAT THESE GARDENS DO NOT CORRESPOND TO ANY GARDENS PREVIOUSLY LISTED IN THE QUESTIONNAIRE	GRANTED BY LOCAL LEADERS1>>U03 INHERITED2 BRIDE PRICE3 PURCHASED WITH TITIE4>>U03 PURCHASED WITHOUT TITLE5>>U03 OTHER (SPECIFY).11>>13	YEAR [4-DIGIT]	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2	HH ROSTER ID CODE #1	HH ROSTER ID CODE #2	YEAR [4-DIGIT]	AGRICULTURE1 RESIDENTIAL2 FOREST(ED)3 PASTURE/GRAZING LAND4 MINERAL LAND5	CODES FOR ACRE HECTARE SQUARE ME YARDS OTHER (SP FARMER E AREA	TERS	2 3 1 5	SOLD1 GIVEN AWAY2 TAKEN BY LOCAL AUTHORITIES3>>NEXT ROW TAKEN BY GOVERNMENT4>>NEXT ROW TAKEN BY INDIVIDUALS5 ABANDONED6>NEXT ROW TRADED FOR ANOTHER PLOT7>>NEXT ROW OTHER SPECIFY)8>>NEXT ROW	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2
U01														
U02														
U03														
U04														
U05														
U06														
1107														

U08

U09

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE U:		ENUMERATOR: RECORD END TIME		
	ID	FOR MODULE II:	HOURS	MINUTE

AG-MODULE V: LAND TENURE

V07

V08

V09

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

ENUMERATOR: AFTER CREATING THE ROSTER OF GARDENS, GO THROUGH THE ENTIRE MODULE ONE GARDEN AT A TIME.

V0A. Do you or anyone in your household currently own any gardens?

YES1				
NO2	>>	END	OF	QUESTIONNAIRE

NUMERATOR: RECORD START DATE &			П	Τ
ME FOR MODULE V:			Ш	
WILL I OIK WODDLE V.	DAY	MONTH		

With whom was the Where did you first go GARDEN GARDEN NAME Have you ever had any In what year was the What was the nature of Why did you choose this Is the most recent Who resolved the most Were you satisfied How much has/had land dispute or most recent dispute or the most recent dispute most recent dispute for arbitration to resolve level/office to resolve the dispute or recent dispute or with the resolution the household diagreements with any disagreement over this or disagreement over this or disagreement over the most recent dispute most recent dispute or disagreement over disagreement over this of the most recent spent in solving the [GARDEN]? GARDEN]? this [GARDEN]? this [GARDEN] [GARDEN]? ENUMERATOR: one over this or disagreement over disagreement over this dispute or most recent dispute [GARDEN]? this [GARDEN]? [GARDEN]? resolved? disagreement over or disagreement on PLEASE LIST ALI this [GARDEN]? this [GARDEN]? GARDENS THAT YOUR HOUSEHOLD CURRENTLY OWNS NOWHERE.....1 BOUNDARY DISPUTE..1 CLAN/ELDER.....2 OWNERSHIP; INHERITANO NOWHERE.....1 MORE VILLAGE RELATED.....2 CLAN/ELDER.....2 RESPONSIVE.....1 HEADMAN......3 VIII.LAGE OWNERSHIP: SALES EASILY ACCESSIBLE..2 HEADMAN.........3 YES...1 RELATED........3
OWNERSHIP: MORE NEIGHBORS.....4 NO...2>>NEXT KNOWLEDGEABLE.....3 LC COURT.....5 GARDEN EXPROPRIATION....4 NEIGHBORS.....4 MAGISTRATE.....6 WITHIN FAMILY..1 LC COURT.....5 MAGISTRATE....6 OWNERSHIP: PROTOCOL DICTATES..4 TRIED TO OTHER......5
RENTAL RELATED...6
OTHER (SPECIFY)...7 OTHER PRIVATE..2 WAS PREFERRED/ SORT OUT GOVERNMENT....3 TRIED TO ADVISED.....5 THEMSELVES.....7 YES...1 OTHER SORT OUT LESS COSTLY.....6 OTHER (SPECIFY)....7 OTHER (SPECIFY)..8 YES...1 NO....2>>V10 SPECIFY).....4 YEAR [4-DIGIT] THEMSELVES.....7 NO...2 MWK V01 V02 V03 V04 V05 V06

AG-MODULE V: LAND TENURE (CONTINUED)

	V11	V12	V13	V14	V15	V16	V17
ID	How likely do you think it is that there will be disagreement over the ownership rights to this [GARDEN] in the next 5 years?	What is the main concern?	With whom will be the disagreement?	How likely do you think it is that you possess this [GARDEN] in ten years?	If tenure insecure, what is the main agent(s)/source(s) of tenure insecurity on this [GARDEN]?	What action can you take to protect yourself from loss of this [GARDEN]?	In case your [GARDEN] is taken, do you expect compenstion for the land loss?
	NOT AT ALL 1 SOMEWHAT LIKELY 2 LIKELY 3 VERY LIKELY 4 CERTAIN,	BOUNDARY DISPUTE1 OWNERSHIP: INHERITANCE RELATED	WITHIN FAMILY1 OTHER PRIVATE2 GOVERNMENT3 OTHER SPECIFY)4	NOT AT ALL. 1 SOMEWHAT LIKELY. 2 LIKELY. 3 VERY LIKELY, 4 CERTAIN, FOR SURE. 5	NEIGHBORS	CULTIVATE THE LAND	YES1 NO2 DON'T KNOW3
					ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE V:		

NETWORK ROSTER

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

CODES FOR QUESTION 2:
RELATIVE1
FRIEND/NEIGHBOR2
VDC MEMBER3
VILLAGE HEADMAN4
TRADITIONAL AUTHORITY5
POLITICAL LEADER6
MAIN FARM/PLOT7
ROADSIDE8
MOBILE MARKET9
LOCAL MARKET10
PRIVATE TRADER IN LOCAL MARKET11
LOCAL MERCHANT/GROCERY12
MAIN MARKET13
PRIVATE TRADER IN MAIN MARKET14
AUCTION IN MAIN MARKET15
PRIVATE COMPANY/BUSINESS PERSON16
EMPLOYER17
GOVERNMENT AGENCY18
PARLIAMENT MEMBER19
MONEY LENDER/KATAPILA20
PRIVATE MICROFINANCE INSTITUTION.21
SAVINGS & CREDIT COOPERATIVE22
COMMERCIAL BANK23
GOVERNMENT-FINANCED LENDER24
PARASTATAL ORGANIZATION25
AGRICULTURAL COOPERATIVE26
FARMER BASED CLUB/ASSOCIATION27
NGO28
TRUST29
PRIVATE VETERINARY30
DISTRICT VETERINARY31
RELIGIOUS GROUP/INSTITUTION32
OTHER (SPECIFY)33
VILLAGE OPEN FORUM34
SELF-VACCINNATION35

CODES FOR QUESTION 3:
WITHIN THE VILLAGE1
NEAR THE VILLAGE2
IN/NEAR THE TOWN
IN/NEAR THE DISTRICT/URBAN CENTER.4
OUTSIDE THE DISTRICT5
OUTSIDE THE REGION6

CROP/SEED CODES

CROP/SEED MASTER LIST

MAIZE1
TOBACCO5
GROUNDNUT
RICE17
GROUND BEAN (NZAMA)27
SWEET POTATO28
IRISH [MALAWI] POTATO29
WHEAT30
FINGER MILLET (MAWERE) 31
SORGHUM
PEARL MILLET (MCHEWERE) .33
, , , , , , , , , , , , , , , , , , , ,
BEANS
SOYABEAN
PIGEONPEA (NANDOLO)36
COTTON
SUNFLOWER
SUGAR CANE39
CABBAGE40
TANAPOSI41
NKHWANI42
THERERE/OKRA43
TOMATO44
ONION45
PEA46
PAPRIKA47
OTHER (SPECIFY)48

TREE/PERMANENT CROP MASTER LIST

CASSAVA1
TEA2
COFFEE3
MANGO4
ORANGE5
PAWPAW/PAPAYA6
BANANA7
AVOCADO8
GUAVA9
LEMON10
NAARTJE (TANGERINE)11
PEACH12
[CUSTADE APPLE] POZA13
MEXICAN APPLE [MASUKU]14
MASAU15
PINEAPPLE16
MACADAMIA17
FODDER TREES18
FERTILISER TREES19
FUEL WOOD TREES20
OTHER (SPECIFY)21

FODDER TREES

SIENTIFIC NAME

LEUCAENA LEUCOCEPHALA (LUKINA)	1801
BAUHINIA THONNINGI(CHITIMBE)	1802
FICUS CAPENSIS (MKUYU)	1803
SESBANIA SESBAN (NJERENJERE)	1804
OTHERS)	1805

FERTILZER TREES

SIENTIFIC NAME

FUEL WOOD TREES

SIENTIFIC NAME

SENNA SIAME	A (KHESYA WAMILIMO)2003
ACACIA GALP	INI (NKUNGU) 2002
ACACIA POLY	ACANTHA (MTHETE 2003
GRLIRICIDIA	SEPIUM 2004
ALBIZIA LEB	BECK
(MTANGATANG	A)
AZADIRACHTA	INDICA (NIMU)2006
OTHERS)	200

LIVESTOCK CODES

LIVESTOCK MASTER LIST

CODES FOR LIVESTOCK I	DISEASES	POULTRY:
AVIAN INFLUENZA		1
COCCIDIOSIS (Kamwa	azi)	2
FOWL CHOLERA		3
FOWL POX(Nthomba)		4
FOWL TYPHOID		5
GUMBORO(Khuputo)		6
NEW CASTTLE(Chitopa, Ch	nidelu)	7
BLACK HEAD		
MAREKS DISEASE		9
INFECTIOUS BROCHNITIE	ES	10
INFECTIOUS LARYNGEAL	TRACHEIT	IS11
MYCOPLASMOSIS		12
INFECTIOUS CORYZA		
ASPERGILLOSIS		14
CODES FOR LIVESTOCK I	DISEASES	CATTLE&
GOATS		
EAST COST FEVER (Chic	godola ch	a
ng'ombe)		16
HEART		
WATER (Khunyu)		17
ANAPLASMOSISI (Mateno Chikasu)		10
ANTHRAX		
BABEISIOSIS (Likodzo		
ng'ombe)		20
FOOT AND MOUTH DISEAS		
LUMPY SKIN (Matenda a	a zotupat	upa-
Kalimbwi)		
CBPP		23
CCPP		24
RABIES		
(Chiwewe)		25
TRYPANOSOMIASIS (Mate		
kaodzela)		
PPR		
BLACK QUARTER		
Tuberculosis (Chifuwa cha ng,ombe)		
CODES FOR LIVESTOCK I		
AFRICAN SWINE FEVER.		
FOOT AND MOUTH DISEAS		
HOG CHOLERA		
WORMS		

CODES FOR CATTLE BREEDS:
FRESIAN1
GUERSEY2
JERSEY3
AYRHIRE4
BROWN SWISS5
FLECKVIEH6
ANKOLE7
ZEBU8
NGANDA9
SAHIWAL10
REDPOLI11
HEREFORD12
BORAN
BOSMORA14
OTHER CROSSES
OTHER (SPECIFY)18
CODES FOR GOATS BREEDS:
BOER1
GALLA2
MUBENDE3
KIGEZI4
SMALL EAST AFRICAN5
SANEEN6
TOGGERN BURG7
ANGLONUBIAN8
ANGORA GOATS9
ALPINE GOATS10

OTHER CROSSES.....11 OTHER (SPECIFY).....12 CODES FOR CHICKEN BREEDS: BOILER-PLYMOUTH ROCK.....1 CORNISH.....2 SUSSEX LAYERS- LEGHORN....3 MINOCA.....4 RHODE ISLAND RED.....5 ANCONA.....6 NEW HAMPSHIRE.....7 PLYMOUTH.....8 OTHER (SPECIFY).....9 LOCAL CHICKEN BREEDS: KANSILANGA.....1 KAMBWATA.....2 KADZIMETE/KAMETE.....3 KATSUMBA....

LIVETSOCK BREED MASTER LIST

CODES FOR PIG BREEDS:
LOCAL1
LARGE WHITE2
LAND RACE3
DUROC4
TRISTER5
CODES FOR SHEEP BREEDS:
EAST AFRICAN BLACK HEADED.1
WHITE TYPE2
RED SHEEP- SHORT LEGGED3
OTHER (SPECIFY)4

VACCINES FOR CHICKEN:
MAREKS FOR MAREKS1
HITCHNER FOR NEWCASTLE2
LASOTA FOR NEWCASTLE3
1-2 FOR NEWCASTLE4
BURSINE FOR BURSA (GUMBORO)5
POXINE FOR FOWL POX 6
VACCINES FOR CATTLE:
EAST COAST FEVER VACCINE1
BLACK QUARTER VACCINE2
RABISIN3
FOOT AND MOUTH VACCINE4
DIES WALLEY WASSING
RIFT VALLEY VACCINE5