AUTHORIZED FOR PUBLIC DISCLOSURE



Questionnaire	
Number	

Malawi Government National Statistical Office

FIFTH INTEGRATED HOUSEHOLD SURVEY 2019/2020 AND THE INTEGRATED HOUSEHOLD PANEL SURVEY 2019

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 IDEN	TIFICATION						
WRITE CODES FOR TA, STA, OR TOWN; EA; A	AND HH ID. WRITE NAME OF DIS	STRICT; TA; VILLAGE; AND H	OUSEHOLD HEAD.				
	CODE		NAME				
A01. DISTRICT:							
A02. TA, STA, or TOWN:							
A03. ENUMERATION AREA:							
A04. PLACE / VILLAGE NAME:							
A04b. EXTENSION PLANNING AREA:							
A05. PANEL OR CROSS-SECTIONAL:	CROSS-SECTION1 PANEL A2>>A09 PANEL B3>>A09						
A06. HOUSEHOLD ID (FROM LIST):							
A07. NAME OF HOUSEHOLD HEAD:							
A08. DWELLING STRUCTURE NO. (FROI	M LIST): CODE		(THEN>>A15)				
09: IHPS Y3_HHID FROM TRACKING FO	DRM:		-				
A10. NAME OF HOUSEHOLD HEAD FROM	VI IHPS:						
A11. LOCATION OF HOUSEHOLD:	SAME DWELLING UNITDIFFERENT DWELLING UNIT W DIFFERENT VILLAGE/URBAN L DIFFERENT VILLAGE/URBAN L	WITHIN SAME VILLAGE/URBA LOCATION, WITHIN SAME DIS	N LOCATION2 STRICT3	3			
A12. IHPS 2016 ROSTER ID & NAME OF 1	FRACKING TARGET:						
A13. CURRENT NAME OF HOUSEHOLD H	HEAD:						
A14. LOWEST IHPS 2016 ROSTER ID NUI	MBER FROM SECTION B. QU	JESTION 06 1:		REFER TO COMPLE	TED TO AND CONFIRM	/ IN MODULE B HOUSEHOLD RO	OSTER

MODULE A	-2: SURVEY	STAFF		ILS SIT 1							VISIT 2 (C	ONLY AP	PLICA	BLE FO	R PANE	L HOUS	EHOLDS)	
A15. ENUMERA	ATOR CODE:								A24. E	NUMERA	TOR COD		-					
A16. ENUMERA	ATOR NAME:							<u> </u>	A25. E	NUMERA	TOR NAM	E:						
1	DATE	STA	RT	F	ND	MOD	ULES	7			DAT	E	STA	ART	EN	ND	MODULI	ES
A17. Attempt 1									A26.	Attempt 1								
Attempt 2										Attempt 2								
Attempt 3										Attempt 3								
		НН	MM	НН	MM El	NUMERATOR	>> NEXT PA	AGE					НН	MM	НН	MM ENU	UMERATOR>	> NEXT PAGE
A18. SUPERVIS	SOR CODE:								A27. S	UPERVIS	OR CODE	i:						
A19. SUPERVIS	SOR NAME:								A28. S	UPERVIS	OR NAME	i:						
A20. DATE OF	INSPECTION:							_	A29. D	ATE OF I	NSPECTIO	ON:						
DECORD CENERS	L NOTES ABOUT	TIID TIMBBU	DD	MM	YY		muam urra	DD HELDEN	PROOF	D CENTED 3	T NOMEO 3	DOUM MI	D TAIMD	DD	MM	YYY		ON MUNICIPAL MATERIA
RECORD GENERA		FOR SUPER					THAT WILL	BE HELPFU.	L RECOR	D GENERA		LPFUL FO						ON THAT WILL
PLEASE MARK HOUSEHOLD PROVIDE DET										ISEHOLD F	(AN `X' IN B REFUSAL. P							

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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?

2017/20181	2018/20192	
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ENUMERATOR: RECORD START DATE &				
TIME FOR MODULE B-2:	DAY	MONTH	HOURS	MINUTES

ENUMERATOR: ASK THE FOLLOWING FOR EACH RAINY GARDEN RECORDED IN HH-MODULE F1_1(QUESTION 5_1). GO THROUGH THE ENTIRE MODULE ONE GARDEN AT A TIME.

GARDEN ID	B_2_02	B_2_03_	_1	B_2_03_2	B_2_04_3	B_2_0	4_4					B_2_04_4a	B_2_05	B_2_06	B_2_04_	_8					B_2_07
PRE-POPULATED WITH GARDENS THAT OF ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F. 1 AND FINAT ARE CULTIVATED DURING THE RAINY SEASON.	ENUMER- ATOR: RECORD THE ID OF THE RESPONDENT	From whyou acqu [GARDE LIST UP T FROM NETWOR ROSTER	om did uire this N]? TO 2	In which year was this [GARDEN] acquired?	Does your household currently have an informal document that certifies your ownership rights to this [GARDEN]?	Who is as own LIST U HOUSE	s listed ner of th	on this inis [GAR JOINT C ROSTER OSTER	RDEN]?	FROM	nent		If you were to sell this [GARDEN] today, how much could you sell it for?		LIST UP 1 HOUSEH NETWOR	ARDEN ho woul TO 4 JO OLD RO	d decid	e how t	he mor	ney is	ENUMER- ATOR: IS THIS A CROSS- SECTIONAL HOUSE- HOLD?
	HH ROSTER ID CODE	NWID CODE #1	NWID CODE #2	4-DIGIT YEAR	TAX RECEIPT	HHID CODE #1	HHID CODE #1	HHID CODE #1	HHID CODE #1	NWID CODE #1	NWID CODE #2	YES1 NO2	мк	MK	HHID CODE #1	HHID CODE #1	HHID CODE #1	HHID CODE #1		NWID CODE #2	YES1 NO2 >>10
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RG01																					
RG02																					
RG03																					
RG04																					
RG05																					
RG06																					
RG07																					
RG08																					
RG09																					

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

RENTED IN

	RENTED	IIN																		
GARDEN ID	B_2_08				B_2_09		B_2_10				B_2_11				B_2_12	B_2_13		B_2_13		B_2_14
NS THAT OLD 1 AND NG THE	How much [GARDEN] any, in the SEASON]	did you [REFER	give as		How much of the owner for of [GARDEN] [REFERENCE]	r the use I] in the	How much or are you supp any, in the [R SEASON]?	osed to give	as rent,	, if				ne owner for the ENCE RAINY	What <u>period of</u> <u>time</u> did this payment cover?	Who owns [GARDEN]]?	Who in househed the use to [GAR	old has rights	During the [REFERENCE RAINY SEASON], is this [GARDEN] READ ANSWERS
PRE-POPULATED WITH GARDENS THAT GARE LISTED IN HOUSEHOLD QUESTIONNAME MODULE F_1 AND THAT ARE CULTIVATED DURING THE RAINY SEASON.	ENTER ZEI NO OUTPU RENT, AND MORE THA GIVEN AS I MAIN GRO 50 KG PAIL PAIL NO. 1	T WAS GI CONTINI N TWO C RENT, AS FOR UNI RAM BAG (SMALL). (LARGE).	VEN AS UE TO 9. ROPS W K ABOU T:	S . IF /ERE	SEASON]? ENTER ZERC PAYMENT H/ MADE. EXCL PAYMENTS E OUTPUT IF C OF CROP IS AS RENT. ESTIMATE TI OF IN-KIND F	AS BEEN UDE BY CROP INE TYPE TO BE PAID HE VALUE PAYMENTS.	ENTER ZERO OUTPUT WILL CONTINUE TO CROPS WILL MAIN CROP. CODES FOR U KILOGRAM 50 KG BAG	L BE GIVEN A O 11. IF MORI BE PAID, ASI CODE S:SH U:UN NOTA NIT:1	S RENT	TWO THE	How much the use of [RAINY SEATION SEA	THE VALUE OF do you still ha GARDEN] in the SON]? O IF NO PAYM MATE THE VAL EXCLUDE PA	VE TO PARTY WILLIAM OF LUE OF LYMENT	ay the owner for FERENCE LL BE IN-KIND S BY CROP S TO BE PAID	READ ANSWERS	FROM NE'ROSTER		LIST UF FROM HOUSE ROSTE	HOLD	Cultivated1 >> END OF MODULE Rented out2 Gave out for free3 >> END OF MODULE Fallow4 >> END OF MODULE Forest / Woodlot5 >> END OF MODULE Pasture6 >> END OF MODULE
Ĭ <u>ē</u>	PIECE OX-CA OTHER (SPEC	2 PLATE. RT IFY) E FOR S/HELLED.	8 9 12 13	ı		>> 12)	PAIL (SMALL PAIL (LARGE NO. 10 PLAT NO. 12 PLAT BUNCH PIECE OX-CART OTHER (SPECIFY)	E6 E7 8 9			WILL BE PA KIND PAYM THAN THE (ID AS RENT, II ENTS THE VAI DNE RECORDI	NCLUDE LUE OF ED IN QI	AS PART OF IN- CROPS OTHER JESTION 10.	Rainy Season1 Full Year (Rainy & Dimba					Other (Specify)7 >> END OF MODULE
	U:U	NSHELLED APPLICAE	2	S/U	CASH	IN-KIND	CROP CROP	T QUANTITY	UNIT	S/U	CASH	IN-KIND MK	CASH	IN-KIND MK	Seasons)2 Other (Specify)3	NETWORK ROSTER ID CODE #1	NETWOR K ROSTER ID CODE		HH ROSTER ID CODE #2	
	TYPE	TUANTI	UNIT	3/0	IVIT	IVIT	TYPE	QUANTITY	UNIT	3/0	IVIT	IVIT	IVIT	IVIT		#1	#2	#1	#2	
																	l		l	

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

		RENTED	OUT													
GARDEN ID	B_2_15	B_2_16				B_2_1	7	B_2_18				B_2_				B_2_20
DENS THAT HOLD F_1 AND RING THE	ENUMERATOR: IS THIS A CROSS-SECTIONAL HOUSEHOLD?	you receive [REFEREN	output from the as rent, if any	y, in the EASON]?	•	receive renting [GARI	nuch did you e from g out this DEN] in the RENCE	you suppos	output from this ed to receive a RENCE RAINY	s rent, if any	y, in	this [0 SEAS	much did you alrea GARDEN] in the [R GON]? R ZERO IF NOTHIN	REFERENCE RAIN	NY	What period of time did this payment cover?
PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD GUESTIONNARE MODULE F. 1 AND THAT ARE CULTINATED DURING THE RAINY SEASON.		WAS RECE 17. IF MORE	RO FOR "QUAN IVED AS RENT E THAN TWO C ASK ABOUT T	, AND CON ROPS WILI	TINUE TO L BE	ENTER NOTHI RECEI RENT.	SEASON]? R ZERO IF NG WAS VED AS EXCLUDE	WILL BE RE TWO CROPS THE MAIN C	O FOR "QUANT CEIVED AS REI S WILL BE RECI ROP.	NT. IF MORE	THAN	How in renting RAIN	MATE THE VALUE Of much are you still s g out this [GARDE Y SEASON]?	OF IN-KIND RECEIP supposed to receiv EN] in the [REFER	rts. ve from ENCE	READ ANSWERS
PRE-POPUL/ ARE LI QUESTION THAT ARE (CODES FOR KILOGRAM. 50 KG BAG PAIL (SMA PAIL (LAR NO. 10 PL NO. 12 PL BUNCH PIECE OX-CART	UNIT: S:S 2 NOT LL)4 GE)5 ATE6 ATE7 8 9	DE FOR S/U SHELLED JNSHELLED PAPPLICABI	1	OUTPL TYPE O TO BE AS REI ESTIM VALUE RECEI THAN O	ATE THE OF IN-KIND PTS. IF MORE ONE TYPE OF	CODES FOR KILOGRAM. 50 KG BAG PAIL (SMA PAIL (LAR NO. 10 PL NO. 12 PL BUNCH PIECE OX-CART. OTHER	1 S: 2 U: LL)4 NC GE)5 ATE6 ATE7 8	DDE FOR S/U SHELLED UNSHELLED DTAPPLICABI	1	ESTII EXCL OF CF THAN INCLU OF CF QUES	R ZERO IF NOTHIN MATE THE VALUE (UDE RECEIPTS BY ROP IS TO BE REC! ONE TYPE OF CR! JDE AS PART OF IN ROPS OTHER THAN STION 18.	OF IN-KIND RECEIF CROP OUTPUT IF EIVED AS RENT. IF OP WILL BE RECEI I-KIND RECEIPTS IN THE ONE RECOR	PTS. ONE TYPE MORE VED, IHE VALUE DED IN	Rainy Season1 Full Year
		OTHER (SPECIFY)					VED AS	(SPECIFY)	13				READY RECEIVED	TO BE RECI		(Rainy & Dimba
	YES1 NO2>>B 2 18					CASH	IN-KIND					CASH	IN-KIND	CASH	IN-KIND	Seasons)2 Other (Specify)3
		CROP TYPE	QUANTITY	UNIT	S/U	MK	MK	CROP TYPE	QUANTITY	UNIT	S/U	MK	MK	MK	MK	

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

ENUMERATOR: RECORD START DATE					1
&					J
TIME FOR MODULE C:	DAY	MONTH	HOURS	MINUTES	

ARDEN ID		C02	C03	C04			C05			C06	C06_1	C07
GAKDENS I HAI DUSEHOLD LE F_1 AND THAT IING THE RAINY	PLOT ID	PLOT NAME	LOCATION & DESCRIPTION	What is the <u>area</u> of this [F ENUMERATOR: ASK THE F MEASURE THE AREA WITH THE REMAINING MODULES AREA WITH GPS <u>AT LEAST</u> RECORD ZEROS TO THE F	ARMER TO ES I THE GPS BE S. MAKE SURE TWICE TO GI LIGHT OF THE	FORE PROCEEDING WITH TO MEASURE THE PLOT ET A CONSISTENT VALUE.	WHICH YOU STARTED AREA MEA	ORDINATES FOR THE CORNER OF THE SUREMENT. PS COORDINATES, PLEASE SPECIFY REA		ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	TOR: RECORD GPS ACCURACY	ENUMERATOR: RECORD THE WEATHER CONDITIONS AT TIM OF MEASUREMENT CODES FOR CONDITION:
PRE-POPULA ED WILL GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F. 1 AND THAT ARE CULTIVATED DURING THE RAINY SEASON.				CODES FOR U	1 2 RS3	b.	LONG DISTANCE WIT LONG DISTANCE OUT HOUSEHOLD REFUSED	HIN THIS DISTRICT1 SIDE THIS DISTRICT2		OGGNESIWITEG		Clear/Sunny1 Mostly Clear / Mostly Sunny2 Partly Cloudy / Partly Sunny3 Mostly Cloudy / Considerable Cloudiness4 Completely
ARE ARE				FARMER ESTIMATION	ON	GPS MEASURE	a.	b.	REASON			Cloudy5 Rainy6
ਰ ੇ				AREA	UNIT	AREA IN ACRES	LATITUDE (S)	LONGITUDE (E)	KEASON			RdIIIy
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							2							DAY	MONTH	HOURS N	MINUTES
		OT RECOR	DED IN AG	MODULE C. GO T	HROUGH THE ENTIRE	PLOT C	HARAC	TERISTI	cs								
makes the decisions concerning crops to be planted, input use and the	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]?	decision r the [PLO] LIST UP TO HOUSEHO MEMBERS	makers on []? O 2 OLD S FROM			the [REF REFER TO QUESTIO IMPORTA IMPORTA	ERENCE O CROP C INNAIRE. L INCE, STAI INT CROP.	RAINY SI ODES AT 1 IST ALL CI RTING WIT DO NOT L	EASON]? THE END C ROPS IN O TH THE MC	OF THE ORDER OF	predominant soil type of this [PLOT]?	D22 What is the soil quality of [PLOT]? READ ANSWERS	D23 How would you rate the extent of erosion on this (PLOT)? READ ANSWERS	causes erosion problem READ AM	of these s? NSWERS	D25 What type of control/water facilities are [PLOT]? READ ANSWE LIST UP TO T STRUCTURES RECORD "1" I 25_2	harvesting on this ERS WO S. IF NONE,
this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER	YES1 NO2 >> 2	HH ROSTER ID CODE #1	HH ROSTER ID CODE #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	151	2ND	3RD	4TH	5TH	Sandy (Mchenga)1 Loam Between sandy & clay (Pakati pa mchenga ndi katondo)2 Clay (Katondo)3 Other (Specify)4	Fair2	No Erosion1 >> 25 Low2 Moderate.3 High4	Floodi Wind Animal Other	ng2 3 .s4	Tree belts. Water harve bunds Drainage	2 htrol34 hss56 est7
1		<u> </u>	1				2.1.0	0.1.5	4							<u> </u>	1
2	PRATOR: WHAT W. OR: ASK THE FOLL E PLOT AT A TIME DO1 Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER	RATOR: WHAT WAS THE REFERENCE R OR: ASK THE FOLLOWING FOR EACH PLE PLOT AT A TIME. D01 D01 Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER HH ROSTER ROSTER THE REFERENCE R D01 Are there other household members that the primary decision maker consults regarding cropping activities on this [PLOT]?	RATOR: WHAT WAS THE REFERENCE RAINY SEAS OR: ASK THE FOLLOWING FOR EACH PLOT RECOR E PLOT AT A TIME. D01 Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER WES 1 10 CODE VES 1 10 CODE VES 1 10 CODE VES 1 10 CODE	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THE PRICE AND SEASON FOR	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD OR: ASK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C. GO T E PLOT AT A TIME. D01	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? OR: ASK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C. GO THROUGH THE ENTIRE E PLOT AT A TIME. D01 Mon in the household makes the decision maker concerning grops to be planted, input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER OWNER HH ROSTER YES1 NO2 >> 2 NO2	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RAINY SEASON FOR THIS HOUSEHOLD RECORDED IN AG-MODULE C. GO THROUGH THE ENTIRE PLOT C.	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RACK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C. GO THROUGH THE ENTIRE E PLOT AT A TIME. D01 Who in the household makes the decision makers on concerning crops to be planted, input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO TO THE DOWNER WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD ROSTER D01_2 Who are the other household members decision makers on the primary decision maker consults regarding crop to tobe imput use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO TO THE DOWNER WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD ROSTER Who are the other household members on the primary decision makers on the primary de	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD REPLOT AT A TIME. DOI	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD REPLOT AT A TIME. DO1 Who in the household makes the decision makers concerning crops to be planted injust use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THIS PLOT TO CORRESPOND TO THE DOWNER WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD (A STER BOODE) DO1_2 Who are the other household makers on the primary decision makers on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THIS DOES NOT NEED TO CORRESPOND TO THE DOWNER WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD (A STER BOODE) DO1_2 Who are the other household members (decision makers on the planted, input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THIS DOES NOT NEED TO CORRESPOND TO THE DOWNER WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD (A During the [REFERENCE RAINY SEASON], is this [PLOT]? READ ANSWERS DO20 What crops were planted on this [PLOT] REFER TO CROP CODES AT THE END OF THE RESPONDENT. LIST FROM HOUSEHOLD (A STER BOODE) REFER TO CROP CODES AT THE END OF THE RESPONDENT. LIST FROM HOUSEHOLD (A STER BOODE) REFER TO CROP CODES AT THE END OF THE RESPONDENT. 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HIS DOES (TO POINT AGENCY OF THE IN OUSEHOLD POINT) THIS DOES (TO POINT AGENCY OF THE IN OUSEHOLD POINT) TO THE OWNER OWNER HI ROSTER OWNER HI ROSTER ROSTER (DOOD IN 1000 IN 10	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD OR: ASK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C. GO THROUGH THE ENTIRE E PLOT AT A TIME. D01 Who in the household members that the primary decision maker concerning crops to be planted, input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER NOT NEED TO OR: ASK THE FOLLOWING FOR EACH PLOT RECORDED IN AG-MODULE C. GO THROUGH THE ENTIRE E PLOT AT A TIME. D02 Who are the other household members that the primary decision makers on the great planted, input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER NOT NEED TO CORRESPOND TO THE OWNER NOT NEED TO CORRESPOND TO THE OWNER HH ROSTER IDCODE NOT. 2 > 2 NOT. 2 > 3 NOT. 2 > 2 NOT. 2 > 3 NOT. 2 > 4 NOT. 2 > 4	ERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1 UNLESS STATED OTHERWISE. ENUMERATOR: RECORD START DATE & TIME FOR MODULE D. 2017/20181 2018/20192	PLOT CHARACTERISTICS DO1 DO1 The fere other household members decision maker concerning crops to be planted input use and timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THIS DOES NOT NEED TO CORRESPOND TO THIS DOES NOT NEED TO CORRESPOND TO TO THE OWNER PLOTT OF THE DOWNER PLOTT OF THE DOWNER PLOTT OF THE OWNER PLOTT	TATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD 2017/20181 2018/20192 DOT	RATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD 2017/20181 2018/20192 DOI DOI

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

PLOT ID	D25 1		D25 2		D26	D27	D28		D29	D30	D31	D32	D33	D34		D35	D35 1	1
1 201 10	When was		What are t	he main	What is the	Is this	What syste	ame of	What is the	What is the	ENUMERATOR:	What was the	For how many		thic	ENUMERATOR:		h did you finish
Щ	investment			ou have not	slope of this	[PLOT]	irrigation, i		method of	source of water	REFER TO	most recent	years was it left				planting this	
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C										on this [PLOT]?	QUESTION 14.		fallow?	[FLO1] IE	it fallow?	IS THIS [PLOT]		
5	[STRUCTU	KEJ	invested in		[PLOT]?	swamp/	on this [PL	.01]?	irrigating	on this [PLO1]?	WAS THIS PLOT	year in which		l		"CULTIVATED"	you finish pla	
	made?		water cons			wetland?			plants/pouring		LEFT FALLOW	this [PLOT] was		LIST UP T	02	ACCORDING TO	[PLOT] in the	
Ļς			structures	on any	READ		READ ANS\	WERS	water on the	READ ANSWERS	DURING THE	left fallow?				QUESTION 14?	second half of	of the month?
Ĕ 4			plots owne	d and/or	ANSWERS				plants on this		[REFERENCE					<u> </u>		
2 2			cultivated	by the			LIST UP TO	2	IPLOT1?			IF NEVER					RECORD MON	ITH AND
# 5			household						[· =+ ·]·		RAINY SEASON]?	RECORD ZERO.		Good fo			WITHIN MONT	
Ė≥̃			riouserioiu						READ ANSWERS					land				
≥≥									KEAD ANSWERS			IF DON'T KNOW,		Lack of				
												RECORD 8888.		non-lab			CODES FO	
T A I							Divert stream	1						inputs.	2		JANUARY.	
45			Requires				Bucket					IF NEVER OR		Lack of			FEBRUARY MARCH	
_ ₹	During las	+ 12	labor Materials				Hand					DON'T KNOW		househo			MARCH	
ĕ	months		materiais available				pump	3				(8888), >> 35.		labour.			MAY	
ݒ	2 years ac		avarrable Materials				Treadle					(0000), >> 33.		Lack of			JUNE	
<u> </u>	3 years ac	03	costly				pump	4						hired			JULY	7
	4 years ac	ro4	No soil o				Motor		Watering					labour.			AUGUST	
	5 years ag		erosion p				pump		can1					Lack of			SEPTEMBE	R9
	More than	5	on any				Gravity		Hose	Well1				equipme Lack of			OCTOBER.	10
	years ago.	6	plots	4	Flat1		Rainfed/N		pipe2	Borehole2				credit.			NOVEMBER	
			Too		Slight		irrigatio	on7>>31	Sprinkler3	Lake /				Other			DECEMBER	12
	(2000)	0.01	risky/ben	efits	slope2		Other		Drip	Pond3				(Specif	v).7		CODES FOR W	TTHIN MONTH
	(THEN >>	20)	unclear	5	Moderate		(Specify) Can	8	irrigation4	River /				Have			TIMING:	
			Other		slope3		irrigatio	n a	Flooding5	Stream4				enough		YES1	1ST HALF	.1
			(Specify)		Steep, hilly4	YES1 NO2	IIIIgacio	,,,,	Other (Specify)6	Other (Specify)5	YES1 >> 33			land	8	NO2 >>	2ND HALF	. 2
	1ST	2ND	1ST	2ND	niiiy4	NU2	1ST	2ND	(Specify)6	(Specity)5	NO2	YEAR [4-DIGIT]	NUMBER OF	1ST	2ND	NEXT PLOT	MONTH	WITHIN MONTH
	151	ZND	151	ZND			151	ZND				TEAR [4-DIGIT]	YEARS	151	ZND		MONTH	WITHIN MONTH
											1		TEARO	L				
					1													
						1												
				i i	i i								İ					
				ı	1	1	I	I				l						1
				ı	1	1	I	I				l						1
				ļ		<u> </u>				ļ								
				ı	1	1	I	I				l						1
				ı	1	1	I	I				l						1
				ı	1	1	I	I				l						1
						1		1										

	ORGANIC FE	DTII 17FD		INODGANIG	CEDT	U 17ED										
				INORGANIC		ILIZEK									D00 4	D00 0
PLOT ID	D36 Did you use any organic	D37 How much fertilizer did		D38 Did you use any	D39 How r	nuch <u>inorg</u>	anic fe	rtilizer did you ap	ply to thi	is [PLO	Π?				D39_1 How many complete	D39_2 How many
PRE-POPULATED WITH PLOTS THAT A LISTED IN MODULE C	fertilizer on this [PLOT] during the [REFERENC E RAINY SEASON]? ANIMAL MANURE.	to this [PLC USE THE SA FOR ALL PL	AME UNIT	inorganic fertilizer on this [PLOT] during the [REFERENC E RAINY SEASON]?	MAIN I THE C How r	FERTILIZER COLUMN FOR many weeks a after plan ON THE TIM	IN THE R "QUA s after ting did	E COLUMN FOR "I NTITY." planting did you I you finish the 2 THE PLANTING.	TYPE", BL finish the	JT NOTE	THE SUM OF	BOTH ation o	RD THE CODE FOR TYPES OF FERTIL In this [PLOT]? HO OT]? REFER TO QU	IZER IN w many	weedings did you do on this [PLOT]? IF NONE>>	weeks after planting did you finish the 1st weeding on this
PRE-POPULAT LIST	MANURE, COMPOST, GREEN MANURE	CODES FO KILOGRAM BUCKET WHEELBAR OX CART. OTHER	12 10 RROW.11			23:21 DAP CAN UREA. D COM OTHER (SPEC	:0+4S/	CHITOWE1 3 4 	GRAM KILOGR 2 KG B 3 KG B 5 KG B 10 KG 50 KG OTHER	AM AG AG AG	.1 .2 .3 .4 .5 .6 .7					[PLOT]?
	YES1 NO2 >>38	(SPECIFY QUANTITY	UNIT	YES1 NO2>> 40	TYPE	F		FERTILIZER PLICATION ENUMERATOR:	# OF	TYPE			FERTILIZER PPLICATION ENUMERATOR:	# OF	# OF	# OF
				1027740				TOTAL KGs	WEEKS				TOTAL KGs	WEEKS	WEEDINGS	WEEKS

	PESTICIDES/H	IFRBIC	IDES						
PLOT ID	D40	D41						D41_1	D41_2
ш	Did you use			des/ he	erbicide	s did you a	ply to	Did you use	Did you use
ARI	any pesticides/ herbicides on	this [Pl	_OT]?					any mechanizatio	any animal traction on
HAT	this [PLOT]	FOR PE	STICIDES/F	HERBIC	IDES TH	IAT WERE		n on this	this [PLOT]
S T	during the					DLUTION, RE ERBICIDES		[PLOT] during	
5 5	[REFERENCE RAINY	LIQUID		FLOTI	OIDE3/I	LKBICIDES	IIN	the IREFERENC	[REFERENC E RAINY
표일	SEASON]?							E RAINY	SEASON]?
LATED WITH PLOTS LISTED IN MODULE			FOR TYPE					SEASON]?	
単日		INSEC	TICIDE	.					
LIS UE			CIDE						
P.			ANT PESTICID		10				
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C			CIDE (SPEC		11				
		CODES	FOR UNIT	:					
		GRAM.	RAM						
		LITER			.8				
			LITER (SPECIFY						
	YES1		PESTICIDES/			PESTICIDES/			
	NO2>>41_1		ERBICIDES #	1		ERBICIDES #	2	YES1	YES1
		TYPE	QUANTITY	UNIT	TYPE	QUANTITY	UNIT	NO2	NO2
			l						

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	HOUSE	HOLD	LABOUR	₹																												
PLOT ID	During		FERENC		Y SEASO	ON], plea	ase list fo	or me th	e househ	old mer	nbers th	at worke	ed on this	[PLOT]	for land						' SEASO arvest ac		se list fo	r me the	househo	ld mem	bers tha	t worked	on this [F	PLOT] fo	r weedii	ng,
HAT /	RECOR	D THE ID	CODES	FROM T	HE HOUS	EHOLD F	ROSTER.										RECORD	THE CC	DES FRO	OM THE I	HOUSEHO	LD ROS	TER.									
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C		NE ENG IUE TO 4		LAND PF	REPARATI	ION AND	OR PLAN	NTING, R	ECORD Z	ERO IN	ALL COL	UMNS D	ESIGNATE	D FOR "	WEEKS"	AND					G, FERTILI		ND/OR AN	NY OTHE	R NON-HA	RVEST	ACTIVITY	, RECOR	D ZERO II	N ALL CO	LUMNS	
HEN	How ma	any wee	ks did ea	ch hous	sehold m	ember w	ork?										How mai	ny week	s did ea	ch hous	ehold me	mber w	ork?									
5 5	During	those w	eeks, ap	proxima	tely how	many da	ys did e	ach hou	sehold m	ember v	work per	week?					During th	ose we	eks, app	oroximat	ely how m	nany da	ys did ea	ach hous	ehold me	mber w	ork per v	week?				
POPULA	During	those da	ays, appı	oximate	ly how m	any hou	rs did ea	ich hous	sehold me	ember w	ork per	day?					During th	ose da	ys, appr	oximatel	y how ma	iny hour	s did ea	ch house	ehold mei	nber wo	ork per d	ay?				
PRE-F																																
									EPARATION	ı															ERTILIZING							
	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS	HH ROSTER ID CODE #3	WEEKS	DAYS / WEEK	HOURS / DAY	ROSTER ID CODE #4	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #1	WEEKS	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	
	CODE #1				CODE #2				CODE #3				CODE #4				CODE #1				CODE #2				CODE #5				CODE #4			

PRE-POPULATED WITH PLOTS THAT ARE DILISTED IN MODULE C	D44 During the RECORD IF NO ON How man	he [REFE THE ID C NE ENGAG ny weeks hose week	RENCE F ODES FRO SED IN HAR did each ks, appro	RAINY SE DM THE HO RVESTING househol ximately h	OUSEHOL , RECORE d membe	D ROSTER ZERO IN r work? days did	R. ALL COLU each hou	IMNS DES	GNATED I	FOR "WEE	ek?			rvesting.			D45 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	years of a IF NONE, What was IF LABOR COMPUTI	e (REFERE age) to work RECORD ZE SE SE S	on this [PI RO IN ALL II ge daily was FOR MORI RAGE WAC give in total EN AS PAY ES FOR UN OGRAM KG BAG L (SMALL) E FOR S/U	LOT] for an COLUMNS E ge paid to r E THAN ONC SE. I to all worke MENT, RECOUNTS E. LT: 1 PAI 2 NO. 4 NO. BUN	y and all ty DESIGNATE men / wom DE FOR DIF rs hired for a ORD ZERO L (LARGE) 10 PLATE 12 PLATE CCH	pes of acti D FOR *DAN en / childre FERENT AC any and all ty IN COLUMN	vities? //S" AND CC In hired for CTIVITIES, A //PES of aciti N FOR "QUA CCE CART CSPECI	any and all all the RES vites? NTITY* AND9 12 FY) .13	47. I types of a	activities? IN
	HH ROSTER ID CODE #1	WEEKS	DAYS/ WEEK	HOURS/ DAY	HH ROSTER ID CODE #2	WEEKS	DAYS/ WEEK	HARVI HOURS / DAY	HH ROSTER ID CODE #3	WEEKS	DAYS/ WEEK	HOURS/ DAY	HH ROSTER ID CODE #4	WEEKS	DAYS/ WEEK	HOURS / DAY	YES1 NO2>>47	MEN NUMBER OF DAYS	AVG. DAILY WAGE FOR MEN MK	WOMEN NUMBER OF DAYS	AVG. DAILY WAGE FOR WOMEN MK	Al	AVG. DAILY WAGE FOR CHILDREN	ТҮРЕ	TOTAL P	PAYMENT CROP UNIT	S/U

PRE-POPULATED WITH PLOTS THAT ARE OLISTED IN MODULE C	years of a and fertiliz IF NONE, I What was activities? IF LABOR COMPUTIN	ge) for any zing, on this RECORD ZE the average was HIREC NG THE AVE the crop did to DP WAS GIVE COLUMN COL	v and all nos s [PLOTT]? ERO IN ALL ge daily wa D FOR MOR ERAGE WA(you give in /EN AS PAY LOGRAM L	on-harvest at COLUMNS I Uge paid to ETHAN ON GE. total to all MENT, RECURITY. PAI 2 NO 4 NO. BUN JT:	NJ, how mand activities, subsciences, subsci	uch as lance D FOR 'NUI en / childre FERENT AC ed for any a IN COLUMN5 PIE6 OX7 OTH8	d preparation MBER OF D In hired for CTIVITIES, A and all non N FOR "QUA ICE CART CAPECIA CART CAPECIA C	on, planting AYS" AND C any and al AID THE RES A-harvest ac ANTITY" ANE	I, ridging, wo	reeding TO 48. est	D48 During the age) to we EXCLUDE HARVEST What was	PART OF THE PROPERTY OF THE PR	UCE RAINYPLOT] for h UR FOR LAI IF NONE, RI e daily wag- u give in to VEN AS P. JES FOR UN JOGRAM KG BAG L (SMALL)	SEASON], arvesting? ND PREPARAECORD ZERGE B paid to me obtal to all wo AYMENT, R III:1 PAIL2 NO4 NO. BUNG	how many of the control of the contr	LANTING, W LUMNS DESII children hir or harvestin RO IN COLU	EEDING, INI GNATED FO ed for harve g? JMN FOR "	QUANTITY"91213	TIONS AND I	NON- : TO 52.	D49 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?
	MEN NUMBER OF DAYS	AVG. DAILY WAGE FOR MEN MK	WOMEN NUMBER OF DAYS	AVG. DAILY WAGE FOR WOMEN MK		AVG. DAILY WAGE FOR CHILDREN	TYPE		PAYMENT CROP UNIT	S/U	MEN DAYS	AVG. DAILY WAGE FOR MEN MK	WOMEN	AVG. DAILY WAGE FOR WOMEN MK	CHILDREN DAYS	AVG. DAILY WAGE FOR CHILDREN MK	TYPE	TOTAL P BY C		S/U	YES1 NO2>>52
	OF DAYS		OF DATS		OF DATS																

	EXCHAN	GE/FREE I	_ABOUR										PANEL HO	USEHOLDS	FILL IN DU	RING VISIT	2				
PRE-POPULATED WITH PLOTS THAT ARE OLISTED IN MODULE C	RAINY SE days did r children (- from other this [PLO' activities preparatio weeding a harvesting exchange assist for IF NONE, F	[REFERE ASON], ho how how how how how how how how how	ow many n or of age) ds work on und all und , ridging, ng, narge, as or to return?	exchange/f on [THIS PI activities? LIST UP TO ROSTER.	e household ree labour or LOT] for any O 3 FROM N	ome to work r and all ETWORK	RAINY SE days did r children (- from other this [PLO' non-harw as land pr ridging, w free of chi- labourers nothing in	men, women 15 years of rhousehold T] for any a est activiti reparation, eeding and arge, as export to assis	ow many on or of age) ds work on and all es, such planting, if change t for	exchange/fi on [THIS PI non-harves	e household ree labour cc LOTJ for <u>any</u> st <u>activities</u> ? 3 FROM NETN	ome to work and all	SEASON], women or cage) from of this [PLOT] charge,as eassist for no	REFERENC how many de hildren (<15 hildren (<15 her horsel her househe for harvesti exchange lab sthing in retu cCORD ZERO ND >> 56	ays did men, years of olds work on ng, free of ourers or to urn?	exchange/fi on [THIS PI LIST UP TO	e household ree labour cc LOTJ for <u>harn</u> 3 FROM NETN	me to work vesting?	D55_1 Are there any trees growing in or on the border of this [PLOT[?	D55_2 What is the main tree species growing in or on the border of this [PLOT]? FAIDHERBIA ALBIDA. 1 GLIRICIDIA SEPIUM. 2 SESSEBANIA SESBAN. 3 TEPHROSIA VOGELII (UBUBA) 4 MPUNDU TREE 5 JATHROPHA 6 NYAMUNDALO 7 ACACIA 8 MUSEKESE 9	D56 How many trees were removed in the past year from [PLOT]? (including border) IF NONE, RECORD ZERO.
	MEN NUMBER OF DAYS	ALL ACTIVITIES WOMEN NUMBER OF DAYS	CHILDREN NUMBER OF DAYS	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2	NETWORK ROSTER ID CODE #3	MEN NUMBER OF DAYS	L NON-HARV ACTIVITIES WOMEN NUMBER OF DAYS		NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2	NETWORK ROSTER ID CODE #3	MEN DAYS	WOMEN DAYS	CHILDREN	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2	NETWORK ROSTER ID CODE #3	YES.1 NO2>>56	LUKINA (LEUCAENA). 10 MORINGA (ZAKALANDA). 11 MASAU. 12 MULUBENI. 13 OTHER (SPECIFY). 14	

PLOT ID	D57	D58	D59	D60	D61	D61 1	D62	D63	D64	D65	D66	D67	D67 1	D68	D68 1	D69	D70
i i	Did you	At the	What type of cover crop was	What did you do with the crop	In what month during		How did you prepare land for	What implements did yo			How	How	How	Have you	How	What	What
ARE	cultivate		left on [PLOT]?		the previous year	percentag	planting on [PLOT] during the	use to prepare land for	first begin using the		many of	many of	many of	invested		crop was	crop do
1	this	the		previous harvest?	was [PLOT] burned?		[REFERENCE RAINY	planting on [PLOT] durin		your	your	your	your	in soil and		planted	you plan
1 1	[PLOT] during	previous rainv				[PLOT] was	SEASON]?	the [REFERENCE RAIN SEASON]?	Y PRACTICE] practice on [PLOT]?		neighbors and	neighbors and	neighbors and	water erosion	neighbors and	in this	to plant in this
TS F C	the	season				covered by		OL/NOON]:	practice on [r 201]:	relatives	relatives	relatives	relatives	control	relatives		[PLOT]
PLOTS THAT	previous	(before				the		LIST UP TO 2.		have	have ever	use cover	cultivate	structures	have	the	after the
王울	rainy	planting				residues		Hand Hoe1		invested	practiced	crops or	legumes	(e.g. stone	invested		next
≥ Z	season?	season for the				after harvest?		Animal, mouldboard		in agro- forestry?	zero or minimum	mulches? IF NONE,	together with other	bunds, terraces,	in soil and water	rainy season?	rainy season?
		reference			CODES FOR MONTH:	naivest:		plough2 Animal, disc		IF NONE.	tillage?	RECORD		drainage	erosion	3ca30ii:	36430111
LIS I		rainy			JANUARY1 FEBRUARY2	ENUMER-		plough3		RECORD	IF NONE,	ZERO.	the same	ditches?	control		
9		season),			MARCH3	ATOR: SEE PHOTO AID	Traditional	Animal, ripper4		ZERO.	RECORD		plot?		structures		
PRE-POPULATED WITH LISTED IN MO		did you have	Mucuna (Velvet		APRIL4 MAY5		Tied or Box	Tractor, mouldboard			ZERO.				(e.g. stone		
<u> </u>		cover	beans/Kalongonda)1	Left in field and then ploughed/incorporated in to	JUNE6		Ridging2 Planting Pits3 >> 64	plough5 Tractor, disc							bunds,		
•		crops	Pigeon Pea (Nandolo)2	the field1>>61 1	JULY7 AUGUST8		Zero Tillage4 >> 64	plough6 Tractor,									
		remainin g on the	Lablab (Dolichos beans/nkhungudzu)3	Left in the field as a cover and not ploughed in.2>>61 1	SEPTEMBER9 OCTOBER10		Ripping5 Minimum Tillage	ripper7	During last 12								
		IPLOT1?	Sesbania Sesbans	Burned in the field3 Cut and removed from the field	NOVEMBER11		(only part of	Other (Specify)8	months1								
	YES.1 NO2>> 62	,	(Jerejere)4 Cow Peas	and fed to	DECEMBER12		field tilled; e.g. in zones	(2 years ago2 3 years ago3								
	62		(Khobwe/Nseula5	animals4>>61_1 Cut and removed from the field			or strips /contours)6	(THEN >> NEXT PLOT)	4 years ago4								
		YES.1 NO2>>	Chick Pea (Tchana)6 Peas (Nsawawa)7	for HH use5>>61_1	(THEN >> 62)		Other		5 years ago5 More than 5					YES.1			
		60	Other (Specify)8	Grazed by animals6>>61_1			(Specify)7	IMPLEMENT #1 IMPLEMEN	T#2 years ago6	NUMBER	NUMBER	NUMBER	NUMBER	NO2	NUMBER	CROP	CROP
						CODE										CODE	CODE
										\times	\times	\times	X	X	\times		
										$\langle \cdot \rangle$	$\langle \cdot \rangle$	$\langle \cdot \rangle$	\longleftrightarrow	\longleftrightarrow	\longleftrightarrow		
												\sim		\sim	\sim		
										$/\!\!\!/\!$	$\vee \setminus$	\nearrow	$\vee \setminus$	$\vee \setminus$	$\vee \setminus$		
													$\overline{}$	$\overline{}$			
										X	X	X	IX	X	X		
										$\langle \cdot \rangle$	\longleftrightarrow	$\langle \cdot \rangle$	\leftarrow	\longleftrightarrow	\longleftrightarrow		
										\sim	\sim	\sim	\sim	\sim	\times		
										\angle	\angle		\angle	\angle	$\angle \setminus$		
										\setminus	$\setminus\!\!\!/$	$\setminus\!\!\!/$	$\setminus\!\!\!/$	$\setminus\!\!\!/$	\setminus		
										X	$ \mathcal{X} $	$ \mathcal{X} $	$ \mathcal{X} $	$ \mathcal{X} $	$ \mathcal{X} $		
										$\langle \cdot \rangle$	\leftarrow	$\langle \cdot \rangle$	\leftarrow	$\langle \cdot \rangle$	\leftarrow		
										\times	\times	\times	\times	\times	$\mid \times \mid$		
										$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		\angle	\angle	\angle	\angle		
										\setminus	$\overline{}$	$\overline{}$	$\mathbb{N}^{\mathbb{Z}}$	$\mathbb{N}^{\mathbb{Z}}$	$\setminus \nearrow$		
	1	I		I		I	l.			<u>/ </u>	NUMERATO	R. BECOBL	* 	ENUMERA	TOR:		
										P	RIMARY RE	SPONDENT		RECORD END TIME			
										IE	FOR MODU	JLE D:	ID	FOR MODU	JLE 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?

2017/2018...1 2018/2019...2

E01. Did you or anyone in your household obtain any input coupons during the [REFERENCE RAINY SEASON], regardless of how the coupons were obtained and/or used?

YES...1 NO....2 >> 27

ENUMERATOR: RECORD START DATE & TIME FOR MODULE E:

DAY MONTH HOUSE MANUTE

	Δ	B	С	D		I				E02	E03	E04	E05		E06	E07	E08	H	08 1	
ENUMERATOR:	•				ENUMERATOR:					From whom	Did [NAME]	How much did		d [NAME]	Did [NAME]	What type of input did	What was the		Vhen did [NAME1
DETERMINE					LIST EACH					did [NAME]	have to pay	[NAME] pay to get	obtain th			[NAME] purchase with	quantity of inpu		edeem the	
FIRST ALL HH					COUPON ON A					obtain the	any money to	the [COUPON]?	COUPC		[COUPON] for		purchased with		COUPON	
MEMBERS					SEPARATE					[COUPON]?	get the		1000. 0		inputs?	[000: 0:4].	[COUPON]?		000. 0.1	1.
THAT					ROW SO THAT					[000.0.1]	[COUPON]?	ESTIMATE THE					[
OBTAINED					EACH COUPON					LIST FROM	[000.0.1]	VALUE OF IN-KIND					RECORD THE TO	OTAL		
COUPONS					RECEIVED IS					NETWORK		PAYMENTS.					AMOUNT OF INF			
DURING THE [REFERENCE					ASSIGNED A UNIQUE ID.					ROSTER.							OBTAINED AT TH	HE		
RAINY					UNIQUE ID.												TIME OF REEDE			
SEASON].					REFER TO THE					IF ASSIGNED							THE COUPON, P			
oznoonj.					MANUAL FOR					AT THE							TO ANY SHARIN	NG OR		
WE ARE					AN EXAMPLE,					VILLAGE				R MONTH:			EXCHANGE			
REFERING TO					IF NECESSARY.					OPEN FORUM, RECORD	1		JANUARY. FEBRUARY	1			ARRANGEMENT		CODES FOR	
PAPER										"VILLAGE			MARCH	3					JANUARY	
COUPONS			CODES FOR						GODEG FOR	OPEN			APRIL	4		CODES FOR	CODES FOR UNI		FEBRUARY. MARCH	
THAT WERE			COUPON TYPES:						CODES FOR COUPON TYPES:	FORUM" AND	1		MAY	5		INPUT TYPE: 23:21:0+4S/CHITOWE1	GRAM	.1	MARCH APRIL	
OBTAINED BY			23:21:0+4s /						23:21:0+4S /	NOT "VILLAGE	1		JUNE			23:21:0+4S/CHITOWE1 UREA4	KILOGRAM	.2	MAY	5
HOUSEHOLD MEMBERS.			CHITOWE1						CHITOWE1	HEADMAN"	1		JULY AUGUST	7		OTHER FERTILIZER	2 KG BAG	.3	JUNE	6
REGARDLESS			UREA4 MAIZE						UREA4				SEPTEMBE	o R9		(SPECIFY)6	3 KG BAG 5 KG BAG		JULY	7
OF HOW THEY			MAIZE SEED10						MAIZE SEED10				OCTOBER.	10		OPV MAIZE SEED12	10 70 010		AUGUST SEPTEMBER	8
WERE			FLEXI						FLEXI				NOVEMBER			HYBRID MAIZE15 BEAN SEED16	EO 110 DAG		OCTOBER	
OBTAINED			SEED11						SEED11		YES1		DECEMBER	12	L	GROUNDNUT SEED17	OTHER	1	NOVEMBER.	11
AND/OR USED.											NO2 >> 5				(ES1 NO2 >> 18	SOYABEAN SEED18	(SPECIFY)1	13	DECEMBER.	12
_	НН	НН	COUPON	1			НН	НН	COUPON	NETWORK	-	MK	MONTH	YEAR	10	PIGEON PEAS SEED19	QUANTITY	UNIT	MONTH	YEAR
FOR EACH HH	MEMBER	ROSTER	TYPE	NUMBER		COUPON ID	MEMBER	ROSTER	TYPE	ROSTER				(4-DIGIT)			40			(4-DIGIT)
MEMBER,	NAME	ID CODE		OBTAINED		CODE	NAME	ID CODE		ID CODE										
	· · · · · · · · · · · · · · · · · · ·	ID CODE					NAME	ID CODE		ID CODE										
RECORD ON A	Train E	ID CODE					NAME	ID CODE		ID CODE			1	1	1					
SEPARATE_	Walle	ID CODE				504	NAME	ID CODE		ID CODE										
SEPARATE ROW, THE	TVIILE	ID CODE				501	NAME	ID CODE		ID CODE										
SEPARATE ROW, THE NAME, HH		ID CODE				501	NAME	ID CODE		ID GODE										
SEPARATE ROW, THE		ID CODE					NAME	ID CODE		ID GODE										
SEPARATE ROW, THE NAME, HH ROSTER ID	WWIL	ID CODE				501	NAME	ID CODE		ID GODE										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON	TO THE STATE OF TH	ID CODE					NAME	ID CODE		DOODE										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED	170112	ID CODE				502	NAME	ID CODE		ID GODE										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED	17002	ID CODE					NAME	ID CODE		ID GODE										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER		ID CODE				502 503	NAME	ID CODE		10 0002										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED AND THE NUMBER OF EACH TYPE		ID CODE				502	NAME	ID CODE												
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT		ID CODE				502 503	NAME	ID CODE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED AND THE NUMBER OF EACH TYPE		ID CODE				502 503 504	NAME	BCODE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON		TO CODE				502 503	NAME	IS CODE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO		TO CODE				502 503 504	NAME	IS CODE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		TO CODE				502 503 504 505	NAME	IS COSE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO	No.	D CODE				502 503 504	NAME	IS COSE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		D CODE				502 503 504 505	NAME	IS COSE		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		D CODE				502 503 504 505 506	NAME			10000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH	No.	and the second				502 503 504 505	NAME	10 0002		10 000										
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		a cone				502 503 504 505 506	NAME													
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		D CODE				502 503 504 505 506	NAME													
SEPARATE ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NUSXT HH		a cone				502 503 504 505 506 507	NAME													
SEPARATE, ROW, THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NEW ON THE						502 503 504 505 506 507	NAME	10 0002												

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

			E08_2)	E09	E10					E11	E11_1		E12		E13	E13_1	E13_2				E14	E15	E15_1
				ong did	Was any of	How much					Was any of	Who proposed th		How much	of the	What was the main	Was any		[COUP	NS] we	ere	How much did	How much was paid	
				E] have to		[COUPON]					the input	sharing arrangen	nent?	input purch		mode of	other	redeen	ned?			[NAME] pay for	while redeeming the	
				ADMARC		return, how	much an	id what t	ype of input	was	purchased			with [COUF		transportation used	coupon					transportation to	[COUPON] for	bribes or other side
				HER INPUT	with [COUPON]	received?					with [COUPON]			was shared fellow farm		to bring back the input that [NAME]	redeemed during the		TO 4 AL		AL	acquire the input that [NAME]	inputs? [i.e. the cost shouldered by the	redeeming
			redee		exchanged						shared with a			nothing in r		purchased with the	same trip	00010	1412 00	JEO		purchased with	[MEMBER]]	[COUPON]?
				PON]?	with a fellow						fellow farmer			nouning in i	Ctuiii:	[COUPON]?	as referred					the [COUPON]?	[WEWDER]]	[0001 014]:
			[000.	0.1.	farmer for						for nothing in					[000: 011].	to in the						EXCLUDE	EXCLUDE
					another						return?					READ RESPONSES	previous					INCLUDE ALL	TRANSPORTATION	TRANSPORTATION
					input?												question?						COSTS, BRIBES,	COSTS AND THE
						CODES FOR	UNIT:	CODES F	OR TYPE:													BACK TO THE	OTHER SIDE	OFFICIAL COST OF
						GRAM		23:21:0	+4S/CHITOV	VE1												HOUSEHOLD.	PAYMENTS.	REDEEMING THE COUPON REPORTED
						2 KG BAG.	3	OTHER F	ERTILIZER					CODES FOR									ESTIMATE THE	IN QUESTION 15.
						3 KG BAG.	4	(SPECIF	Y)	6				GRAM	1								VALUE OF IN-KIND	
									ZE SEED MAIZE					KILOGRAM. 2 KG BAG.	3								PAYMENTS.	ESTIMATE THE
1						50 KG BAG	7	BEAN SE	ED	16				3 KG BAG.	4	On Foot1 Bicycle Taxi2								VALUE OF IN-KIND PAYMENTS.
						OTHER	1.0	GROUNDN	UT SEED	17				5 KG BAG. 10 KG BAG		Own Bicycle or								FATMENTS.
			1			(SPECIFY)			N SEED PEAS SEED.					50 KG BAG		Oxcart3 Truck / Bus								
		CODE, HH	TTM	E UNIT:					SPECIFY)					OTHER	4.0	/ Minibus4								
TYPE	FROM PRE		HOU	RS1	YES1							Village Headman VDC Member		(SPECIFY)	13	Other								
PAGE.			DAY	2	NO2>>11	INPUT	SIVEN		NPUT RECEIVI	ED	YES1	Household Membe	r	INPUT SH.	ARED	(Specify)5	YES.1 NO2>>14							
	НН	COUPON	NUMB	ER TIME UNIT	1	QUANTITY	UNIT	TYPE	QUANTITY	UNIT	NO2>>13	Himself/Herself Fellow Farmer		QUANTITY	UNIT			CODE #1	CODE #2	CODE #3	CODE #	MK	MK	MK
COUPON ID	ROSTER	TYPE										Other (Specify)												
0002	ID CODE																				<u> </u>			
501																								
301								-													1			
502																								
500																								
503																		I						
504		<u> </u>									1	<u> </u>											<u> </u>	
505																								
505		1						1		1								1			1			
			I		l			I																
506	L	<u> </u>						<u> </u>						<u> </u>			L	<u></u>	L	L	<u></u>	<u> </u>		
507			I		l			I																
307		1			 			1		-	1			1				1		-	1	-		
1								I												l				
508																								
-			-		•	-										-		-						

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

			E16	E18	E20	E21	E22	E24	E26	E27	E28		E29			
			From whom	Did [NAME] sell		To whom did		Was the	Why did [NAME] not	Did your household obtain	Did any		Were the follow	vina methods [l used in allocat	tina &
				the [COUPON]			give away	[COUPON]	redeem the [COUPON]?	any FERTILIZER or MAIZE			distributing [CC			
			institution did		from the sale of the		[COUPON]	lost or	DEAD DEODONOES LIST II	SEED coupons in the	this village		SEASON]?			
			[NAME] purchase the	obtained during the	[COUPON]?	[COUPON]?	to non- household	stolen?	READ RESPONSES. LIST U TO 2.	following previous rainy seasons?	obtain any fertiliser, maize		EILL IN ENTIDE	TABLE. FOR EAC	U OE TUETUDEE	COLIBON
			inputs by	[REFERENCE	ESTIMATE THE	LIST FROM	members			SedSUIS!	or flexi seed			REPORT WHETH		
			redeeming	RAINY	VALUE OF IN-KIND	NETWORK	(family /				input coupons			YES	.1	
			the	SEASON]?	PAYMENTS.	ROSTER	friends) for				during the			NO	.2	•
			[COUPON]?				free?				[REFERENCE RAINY		Open	Open	Redistribution	Later
			LIST FROM								SEASON]?		Forum Allocation	Forum Distribution	Following Open Forum	Supplementary Allocations
			NETWORK						Did not have enough			Fastilians annuana				
			ROSTER						noney to buy inputs.1 Input supplier was			Fertilizer coupons				
									too far / inaccessible2							
									Accessible input supplier did			Maize seed coupons				
									not have the input3							
									Coupon was obtained to			Flexi seed coupons				
COPY	COUPON II	D CODE, HH	(THEN >> 27)						Preferred cash /	YES1						
ROSTE	R ID CODE	E & COUPON				(THEN >>27)			Other (Specify)6	NO2						
PAGE.	FROM PRE	EVIOUS		YES.1		,	YES1>>27	YES1>>27			YES1					
				NO2>>22			NO2	NO2		FERTILIZER COUPONS	NO2 >> NEXT ROW		E30			
COUPON ID	HH ROSTER	COUPON TYPE	NETWORK ROSTER		MK	NETWORK ROSTER			1ST 2ND	2014/ 2015/ 2016/ 2017/	NEXT ROW		Were the follow	ving people []	involved and ho	w important
CODE	ID CODE		ID CODE			ID CODE				2015 2016 2017 2018			were they in all	ocating & distrib	uting vouchers?	•
														nvolved, Impor		
							I						II	nvolved, Not I	mportant2	
													No	ot Involved	3	
501													No Me	ot Involved ethod Not Appl		
										MAIZE SEED COUPONS			No	ot Involved	icable4	Later
501										MAIZE SEED COUPONS			No Me	ot Involved ethod Not Appl Open		
										2014/ 2015/ 2016/ 2017/	\bowtie	Agricultural Extension	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
											\nearrow	Agricultural Extension Staff	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502										2014/ 2015/ 2016/ 2017/	\nearrow		Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502										2014/ 2015/ 2016/ 2017/		Staff	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502										2014/ 2015/ 2016/ 2017/		Staff VDC Members	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504										2014/ 2015/ 2016/ 2017/		Staff	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504										2014/ 2015/ 2016/ 2017/		Staff VDC Members	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504 505										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504 505										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504 505 506										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504 505 506										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority Local Political Leaders	Open Forum	ot Involved ethod Not Appl Open Forum	icable4 Redistribution Following	Later Supplementary
502 503 504 505 506										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority Local Political Leaders Other (Specify)	Open Forum Allocation	ot Involved athod Not Appl Open Forum Distribution	icable	Later Supplementary
502 503 504 505 506										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority Local Political Leaders Other (Specify) ENUMERATOR:	Open Forum Allocation	ot Involved sthod Not Appl Open Forum Distribution	icable	Later Supplementary
502 503 504 505 506										2014/ 2015/ 2016/ 2017/		Staff VDC Members Village Headman Traditional Authority Local Political Leaders Other (Specify)	Open Forum Allocation	enumera ENUMERA RECORD	a cable	Later Supplementary Allocations

AG-MODULE	F: OTHER INPUTS - [RAINY SEASO	NJ							
NOTE: CONCER	NING PANEL HOUSEHOLDS, ALL QUESTIONS	SARE	ADMINISTERED IN VISIT 1.	IUMERATO	R: RECOF	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?	2017/2018	81	2018/20192			
			MERATOR: FIRST, FILL THE FIRST TEACH ROW, ONE ROW AT A TIME.	TWO COLU	MNS & Q	JESTIONS 1 & 2. THEN, GO THROUGH THE EN	TIRE MODULE (S	TARTING WITH Q. 3)	1
Α.		FOR	EACH ROW, ONE ROW AT A TIME.			F01		F02	F03
Did you or anyone in your household cultivate any			INPUT TYPE NAME	7	NPUT TYPE CODE	ENUMERATOR: FOR ROW 101, ORGANIC FER (MANURE), ENTER THE TOTAL QUANTITY, AS MODULE D QUESTION 37. FOR ROWS 102-105, ENTER THE TOTAL KGs L	REPORTED IN	ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM QUESTION 1	During the [REFERENCE RAINY SEASON], did
plots during the [REFERENCE RAINY SEASON]?			ENUMERATOR: FOR ROW 101, OF (MANURE), NO INPUT TYPE CODE FOR ROWS 102-105, REFER TO TH CODES OF THE INORGANIC FERT THE PLOTS, AS REPORTED IN MO 39.	EIS NECESS HE INPUT T TILIZERS US DDULE D QU	SARY. YPE SED ON	TYPE OF INORGANIC FERTILIZER, AND CHECH TOTAL KGS REPORTED HERE IN THIS QUESTIFERTILIZERS MATCHES THE TOTAL KGS REPOMODULE D QUESTION 39 OVER BOTH APPLICATION. FOR ROWS 106-109, ENTER THE TOTAL AMOREACH TYPE OF PESTICIDES/HERBICIDES OVER	CTHAT THE ON FOR ALL DRTED IN ATIONS AND ALL JNT USED FOR	CORRESPOND TO THE AMOUNT OF EACH TYPE OF	all of this [INPUT] come from purchase by using coupons / vouchers?
YES1 NO2>> NEXT MODULE			IF THE FARMER HAS MIXED TWO FERTILIZERS IN ANY OF THE APPI MUST LIST THE CODES OF ALL TY FERTILIZERS USED, EVEN THOUGALL BE LISTED IN QUESTION 39. FOR ROWS 106-109, REFER TO THE CODES OF THE PESTICIDES/ HER THE PLOTS, AS REPORTED IN MO 41.	LICATIONS, /PES OF BH THEYMA HE INPUT T BICIDES US	YPE SED ON	CODES FOR UNIT: GRAM	13 UNIT	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>	<u> </u>						1
	ORGANIC FERTILIZER	101	ORGANIC FERTILIZER		\times				
\ /	INORGANIC FERTILIZER TYPE # 1	102							
\ /	INORGANIC FERTILIZER TYPE # 2	103							
\ /	INORGANIC FERTILIZER TYPE # 3	104							
\bigvee	INORGANIC FERTILIZER TYPE # 4	105							
Λ	PESTICIDES/HERBICIDES TYPE # 1	106							
/\	PESTICIDES/HERBICIDES TYPE # 2	107							
/ \	PESTICIDES/HERBICIDES TYPE # 3	108							
/	PESTICIDES/HERBICIDES TYPE # 4	109							

					COMMERCIA	AL [INPUT] P	URCHASES						
			F04	F05	F06		F07		F08	F09	F10		
	INPUT TYPE NAME	INPUT TYPE CODE	During the [REFERENCE RAINY SEASON], did you purchase any [INPUT] without coupons/ vouchers or purchase any [INPUT] on credit?	SECTIONAL HOUSEHOLD?	Who/Which fir were the source [INPUT] that you without coupor or purchased during the [RE RAINY SEASC LIST UP TO 2 FINETWORK ROS	ses of the bu purchased as / vouchers on credit FERENCE DN]?	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 BAG5 10 KG BAG6 50 KG BAG7 LITER8		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 BAG4 5 KG BAG5 10 KG BAG5 10 KG BAG7 LITER8		What was the main 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 Foot1 Bicycle Taxi2	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.	What was the value of all of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]?
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		YES1 NO2>>F37	YES1 NO2>>F15	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	MILLILITER9 BUCKET10 WHEELBARROW.11		Own Bicycle or Oxcart3 Truck / Bus / Minibus4 Other (Specify)5	мк	мк		
101	ORGANIC FERTILIZER	$\overline{}$											
102	ONGANIO I ENTILIZEN												
103													
104													
105													
106													
107													
108													
109													

								1ST SOURCE C	F COMMERCIAL	[INP	UT]
			F11	F12	F13	F14		F15	F16		F17
	_	CODE	How did you <u>finance</u> this [INPUT] purchase?	How much did you pay up-front for this [INPUT] purchase?		What was the credit for the purchase?	[INPUT]	institution was the FIRST SOURCE	How much of the [INPUT] was purch without coupons /		What was the main mode of transportation used to bring back the
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE	ME	Paid in full, with own-savings.1>>37 Received on credit2 Part own-savings,	INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING, RECORD ZERO.	INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS.	LIST UP TO 2 FROM the NETWORK ROSTER properties of the Network Ros		of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]? LIST FROM NETWORK ROSTER	vouchers or purcha on credit from [FIR SOURCE] during t [REFERENCE RA SEASON]? CODES FOR UNITION OF THE CODES FOR UNITIO	ST he INY	[INPUT] that you purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE RAINY SEASON]? READ RESPONSES On Foot
			part on credit3	MK	MK	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	NETWORK ROSTER ID CODE	QUANTITY	UNIT	
101	ORGANIC FERTILIZER	> <									
102											
103											
104											
105											
106											
107											
108											
109											

			F18	F19	F20	F21	F22	F23	F24
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		you pay for transportation to acquire the [INPUT] that you purchased without coupons /	What was the value of the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE RAINY SEASON]?	How did you finance this [INPUT] purchase from [FIRST SOURCE]?	pay up-front for this [INPUT] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND	How much did you <u>repay</u> /will you repay? INCLUDE CASH PAYMENTS	What was the source of credit for this [INPUT] purchase? LIST FROM NETWORK ROSTER	Was there a SECOND SOURCE from whom you purchased any of the [INPUT] without coupons / vouchers or on credit during the [REFERENCE RAINY SEASON]?
			MK	мк		MK	MK	NETWORK ROSTER ID CODE	YES1 NO2>>37
			1		<u> </u>				1
101	ORGANIC FERTILIZER	\sim							
102									
103									
104									
105									
106									
107									
108									
109									

			2ND SOURCE OF	COMMERC	IAL [INPL	JT]						
			F25	F26		F27	F28	F29	F30	F31	F32	F33
	COPY INPUT TYPE NA	CODE	SECOND SOURCE of the [INPUT] that you	[REFERENCI SEASON]? CODES FOR GRAM KILOGRAM. 2 KG BAG. 3 KG BAG. 5 KG BAG. 10 KG BAG 50 KG BAG LITER MILLILITE BUCKET	purchased ons / burchased on DURCE] E RAINY UNIT:12345678 R910	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.	without coupons / vouchers or purchased on credit from	How did you finance this [INPUT] purchase from [SECOND SOURCE]? READ RESPONSES Paid in full, with own-savings1>>34 Received on credit2 Part	,		What was the <u>source</u> <u>of credit</u> for this [INPUT] purchase? LIST FROM NETWORK ROSTER
	& INPUT TYPE CODE FROM PREVIOUS PAGE		NETWORK ROSTER ID CODE	WHEELBARR OX CART OTHER (SPECIFY)	12	/ Minibus4 Other (Specify)5	мк	мк	part on credit3	мк	MK	NETWORK ROSTER ID CODE
101 O	RGANIC FERTILIZER	><										
102												
103												
104												
105												
106												<u> </u>
107												
108												
109												

			3RD SOURCE C	F COMME	RCIAL [INPUT]						
		F34	F35	F36		F37	F38		F39		F40
	_	THIRD SOURCE from whom you purchased any of the [INPUT] without coupons / vouchers or on credit during the	institution was the THIRD SOURCE	purchased v vouchers or credit from [during the [F RAINY SEA CODES FOF GRAM KILOGRAM. 2 KG BAG. 3 KG BAG. 5 KG BAG.	vithout coupons / purchased on THIRD SOURCE] REFERENCE SON]?	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 of [INPUT] did in total for fir the [REFER RAINY SEA	you receive ee during ENCE SON]?	During the [REFERENG SEASON], f did you rece the [INPUT] LIST UP TO 2 NETWORK R	rom whom vive 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.
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE	Yes1 No2>>37	NETWORK ROSTER NETWORK ROSTER ID CODE	10 KG BAG 50 KG BAG LITER MILLILITE BUCKET WHEELBARF OX CART OTHER (SPECIFY)	7 8 R9 10 OW.11 12	Yes1 No2>>41	10 KG BA 50 KG BA LITER MILLILIT BUCKET WHEELBAR OX CART. OTHER (SPECIFY	8 ER9 10 EROW.11	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	MK
404	0004440 55074 1750										
101	ORGANIC FERTILIZER										
102											
103											
104											
105											
106											
107											
108											
109											

			LEFT-OVER [I	NPUT]		OWN-PRODUCED OR	GANIC FERTILIZE	R	1
			F41	F42		F43	F44		1
	INPUT TYPE NAME	INPUT TYPE CODE	[INPUT] that you used during the [REFERENCE	How much of [INPUT] that during the [REFERENG SEASON]waffrom a previous eason?	t you used CE RAINY as left over ous UNIT:1	Did you use any ORGANIC FERTILIZER out of own-production or own animals during the [REFERENCE RAINY SEASON]?	How much of the ORGANIC FERTILIZER was used out of own-production or own animals during the [REFERENCE RAINY SEASON]? CODES FOR UNIT: GRAM1 KILOGRAM2 2 KG BAG3		
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		YES1 NO2> 43	2 KG BAG. 3 KG BAG. 5 KG BAG. 10 KG BAG 50 KG BAG LITER WHLLILITE BUCKET WHEELBARR OX CART OTHER (SPECIFY)	3 4 5 6 7 8 R9 10 OW.11 12	YES1 NO2 >> NEXT ROW	2 KG BAG	UNIT	
101	ORGANIC FERTILIZER	>>							1
102									ENUMERATOR: RECORD PRIMARY
103									RESPONDENT ID FOR <u>MODULE F</u> :
104									
105									ID
106									ENUMERATOR: RECORD END TIME
107									FOR MODULE F:
108									
109									HOURS MINUTES

AG-MODULE G: CROPS - [RAINY SEASON]

ENUMERATOR: RECORD START DATE & TIME FOR MODULE G:

DAY	MONTH	HOURS	
		MI	NUTES

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? 2017/2018...1 2018/2019...2

	CROP		G0A	G0B	GOB_1	GOB_2	G01	G02	G03	G04	G05	G06	G07
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C	TED WITH CROPS THAT GOIN MODULE D (question 20)	ENUMER- ATOR: RECORD PRIMARY RESPON- DENT ID	primary variety of [CROP] being cultivated on this [PLOT]? ENUMERATOR: THIS IS ONLY ASKED FOR	Is the variety local or improved ?	Is the variety recyclable?	When did you last buy the seed you planted on this [PLOT]?	What type of <u>crop</u> <u>stand</u> was on the [PLOT]?	[CROP] planted in the entire area of		How much seed did you plant for the [CROP] on this [PLOT] during the [REFERENCE RAINY SEASON]?	When did you plant the seeds for the [CROP] on this [PLOT] during the [REFERENCE RAINY SEASON]?	ENUMER- ATOR: IS THIS A CROSS- SECTIONAL HOUSE- HOLD?	Have you completed the harvest of the [CROP] from this [PLOT]?
PRE-POPULA ARE LIS	PRE-POPULATED WITH ARE LISTED IN MODULE!		SPECIFIC CROPS.	LOCAL1 >>GOB 2	YES1		Pure Stand/ Sole1>>4 Strip Intercrop2 Row Intercrop3 Relay Intercrop4 Mixed Intercrop5		Less than 1/41 1/42 1/23 3/44 More than 3/45	CODES FOR UNIT: GRAM	CODES FOR MONTH: JANUARY. 1 FEBRUARY. 2 MARCH. 3 APRIL. 4 MAY. 5 JUNE. 6 JULY. 7 AUGUST. 8 SEPTEMBER. 9 OCTOBER. 10 NOVEMBER. 11	YES1>>10 NO2	YES1>>9 NO2
		HHID CODE	VARIETY CODE	IMPROVED2	NO2	YEAR (4-DIG.)				QUANTITY UNIT	MON. YEAR (4-DIG.)		

AG-MODULE G: CROPS - [RAINY SEASON]

CONCERNING PANEL HHs: FILL IN DURING VISIT 2

					000.4				0.10	011		044.4	044.0	0.40		040			040.4		
PLOT ID	CROP	G08			G08_1	G09			G10	G11		G11_1	G11_2	G12		G13			G13_1	G14	
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C	TED WITH CROPS THAT ON MODULE D (question 20)	How much [CF expect to harw [PLOT] during [REFERENCE SEASON]? CODES FOR KILOGRAM. 50 KG BAG. PAIL (SMAL	est from the RAINY UNIT:12 L)4	this	intend to sell any of	KILOGE	this [PLC REFEREN SON]?	DT] ICE	Was the area harvested less than the area planted?		area planted?	What was the main disease affecting the plants in the [PLOT]? ENUMER- ATOR:	Approximatel y what percent of [PLOT] planted with [CROP] was harvested?	What wer months w harvest st ended?	hen the earted and	harvest from the [REFER SEASON]? IF NO HARVE FOR "QUANT ROW.	CROP] did yo n this [PLOT] ENCE RAINY EST, RECORD FITY" AND >> I FOR UNIT: RAM	during Y D ZERO NEXT	the estimated value of [CROP] harvested from	Who in the makes the concerning the [CROP] [PLOT]?	decision the use of output from
PRE-POPULA' ARE LIST	PRE-POPULATED V ARE LISTED IN MOD	PAIL (LARG NO. 10 PLA NO. 12 PLA NO. 12 PLA BUNCH PIECE OX-CART OTHER (SPECIFY). CODE FOR S S: SHELLED U: UNSHELLED LINOT APPLIC. QUANTITY	TE6 TE789101213 /U:1 ED2		Yes1	PAIL PAIL NO. 14 NO. 16 NO. 12 BUNCH PIECE BALE. OX-CAI OTHER (SPECI CODE I S: SHI U: UNS	BAG. (SMALL) (LARGE)) PLATE. 2 PLATE. (FY) (FY) (FOR S/U: ELLED. SHELLED. PLICABLE UNIT	4 5 6 7 8 9 10 12	YES1 NO2>>12	EFFECTS OF Fire Insects Animals Crop theft Diseases Lack of hi Other (Spe		ONLY ASK THIS QUESTION IF DISEASE LISTED AS REASON IN G11.	PERCENT OF PLANTED PLOT AREA	MONTH: JANUAR: FEBRUAI MARCH. APRIL. MAY JUNE JULY AUGUST SEPTEM OCTOBE! NOVEMB! DECEMB!	Y1 RY2345678 BER9 R10 ER11	PAIL PAIL NO. 1' NO. 1' BUNCH PIECE BALE. OX-CAI OTHER (SPEC: CODE ! S: SHI U: UN.	BAG	4 5 6 7 8 8 9 0 2	мк	HH ROSTER ID CODE #1	HH ROSTER ID CODE #2
												CODE			l						<u> </u>
													1								
			\vdash																		
			1										<u> </u>	I .	l	I		ENUMER			

RECORD END TIME FOR MODULE G:

HOURS MINUTES

NUMERATOR:	RECORD START	DATE & TIME	FOR MODULE	H:

 		A CONTRACTOR

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

H-0. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? 2017/2018...1

2017/2018...1 2018/2019...2

		INS & QUESTIONS 1 & 2. THEN TH Q. 3) FOR EACH ROW, ONE	,			ı					
ROW AT A TIME.	mobole (orranto m	4. 0, 1 011 2/10/11/01/1, 01/2				COMMERC	IAL [SEED]	PURCHASES			
	H01	H02	H03	H04	H05	H06		H07		H07_1	
CROP CODE	ENUMERATOR: REFER AG-MODULE G, QUEST 4. FOR EACH TYPE OF SEED, COMPUTE THE TOTAL AMOUNT PLANT ACROSS PLOTS CULTIVATED BY THE HOUSEHOLD DURING 1 [REFERENCE RAINY] SEASON]. RECORD THIS VALUE HERE.	ION FARMER WHETHER THE FIGURES FROM QUESTIO 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF SEED USED DURING THE (REFERENCE RAINY SEASON).	During the [REFERENCE NAMY SEASON], did all of this [SEED] come from purchases by using coupons / vouchers?	[REFERENCE RAINY SEASON], did you purchase any [SEED]	ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	Who/Which firms/institutic sources of the you purchase coupons / voi purchased on the [REFERE SEASON]? LIST UP TO 2 NETWORK RO	E [SEED] that d without uchers or credit during NCE RAINY	How much of the [S purchased without ovouchers or purcha credit during the [RI RAINY SEASON]? RECORD TOTAL QU. REGARDLESS OF SC CODES FOR UNIVERSIDATION OF THE CORP.	coupons / sed on EFERENCE ANTITY, DURCE.	[SEED LIST U FROM	hold or the ased D]? IP TO 2 EHOLD
ENUMERATOR: REFER TO AG-MODULE G, COLUMNS FOR CROP NAME & CROP CODE. FILL THESE TWO COLUMNS WITH THE NAMES AND CODES OF ALL DIFFERENT TYPES OF SEEDS PLANTED BY THE	CODES FOR UNITS GRAM1 KILOGRAM2	YES, THE FIGURES MATCHED	YES1>>37	YES1	YES. 1			KILOGRAM 2 KG BAG 3 KG BAG 5 KG BAG 5 KG BAG 10 KG BAG 50 KG BAG OTHER (SPECIFY)			
	QUANTITY (JNIT ADJUSTED2	NO2	NO2> 37	NO2>>15	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	QUANTITY	UNIT	HHID CODE #1	HHID CODE # 2

	H08	H09	H10	H11	H12	H13	H14		
CROP 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 RAINY SEASON]?	How much did you pay for	What was the	HII How did you finance this [SEED] purchase? READ RESPONSES Faid in full, with own-savings.1>>37 Received on credit2	How much did	How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-	What was the <u>source of</u> credit for the [SEED] purchase? LIST UP TO 2 FROM NETWORK ROSTER (THEN >> 37)		
	Oxcart3			Part own-savings,			,	,	
	Truck / Bus / Minibus4 Other (Specify)5	МК	МК	own-savings, part on credit3	мк	МК	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	
					1				

1ST SOURCE OF COMMERCIAL [SEED]

	131 300KCE		AL [SEED]									
	H15 H16			H16_1		H17	H18	H19	H20	H21		
CROP CODE		How much of the [SEED] was purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE RAINY SEASON]?		Who in your household paid for the purchased [SEED] from the [FIRST SOURCE]? LIST UP TO 2 FROM HOUSEHOLD		What was the main mode of transportation used to bring back the [SEED] that you purchased without coupons / vouchers or purchased on credit from [FIRST 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 [FIRST SOURCE] during the [REFERENCE RAINY SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	What was the value of the [SEED] that you purchased without coupons / vouchers or purchased on credit from [FIRST SOURCE] during the [REFERENCE RAINY SEASON]?	SOURCEJ? READ RESPONSES Paid in full, with own-savings1>>24 Received on credit	How much did you pay up-front for this [SEED] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING, RECORD ZERO.		
	NETWORK ROSTER ID CODE	QUANTITY	UNIT	HHID CODE #1	HHID CODE #	Other (Specify)5	мк	мк	on credit3	мк		

_				2ND SOURCE O	F COMMERCIAL	[SEED]				
CROP CODE	H22 How much did you repay/will you repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN- KIND PAYMENTS.		H24 Was there a SECOND SOURCE from whom you purchased any of the [SEED] without coupons / vouchers or on credit during the [REFERNCE RAINY SEASON]?	institution was the SECOND SOURCE of the [SEED] that you	H26 How much of the [S was purchased with coupons / vouchers purchased on credi [SECOND SOURC the [REFERENCE SEASON]? CODES FOR UNIT GRAM	SEED] nout s or t from E] during RAINY	H26_1 Who in housel paid fo purcha [SEED] the [SECO SOUR! LIST UF FROM HOUSE ROSTE	nold r the sed] from ND CE]?	H27 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	H28 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 [REFERNCE 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	HHID HHID CODE # 1 2		/ Minibus4 Other (Specify)5	МК

AG-MODULE H: SEEDS - [RAINY SEASON] (CONTINUED)

						3RD SOURCE	OF COMMERCIAL [SE	ED]			FREE [SEED]							
value of the	H30 How did you finance this [SEED] purchase from [SECOND SOURCE]? READ RESPONSES Faid in full, with own-savings.1>>34 Received on credit2 Fart own-savings,	H31 How much did you pay up-front for this (SEED) purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS IF NOTHING, RECORD ZERO.	How much did you repay/will you repay? INCLUDE CASH	What was the <u>source</u> <u>of credit</u> for this [SEED] purchase? LIST FROM NETWORK ROSTER	THIRD SOURCE from whom you purchased any of the [SEED] without coupons / vouchers or on cruching the [REFERENCE RAINY	firm/ institution was the THIRD SOURCE of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the	How much of the [SEED] was purchased without coupons / vouchers or purchased on credit from [THIRD SOURCE] during the [REFERENCE RAINY SEASON]?		How much of the [SEED] was burchased without coupons / rouchers or purchased on credit rom [THIRD SOURCE] during he [REFERENCE RAINY] SEASON]? CODES FOR UNIT: GRAM		Who in your household paid for the purchased [SEED] from the [THIRD SOURCE]?		H37 Did you receive any of the [SEED] for free during	free during th [REFERENC	DU REFĒRI SEASON E CON]? LIST UP I NETWOR	NCE RAINY], from whom eceive the	H39_1 What was the main mode of transportation used to bring back the [SEED] that you received for free during the [REFERENCE RAINY SEASON]? READ RESPONSES On Foot	H40 How much did you pay for transportation in total to acquire all of the [SEED] that you received for free during the [REFERENCE RAINY] SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.
мк	part on credit3	мк	мк	NETWORK ROSTER ID CODE	YES1 NO2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT	HHID HHI CODE CODE #1 2		YES1 NO2>>41	QUANTITY	JNIT ROSTEF ID CODE	ROSTER	/ Minibus4 Other (Specify)5	мк		

LEFT-OVER	R [SEED]				
H41 Was any of the [SEED] that you used during the [REFERENC E RAINY SEASON] left over from a previous season?	H42 How much of the that you used dur [REFERENCE R, SEASON] left over previous season?	ing the AINY er from a	H43 Why did you choose to use this [SEED]? READ RESPONSES Improved variety is too expensive1	ENUMERATOR: BEFORE MOVING TO THE NEXT MODULE, MAKE SURE THAT THE NUMBER OF SEEDS RECORDED IN THIS MODULE IS EQUAL TO THE NUMBER OF	
YES1	CODES FOR UNI GRAM. KILOGRAM. 2 KG BAG. 3 KG BAG. 3.7 KG BAG. 5 KG BAG. 10 KG BAG. 50 KG BAG. COTHER (SPECIFY).	1 2 3 4 5 6 7	Preference for traditional variety	UNIQUE CROP VARIETIES IDENTIFIED IN THE AG- MODULE G.	
NO2>>43	QUANTITY	UNIT	(THEN >> NEXT ROW)		ENUMERATOR:
					RECORD PRIMARY RESPONDENT ID FOR MODULE H:
					ENUMERATOR: RECORD END TIME FOR MODULE H:
					HOURS MINUTES

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AG-MODULE	I: POST-HARVE	ST - [RA	AINY SE	ASON]													
NOTE: CONCER	NING PANEL HOUS	SEHOLDS,	ALL QUES	STIONS AF	RE ADMIN	STERED IN	VISIT 2.	ENUMER	ATOR: RECORD S	TART DAT	E & TIME	FOR MOD	ULE I:				
I-0. ENUMERATO	OR: WHAT WAS TH	E REFERE	ENCE RAII	NY SEASC	N FOR TH	IIS HOUSEH	OLD? 20	017/2018	31 201	3/2019.	2			DAY	MONTH	HOUR	S MINUTES
ENUMERATOR: ONCE LISTING	REFER TO AG-MOI	DULE G. LI	ST THE N	AMES ANI	O CODES	OF ALL DIFF	ERENT T	YPES OF C	CROPS HARVESTE	D DURING	THE [REF	FERENCE	RAINY SE	ASON].			
***		POST-H	ARVEST	LABOR													
CROP CODE ω Ι	I01_1 ENUMERATOR: RECORD	I00 During th	ne [REFE	RENCE F	RAINY SE	ASON], ple	ase list fo	or me the I	nousehold membe	ers that wo	orked on t	his [CROI	P] for pos	st-harvest a	ctivities.		
ROP	PRIMARY RESPONDENT ID	RECORD	THE ID C	ODES FR	OM THE H	OUSEHOLD	ROSTER										
TH C MOD YPE)	RESPONDENTID	IF NO ON	IE ENGAG	ED IN PO	ST-HARVE	STING, REC	ORD ZER	O IN ALL	COLUMNS DESIGN	ATED FOR	R "WEEKS	" AND COI	NTINUE T	O 101.			
M C M		How mar	ny weeks	did each	househol	d member v	vork?										
ATE ISTEI 9/SEI		During th	nose weel	ks, appro	ximately h	low many da	ays did ea	ach house	hold member wor	k per wee	k?						
OPUI REL		During th	nose days	s, approxi	mately ho	w many hou	rs did ea	ch househ	old member work	per day?							
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)		, and the second	•		•	•			CTIVITY THEY W			I					
윤돈		VVIIIOIT GC	311 VILLOO W	oro trioy i	ilvoivou ii		ONDER	271011710	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	LIKE IIVV	OLVED III						
		НН	WEEKS	DAYS/	HOURS /		ı		POST-H PROCESSING	ARVESTING HH	WEEKS	DAYS /	HOURS/			T	PROCESSING
	HH ROSTER ID CODE	ROSTER ID CODE #1	WEEKS	WEEK	DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL	ROSTER ID CODE #2	WEEKS	WEEK	DAY	SHELLING/ THRESHIN G/PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)
	•	TO ACC	OMPANY I	NFORMATI	ON COLLE	ECTED ON "	QUANTITY	":	•	<u>. </u>					1		•
		KILOGRA 50 KG 1 PAIL (S PAIL (S CODE FO	BAG SMALL) LARGE) OR S/U:	1 NO. 2 NO. 4 BUNG 5 PIEG	12 PLATE	E6 BALL E7 OX8 OTH9	CART ER (SPEC	12 CIFY)13									

AG-MODULE I: POST-HARVEST - [RAINY SEASON] (CONTINUED)

PRE-POPULATED WITH CROPS G 20 THAT ARE LISTED IN MODULE H M 4 (CROP/SEED TYPE)	RECORD IF NO ON How man During th	ne [REFER THE ID CO IE ENGAG ny weeks nose week nose days	ODES FRO ED IN POS did each I	DM THE HO ST-HARVE household timately hounately hounately hou	OUSEHOLD STING, REC If member w ow many da w many hou	ROSTER. ORD ZER ork? uys did ea	O IN ALL (ch housel	nousehold members COLUMNS DESIGNAT hold member work poold member work poold member work poold member work poold member work pools	ED FOR "V er week? er day?	WEEKS" AI		·		ties.		
	HH ROSTER ID CODE #3	WEEKS	DAYS/ WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)	HH ROSTER ID CODE #4	WEEKS	DAYS/ WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)

SALES

PRE-POPULATED WITH CROPS GOS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	DDE 101 102 109 100 100 100 100 100 100 100 100 100		tal? CROPS, RTED	What was the total value of all [CROP] sales? ESTIMATE THE VALUE OF IN-KIND PAYMENTS.	ID4 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	buyers/outlets for your [CROP] sales? LIST UP TO 2 FROM NETWORK		Who in your household kept/decided what to do with these earnings? < LIST UP TO 2 FROM HOUSEHOLD ROSTER		When was most of the [CROP] sold? CODES FOR MONTH: JANUARY 1 FEBRUARY. 2 MARCH. 3 APRIL. 4 MAY. 5 JUNE. 6 JULY. 7 AUGUST. 8 SEPTEMBER. 9 COTOBER. 10		Approximately how many transactions took place while selling [CROP]?	CROP CODE	Unat was the main mode of transportation associated with all [CROP] sales? READ RESPONSES On Foot	What was the total cost of transportation associated with all [CROP] sales? INLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.	
	NO2>>31	QUANTITY	UNIT	S/U	мк	NU2>>11	NETWORK ROSTER	NEIWORK ROSTER	HH ROSTER ID CODE # 1	HH ROSTER ID CODE #2	NOVEMBE DECEMBE MONTH		NUMBER OF TRANSACTIONS		the crop5 Other (Specify)6	мк

LARGEST B	UYER/OUTL	.ET							
I11 Who/What was the [LARGEST BUYER/ OUTLET] for your [CROP] sales? LIST FROM NETWORK ROSTER	I12 How much of the harvested [CROP] was sold to [LARGEST BUYER/ OUTLET]? FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			I13 What was the total value of [CROP] sales to [LARGEST BUYER/ OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	I14 Who in your ho kept/decided w these earnings LIST UP TO 2 F HOUSEHOLD R	vhat to do with t? ROM ROSTER	I15 When was most of the [CROP] sold to the [LARGEST BUYER /OUTLET]? CODES FOR MONTH: JANUARY1 FEBRUARY2 MARCH3 APRTI4 MAY5 JUNE6 JULY7 AUGUST8 SEPTEMBER9 OCTOBER10 NOVEMBER11		
NETWORK ROSTER	QUANTITY	UNIT	S/U		HH ROSTER HH ROST		DECEMBER	YEAR	
ID CODE				MK	ID CODE # 1	ID CODE # 2	MONTH	(4-DIGIT)	

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

				SECOND LA	RGEST BU	YER/	OUTL	ET		
[CROP] TO	What was the main mode of transportation associated with the [CROP] sales to [LARGEST BUYER/OUTLET]?	cost of transportation associated with the [CROP] sales to [LARGEST BUYER/OUTLET]?	Was there another buyer/ outlet to whom you sold [CROP] during the [REFERENCE RAINY SEASON]?	BUYER/ OUTLET] for	I21 How much of harvested [G sold to [SEC LARGEST E OUTLET]? FOR ALL APIC CROPS, MAK ASK WHETH REPORTED SHELLED OF UNSHELLED	CROP] COND BUYER PLICAB RE SUR ER THE VALUE R	/ LE E TO E	What was the total value of [CROP] sales to [SECOND LARGEST BUYER/ OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	I23 Who in your ho kept/decided withese earnings LIST UP TO 2 F HOUSEHOLD R	what to do with i? ROM
NUMBER OF	Other (Specify)6	MK		NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U	MK	HH ROSTER ID CODE #1	HH ROSTER ID CODE # 2
TRANSACTIONS		<u> </u>] [
 1		L								

TO ACCOMPANY INFO	RMATION COLL	ECTED ON	"QUANTITY":
CODES FOR UNIT:			
			ALE10
			X-CART12
			THER (SPECIFY)13
PAIL (LARGE)5	PIECE	9	
CODE FOR S/U:			
S: SHELLED1	U: UNSHELLE	D2 NO	OT APPLICABLE3

							ALTERNATIVE U	SES				
PRE-POPULATED WITH CROPS M 4 THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	When was most of the [CROP] sold to the [SECOND LARGEST BUYER /OUTLET]? CODES FOR MONTH: JANUARY 1 FEBRUARY 2 MARCH 3 APRIL 4 MAY 5 JUNE 6 JULY 7 AUGUST 8 SEPTEMBER 9 OCTOBER 10 NOVEMBER 11		I25 Approximately how many transactions took place while selling [CROP] TO [SECOND LARGEST BUYER/OUTLET]?	I26 What was the main mode of transportation associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]? READ RESPONSES On Foot	transportation associated with the [CROP] sales to	I28 Was there another buyer/outlet to whom you sold [CROP] during the REFERENCE RAINY SEASON?				I31 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was given out as gifts or reimbursements for land, labour? EXCLUDE REIMBURSEMENTS FOR INPUTS BORROWED / ACQUIRED ON CREDIT. IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 32. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.		
	MONTH	YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS	(Specify)6	MK		QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U
		(4 5.6.1)										
	_											
	•			•	•							

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	

CDOD							1										1	
PRE-POPULATED WITH CROPS IN ACT ARE LISTED IN MODULE H (CROP/SEED TYPE)	How much of the harvested [CROP] during the [REFERENCE RAINY] SEASON] was given out as reimbursements for inputs borrowed or acquired on credit? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 33. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED. 133				OF TEED RO OPS, THER S	I34 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was used as input for [CROP] by-products that your household sold, if any, for cash/ in-kind goods/ services? EXCLUDE CROP USED AS INPUT FOR OWN-PRODUCED BY-PRODUCTS CONSUMED AT HOME. IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 35. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			How much of the harvested [CROP] during the [REFERNCE RAINY SEASON] was saved for seed? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 36. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			How much of the the harvested [CROP] during				Rotting		

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

	STORAGE											
CROPS DULE H DULE H	I38 Do you have any of the harvested [CROP] in storage now?			ROP] d	RAINY	I41 What did you protect the s [CROP]?		I41_1 What it the main type of pesticide used?	I41_2 Where did you get most of the pesticides from?	I41_3 According to you, how effective is the pesticide used?	I42 In general, whe [CROP], what is main purpose for	usually the
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	YES1 NO2>>42	Unprotected pile1 Heaped in house2 Bags in house3 Chitandala in house4 Chitandala outside5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic	being stored by your household? FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.		READ RESPONSES. LIST UP TO 2. Spraying		Dust	Agro Dealers1 Local Vendors2 Public/NGOs3	Very effective1 Effective2 Little Effective.3 Not Effective at All4	READ RESPONSES. LIST UP TO 2. Food for household1 To sell at a higher price		
		Silo8 Other (Specify)9	QUANTITY	UNIT	S/U	1ST	2ND				1ST	2ND

TO ACCOMPANT INFO	MMATION COLLECTED	ON QUANTITI .	
CODES FOR UNIT: KILOGRAM1 50 KG BAG2 PAIL (SMALL)4	NO. 10 PLATE6 NO. 12 PLATE7 BUNCH8	BALE	
PAIL (LARGE)5 CODE FOR S/U: S: SHELLED1		NOT APPLICABLE3	

ENUMERATOR: RECORD END TIME FOR MODULE I:

	1
	1
HOURE	MAILTEE

AG-MODULE I 2: GARDEN DETAILS - [REFERENCE DIMBA SEASON]

NOTE:	THIS MODULE ADMINISTERED IN VISIT 2 FOR	

PANEL HOUSEHOLDS

LO. ENUMERATOR: WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD? 2019.

ENUMERATOR: RECORD START DATE & TIME FOR MODULE	DAY	MONTH	HOURS	MINUT
---	-----	-------	-------	-------

ENUMERATOR: ASK THE FOLLOWING FOR EACH DIMBA SEASON GARDEN RECORDED IN HH-MODULE F1_1(QUESTION 5_2) AND NOT CULTIVATED IN THE RAINY SEASON. GO THROUGH THE ENTIRE MODULE ONE GARDEN AT A TIME.

PRE-POPULATED WITH GARDENS THAT BARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_I AND THAT ARE CULTIVATED DURING ONLY THE DIMBA SEASON.	L_2_02 ENUMERATOR: RECORD THE ID OF THE RESPONDENT. LIST FROM HOUSEHOLD ROSTER	I_2_03_1 From who you acqui [GARDEN LIST UP TO FROM NETWORK ROSTER	om did In which ire this year was this [GARDEN acquired?	rights to this [GARDEN]?	as owi LIST U HOUSI	s listed ner of th	nis [GA JOINT C ROSTEI	RDEN] WNERS	al docur ? S FROM UP TO 2		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, how much could you rent it for?	I_2_07 ENUMERATOR: :IS THIS A CROSS- SECTIONAL HOUSEHOLD?
	HH ROSTER ID CODE		NWID CODE #2 4-DIGIT YEA	SALES RECEIPT	HHID CODE #1	HHID CODE #1	HHID CODE #1	HHID CODE #1	NWID CODE #1	NWID CODE #2	МК	(THEN >> 14)	YES1 NO2>>10

AG-MODULE I 2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

	١	RENTE	D IN																		
GARDEN		I_2_08				I_2_09		I_2_10				I_2_11				I_2_12	I_2_13		I_2_1		I_2_14
¥ ,	ŀ				is [GARDEN]	How much did you pay		How much						Iready pay the ow		What	Who owns this		Who i		During the [REFERENCE DIMBA
두 불통	C		give as rei ENCE DIN			owner for the use of [G in the [REFERENCE D				supposed to e [REFERE		use of [G SEASON		the [REFERENCE	DIMBA	period of time did	[GARDEN]?		house has th		SEASON], is this [GARDEN]
PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F.1 AND THAT ARE CULTIVATED DURING ONLY	ľ	IKELEK	ENCE DIN	VIDA SE	ASON]?	SEASONI?	IIVIDA	DIMBA SE		ב נוגבו בוגב	INOL	OLAGON	1:			this	LIST UP TO 2 FF	ROM	rights		READ ANSWERS
崩꿆띢홑	Ž.	ENTER Z	ERO FOR	"QUAN"	TITY" IF NO			557 (02	., .00.11					PAYMENT HAS BEEN		payment	NETWORK ROS		[GAR		
P SE	δŞ(RENT, AND	ENTER ZERO IF NO PAY				QUANTITY" I		ESTIMATE	THE VALU	E OF IN-KIND PAYM	IENTS.	cover?					
프로	SE,				THAN TWO RENT, ASK	HAS BEEN MADE. EXCL PAYMENTS BY CROP OF				VEN AS REN MORE THAI		How muc	h do vou st	till have to pay the	owner for	READ			LIST I	JP TO	
FINE	¥.		HE MAIN (LINI, ASK	ONE TYPE OF CROP IS				D, ASK ABOL				N) in the [REFERE		ANSWER			HOUS		
U B K F	≣			COI	DE FOR S/U:	PAID AS RENT.		MAIN CRO	Р.	CODE FOR	S/U:	DIMBA S	EASON]?			S			D RC		
A TS	ш			S:5	SHELLED1	ESTIMATE THE VALUE O	OF IN-			U:UNSHELL	ED2	ENTED 7	- DO IE NO E	******							
길급한삤	픁			NO.	PAPPLICABLE.3	KIND PAYMENTS. IF MO	RE THAN			NOTAPPLIC	ABLE.3			'AYMENT WILL BE E VALUE OF IN-KIND)						
P R IS A			FOR UNIT			ONE TYPE OF CROP WA AS RENT, INCLUDE AS I		CODES FO	OR UNIT:			PAYMENT	S. EXCLUD	E PAYMENTS BY C	ROP						Cultivated1 >> END OF MODULE
# 5 E		50 KG	BAG	2		IN-KIND PAYMENTS THE		KILOGRAN 50 KG BA						E OF CROP IS TO B I ONE TYPE OF CR							Rented out2 Gave out
R L			SMALL)			OF CROPS OTHER THA	N THE	PAIL (SN	MALL)	. 4				CLUDE AS PART OF		Rainy					for free3 >> END OF MODULE Fallow4 >> END OF MODULE
		NO. 10	PLATE	6				PAIL (LA NO. 10 H						JE OF CROPS OTH	ER THAN	Season.					Forest /
			PLATE					NO. 12 I	PLATE	. 7		THE ONE	RECORDE	IN QUESTION 10.		Full					Woodlot5 >> END OF MODULE Pasture6 >> END OF MODULE
		PIECE.		9		(THEN >> 12)			0X-CART12					FUTURE PAYN	MENTS	Year (Rainy					Other
		OX-CAF OTHER	T	.12				OX-CART.	OX-CART12				DITAID	TOTOKETATI	LITTO	& Dimba					(Specify)7 >> END OF MODULE
		(SPECI	FY)	.13		CASH	IN-KIND		PIECE			CASH	IN-KIND	CASH	IN-KIND	Seasons)2	NWID CODE #1	NWID CODE	HH ROSTE	HH ROSTE	
	-	CROP	QUANTITY	UNIT	S/U	MK	MK	CROP	OX-CART12 OTHER (SPECIFY)13 CASH			MK	MK	MK	MK	Other		#2	R ID	R ID	
		TYPE						TYPE											CODE	CODE	
						-															
															1						
1															1						

AG-MODULE I 2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

		RENTED OUT	Г												
PRE-POPULATED WITH GARDENS THAT IN THE PARE LISTED IN HOUSEHOLD DE QUESTIONNAIRE MODULE F. 1 AND THAT ARE CULTIVATED DURING ONLY THE DIMBA SEASON.	L.2_15 ENUMERA TOR: IS THIS A CROSS- SECTIONA L HOUSEHO LD?	BUNCH	if any, in the N]? OR "QUANTIT' AS RENT, AN AN TWO GRO ABOUT THE I OR "SE SE S	Y" IF NO O ID CONTIN	UTPUT UE TO E P. /U:1 D2	renting out this [REFERENCE SEASON]? ENTER ZERO II RECEIPTS BY (ONE TYPE OF RECEIPTS BY (ONE TYPE OF RECEIPTS. IF M TYPE OF CROPS OF THE RECORDED IN	F NOTHING WAS RENT. EXCLUDE CROP OUTPUT IF CROP IS TO BE RENT. VALUE OF IN-KIND IORE THAN ONE WAS RECEIVED UDE AS PART OF PTS THE VALUE OF I THAN THE VALUE OF	I. 2_18 How much out supposed to re [REFERENCE ENTER ZERO F BE RECEIVED. CROPS WILL B CROP. CODES FOR UN KILOGRAM 50 KG BAG 50 KG BAG 10. 11. (LARGE) NO. 10 PLATE NO. 12 PLATE NO. 12 PLATE SUNCH PIECE OX-CART OTHER	eceive as ren E DIMBA SEA FOR "QUANTII AS RENT. IF M SE RECEIVED, NIT: COD	it, if any, in the SON] rainy s TY" IF NO OUT	e eason? PUT WILL WO THE MAIN	[GARDEN ENTER ZE ESTIMATE HOW mucl out this [O] SEASON] ENTER ZE THE VALU CROP OU' AS RENT. RECEIVEE VALUE OF QUESTION	IJ in the [REFERE RO IF NOTHING H. THE VALUE OF IN the are you still supp BARDEN] in the [F]? RO IF NOTHING W. E OF IN-KIND REC TPUT IF ONE TYPE IF MORE THAN ON INCLUDE AS PAR- CROPS OTHER TI	receive from rentii NCE DIMBA SEA AS BEEN RECEIVE: -KIND RECEIPTS. posed to receive f REFERENCE DIM FILL BE RECEIVED BE FOR CROP IS TO BIE TYPE OF CROP IN TO FINAND RECEIVED	SON]? D. rom rentir BA ESTIMATE EECEIPTS E RECEIVI WILL BE EIPTS THI CORDED IN
	YES1 NO2>	OTHER	12 PLATE				IN-KIND	(SPECIFY)	13	T UNIT	I S/U	CASH	IN-KIND	CASH	IN-KINI
			<u> </u>									<u> </u>		<u> </u>	
									†						

AG-MODULE J: PLOT ROSTER - DRY (DIMBA) SEASON ENUMERATOR: RECORD START DATE & TIME FOR MODULE N:

_											
		A GARDEN (MUNDA	A) IS A CONTINUOUS PIE	CE OF LAND AND SHO	ULD <u>not be split</u> by a <u>river</u> or a <u>pat</u>	H WIDE ENOUGH TO FIT AN O	(-CART OR VEHICLE. A GARDEN (CAN CONTAIN <u>ONE</u> OR <u>MORE</u> PLOTS.			
	EΑ	A DI OT IS DESINED	AS A CONTINUOUS DIE	CE OF LAND ON WHICH	H A UNIQUE CROP OR A MIXTURE OF CRO	DE IS CROWN LINDER A LINE	ODM CONSISTENT CROP MANAG	EMENT SYSTEM			
		A <u>FLOT</u> IS DEFINED	AS A CONTINUOUS FIL	CE OF LAND ON WHICH	HA UNIQUE CROP OR A MIXTURE OF CRO	DF3 IS GROWN, UNDER A UNIF	ORM, CONSISTENT CROP MANAG	DEMENI SISIEM.			
		A <u>PLOT</u> MUST BE <u>C</u>	ONTINUOUS AND SHOU	JLD <u>NOT BE SPLIT BY A</u>	PATH OF MORE THAN ONE METRE IN WI	DTH. PLOT BOUNDARIES ARE	DEFINED ACCORDING TO THE CF	ROPS GROWN AND THE OPERATOR.			
		Please list all PL	OT on all GARDEN	S (MINDA) you or an	yone in your household <u>cultivated</u> d	uring the [REFERENCE DI	MBA SEASON].				
ŀ		J02	J03	J03 2		J06	J06 1	J07			
- 1,				_	J04		J05	CORDINATES FOR THE CORNER OF THE RIG		_	ENUMERATOR: RECORD TH
ď	-	PLOT NAME	LOCATION &	RECORD THE GARDEN THAT	What is the <u>area</u> of this [PLOT]?		AT WHICH YOU STARTED AREA	OORDINATES FOR THE CORNER OF THE PLO MEASUREMENT	RECORD	TOR:	WEATHER CONDITIONS AT
	ID		DESCRIPTION		ENUMERATOR: ASK THE FARMER TO ES	TPOLE ADEA FIDST	AT WHICH TOO CIVILLED VIKEN	WENGONEWEITT.	NUMBER OF	RECORD	TIME OF MEASUREMENT
				PART OF.	MEASURE THE AREA WITH THE GPS BE		IF YOU DID NOT RECORD THE G	PS COORDINATES, PLEASE SPECIFY REASO		GPS	
				(PRE-	REMAINING MODULES. MAKE SURE TO				GPS TRACKED	ACCURACY	•
				POPULATED	WITH GPS AT LEAST TWICE TO GET A C	ONSISTENT VALUE. RECORD			TO CAPTURE		
					ZEROS TO THE RIGHT OF THE DECIMAL.		CODES FOR REASON:		PLOT	,	CODES FOR CONDITION Clear/Sunny1
				THAT ARE LISTED	CODES FOR UNIT	<u>'s</u>	LONG DISTANCE WITHIN T	UTC DICTRICT 1	COORDINATES	2	Mostly Clear /
				IN HOUSEHOLD QUESTIONNAIRE		_	LONG DISTANCE WITHIN I				Mostly Sunny2
				MODULE F 1)	ACRE		HOUSEHOLD REFUSED				Partly Cloudy /
				WODOLL I_I)	SQUARE METERS.		OTHER (SPECIFY)	4			Partly Sunny3 Mostly Cloudy /
					YARDS						Considerable
					OTHER (SPECIFY)5					Cloudiness4
					a.	b.	1				Completely Cloudy5 Rainy6
					FARMER ESTIMATION	GPS MEASURE	a.	b.			Rainy
			1	l			!			1	

D01			 						İ
D02			 		o 	0			
D03			 		0	0			
D04			 		0	0			
D05			 		0	0			
D06			 		0	0			
D07					0	0			
D08			 		o	o			
·	•	•				EN PF	IUMERATOR: RECORD	ENUMERATOR: RECORD	

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

NOTE: THIS MODULE ADMINISTERED IN VISIT 2 FOR PANEL HOUSEHOLDS

ENUMERATOR: RECORD START DATE & TIME FOR MODULE K:

			l
	l l		l

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

	ACTE	

								PLU	I CHA	KACI	ERIS	1105									
PRE-POPULATED WITH PLOTS THAT ARE TISTED IN MODULE J	ENUMERATOR: WAS THIS PLOT ON A RAINY SEASON GARDEN? REFER TO THE J03_2 IN AG_MODULE_J. IF THE GARDEN ASSOCIATED WITH THE PLOT HAS A PREFIX "RG", SELECT "YES"	K02 Who in the household makes the decisions concerning crops to be planted, input use and the timing of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER	K02_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]?	K02_2 Who are decision the [PLO' LIST UP T HOUSEHG MEMBER; HOUSEHG ROSTER	makers on T]? TO 2 DLD S FROM	K03 ENUMER- ATOR: RECORD THE ID OF THE ID OF THE RESPON- DENT. LIST FROM HOUSE- HOLD ROSTER	K15 During the [REFERENCE DIMBA SEASON], is this [PLOT] READ ANSWERS Cultivated1 >> 21 Rented out2 Gave out for free3 >> 22	K21 What [PLO] [REF SEAS REFE END (LIST / IMPO THE M	crops (T) during ERENCE GON]? R TO CID F THE ALL CROWN THE CONTRACT IN COT LIST EE OR A CONTRACT CONT	were play g the E DIMI ROP CO QUEST DPS IN 1 E, STAR IPORTA CASSA	anted of BA DDES A TONNA ORDER RTING V ANT CR	T THE IRE.	What is the predominant soil type of this [PLOT]? READ ANSWERS Sandy (Mchenga) 1 Loam Between sandy & clay (Pakati	soil quality	K24 How would you rate the extent of erosion on this [PLOT]? READ ANSWERS	K25 What ar Causes these er problem READ ANSWEF LIST UP	of rosion as? RS TO 2	What type of control/wate facilities are [PLOT]? READ ANSW LIST UP TO: STRUCTURE RECORD "1" 26.2 No erosid control. Terraces. Erosion of bunds Gabions / Sandbags. Vetiver of Tree belt	r harvesting on this ERS 2 TWO SS. IF NONE, IN BOTH >> on 1	K26_1 When was investmen [STRUCTU made? During 1. months 2 years 3 years 4 years 6 years 6 years 6 years 6 years 6 years 7 years 7 years 8 years 9	ast 121 ago2 ago3 ago4 ago5 n 5
	YES1>>36 NO2	HH ROSTER ID CODE	YES1 NO2 >> 3	HH ROSTER ID CODE #1	HH ROSTER ID CODE #2	HH ROSTER ID CODE	Fallow4 >> 22 Fallow5 >> 36 Woodlot5 >> 36 Pasture6 >> 36 Other (Specify)7 >> 36	1st	2nd	3rd	4th	5th	a clay (Pakati pa mchenga ndi katondo)2 Clay (Katondo)3 Other (Specify)4	Good1 Fair2 Poor3	No Erosion1 >> 26 Low2 Moderate.3 High4	ind nimals. ther Specify	3	Water har bunds Drainage ditches Other (Sp	vest7	(THEN >:	> Q27)

PLOT ID	K26_2		K27	K28	K29		K30	K31	K32	K33	K34	K35	K36
1. 20	What are th		What is the slope		What syster	mc of	What is the method	What is the source	ENUMERATOR:	What was the	For how many	Why was this [PLOT] le	
Щ			of this [PLOT]?	swamp/wetland				of water on this	REFER TO			fallow?	WAS THIS PLOT
₩ ₩	reasons you		of this [PLOT]?	2			or obtaining water for			most recent year		Tallow?	
WITH PLOTS THAT ARE IN MODULE J	invested in s		READ ANSWERS	ľ	this [PLOT]	ſ	this [PLOT]?	[PLOT]?	THIS PLOT LEFT	in which this	fallow?	LIGHTUD TO 6	CULTIVATED
l È	water conse		READ ANSWERS						FALLOW DURING	[PLOT] was left		LIST UP TO 2	DURING THE
ري : ري	structures o				READ ANSW	/ERS	READ ANSWERS	READ ANSWERS	THE [REFERENCE	fallow?			[REFERENCE
6.4		or cultivated			LIGTURE				DIMBA SEASON]?				DIMBA SEASON]?
로 걸	by the house	ehold?			LIST UP TO	2				IF NEVER RECORD			-
Ξ≅										ZERO.			
Σ̄Ζ										IF DON'T KNOW,			
PRE-POPULATED V										RECORD DK .		Good for	
E E					Divert					RECORD DK.		land1	
1 2 5		,			stream					IF NEVER OR		Lack of	
Ĕ	Requires t labor				Bucket Hand	2				DON'T KNOW (DK),		non-labour inputs2	
Ä	Materials				pump	3				>> 36.		Lack of	
Ë	available.				Treadle					oo.		household	
	Materials				pump	4						labour3	
	costly				Motor		Watering					Lack of	
	No soil or erosion pr				pump		can1	Well1				hired labour4	
	on any	ODIEMS	Flat1		Gravity Rainfed/N		Hose pipe2	Borehole2				Lack of	
	plots	4	Slight		irrigation		Sprinkler3	Lake /				equipment.5	
	Too risky/		slope2		Other		Drip	Pond3				Lack of	
	unclear	5	Moderate		(Specify)	8	irrigation4	River /				credit6	
	Other (Specify).	c	slope3	YES1			Flooding5	Stream4 Other				Other (Specify).7	YES1
	(Specity).	0	Steep, hilly4	NO2			Other (Specify)6	(Specify)5	YES1>> 34			(Specify)./	NO2 >>
	1ST	2ND		NO2	1ST	2ND	(opecity)o	(0)00111/	NO2	YEAR [4-DIGIT]	NUMBER OF	1ST 2ND	NEXT ROW
											YEARS		
	1		1										
									1				
		1											
									1				
			ĺ						1				
			ĺ						1				
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			ORGANIC FER	IILIZEK		INORGANIC	FERTIL	IZER											PESTICIDES/HERBICIDES
PRE-POPULATED WITH PLOTS THAT ARE	planting thi you finish p [PLOT] in t half of the RECORD WITHIN M	s [PLOT]? Did lanting this he first or second month? MONTH AND DNTH TIMING OR MONTH:1 3 4 5 6 7 8 ER. 9 10 R. 11		did you apply [PLOT]? USE THE SAI ALL PLOTS. CODES FOR KILOGRAM. BUCKET	ME UNIT FOR R UNIT:210	Did you use any inorganic fertilizer on this [PLOT] during the IRFFERENC	IF TWO FERTIL FOR "Q	DTYPES OF FIZER IN THE (RUANTITY." any weeks af g did you finis CODES F 23:21:0 DAP CAN UREA D COMPO OTHER F	ter plant the 2	HITOWE1 2 3 4	IN A GIVEN A T NOTE THE :	PPLICA'SUM OF	BOTH TYPES blication on the	OF FE	ERTILIZER IN THE O	COLUMN	you do on	weeks after	K41 Did you use any pesticides/ herbicides on this [PLOT] during the [REFERENCE DIMBA SEASON]?
	COLES FOR WI FINING: LST HALF 2ND HALF	THIN MONTH 1 2	YES1 NO2 >>39	WHEELBARF OX CART OTHER (SPECIFY) QUANTITY	12	YES1 NO2 >> 41	TYPE	ı		IC FERTILIZER PPLICATION ENUMERATOR: TOTAL KGS	NUMBER OF WEEKS	TYPE	SI		C FERTILIZER APPLICATION ENUMERATOR: TOTAL KGS	NUMBER OF WEEKS	NUMBER OF WEEDINGS	NUMBER OF WEEKS	YES1 NO2 >> 43

							HOUSEH	OLD LAB	OUR													
PLOT ID	K42 How muc	h <u>pesticides/ herbi</u>	cides did y	you apply t	o this [PLOT]?		K43 During the	e [REFER	ENCE DIN	MBA SEAS	ON], plea	se list for r	me the hou	usehold m	embers th	at worked	on this [P	LOT] for la	and prepar	ation and/	or planting	
IAT AR		FICIDES/HERBICIDE					RECORD	THE ID C	ODES FR	ROM THE	HOUSEH	OLD ROS	TER.									
WITH PLOTS THAT ARE IN MODULE J	FORM.	,					IF NO ON TO 44.	NE ENGAC	GED IN LA	ND PREP	ARATION	AND/OR	PLANTING	G, RECOF	RD ZERO	IN ALL CO	DLUMNS I	DESIGNA	TED FOR	"WEEKS"	AND CON	ITINUE
ITH PL							How man	y weeks d	id each ho	usehold n	nember wo	rk?										
TED W	INSECTI	OR TYPE: CIDE7					During the	ose weeks	, approxin	nately how	many day	s did each	n househo	ld membe	r work per	week?						
PRE-POPULATED V	FUNGICI FUMIGAN	DE					During the	ose days,	approxima	ately how r	many hour	s did each	househol	d member	work per	day?						
PRE-P		ESTICIDE/ DE(SPECIFY)11																				
	GRAM	OR UNIT: 1 M2																				
	LITER MILLILI													LAND PRE	PARATION							
	OIIIII (AND PL	ANTING							
		DER					HH ROSTER ID	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID	WEEKS	DAYS / WEEK	HOURS / DAY
	TYPE	QUANTITY	UNIT	TYPE	QUANTITY	UNIT	CODE #1				CODE #2				CODE #3				CODE #4			

PRE-POPULATED WITH PLOTS THAT ARE QUISTED IN MODULE J	During t fertilizing RECOR IF NO C COLUM How ma	g and/or RD THE DNE EN INS DE: any wee	r any oth ID CODI GAGED SIGNATI ks did ea eeks, app	er non-h ES FRO IN WEE ED FOR ch hous	arvest ac	tivity. OUSEHO RTILIZII AND Comber wo	OLD RO NG AND CONTINU ork? vs did eac	STER. /OR AN' JE TO 4: ch house	Y OTHER 5. ehold mer	t NON-H mber wor	IARVES rk per w	T ACTIV	on this [Pl				TO 46.	ng. D THE II NE ENG ny week nose we	D CODE SAGED s did ea eks, app	ES FRO IN HAR' ach hous	M THE H /ESTING ehold me	IOUSEH G, RECC ember w many da	IOLD RO DRD ZEF ork? ys did e	OSTER. RO IN Al	LL COLL sehold m	JMNS D	ESIGNA work per	TED FC				
									FERTILIZIN															HARVE	STING							
	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS / DAY	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	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	HOURS / DAY

PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE J	types of activ IF NONE, RE What was the IF LABOR W How much cr	EFFERENCE DIMBA SI itities? ECORD ZERO IN ALL C B average daily wage p AS HIRED FOR MORE OP did you give in total WAS GIVEN AS PAYI CODES FOR UNI KILOGRAM 50 KG BAG PAIL (SMALL). CODE FOR S/U:	COLUMNS DE aid to men / we THAN ONCE to all workers MENT, RECOLUMNS DE AID AID AID AID AID AID AID AID AID AID	SIGNATED FOR "DAY omen / children hired for FOR DIFFERENT AC"	S" AND CONT r any and all ty TIVITIES, AID es of acitivites FOR "QUANT	pes of activities? THE RESPONDENT IN	COMPUTIN	-			K47 During the [F SEASON], h women or ch from other hc [PLOT] for al activities, su- planting, ridg free of charg or to assist fo	REFERENCE ow many days illdren (<15 yeo oon ye and all type ch as land pre ging, weeding e, as exchanger or nothing in r	DIMBA s did men, ars of age) rk on this so of paration, and fertilizing, pe labourers eturn?	exchange/fi on [THIS PI types of ac LIST UP TO ROSTER	e household of the labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour concept labour	me to work and all WORK
				Al	L ACTIVITIES							ALL ACTIVITIES	6			
	MEN	AVG. DAILY WAGE FOR MEN	WOMEN	AVG. DAILY WAGE FOR WOMEN	CHILDREN	AVG. DAILY WAGE FOR CHILDREN		TOTAL PAYM BY CROF			MEN	WOMEN	CHILDREN	NETWORK ROSTER	NETWORK ROSTER	NETWORK ROSTER
	NUMBER OF DAYS	MK	NUMBER OF DAYS	MK	NUMBER OF DAYS	MK	TYPE	QUANTITY	UNIT	S/U	NUMBER OF DAYS	NUMBER OF DAYS	NUMBER OF DAYS	ID CODE #1	ID CODE #2	ID CODE #3
									PR		FOR: RECORD RESPONDENT DULE K:	REC	MERATOR: ORD TIME 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 MINITES DAY HOURS L-0. ENUMERATOR: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD? 2019...2 2018...1 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. L01 L02 LOA. 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 NAME TYPE [REFERENCE 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 plots during the all of this **ENUMERATOR:** FOR ROW 101, ORGANIC FERTILIZER TYPE OF INORGANIC FERTILIZER, AND CHECK THAT THE CORRESPOND TO [REFERENCE [INPUT] come (MANURE), NO INPUT TYPE CODE IS NECESSARY. 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 SEASON]? by using FOR ROWS 102-105, REFER TO THE INPUT TYPE MODULE L QUESTION 40 OVER BOTH APPLICATIONS AND INPUT USED CODES OF THE INORGANIC FERTILIZERS USED ON ALL PLOTS. coupons / **DURING THE** 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 ALL BE LISTED IN QUESTION 40. YES 1 NO...2>> CODES FOR UNIT: YES, THE FOR ROWS 106-109, REFER TO THE INPUT TYPE BUCKET.....10 NEXT GRAM....1 FIGURES CODES OF THE PESTICIDES/ HERBICIDES USED ON KILOGRAM....2 WHEELBARROW.11 MODULE MATCHED...1 THE PLOTS. AS REPORTED IN MODULE L QUESTION LITER....8 OX CART....12 OTHER (SPECIFY)...13 MILLILITER...9 42. NO, THE ENTRIES IN YES..1 >>NEXT MODULE K, AND ROW QUESTION 1 OF NO 2 MODULE L WERE QUANTITY UNIT ADJUSTED..2 ORGANIC FERTILIZER 101 ORGANIC FERTILIZER INORGANIC FERTILIZER TYPE # 1 102 103 INORGANIC FERTILIZER TYPE # 2 INORGANIC 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

					COMMERCIA	AL [INPUT] F	URCHASES				
			L04	L05	L06		L07		L08	L09	L10
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		During the [REFERENCE DIMBA SEASON], did you purchase any [INPUT] without coupons/ vouchers or purchase any [INPUT] on credit?	IS THIS A CROSS- SECTIONAL HOUSEHOLD?	Who/Which firi were the source [INPUT] that you without coupor or purchased of the [REFEREN SEASON]? LIST UP TO 2 FI NETWORK ROS	es of the ou purchased as / vouchers on credit during ICE DIMBA	How much of the [INPUT purchased without coupe vouchers or purchased of during the [REFERENCE SEASON]? RECORD TOTAL QUAN REGARDLESS OF SOU CODES FOR UNIT: GRAM	ons / on credit E DIMBA ITITY, IRCE.	What was the main mode of transportation used to bring back all of the input that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]? READ RESPONSES On Foot	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 DIMBA SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	What was the value of all of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]?
			NO2>>37	NO2>>15	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	QUANTITY	UNIT		MK	МК
101	ORGANIC FERTILIZER	><									
102											
103											
104											
105											
106											
107											
108											
109											

								1ST SOURCE C	F COMMERCIAL	. [INP	UT]
	COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE	CODE	L11 How did you finance this [INPUT] purchase? READ RESPONSES Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part	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.	repay? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE	L14 What was the credit for the [I purchase? LIST UP TO 2 F NETWORK ROS (THEN>>37)	ROM	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 [REFERENCE] DIMBA SEASON]? CODES FOR UNIT. GRAM	nout s or t from during	
			on credit3	МК	МК	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	NETWORK ROSTER ID CODE	QUANTITY	UNIT	
101	ORGANIC FERTILIZER	>>									
102											
103											
105											
106											
107											
108											
109											

		1.40	1140	11.00	11.04	L22	11.00	L24
		L18	L19	L20	L21		L23	
COPY INPUT TYPE NAME * INPUT TYPE CODE FROM PREVIOUS PAGE		How much did you pay for transportation to acquire the [INPUT] that you purchased without coupons / vouchers or purchased on credit from [FIRST 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 [FIRST SOURCE] during the [REFERENCE DIMBA SEASON]?	How did you finance this [INPUT] purchase from [FIRST SOURCE]? READ RESPONSES Paid in full, with own-savings1>>24 Received on credit2 Part own-savings,	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.	you repay/will you repay? INCLUDE CASH PAYMENTS		Was there a SECOND SOURCE from whom you purchased any of the [INPUT] without coupons / vouchers or on credit during the [REFERENCE DIMBA SEASON]?
		MK	MK	part on credit3	MK	мк	NETWORK ROSTER ID CODE	YES1 NO2>>37
		1			-	1	1	1
ORGANIC FERTILIZER								
	1			1				

		2ND SOURCE OF	F COMMER	CIAL [INP	UT]						
		L25	L26		L27	L28	L29	L30	L31	L32	L33
COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE	CODE		SOURCE] d	s purchased ons / purchased ons / purchased m [SECOND uring the CE DIMBA UNIT:12345678 R910 OW.11	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 Foot1 Bicycle Taxi2 Own Bicycle or Oxcart3 Truck / Bus / Minibus4 Other	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]?	[INPUT] that you purchased without coupons / vouchers or purchased on credit from	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,	How much did you pay up-front for this [INPUT] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF INKIND PAYMENTS. IF NOTHING, RECORD ZERO.	you repay? INCLUDE CASH PAYMENTS AND ESTIMATED	What was the <u>source</u> <u>of credit</u> for this [INPUT] purchase? LIST FROM NETWORK ROSTER
		NETWORK ROSTER ID CODE	(SPECIFY) QUANTITY	UNIT	(Specify)5	МК	мк	part on credit3	мк	MK	NETWORK ROSTER ID CODE
ORGANIC FERTILIZER	\sim										

			3RD SOURCE C		RCIAL [INPUT]	FREE [INPUT]					
		L34	L35	L36		L37	L38		L39		L40
_	INPUT TYPE CODE	from whom you purchased any of the [INPUT]		purchased w vouchers or credit from [during the [F	vithout coupons / purchased on THIRD SOURCE] REFERENCE SON]?	free during the	How much o [INPUT] did in total for fre the [REFER] DIMBA SEA	you receive the during ENCE SON]?	During the [REFEREN SEASON], did you rece the [INPUT] LIST UP TO NETWORK I	CE DIMBA from whom eive most of for free? 2 FROM	How much did you pay for transportation in total to acquire all of the [INPUT] that you received for free during the [REFERENCE DIMBA SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.
COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		Yes1 No2>>37	LIST FROM NETWORK ROSTER NETWORK ROSTER ID CODE	5 KG BAG. 10 KG BAG 50 KG BAG LITER MILLILITE BUCKET WHEELBARF OX CART OTHER (SPECIFY)	5	Yes1 No2>>41	5 KG BAG 10 KG BA 50 KG BA LITER MILLILIT BUCKET WHEELBAR OX CART. OTHER (SPECIFY	G6 G78 ER910 ROW.1112	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	мк
ORGANIC FERTILIZER	><										

		LEFT-OVER [I	NPUT]		OWN-PRODUCED OR	GANIC FERTILIZE	R
INPUT TYPE NAME	INPUT TYPE CODE	Was any of the [INPUT] that you used during the [REFERENCE DIMBA	L42 How much of [INPUT] that during the [REFERENC SEASON]wa from a previo	you used E DIMBA s 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 [F SEASON]?	-production or own
COPY INPUT TYPE NA & INPUT TYPE CODE FROM PREVIOUS PAGE		YES1 NO2>>43	CODES FOR GRAM KILOGRAM. KILOGRAM. 2 KG BAG. 3 KG BAG. 5 KG BAG. 10 KG BAG. 50 KG BAG. LITER. MILLILITER BUCKET WHEELBARRO OX CART OTHER (SPECIFY).	1 2 3 4 5 6 7 8 R9 10	YES1	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 OTHER (SPECIFY)13	UNIT
ORGANIC FERTILIZER					NO2 >> NEXT ROW		

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:

ſ				
L	DAY	MONTH	HOURS	MINUTE

M-0. ENUMERATOR: WHAT WAS THE REFERENCE DIMBA SEASON FOR THIS HOUSEHOLD? 2018...1 2019...2

PLOT ID CROP M0A M0B MOB 1 MOB 2 M02 M04 M06 M07 CODE ENUMER-When did you plant THAT tion 21) What is the Is the variety When did What type of crop How much seed did ENUMER-Is the Was the Approximately, Have you ARE ATOR: primary variety local or variety you last stand was on the [CROP] how much of you plant for the the seeds for the ATOR: IS completed RECORD THIS A of [CROP] buy the [PLOT]? planted in the e the [PLOT] is [CROP] on this [PLOT] [CROP] on this PRE-POPULATED WITH PLOTS THAT LISTED IN MODULE J improved? recyclable the harvest PRIMARY CROSS-PRE-POPULATED WITH CROPS ARE LISTED IN MODULE K (questi entire area of under [CROP]? [PLOT] during the of the being seed you during the RESPON-READ RESPONSES the plot? SECTIONAL cultivated on planted on [REFERENCE DIMBA [REFERENCE DIMBA [CROP] DENT ID HOUSE-READ SEASON]? this [PLOT]? this SEASON]? from this HOLD? RESPONSES [PLOT]? [PLOT]? ENUMERATOR: THIS IS ONLY ASKED FOR SPECIFIC CROPS. CODES FOR CODES FOR MONTH: UNIT: Pure Stand/ Sole JANUARY....1 GRAM.....11>>4 FEBRUARY...2 Less than KILOGRAM....2 MARCH....3 2 KG BAG....3 1/4....1 Strip APRIL....4 3 KG BAG....4 Intercrop..2 MAY.....5 3.7 KG BAG..5 1/4....2 JUNE.....6 5 KG BAG....6 Row Intercrop.. JULY.....7 1/2.....3 10 KG BAG...7 AUGUST....8 50 KG BAG...8 Relay SEPTEMBER..9 3/4....4 Intercrop..4 OCTOBER...10 (SPECIFY)...9 NOVEMBER..11 YES..1>>9 YES..1>>9 More than Mixed YES...1>>4 DECEMBER..12 NO...2 NO...2 LOCAL....1 3/4....5 Intercrop..5 NO...2 YES...1 >M0B 2 NO...2 QUANTITY YEAR UNIT MPROVED...2 MON. YEAR HHID CODE VARIETY CODE (4-DIG.) (4-DIG.)

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

PLOT ID	CODE	M08			M09	M10		M10_1	M11			M12		M13		
WITH PLOTS THAT ARE IN MODULE J	CROPS THAT K (question 21)	have harves this [PLOT] [REFERENG SEASON]?	CE DIMBA	rom	Was the area harvested less than the area planted?	Why was the a less than the a READ RESPON TO 2 REASONS	rea planted?	What was the main disease affecting the plants in the [PLOT]? ENUMERATOR: ONLY ASK		n this [PLOT] ENCE DIMB	during A D ZERO	What were to when the has started and	rvest	Who in the household the decision concerniruse of the output fro [PLOT]?	d makes on ig the is [CROP] m	
PRE-POPULATED W	PRE-POPULATED WITH ARE LISTED IN MODULE I	CODES FOR KILOGRAM. 50 KG BAG PAIL (SMA PAIL (LAR NO. 10 PL NO. 12 PL BUNCH PIECE OX-CART OTHER (SPECIFY) CODE FOR S: SHELLE NOT APPLI			YES1 NO2>>11	Drought EFFECTS OF: Fire Insects Animals Crop theft Diseases Lack of hire Other (Speci Irregular Ra	34567 d labor9 fy)10	THIS QUESTION IF DISEASE LISTED AS REASON IN M10.	KILOG 50 KG PAIL PAIL NO. 1 NO. 1 BUNCH PIECE BALE. OX-CA OTHER (SPEC CODE S: SH U: UN	FOR UNIT: RAM. BAG. (SMALL) (LARGE) 0 PLATE. 2 PLATE. RT. IFY) FOR S/U: ELLED. SHELLED. PPLICABLE.	.2 .4 .5 .6 .7 .8 .9 10 12	CODES FOR MONTH: JANUARY. FEBRUARY. MARCH. APRIL. MAY. JUNE. JULY. AUGUST. SEPTEMBER OCTOBER. NOVEMBER. DECEMBER.	1 2 3 4 5 6 7 8 9	LIST UP T HOUSEHC MEMBERS	DLD	
		QUANTITY	UNIT	S/U		1ST	2ND	DISEASE CODE	QUANTITY	UNIT	S/U	MONTH	MONTH	#1	#2	
																ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE M:
																ID
																ENUMERATOR: RECORD
																END TIME FOR MODULE M:
																HOURS MINUTES

AC MODILLE N. OFFICE DRY (DIREN) OF ACOL				
AG-MODULE N: SEEDS - DRY (DIMBA) SEASON ENUMERATOR: RECORD START DATE & TIME FOR MODULE N:				
NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.	DAY	MONTH	HOURS	MINUTE

N-0. ENUMERATOR: WHAT \			BA SEASON FOR THIS HOUS	SEHOLD <u>?2018.</u>	1 2019.	2												
THEN, GO THROUGH THE E	NTIRE MODULE (STA		WITH Q. 3) FOR EACH					IAL [SEED]	PURCHASES				-					
CROP CODE	AG-MODULE M, QUE 4. FOR EACH TYPE O SEED, COMPUTE TH	STION OF HE ANTED E IG THE	NO2 ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM OUSTION 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF SEED USED DURING THE [REFERENCE DIMBA SEASON].	DIMBA SEASON], did all of this	NO4 During the [REFERENCE DIMBA SEASON], did you purchase any [SEED] without coupons/ vouchers or purchase any [SEED] on credit?	CROSS- SECTIONAL HOUSEHOLD?	firms/institution	e [SEED] that ed without uchers or n credit during ENCE DIMBA FROM	How much of the [S purchased without c vouchers or purchas credit during the [REFERENCE DIMI SEASON]? RECORD TOTAL QU. REGARDLESS OF SC CODES FOR UNIT: GRAM	coupons / sed on BA ANTITY,	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]?	N09 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]? INCLUDE ALL		N11 How did you finance this [SEED] purchase? READ RESPONSES	How much did you pay up-front for this [SEED] purchase? INCLUBE CASH PAYMENTS AND ESTIMATED VALUE OF IN- KIND PAYMENTS. IF NOTHING, RECORD ZERO.	you repay? INCLUDE CASH	N14 What was the credit for the purchase? LIST UP TO 2 NETWORK RO	[SEED]
AG-MODULE M, COLUMNS FOR CROP NAME & CROP CODE. FILL THESE TWO COLUMNS WITH THE NAMES AND CODES OF ALL DIFFERENT TYPES OF SEEDS PLANTED BY THE HOUSEHOLD DURING THE IREFERENCE DIMBA	CODES FOR UNITS GRAM1 KILOGRAM2	UNIT	YES, THE FIGURES MATCHED	YES1>>37 NO2	YES1 NO2>>37	YES1 NO2>>15	NETWORK ROSTER	NETWORK ROSTER	2 KG BAG	UNIT	On Foot	TRIPS FROM AND BACK TO THE FARM.	MK	Paid in full, with own-savings1>>37 Received on credit2 Part own-savings, part on credit3	MK	MK	(THEN>:	>37) NETWORK ROSTER
[REFERENCE DIMBA SEASON] .	QUARTIT	ONI					ID CODE #1	ID CODE # 2	GOATTI		(Specify)5		WIK		mik.	mr.	ID CODE #1	ID CODE #
									-				_					

1ST SOURCE OF	COMMERCIAL [S	EED]								
N15	N16		N17	N18	N19	N20	N21	N22	N23	N24
WhoMhich firm/ institution was the FIRST SOURCE of the [SEED] that you purchased without coupons / souchers or purchased on credit form [FIRST SOURCE] during thout coupons / vouchers or purchased on credit form [FIRST SOURCE] during thout coupons / vouchers or purchased on credit form [FIRST SOURCE] during thout coupons / vouchers or purchased on credit form [FIRST SOURCE] during thout form [FIRST SOURCE] SOURCE SOURCE SOURCE SOURCE SOURCE SEASON? 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 or credit from [FIRST SOURCE] during the [REFERENCE DIMBA SEASON]? READ RESPONSES On Toot		What was the value of the [SEED] that you purchased without coupons / vouchers or purchased or credit from [FIRST SOURCE] during the [REFERENCE DIMBA SEASON]?	How did you finance, this (SEED) purchase from [FIRST SOURCE]? READ RESPONSES Paid in full, with with own-savings.1>>24 Received on credit.2 com-savings, part	How much did you pay up-front for this [SEED] purchase? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS. IF NOTHING, RECORD ZERO.	this [SE INCLUDE CASH PAYMENTS AND LIST FROM INCLUDE CASH PAYMENTS AND LIST FROM INCLUDE CONTROL INCLUDE CASH		Was there a SECOND SOURCE from whom you purchased any of the [SEED] without coupons / vouchers or on credit during the [REFERENCE DIMBA SEASON]?	
NETWORK ROSTER ID CODE	QUANTITY	UNIT	/ Minibus4 Other (Specify)5	MK	мк	on credit3	мк	мк	NETWORK ROSTER ID CODE	YES1 NO2>>37

	2ND SOURCE C		SEED								
	N25	N26		N27	N28	N29	N30	N31	N32	N33	N34
CROP CODE	Who/Which firm/	How much of the [S		What was the main	How much did you pay	What was the	How did you finance	How much	How much		Was there a
	institution was the	was purchased with	nout	mode of transportation	for transportation to	value of the	this [SEED] purchase	did you pay	did you	the source	THIRD
	SECOND	coupons / vouchers	s or	used to bring back the	acquire the [SEED] that	[SEED] that you	from [SECOND	up-front for	repay/will	of credit for	SOURCE fro
	SOURCE of the	purchased on cred	it from	[SEED] that you	you purchased without	purchased	SOURCE]?	this [SEED]	you repay?	this [SEED]	whom you
	[SEED] that you	SECOND SOURCE	E)	purchased without	coupons / vouchers or	without		purchase?	, , . ,	purchase?	purchased a
	purchased without	during the [REFER	ENCE	coupons / vouchers or	purchased on credit	coupons /	READ RESPONSES	ľ	INCLUDE	ľ	of the [SEED
	coupons /	DIMBA SEASON]?		purchased on credit	from [SECOND	vouchers or		INCLUDE	CASH	LIST FROM	without
	vouchers or			from ISECOND	SOURCE] during the	purchased on		CASH	PAYMENTS	NETWORK	coupons /
	purchased on			SOURCE] during the	SEASON]?	credit from		PAYMENTS	AND	ROSTER	vouchers or
	credit during the					SECOND		AND	ESTIMATED		credit during
	IREFERENCE	CODES FOR UNITS		SEASONI?		SOURCEI		ESTIMATED			the
	DIMBA GRAM1 SEASONI? KILOGRAM2			INCLUDE ALL TRIPS	during the		VALUE OF IN KIND	PAYMENTS.		IRFFERENC	
			READ RESPONSES	FROM AND BACK TO	REFERENCE		PAYMENTS.	PAYMENTS.		DIMBA	
		2 KG BAG			THE FARM.	DIMBA		PAYMENTS.	l	l	SEASONI?
	LIST FROM	3 KG BAG4				SEASONI?	Paid in full,	IF NOTHING,	ĺ	l	02,10014]:
	NETWORK	5 KG BAG				OLAGOINJ:	Paid in full, with	RECORD			
	ROSTER			On Foot1			own-savings1>>34	ZERO.			
			Bicycle Taxi2 Own Bicycle or			Received on	LLINO.				
			Oxcart3			credit2					
		(SPECIFY)	OTHER (SPECIFY)9 D:				Part				
							own-savings,	-			YES 1
	NETWORK ROSTER ID CODE	QUANTITY	UNIT	Other (Specify)5	мк	MK	on credit3	мк	MK	NETWORK ROSTER ID CODE	NO2>>37
					l						
			1	•	1		1	1	1	1	ı

3RD SOURCE O	F COMMERCIAL [SEED]	1. 1						LEFT-OVER [S				
of the [SEED] that you purchased	N36 How much of the [SEED] was purchased without coupons / vouchers or purchased on or from [THIRD SOURCE] during the [REFERENCE DIMBA SEASON]? CODES FOR UNIT: GRAM		[SEED] did in total for fr the [REFER	you receive ee during EENCE SSONJ? UNIT:12234 55678	N39 During the [REFEREN SEASON], did you reci [SEED] for LIST UP TO NETWORK	from whom eive the free? 2 FROM	N40 How much did you pay for transportation in total to acquire all of the [SEED] that you received for free during the [REFERENCE DIMBA SEASON]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	[SEED] that you used during the (REFERENCE DIMBA SEASON) left over from a previous season?	How much of the [SEED] that you used during the [REFERENCE DIMBA SEASON]		N43 Why did you choose to use this [SEED]? READ RESPONSES Improved variety is too expensive	ENUMERATOR: BEFORE MOVING TO THE NEXT MODULE, MAKE SURE THAIT THE NUMBER OF SEEDS RECORDED IN THIS MODULE IS EQUAL TO THE NUMBER OF UNIQUE CROP VARIETIES IDENTIFIED IN THE AG MODULE M.
NETWORK ROSTER ID CODE	QUANTITY U	YES1 NO2>>41	QUANTITY	UNIT	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	мк	YES1 NO2>>43	QUANTITY	UNIT	(THEN >> NEXT ROW)	_
												-

AG-MODULE (D: POST-HARV	EST - DR	RY (DIME	BA) SEA	SON												
NOTE: CONCERN	ING PANEL HOUSE	HOLDS, AI	LL QUEST	IONS ARE	ADMINIS	TERED IN V	ISIT 2. EN	UMERATO	R: RECORD STAR	T DATE &	TIME FOR	MODULE	<u>O</u> :	DAY	MON		HOURS MINUTES
O-0. ENUMERATO	R: WHAT WAS THE	REFERE	NCE DIMB	A SEASO	N FOR TH	IS HOUSEHO	DLD? 2	0181	20192					DAT	MON	ın	HOURS WINGTES
ENUMERATOR: R	EFER TO AG-MODU	JLE M. LIS	T THE NAI	MES AND	CODES O	F ALL DIFFE	RENT TY	PES OF CR	OPS HARVESTED	DURING 1	HE [REFE	RENCE D	IMBA SEA	SON].			
ONCE LISTING IS	COMPLETED, GO 1				LE FOR E	ACH ROW, (ONE ROW	AT A TIME									
	Inc. :	POST-H	ARVEST	LABOR													
CROP CODE	O01_1 ENUMERATOR: RECORD	O00 During th	e [REFE	RENCE D	IMBA SE	ASON], ple	ase list fo	r me the h	ousehold membe	rs that wo	rked on th	his [CROF	P] for post	-harvest ac	tivities.		
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	PRIMARY RESPONDENT ID	RECORD	ECORD THE ID CODES FROM THE HOUSEHOLD ROSTER.														
VITH V MO DE)		IF NO ON	NO ONE ENGAGED IN POST-HARVESTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 001. ow many weeks did each household member work?														
ED V ED IF		How mar															
ULAT LIST CROF		During th	iose week	s, approx	imately h	ow many da	ays did ea	ach house	hold member work	k per wee	k?						
POP ARE		During th	ose days	, approxir	nately hov	w many hou	ırs did ea	ch househ	old member work	per day?							
PRE		Which ac	ctivities we	ere they ir	volved in	? MARK 'X'	UNDER	EACH AC	TIVITY THEY WE	RE INVO	LVED IN						
									POST-H	ARVESTING	.						
		HH	WEEKS	DAYS /	HOURS /				PROCESSING	HH	WEEKS	DAYS /	HOURS /				PROCESSING
	HH ROSTER ID CODE	ROSTER ID CODE #1		WEEK	DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL	ROSTER ID CODE #2		WEEK	DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)
	1	TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":															
		KILOGRA	FOR UNIT	1 NO.	10 PLATE			10									
				2 NO. 4 BUNC				12 CIFY)13									
		PAIL (1	LARGE)					, ••••									
	PAIL (LARGE)5 PIECE9 CODE FOR S/U: S: SHELLED1 U: UNSHELLED2 NOT APPLICABLE3																

CROP CODE OO0 cont. During the [REFERENCE DIMBA SEASON], please list for me the household members that worked on this [CROP] for post-harvest activities. RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER. IF NO ONE ENGAGED IN POST-HARVESTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 001. 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? Which activities were they involved in? MARK 'X' UNDER EACH ACTIVITY THEY WERE INVOLVED IN															
PRE-PC THAT AF	HH WEEKS DAYS / HOURS / ROSTER NEEK DAYS / HOURS / SHELLING / THRESHING OF PROCESSING												PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)		
								210.,							210.1
								-							

CROP CODE	O01	O02			O03	O04	O05		O06		O07		O08
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	Did you <u>sell</u> any of the harvested [CROP]?	How much of [CROP] was § FOR ALL APPL MAKE SURE T WHETHER TH VALUE IS SHE UNSHELLED.	sold in to LICABLE (O ASK E REPOR	tal? CROPS,	value of all [CROP] sales?	ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD? YES1 NO2>>11	Who/What wer buyers/outlets i [CROP] sales? LIST UP TO 2 FI ROSTER	for your	Who in your ho kept/decided withese earnings LIST UP TO 2 F HOUSEHOLD R	what to do with s?			Approximately how many transactions took place while selling [CROP]?
		QUANTITY	UNIT	S/U	MK		NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE # 2	HH ROSTER ID CODE #1	HH ROSTER ID CODE # 2	MONTH YEAR		NUMBER OF
							15 0052 # 1	15 0052 # 2				(4-DIGIT)	TRANSACTIONS
	<u> </u>												

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	

ш	ARGEST	BLIVER/OI	ITI ET

CROP CODE	O09	O10	O11	O12			O13			O15	
_	What was the main	What was the total	Who/What	How much of	the		What was the total	Who in your household		When wa	s most of
ωz	mode of transportation	cost of transportation	was the	harvested [Cf	ROP] w	as	value of [CROP]	kept/decided w	hat to do with	the [CRO	P] sold to
0 =	associated with all	associated with all	[LARGEST	sold to [LARG	SEST		sales to [LARGEST	these earnings			GEST
유리	[CROP] sales?	[CROP] sales?	BUYER/	BUYER/ OUT	LET]?		BUYER/OUTLETI?			BUYER /	OUTLETI?
∓ Q <u> </u>	,		OUTLET] for		•		•	LIST UP TO 2 F	ST UP TO 2 FROM		
	READ RESPONSES	INLUDE ALL TRIPS	your [CROP]	FOR ALL APPL	ICABL	E	ESTIMATE THE	HOUSEHOLD R	OSTER		
6 6 8		FROM AND BACK TO	sales?	CROPS, MAKE		TO	VALUE OF IN-KIND				
		THE FARM.		ASK WHETHE			PAYMENTS				
ব ত ত			LIST FROM	REPORTED V						CODES I	FOR MONTH:
∄ ७		IF NOTHING,	NETWORK	SHELLED OR	UNSHE	LLED.				JANUAR'	
P. B.		RECORD ZERO.	ROSTER							FEBRUAR	
<u>a</u> ₹										MARCH.	
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	On Foot1 Bicycle Taxi2									APRIL	
<u> </u>	Own Bicycle or									JUNE	
	0xcart3									JULY	
	Truck / Bus	(mrrmars > 24)								AUGUST.	
	/ Minibus4	(THEN>>31)								SEPTEME	
	Buyer picked up the crop5									OCTOBER NOVEMBE	
	Other								1	DECEMBE	
	(Specify)6		NETWORK ROSTER	QUANTITY	UNIT	S/U		HH ROSTER	HH ROSTER		
		MK	ID CODE				MK	ID CODE #1	ID CODE # 2	MONTH	YEAR (4-DIGIT)
											(4-51611)
	ı						1	<u> </u>	l		

TO ACCOMPANY INFO	DRMATION 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	RGEST BU	JYER/	OUTL	.ET		
PRE-POPULATED WITH CROPS OF THAT ARE LISTED IN MODULE N OCROP CODE)		O17 What was the main mode of transportation associated with the [CROP] sales to [LARGEST BUYER/ OUTLET]? READ RESPONSES On Foot	associated with the [CROP] sales to [LARGEST BUYER/ OUTLET]?	O19 Was there another buyer/ outlet to whom you sold [CROP] during the REFERENCE DIMBA SEASON? YES1 NO2>>31	was the [SECOND LARGEST BUYER/OUT LET] for your	How much of the harvested [CROP] was sold to [SECOND LARGEST BUYER/ OUTLET]? FOR ALL APPLICABLE CROPS, MAKE SURE TO		What was the total value of [CROP] sales to [SECOND LARGEST BUYER/OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	O23 Who in your ho kept/decided w these earnings LIST UP TO 2 F HOUSEHOLD R	what to do with ?	
	NUMBER OF TRANSACTIONS	Other (Specify)6	MK		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":	
50 KG BAG2 PAIL (SMALL)4		BALE	
PAIL (LARGE)5 CODE FOR S/U: S: SHELLED1		NOT APPLICABLE3	

							ALTERNATIVE U	SES	
PRE-POPULATED WITH CROPS 60 THAT ARE LISTED IN MODULE N CROP CODE)	the [CRC the [SEC	T BUYER	Approximately how many transactions took place while selling [CROP] TO [SECOND LARGEST BUYER/OUTLET]?	What was the main mode of transportation associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]?	What was the total cost of transportation associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]?	buyer/outlet to whom you sold [CROP] during the [REFERENCE DIMBA SEASON]?	O31 How much of the harvested		
PRE-POPULA' THAT ARE LIS' (CRO	CODES I JANUARY FEBRUAR MARCH APRIL MAY JUNE JULY AUGUST SEPTEME OCTOBER NOVEMBE DECEMBE	RY2 3 4 5 6 7 8 BBER9 R10		On Foot1 Bicycle Taxi2 Own Bicycle or Oxcart3 Truck / Bus / Minibus4 Buyer picked up the crop5 Other (Specify)6	INLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.		IF NOTHING, RECOR "QUANTITY" AND CO 32. FOR ALL APPLIC. MAKE SURE TO ASK THE REPORTED VAL SHELLED OR UNSHE	NTINUE ABLE CF WHETH .UE IS	TO ROPS,
	MONTH	YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS		мк		40/	0	0,0

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	

CROP CODE	O32			O33			O34			O35			O36				O37	
	How much of the		How much of the harvested		How much of the harvested [CROP]		How much of the		How much of the the harvested [CROP]			What was the reason						
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	harvested [CROP] during				during the [REFERENCE DIMBA		harvested [CROP] during		uring	during the [R	EFERE	ENCE [DIMBA	for loss?				
\ \times \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	the [REFERENCE DIMBA					SEASON] was used as input for		the [REFERENCE DIMBA			SEASON] wa							
2 2		EASON] was given out				household sold, if any, for cash/ in-kind		SEASON] was saved for seed?		rodents, theft, etc. in the post-harvest			READ RESPONSES. LIST UP TO 2.					
₽ĕΩ	as reimbursements for		for							period?								
≥ ≥ <u>Q</u>	inputs borrowed or acquired on credit? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 33.			EXCLUDE THE QUANTITY OF		goods/ services?		IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 36.		INCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE.								
<u> </u>						EXCLUDE CROP USED AS INPUT FOR OWN-PRODUCED BY-PRODUCTS CONSUMED AT HOME.												
P STE				DUE TO PEST DAMAGE.														
크림 뜻									FOR ALL APP			FILL IN OPTION 2/PERCENTAGE ONLY IF						
5 등									CROPS, MAKE SURE TO		THE FARMER CANNOT PROVIDE AN							
A P	FOR ALL APPLICABLE CROPS, MAKE SURE TO			*			IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 35. FOR			ASK WHETHER THE			APPROXIMATE QUANTITY FOR OPTION 1. IF					
A Ä										REPORTED VALUE IS		NOTHING WAS LOST, RECORD ZERO FOR						
革革	ASK WHETHE	R THE					ALL APPLICABLE CROPS, MAKE SURE			SHELLED OR UNSHELLED.			"QUANTITY" AND >> 38.			Rotting	1	
	REPORTED VALUE IS SHELLED OR UNSHELLED.						TO ASK WHETHER THE REPORTED								Insects			
					THE REPORTED VALUE IS SHELLED OR UNSHELLED.			VALUE IS SHELLED OR UNSHELLED.							Rodents/Pests3 Flood4			
			SHELLED OR UNSHELLED.									Theft						
										OPTION 1 OPTION 2		Other (Specify).6						
	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	PERCENTAGE		
	20/11/11	0	0,0	20/11/11	0	0,0	20/11111	0	0,0	20/	0	0,0	20/		0,0		1ST	2ND
	1	1	1											<u> </u>				
																		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: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

	STORAGE									
CROP CODE	O38	O39	O40			O41		O42		
ROPS ULE N	of the harvested [CROP] <u>in</u>	What is your <u>main</u> <u>method</u> of storage for this crop?	harvested [oduring the	CROP		What did you protect the second [CROP]?		In general, whe [CROP], what is main purpose for	usually the	
D WITH C D IN MOD CODE)	storage now?	READ RESPONSES Unprotected pile1	[REFERENCE DIMBA SEASON] is being stored by your household? FOR ALL APPLICABLE			READ RESPO UP TO 2.	ONSES. LIST	READ RESPONS 2.	SES. LIST UP TO	
PRE-POPULATED WITH CROP THAT ARE LISTED IN MODULE (CROP CODE)	YES1 NO2>>42	Heaped in house2 Bags in house3 Chitandala in house 4 Chitandala outside5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic silo8	SEASON] is being stored by your household? FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR			Spraying Smoking Hired Guar Magic (Kut Did Nothin Other (Spe	2 d3 sirika).4 g5	Food for household1 To sell at a higher price		
		Other (Specify)9	QUANTITY UNIT S/U		1ST	2ND	1ST	2ND		
	I		QUANTITY UNIT S/U		1 I					

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

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE 0-2: ENUMERATOR:
RECORD
END TIME
FOR MODULE 0-2:

HOURS MINUTES

TOT	0_2_00	11. DID YOU OR ANYONE IN YOUR H	OUSEHOLD CULTIVATE/PRODUCE	ANY TREE/PERMAN	NENT CROPS IN THE LAST 12 MG	ONTHS?	YES1 NO2 >> MODULE	R						
A ABSERT MUNICIPAL A ABSERT MUNICIPAL PROCESS OF LAND AND SHOULD NOT BE SETURE OF A MATCHES FOR PART MUNICIPAL OF CORPS & CHONNIN MORE A LAWFOLK CAPE OF VANAGE OF MARKEDISH TO STITUL. A ABSERT MUNICIPAL PROCESS OF LAND ON WHICH A MANUEL CRIP OF A MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CAPE OF MARKEDISH TO STITUL. A ABSERT MUNICIPAL PROCESS OF LAND ON WHICH A MANUEL CRIP OF A MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CAPE OF MARKEDISH TO STITUL. A ABSERT MUNICIPAL PROCESS OF LAND ON WHICH A MANUEL CRIP OF A MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKEDISH TO STITUL. A ABSERT MUNICIPAL PROCESS OF LAND ON WHICH A MANUEL CRIP OF A MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CORPS & CHONNIN MORE AND A LAWFOLK CRIP OF MARKED FOR CO	ENUME	RATOR: RECORD START DATE &	DAY MONTH HOURS	MINUTES										
A PLOT SO DEFINED AS A CONTINUOUS AND SHOULD BOT BERT HE APATH OF MORE THAN SHOW HOW AND SHOULD BOT BERT HE APATH OF MORE THAN SHOW HOW AND SHOULD BOT BERT HE APATH OF MORE THAN SHOW HOW AND														
Please list all PLOTS on all GARDENS (MINDA) you or anyone in your household owned of cultivated during the last 12 months. PLOT PLOT NAME					· ·			·		RE PLOTS.				
0.2.02 0.2.02 0.2.03 0.2.03 0.2.04 0		A <u>PLOT</u> MUST BE <u>CONTINUOUS</u> A	ND SHOULD <u>NOT BE SPLIT BY A PA</u>	ATH OF MORE THAN	NONE METRE IN WIDTH. PLOT B	OUNDARIE	S ARE DEFINED ACCORDI	NG TO THE CROPS GROWN	AND THE OF	PERATOR.				
NOT NAME		-				during <u>t</u>	ne last 12 months.							
THE FLOT IS A PART OF THE PROFIT OF THE PR				RECORD THE		T]?		ENUMERATOR: RECORD		<u>INATES</u> FOR THE CORNER OF THE PL	OT AT WHICH	ENUMERATOR:	ENUMERA-	ENUMERATOR:
APER ATT HOLE AT LEAST TWICE TO COET A CONSISTENT VALUE. WITH CARGE MODULE F. 19 APER ANTHON OF AT LEAST TWICE TO COET A CONSISTENT VALUE. ROUGEST FOR MARKE MODULE F. 19 APER ANTHON OF AT LEAST TWICE TO COET A CONSISTENT VALUE. ROUGEST FOR MARKE MODULE F. 19 APER ANTHON OF AT LEAST TWICE TO COET A CONSISTENT VALUE. ROUGEST FOR MARKE MODULE F. 19 APER ANTHON OF AT LEAST TWICE TO COET A CONSISTENT VALUE. APER ANTHON OF MARKEN APER ANTHON OF MA	ID			THE PLOT IS A PART OF.	MEASURE THE AREA WITH TH	E GPS BEF	ORE CONTINUING WITH			OORDINATES, PLEASE SPECIFY REAS	ON.	NUMBER OF SATELLITES GPS TRACKED	RECORD GPS	WEATHER CONDITIONS AT T
LISTED N NOUSEHOLD NOUSE				WITH GARDENS	AREA WITH GPS AT LEAST TW	ICE TO GE	T A CONSISTENT VALUE.	CODES FOR REA	SON:			PLOT		CONDITION:
NOBSERCE SETTINGS STATE				LISTED IN HOUSEHOLD	ACRE			LONG DISTANCE	WITHIN TH	IS DISTRICT1		00011211111120		Mostly Clear /
Cloudiness					SQUARE MET YARDS	ERS3								Partly Sunny Mostly Cloudy
TOT						CIFY)5	b.							Cloudiness Completely
T01 .						UNIT					REASON			Cloudy Rainy
T02 T03 T04 T05 T06 T07								0		0	<u> </u>			
T02	T01													
T03	T02													
T04 T05 T06 T07	T03							0		o				
T05 T06 T07								0		o				
T06	T04							0		o <u> </u>				
T07	T05													
T07	T06													
	T07							0		0				
	T08							0		o				

AG-MODULE O 2: PLOT ROSTER - TREE/PERMANENT CROPS
NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

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

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

	PLOT ID	TREE /	TREE /	P0A	P01	P02		P03	P04	P05
ENUMERATOR: FIRST DETERMINE ALL PLOTS CULTIVATED WITH TREE / PERMANENT CROPS BY THE HOUSEHOLD DURING THE LAST 12 MONTHS. IF THE PLOTS LISTED IN THIS MODULE ARE	PRE-POPULATED WITH PLOTS THAT OF ARE LISTED IN MODULE 02-PLOT DROSTER	TREE / PERMANENT CROP NAME	TREE / PERMANENT CROP CODE	What is the primary variety of [CROP]		What is the <u>area</u> of the plantation?			In what year were most of these plants/ trees planted?	P05 How many plants/ trees were planted during the last 12 months?
AMONG THOSE LISTED IN THE PREVIOUS MODULES, PLOT IDS SHOULD FLOW FROM PREVIOUS MODULES, AND SHOULD NOT CHANGE.	PRE-POPU ARE LIS					CODES FOR UNIT:		IF THE FARMER IS UNABLE TO QUANTIFY, RECORD 999.		
IF THE HOUSEHOLD REPORTS TO HAVE CULTIVATED PLOTS THAT ARE DIFFERENT					PLANTATION.1 SCATTERED2>>3	ACRE			YEAR	
FROM THOSE LISTED IN THE PREVIOUS				VARIETY CODE		AREA	UNIT	NUMBER	(4-DIGIT)	NUMBER
MODULES, ASSIGN NEW IDs TO THE										
PLOTS IDENTIFIED IN							_			
THIS MODULE, STARTING WITH T1, T2,										
AND SO ON.										
FOR EACH PLOT, LIST ALL TREE /										
PERMANENT CROPS										
HARVESTED BY THE HOUSEHOLD DURING										
THE LAST 12 MONTHS, 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 P: TREE / PERMANENT CROP PRODUCTION - LAST 12 MONTHS (CONTINUED)

PLOT ID	TREE /	TREE /	P06				P07	P08		P08_1	P09	
⊢	PERMANENT	PERMANENT	What was the la	ast comple	ted product	ion_	Were	Why were there	losses before	What was the	How much [TREE /	
A F	CROP NAME	CROP CODE	period for the [T	REE / PE	RMANENT	CROP?	there any	the harvest?		main disease	PERMANENT CROP]	did you
S T							losses of			affecting the	harvest during the last	12
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE 02-PLOT ROSTER			IF THERE IS NO				[TREE /	READ RESPONS	SES. LIST UP TO		months?	
<u> </u>			PERIOD, USE TH	HE LAST 12	MONTHS.		PERMAN	2.		[PLOT]?	IF NOTHING, RECORD	
표절~							ENT				"QUANTITY" AND >> NE	XT ROW.
N D E							CROP]			ENUMERATOR:		
				DES FOR			before			ONLY ASK		
TA I				NUARY	.1		harvest?	Dunnah		THIS QUESTION IF	CODES FOR UNI	T:
JU.			FE	BRUARY	.2			Drought EFFECTS OF:		DISEASE	KILOGRAM	1
ᅙᇌ				RCH				Rains		LISTED AS	50 KG BAG 90 KG BAG	
꿉끮				RIL				Fire		REASON IN	PAIL (SMALL).	
A A				NE				Insects		P08.	PAIL (LARGE).	5
				ILY				Crop theft	6		NO. 10 PLATE.	
				GUST				Diseases			NO. 12 PLATE. BUNCH	
				TOBER				Community pr Lack of hire			PIECE	9
				VEMBER				Other (Speci			BALE	
			DE	CEMBER	12		YES1				BASKET (DENGU OX-CART	
					1		NO2>>				011 0111111111	
			BEGIN	YEAR	EN	D YEAR	9		1		QUANTITY	UNIT
			MONTH	(4-DIGIT)	MONTH	(4-DIGIT)		1ST	2ND	DISEASE CODE	20/111111	0

NOTE	CONCERNING PANEL HOUSEHOLDS.	ALL OLIFOTIONS ARE ARMINISTED	ENUMERATOR:	RECORD START DATE 8	TIME FOR MODULE Q:
NOIE	CONCERNING PANEL HOUSEHOLDS.	ALL QUESTIONS ARE ADMINISTER	LITOINE INTO IN.	THE COME OF THE C	THE POR MODULE Q.

DAY	MONTH	HOURS	MINUTES

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.

	Q00															
TREE/ PERMANENT																
CROP CODE	For [TRE	E/ PERM	ANENT (CROP], pl	ease list for	me the h	ousehold	members that wo	rked on th	nis [CROF	P] for post	-harvest a	activities.			
ROP8	RECORD	THE ID CO	DDES FRO	OM THE HO	DUSEHOLD I	ROSTER.										
WITH C N MODU					STING, RECO		O IN ALL C	OLUMNS DESIGNA	TED FOR	"WEEKS"	AND CON	TINUE TO	Q01.			
TED	During th	iose week	s, approx	kimately h	ow many da	ays did ea	ch house	hold member worl	per weel	k?						
PULA E LIS	During th	ose days	, approxin	mately how	w many hou	rs did ead	ch househ	old member work	per day?							
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)	Which a	ctivities we	ere they in	nvolved in	? MARK 'X'	'UNDER	EACH AC	CTIVITY THEY W	ERE INVO	OLVED IN						
		WEEKO.	DANG /	HOURO /	1		1	PROCESSING	ARVESTING		DAN(0./	LIQUIDO /	1		1	PROCESSING
	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHIN G/PEELING	DRYING	CLEANIN G	(MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)

	O00 conf	t.														
TREE/ PERMANENT CROP CODE																
s 20	For [TRE	E/ PERM	IANENT (CROP], pl	ease list for	me the h	ousehold	members that worke	ed on this	[CROP] f	or post-ha	arvest acti	vities.			
ROP	RECORD	THE ID CO	DDES FRO	M THE HO	DUSEHOLD F	ROSTER.										
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)					STING, RECO) IN ALL C	OLUMNS DESIGNATE	D FOR "W	EEKS" AN	O CONTIN	UE TO Q0	1.			
ATED TED OP C	During th	nose week	s, approx	imately h	ow many da	ys did ea	ch housel	hold member work p	er week?							
PULA ELIST	During th	nose days	, approxin	nately how	w many hou	rs did ead	h househ	old member work pe	er day?							
-PO	Which ac	ctivities w	ere they ir	nvolved in	? MARK 'X'	UNDER	EACH AC	CTIVITY THEY WER	E INVOL	VED IN						
PRE																
	HH ROSTER ID CODE #3	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)	HH ROSTER ID CODE #4	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)

	Q01	Q02	Q03	Q04	Q05	•	Q06		Q07		Q08
TREE/ PERMANENT CROP CODE											
WITH CROPS N MODULE 02 DE)	Did you sell any of the harvested [TREE/ PERMANENT CROP] during the last 12 months?		What was the total value of [TREE/PERMANENT CROP] sales during the last 12 months? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD?	buyers/outlets PERMANENT	for your [TREE/	these earnings	what to do with s?	[TREE/ PERMAN CROP] s the last 1 CODES F JANUARY FEBRUAR MARCH MAY JUNE JULY AUGUST. SSPTEMM OCTOBER NOVEMBE	Old during 2 months? FOR MONTH: 71 RY2 3 5 6 7 8 BER9 R10 BR11	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	MK	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	
TREE/ PERMANENT			~								
CROP CODE											
J. S. GODE	What was the main	What was the total	Who/What	How much of	tho		What was the total	Who in your ho	nucobold	M/hon wo	s most of the
S 2											
9 0	mode of transportation	cost of transportation		harvested [TF		D1	value of [TREE/	kept/decided v			
N 1	associated with all		[LARGEST	PERMANEN			PERMANENT	these earnings	7	CROP] so	
5 9	[TREE/PERMANENT	[TREE/	BUYER/	was sold to [L			CROP] sales to				T BUYER
ĖŞ́€	CROP] sales during the	PERMANENT	OUTLET] for	BUYER/ OUT	LETJ?		[LARGEST BUYER/	LIST UP TO 2 F	ROM		during the
≥ 2 2	last 12 months?	CROP] sales during				_	OUTLET]?	HOUSEHOLD R	OSTER	last 12 m	onths?
Ω		the last 12 months?	PERMANENT	FOR ALL APPL							
月日	READ RESPONSES		CROP] sales	CROPS, MAKE ASK WHETHE		10	ESTIMATE THE				
7. S. S. S.		INLUDE ALL TRIPS	during the last	REPORTED V		3	VALUE OF IN-KIND				OR MONTH:
7 7 0		FROM AND BACK TO	12 months?	SHELLED OR			PAYMENTS			JANUARY FEBRUARY	
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)		THE FARM.		OFFICEED ON ONOTICEED.					MARCH		
<u> </u>	On Foot1	IE NOTUINO	LIST FROM						APRIL		
κ ₹	Bicycle Taxi2	IF NOTHING, RECORD ZERO.	NETWORK						MAY		
- F	Own Bicycle or	RECORD ZERO.	ROSTER							JUNE	
	Oxcart3 Truck / Bus									JULY	
	/ Minibus4									SEPTEMBI	
	Buyer picked up									OCTOBER	
	the crop5	(THEN >> 31)								NOVEMBER	
	Other		NETWORK	QUANTITY	UNIT	S/U	İ			DECEMBE	R12
	(Specify)6		ROSTER	42				HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2		YEAR
		MK	ID CODE				MK	15 0052 # 1	15 GGBL # 2	MONTH	(4-DIGIT)
	1		- I	ı		1	1	1		1	
				Ì							

					SECOND LARGE	ST BUYER	/OUT	LET			
TREE/ PERMANENT CROP CODE	Q16 Approximately	Q17 What was the main	Q18 What was the total	Q19 Was there	Q20 Who/What was the	Q21 How much o	of the		Q22 What was the total	Q23 Who in your ho	ousehold
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)	how many transactions took	mode of transportation associated with the [TREE/ PERMANENT CROP] sales to	cost of transportation associated with the [TREE/ PERMANENT CROP] sales to [LARGEST BUYER/	outlet to whom	[SECOND LARGEST BUYER/OUTLET] for your [TREE/ PERMANENT CROP] sales? LIST FROM NETWORK ROSTER	harvested [T PERMANEN was <u>sold</u> to LARGEST E OUTLET]? FOR ALL API CROPS, MAK ASK WHETH REPORTED V SHELLED OF UNSHELLED	NT CRO [SECC BUYER PLICAB (E SUR ER THE VALUE (OP] ND LE E TO	value of [TREE/ PERMANENT CROP] sales to [SECOND LARGEST BUYER/ OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	kept/decided w these earnings LIST UP TO 2 FI HOUSEHOLD R	what to do with ??
	NUMBER OF TRANSACTIONS	(Specify)6	MK		NETWORK ROSTER ID CODE	R QUANTITY UNIT S/U		S/U	MK	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2

							ALTERNATIVE U	JSES	
TREE/ PERMANENT CROP CODE	Q24		Q25	Q26	Q27	Q28	Q31		
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)	the [TREI PERMAN CROP] <u>sc</u> [SECONI BUYER /6	DENT bid to the D LARGEST OUTLET]? OR MONTH:1 Y2345678 EER910		What was the main mode of transportation associated with the [TREE/ PERMANENT CROP] sales to [SECOND LARGEST BUYER/OUTLET]? READ RESPONSES On Foot	cost of transportation associated with the [TREE/ PERMANENT	buyer/outlet to whom	How much of the ha [TREE/ PERMANE] during the last 12 m given out as gifts or reimbursements for EXCLUDE REIMBUR: FOR INPUTS BORRO ACQUIRED ON CREI IF NOTHING, RECOR "QUANTITY" AND CO 32.	NT CRC nonths w land, la SEMENT DWED / DIT.	DP] /as <u>lbour</u> ? 'S
	DECEMBE	YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS	Other Specify)6	мк	YES1 NO2	QUANTITY	UNIT	S/U
		(#-DIGIT)	TRANSACTIONS						

	Q32 Q33					004			005			lone		
TREE/ PERMANENT CROP CODE	Q32			IQ33		Q34			Q35				Q36	
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)	How much of harvested [TF PERMANEN! PERMANEN! during the las was given ou reimburseme borrowed or a credit? IF NOTHING, F ZERO FOR "Q AND CONTINU	REE/ IT CRO at 12 mo at as acquire RECORI	onths inputs d on D	How much of the harves [TREE / PERMANENT CROP] during the last 1 months was used as ing [TREE/ PERMANENT Oby-products that your household sold, if any, is market? EXCLUDE CROP USED A INPUT FOR OWN-PRODUBY-PRODUCTS CONSUM HOME. IF NOTHING, RECORD ZE FOR "QUANTITY" AND	harvested [TREE/ PERMANENT CROP] during the last 12 months] was saved for seed? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 35. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE			How much of PERMANEN' months was ! theft, etc. in theft, etc. in theft. IN OPTIO FARMER CAN APPROXIMATI' NOTHING WAS "QUANTITY" A FOR ALL APPL TO ASK WHET IS SHELLED C	CRO ost to r	READ RESPONSES LIST UP TO 2. HE Rotting				
			CONTINUE TO 34.					OPTION 1 OPTION 2					5	
	QUANTITY	UNIT	S/U	QUANTITY	UNIT	QUANTITY	UNIT	S/U	QUANTITY	ON 1 UNIT	S/U	OPTION 2 PERCENTAGE		2,
	QUANTITI	ONIT	3/0	QUANTIT	ONIT	QUANTITY	ONIT	3/0	QUANTITI	ONIT	3/0		1ST	2ND

	STORAGE										
TREE/ PERMANENT CROP CODE	Q37	Q38	Q39			Q40		Q41			
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE O2 (CROP CODE)	Do you have any of the harvested [TREE/ PERMANENT CROP] in storage now?	What is your main method of storage for this crop? READ RESPONSES Unprotected pile1 Heaped in house2	How much harvested [PERMANE] during the [REFEREN SEASON] is stored by yo household?	TREE/ NT CR CE s being our	OP]	What did yo protect the s [TREE/ PER CROP]? READ RESPO UP TO 2.	stored RMANENT	In general, when you store [TREE/ PERMANENT CROF what is usually the main purpose for storing it? READ RESPONSES. LIST UP T 2. Food for household1			
PRE-POPUL/ THAT ARE LIS (CR	YES1 NO2>>41	Bags in house3 Chitandala in house4 Chitandala outside5 Traditional Nkhokwe6 Improved Nkhokwe7 Metallic Silo8 Other	QUANTITY	S) S: H. M. D.			13 sirika).4 g5 cify)6	Food for household1 To sell at a higher price			
		(Specify)9				1ST	2ND	1ST	2ND		

AG-MODULE R: LIVESTOCK

YES...1

NO....2 >> MODULE T

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?

ENUMERATOR: RECORD START DATE & TIME FOR MODULE R:

DAY	MONTH	HOURS	MINUTES

			R01	R01_1.		R02	R02_1	R02_2	R03	R03_2	R04	R05	
LIVESTOCK	LIVESTOCK NAME	ENUMER- ATOR: RECORD PRIMARY RESPON- DENT ID	During the last 12 months, have you or any member of your household <u>raised or owned</u> any [LIVESTOCK]? RECORD AN ANSWER FOR EACH TYPE OF LIVESTOCK BEFORE GOING THROUGH THE ENTIRE MODULE FOR EACH APPLICABLE ROW, ONE ROW AT A TIME.	What are the househof for owning/keeping [LI Sale of adult an. Sale of young an Sale of livestood for the fam. Cope with unexpect when the same expenditures Cope with season expenditures Draught power Manure Transport Wealth status Savings Wage Reproduction Other/specify	VESTOCK)? imals	How many [LIVESTOCK] are owned by your household now (present at your farm or away)? IF NONE, RECORD ZERO AND >> 7.		What is the main breed of the local [LIVESTOCK] owned by your household? REFER TO LIVESTOCK CODES.	[LIVESTOCK]	What is the main breed of the improved/ exotic [LIVESTOCK] owned by your household? REFER TO LIVESTOCK CODES.	to <u>sell</u> one of the [LIVESTOCK]	Who in your owns [LIVES LIST UP TO 2 HOUSEHOLD	TOCK]?
		HHID CODE	YES1 NO2 >> NEXT ROW	MAIN PURPOSE	SECOND PURPOSE	NUMBER	NUMBER	LIVESTOCK BREED	NUMBER	LIVESTOCK BREED	MK	ID CODE #1	ID CODE # 2
301	CALF												
302	STEER/HEIFER												
303	COW												
304	BULL												
3304	OX												
3305	DONKEY/MULE/HORSE						>	> <	><	$>\!\!<$			
	GOAT												
308	SHEEP												
	PIG												
3310	CHICKEN-LAYER/ CHICKEN-BROILER						> <	$\supset <$	$\supset \subset$	$\supset <$			
311	LOCAL-HEN						$>\!\!<$	$\supset <$	$\supset <$	$>\!\!<$			
313	LOCAL-COCK						$>\!\!<$	$>\!\!<$	$\supset <$	$>\!\!<$			
3314	TURKEY/GUINEA FOWL						> <	> <	$\supset \subset$	> <			
315	DUCK						$>\!\!<$	$>\!\!<$	> <	$>\!\!<$			
	DOVE/PIGEON						$>\!\!<$	><	$>\!\!<$	><			
318	OTHER (SPECIFY)						$>\!\!<$	ightharpoons	ightharpoons	igwdots			

AG-MODULE R: LIVESTOCK (CONTINUED)

		R06		R07	R08	R09_1	R10	R11	R12		R14
LIVESTOCK CODE	LIVESTOCK NAME	responsible for feeding/taking care of [LIVESTOCK]? LIST UP TO 2 FROM HOUSEHOLD ROSTER		How many [LIVESTOCK] did your household own exactly 12 months ago?	During the last 12 months, how many [LIVESTOCK] were <u>born</u> ? IF NONE, RECORD ZERO.	receive as gifts or payment for services rendered?	12 months, how many [LIVESTOCK] did your	What was the total <u>value</u> of [LIVESTOCK] <u>purchases</u> during the last 12 months? ESTIMATE THE VALUE OF IN-KIND PAYMENTS.	From whom household p [LIVESTOCK during the la: months? LIST UP TO 2 NETWORK RO	During the last 12 months, how many [LIVESTOCK] did your household give away as gifts or payment for services received? IF NONE, RECORD ZERO.	
		HH ROSTER	HH ROSTER	1					NETWORK ROSTER	NETWORK 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				$\gg \leq$						
304	BULL				\sim						
3304	ох				\sim						
3305	DONKEY/MULE/HORSE										
307	GOAT										
308	SHEEP										
	PIG CHICKEN-LAYER/										
3310	CHICKEN-BROILER	+									
311	LOCAL-HEN										
313	LOCAL-COCK										
	TURKEY/GUINEA FOWL										
315	DUCK										
319 318	DOVE/PIGEON OTHER (SPECIFY)										

AG-MODULE R: LIVESTOCK (CONTINUED)

		R15	R16	R17	R18		R19	R20	R21		R21_1	R21_2		R22
LIVESTOCK CODE	LIVESTOCK NAME	During the last 12 months, how many [LIVESTOCK] got lost or stolen? IF NONE, RECORD ZERO.	last 12 months, how	[LIVESTOCK] sales during the last 12 months? ESTIMATE THE VALUE OF IN- KIND	To whom did household so [LIVESTOCK the last 12 m LIST UP TO 2 NETWORK RO	ell most of () sold during onths? FROM	During the last 12 months, how many [LIVESTOCK] did your household slaughter for sales or consumption? IF NONE, RECORD ZERO.	12 months, did any [LIVESTOCK] suffer from any disease or injury?	what was the disease/injur [LIVESTOCK from? How n	e main y y () suffered nany () were <u>lost</u> to injury? HE DISEASE HE END OF	Was the animal treated?	animal?		How many of your [LIVESTOCK] are currently vaccinated? IF NONE, RECORD ZERO AND >> 25.
		NUMBER	NUMBER	MK	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	NUMBER	YES1 NO2>> 22	RECORD THE LIVESTOCK L SEPARATELY DISEASE/INJI DISEASE CODE	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	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	R23 Who provid vaccination [LIVESTOC LIST UP TO NETWORK F	services for K]? 2 FROM	R23_1 What was the name of the vaccine? REFER TO THE VACCINE CODES.	R24 Against which main disease did your household vaccinate [LIVESTOCK]? REFER TO THE DISEASE CODES BELOW.	R29 Dui 12 how you hou spe on for live owi hou IF N REG ZEF
		NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	VACCINE CODE	DISEASE CODE	
301	CALF					
302	STEER/HEIFER					
303	cow					<u>COL</u> Afr
304	BULL					Ama Bru
3304	ох					Man New
3305	DONKEY/MULE/HORSE					Sma Oth
307	GOAT					Oth
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)					

in IV	INIT	HIT	mIT.	I MIK
MK	MK	MK	MK	MK
	ZERO.	THE COIND ZENO.	THEOGRAP ZERO.	ZERO.
ZERO.	NONE, RECORD	RECORD ZERO.	RECORD ZERO.	IF NONE, RECORD
RECORD	ANIMAL FEED. IF	IF NONE.	IF NONE.	FARM STRUCTURES.
household? IF NONE.	EXCLUDE OWN- CROPS USED AS	owned by your	owned by your household?	EXCLUDE ALL LIVESTOCK-RELATED
owned by your		livestock	types of livestock	household?
livestock	by your	all types of	insemination, for all	owned by your
	livestock owned	vaccinations for		types of livestock
	for all types of	and_	dipping, deworming	any other input for all
spend in total		on medicine	services, including	feeding utensils or
household	spend in total	spend in total	other veterinary	housing equipment,
your	household	your household	spend in total on	spend in total on
how much did	much did your	how much did	did your household	did your household
12 months,	12 months, how	12 months,	months, how much	months, how much
During the last	During the last	During the last	During the last 12	During the last 12
R25	R26	R27	R28	R29

 ODES FOR 21 & 24 :

 frican Swine Fever
 .1

 maplasmosis
 .2

 rucelosis
 .7
 ENUMERATOR: RECORD END TIME FOR MODULE R:

HOURS MINUTES

AG-MODULE S: LIVESTOCK PRODUCTS

ENUMERATOR: RECORD START DATE & TIME FOR MODULE S:

DAY	MONTH	•	HOURS	MINUTES

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

		S01	S02			S04	S05		S06	S07	
	PRODUCT	Did your household	During the last	During these m		· , · · <u>- · ·</u> · · , ·	How much o		What was the	Who in your ho	ousehold
CODE	NAME	produce any	12 months, for	what was the a			[PRODUCT]			kept/decided v	
		[PRODUCT] during	how many	quantity of			produced did			the earnings fr	om
		the last 12 months?	months did your	[PRODUCT] pr			in the last 12	? months?	[PRODUCT] in	[PRODUCT]?	
		RECORD AN ANSWER FOR EACH	household produce any [PRODUCT]?	per month?		months?			the last 12 months?	LIST UP TO 2 F HOUSEHOLD F	
		TYPE OF LIVESTOCK PRODUCT BEFORE GOING THROUGH THE ENTIRE MODULE FOR EACH	į Kobosij.						ESTIMATE THE VALUE OF IN- KIND PAYMENTS.		
		APPLICABLE ROW, ONE ROW AT A TIME.		CODES FOR UNLITRE KILOGRAM PIECE	1		CODES FOR LITRE KILOGRAM PIECE	1			
				BUCKET WHEELBARROW			BUCKET WHEELBARRO				
				OX CART			OX CART				
		YES1		OTHER	_	YES1	OTHER	-			
		NO2 >>		(SPECIFY)	/	NO2>>9	(SPECIFY).	/		HH ROSTER	HH ROSTER
		NEXT ROW	NUMBER OF MONTHS	QUANTITY / MONTH	UNIT		QUANTITY	UNIT	MK	ID CODE # 1	ID CODE # 2
			1								
401	COW MILK										
402	CHICKEN EGGS										
403	GUINEA FOWL EGGS										
404	MEAT										
406	SKINS AND HIDES										
400	OKINO AIND FIDEO										
	MANURE										
408	OTHER (SPECIFY)										

AG-MODULE S: LIVESTOCK PRODUCTS (CONTINUED)

		S08	S09		S10		S11		S11_1		S12	S13	
PRODUCT	PRODUCT		How much of t		How much of the [PRODUCT]	How much of the [P	RODUCT	How much of the [P	RODUCT]	Did you incur any	What was the total	
CODE	NAME		PRODUCT] pr		produced did you				produced went bad/		expenses, such as	value of these	
			did your house		last 12 months as		the last 12 months a		had to be thrown aw	ay?	labor costs,	additional	
		that you	consume in the	e last 12	reimbursements for		reimbursements for				additional inputs,	expenses?	
		sold?	months?		or any other service	e received?	borrowed or acquire	ed on	IF NOTHING, RECOR		transport, etc. in the		
							credit?		CONTINUE TO 12.	D	production of		
			IF NOTHING, RI ZERO FOR "QU		EXCLUDE REIMBU FOR INPUTS BORF		IF NOTHING, RECOR	D 7EDO	CONTINUE TO 12.		[PRODUCT] in the		
			AND CONTINUE		ACQUIRED ON CR		FOR "QUANTITY" AN				last 12 months?		
			AND CONTINUE	_ 10 10.			CONTINUE TO 11_1.						
					"QUANTITY" AND C	ONTINUE TO	_						
					11.								
							GODEG EOD 1917	_	GODDG TOD 19171				
			LITRE		CODES FOR	UNIT:	CODES FOR UNI		CODES FOR UNIT				
			KILOGRAM	2	KILOGRAM		KILOGRAM		KILOGRAM				
			PIECE		PIECE		PIECE BUCKET		PIECE				
			BUCKET WHEELBARROW		BUCKET WHEELBARRO		WHEELBARROW		WHEELBARROW				
			OX CART	6	OX CART		OX CART	6	OX CART	5	YES1 NO2 >>	(THEN >>	
			OTHER (SPECIFY)	7	OTHER	-	OTHER (SPECIFY)	7	OTHER (SPECIFY)	7	NEXT ROW	NEXT ROW)	
		NETWORK ROSTER			(SPECIFY).		i i		· ·				
		ID CODE # 1	QUANTITY	UNIT	QUANTITY	UNIT	QUANTITY	UNIT	QUANTITY	UNIT		MK	
	1	1	1		1	1		1		1	1	1	ENUMERATOR: RECORD
													PRIMARY
401	COW MILK												RESPONDENT
402	CHICKEN EGGS												ID FOR MODULE S:
402	CHICKEN EGGS												
403	GUINEA FOWL EGGS												
403	GUINEA FOWL EGGS												ID
404	MEAT												ENUMERATOR:
404	IVILAT												RECORD
406	SKINS AND HIDES												END TIME
400	OKING AND TIDES												FOR MODULE S:
407	MANURE												
	OTHER				1	1		1			1		
408	(SPECIFY)												HOURS MINUTES
	\-: /	1		l		1	1	1		I	I	1	MINOTES

AG-MODULE T: ACCESS TO EXTENSION SERVICES

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

		T01	T02	T03
		During the last 12	What was the main	Did you follow the
		months, did you or	source of the advice	advice received on
		anyone in your	on [TOPIC]?	[TOPIC]?
		household receive any		
		advice on		
		YES1		
		NO2 >> NEXT		YES1 NO2
CODE	торіс	TOPIC	SOURCE	NO2
			1	
301	New Seed Varieties			
302	Pest Control			
303	Fertilizer Use			
304	Pit Planting			
305	Irrigation			
306	Composting			
000	J			
307	Marketing/Crop Sales			
307	Marketing/Grop Gales			
308	Growing/Selling Tobacco			
308	Growing/Selling Tobacco			
	A			
309	Access to Credit			
310	Forestry			
311	General Animal Care			
312	Animal Diseases / Vaccination			
313	Fishery Production			
	1		1	
314	Contract Farming			
315	Agroforestry			
313	Agrororeatry			
010	Other CDECIEV			
316	Other SPECIFY			

AG-MODULE T: ACCESS TO EXTENSION SERVICES

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

KEIO	PULATED WITH SO		ПАТ АК	E LIOIEI	או או כ			<u>U2)</u>					
		T05				T05_1	T06		T07	T08	T09	T10	T11
		Who in yo	our housel	hold receiv	red	Did the	How many	times did	How many times did	How many times	Did you or any	How much in	On average,
			nformation			household	someone f	rom		did you or any	member of	total did your	how useful
		[SOURCE	E] during t	he last 12	months?	member(s)	[SOURCE	v <u>isit your</u>	of your household	member of your	your	household pay	was the
						request or	farm during	g the last 12	visit or meet with the	household	household pay	to receive	advice /
		LIST FRO	OM HOUS	EHOLD R	OSTER.	otherwise	months? H	low many of	[SOURCE] at a	attend	anything in	advice /	information
						demand the	these visits	s were	location other than	[SOURCE] in	order to	information	received fron
						advice from	solicited?		your dwelling or your	the last 12	receive any	from [SOURCE]	[SOURCE]?
						this			plots during the last	months?	type of advice	during the last	-
						[SOURCE]?	IF NONE, F		12 months?	RECORD THE	/ information	12 months?	READ
						Ī	ZERO IN BO	OTH	RECORD THE TOTAL	TOTAL FOR THE	from	INCLUDE:	RESPONSES
							COLUMNS.			ENTIRE HH. IF	[SOURCE]	ESTIMATED	
										NONE, RECORD	during the last	VALUE OF IN-	
									ZERO.	ZERO.	12 months?	KIND	Useless1
												PAYMENTS	Not very useful2
		HH	HH	HH	НН		TOTAL	NUMBER OF					Useful3
		ROSTER	ROSTER	ROSTER	ROSTER	Yes1	NUMBER	SOLICITED			Yes1		Very
CODE	SOURCE	ID CODE #1	ID CODE #2	ID CODE #3	ID CODE #4	No2	OF VISITS	VISITS	NUMBER	NUMBER	No2>>11	MK	useful4
		#1	#2	#3	#7								1
1	Gov. Agricultural												
	Extension Service												
2	Private Agricultural												
	Extension Service												
3	Gov. Fishery												
	Extension Service												
4	NGO												
5	Agricultural Coop/												
	Farmers' Assoc.												
6	Fishing Coop												
							ļ,						
7	Farmer Field Days /						/						
	Field School												
8	Village Agricultural					I	I /						1
	Extension Meeting												
9	Agricultural Extension						l /						1
	Course									_			
10	Lead Farmer						/						
							/	/					
11	Other Farmer						/						
	(Neighbor / Relative)						<u>/_</u> ,	/,					l
12	Radio						/					· /	
							\angle	/					
15	Phone/SMS						I /						
16	Other Electronic						ロフ						
	Media (TV)												
13	Paper Media												
	(Handouts/Flyers)												
14	Other												
	(Specify)				l					1	l	I	1

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	1 3:
WITHIN THE VILLAGE	
NEAR THE VILLAGE	
IN/NEAR THE TOWN	
IN/NEAR THE DISTRI	CT/URBAN CENTER.4
OUTSIDE THE DISTRI	[CT5
OUTSIDE THE REGION	16

CROP/SEED CODES

CROP/SEED MASTER LIST

MAIZE
LOCAL1
COMPOSITE/OPV2
HYBRID3
HYBRID RECYCLED4
TOBACCO
BURLEY5
FLUE CURED6
NNDF7
SDF8
ORIENTAL9
OTHER TOBACCO
(SPECIFY)10
GROUNDNUT
CHALIMBANA11
CG712
MANI-PINTAR13
MAWANGA14
JL2415
OTHER GROUNDNUT
(SPECIFY)16
RICE
LOCAL17
FAYA18
PUSA19
TCG1020
IET4094 (SENGA)21
WAMBONE22
KILOMBERO23
ITA24 MTUPATUPA25
MTUPATUPA25
OTHER RICE
(SPECIFY)26

GROUND BEAN (NZAMA)
SUGAR CANE39
CABBAGE40
TANAPOSI41
NKHWANI42
THERERE/OKRA43
TOMATO44
ONION45
PEA46
PAPRIKA47
OTHER (SPECIFY)48

TREE/PERMANENT CROP MASTER LIST CASSAVA.....1 TEA.....2 MANGO.....4 ORANGE.....5 PAWPAW/PAPAYA.....6 AVOCADO.....8 GUAVA.....9 LEMON.....10 NAARTJE (TANGERINE).....11 PEACH.....12 [CUSTADE APPLE] POZA....13 MEXICAN APPLE [MASUKU]...14 MASAU.....15 PINEAPPLE.....16 FODDER TREES.....18 FUEL WOOD TREES.....20 OTHER (SPECIFY).....21

CROP/SEED VARIETY MASTER LIST

Maize Codes		White Pool	47
719 427	1	MH 22	48
PAN 53	2	MH 21	49
PAN 4M-21	3	Sensako 2265	50
DKC 80-53	4	MH 20	51
PHB 30D79	5	MH 19	52
PAN 6777	6	Pan 6195	53
PAN 4m-19	7	MH 17	54
PAN 5M-35	8	MH 18	55
PHB 30V33	9	NSCM 41	56
PHB 30G19	10	MH 16	57
PAN 57	11	MH 15	58
DKC 80-73	12	MH 12	59
PAN 63	13	LH 11	60
AFRIC 1	14	LH 17	61
PAN 77	15	MH26	62
PAN 33	16	MH27	63
DKC 8033	17	MH28	64
CZR8	18	MH29	65
CZR4	19	MH30	66
DK 8051	20	MH31	67
DK8031	21	MH32	68
ZM 521	22	Other (Specify)	69
ZM 421	23	180	70
MR 1734	24	KBM 20	71
MR1724	25	KBM 33	72
SC 627	26	Mnkanachitosi,	73
SC 515	27	ABH 12	74
SC 501	28	ABH 31	75
SC 407	29	ABH43	76
ZM621	30	BRK 2	77
DK8041	31	BRK 4	78
SC 709	32	BRK 7	79
mm 604	33	MTR 88	80
SC 621	34	MTR 92	81
SC 403	35	ABL 109	82
Pan 85	36	ABL 34	83
Pan 67	37	KABL 3209	84
NSCM 31	38	AFH 1	85
MH 23	39	AFH3	86
NSCM 91	40	KRK 26	87
MH 24	41	CC 37	88
MH 25	42	CC67	89
Pan 6363	43	NDDF or Malawi West	
Pan 6343	44	MW 86	91
CX 5005	45	MW 57	92
NSCM 51	46	AWL 32	93
		Other (Specify)	94
		533	95

FUEL WOOD TREES
SIENTIFIC NAME
SENNA SIAMEA (KHESYA WAMILIMO)2001
ACACIA GALPINI (NKUNGU) 2002
ACACIA POLYACANTHA (MTHETE 2003
GRLIRICIDIA SEPIUM 2004
ALBIZIA LEBBECK
(MTANGATANGA)2005
AZADIRACHTA INDICA (NIMU)2006
OTHERS) 2007

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

LIVESTOCK CODES

LIVESTOCK MASTER LIST

CODES	FOR	LIVES	STOCK	DIS	EASES	POULTR	Y :
AVIAN	INFI	LUENZA	A			1	
COCCII	olosi	s	.(Kam	wazi)	2	
FOWL C	CHOLE	ERA				3	
FOWL E	OX (1	Ithom	oa)			4	
FOWL 1	YPHO	DID				5	
GUMBOR	ю	. (Kh	uputo)			6	
NEW CA	STTI	LE(Ch	itopa, (Chidel	u)	7	
BLACK	HEAI)				8	
MAREKS	DIS	SEASE				9	
INFECT	TOUS	BRO	CHNIT	IES.		10	
INFECT	TOUS	LAR	YNGEA	L TR	ACHEI	ris11	
MYCOPI	ASMO	SIS.				12	
						13	
ASPERO	SILLO	SIS.				14	
						CATTLE	ç
GOATS							
EAST C	COST	FEVE	R (Ch:	igod	ola ch	na	
ng'omk	e)					16	
HEART							
		_				17	
ANAPLA							
						18	
						19	
BABEIS		- (20	
-						21	
LUMPY							
					_	22	
						23	
						24	
RABIES							
(Chiwe	ewe).					25	
TRYPAN	IOSON	MIASI:	S (Mat	teng	a a		
kaodze	ela).					26	
PPR						27	
						28	
						ichikulı	1
						29	
CODES							
						30	
						31	
						32	
						33	
						34	
						35	
MANGE.						36	

LIVETSOCK BREED MASTER LIST

CODES FOR CATTLE BREEDS:
FRESIAN1
GUERSEY2
JERSEY3
AYRHIRE4
BROWN SWISS5
FLECKVIEH6
ANKOLE7
ZEBU8
NGANDA9
SAHIWAL10
REDPOLI11
HEREFORD12
BORAN13
BOSMORA14
OTHER CROSSES15
OTHER (SPECIFY)18
GODIG FOR GOLDS PRINTS
CODES FOR GOATS BREEDS:
BOER1
GALLA2
MUBENDE3
0111111 11101 1111111011111111111
SANEEN6
TOGGERN BURG7
ANGLONUBIAN8
ANGORA GOATS9
ALPINE GOATS10
OTHER CROSSES11
OTHER (SPECIFY)12
CODES FOR CHICKEN BREEDS:
BOILER-PLYMOUTH ROCK1
CORNISH2
SUSSEX LAYERS- LEGHORN3
MINOCA4
RHODE ISLAND RED5
ANCONA6
NEW HAMPSHIRE7
PLYMOUTH8
OTHER (SPECIFY)9
LOCAL CHICKEN BREEDS:
KANSILANGA1
KAMBWATA2
KADZIMETE/KAMETE3
KATSUMBA4

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 NEWCASTLE
1-2 FOR NEWCASTLE4
BURSINE FOR BURSA (GUMBORO)5
POXINE FOR FOWL POX6
VACCINES FOR CATTLE:
VACCINES FOR CATTLE: EAST COAST FEVER VACCINE1
EAST COAST FEVER VACCINE1
EAST COAST FEVER VACCINE
EAST COAST FEVER VACCINE. 1 BLACK QUARTER VACCINE. 2 RABISIN. 3