

AUTHORIZED FOR PUBLIC DISCLOSURE

Malawi Government
National Statistical Office

Questionnaire
Number

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 IDENTIFICATION

WRITE CODES FOR TA, STA, OR TOWN; EA; AND HH ID. WRITE NAME OF DISTRICT; TA; VILLAGE; AND HOUSEHOLD HEAD.

	CODE	NAME
A01. DISTRICT:	<input type="text"/> <input type="text"/> <input type="text"/>
A02. TA, STA, or TOWN:	<input type="text"/> <input type="text"/>
A03. ENUMERATION AREA:	<input type="text"/> <input type="text"/> <input type="text"/>
A04. PLACE / VILLAGE NAME:	
A04b. EXTENSION PLANNING AREA:	
A05. PANEL OR CROSS-SECTIONAL:	CROSS-SECTION.....1 PANEL A2>>A09 PANEL B3>>A09	<input type="text"/>
A06. HOUSEHOLD ID (FROM LIST):	<input type="text"/> <input type="text"/> <input type="text"/>	
A07. NAME OF HOUSEHOLD HEAD:	
A08. DWELLING STRUCTURE NO. (FROM LIST):	CODE <input type="text"/> <input type="text"/> <input type="text"/> (THEN>>A15)	
A09. IHPS Y3_HHID FROM TRACKING FORM:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
A10. NAME OF HOUSEHOLD HEAD FROM IHPS:	
A11. LOCATION OF HOUSEHOLD:	SAME DWELLING UNIT.....1 ► A13 DIFFERENT DWELLING UNIT WITHIN SAME VILLAGE/URBAN LOCATION.....2 DIFFERENT VILLAGE/URBAN LOCATION, WITHIN SAME DISTRICT.....3 DIFFERENT VILLAGE/URBAN LOCATION, WITH DIFFERENT DISTRICT.....4	<input type="text"/>
A12. IHPS 2016 ROSTER ID & NAME OF TRACKING TARGET:	<input type="text"/> <input type="text"/> <input type="text"/>
A13. CURRENT NAME OF HOUSEHOLD HEAD:	
A14. LOWEST IHPS 2016 ROSTER ID NUMBER FROM SECTION B, QUESTION 06_1:	<input type="text"/> <input type="text"/> <input type="text"/>	REFER TO COMPLETED T0 AND CONFIRM IN MODULE B HOUSEHOLD ROSTER

MODULE A-2: SURVEY STAFF DETAILS**VISIT 1**

A15. ENUMERATOR CODE:

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A16. ENUMERATOR NAME:

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		DATE	START	END	MODULES
A17.	Attempt 1				
	Attempt 2				
	Attempt 3				

HH MM HH MM

ENUMERATOR>> NEXT PAGE

A18. SUPERVISOR CODE:

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A19. SUPERVISOR NAME:

--

A20. DATE OF INSPECTION:

--	--	--

DD MM YYYY

RECORD GENERAL NOTES ABOUT THE INTERVIEW AND ANY SPECIAL INFORMATION THAT WILL BE HELPFUL FOR SUPERVISORS AND DATA ANALYSIS.

PLEASE MARK AN 'X' IN BOX IF HOUSEHOLD REFUSAL. PROVIDE DETAILS.

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VISIT 2 (ONLY APPLICABLE FOR PANEL HOUSEHOLDS)

A24. ENUMERATOR CODE:

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A25. ENUMERATOR NAME:

--

		DATE	START	END	MODULES
A26.	Attempt 1				
	Attempt 2				
	Attempt 3				

HH MM HH MM

ENUMERATOR>> NEXT PAGE

A27. SUPERVISOR CODE:

--	--	--

A28. SUPERVISOR NAME:

--

A29. DATE OF INSPECTION:

--	--	--

DD MM YYYY

RECORD GENERAL NOTES ABOUT THE INTERVIEW AND ANY SPECIAL INFORMATION THAT WILL BE HELPFUL FOR SUPERVISORS AND DATA ANALYSIS.

PLEASE MARK AN 'X' IN BOX IF HOUSEHOLD REFUSAL. PROVIDE DETAILS.

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ENUMERATOR:
RECORD START
DATE &
TIME FOR MODULE
B-2:

DAY	MONTH	HOURS	MINUTE

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

[illegible]

RENTED IN

[illegible]

AG-MODULE B 2: GARDEN DETAILS - [REFERENCE RAINY SEASON] (CONTI

[illegible]

ENUMERATOR: RECORD START DATE & TIME FOR MODULE D:

DAY MONTH HOURS MINUTE

11

PLOT CHARACTERISTICS

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

[illegible]

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

[illegible]

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

[illegible]

E00. **ENUMERATOR:** WHAT WAS THE REFERENCE RAINY SEASON FOR THIS HOUSEHOLD?

2017/2018...1	2018/2019...2	
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YES...1	
NO....2 >> 27	

DAY	MONTH	HOURS	MINUTES

ENUMERATOR: DETERMINE FIRST ALL HH MEMBERS THAT OBTAINED COUPONS DURING THE [REFERENCE RAINY SEASON]. WE ARE REFERRING TO PAPER COUPONS THAT WERE OBTAINED BY HOUSEHOLD MEMBERS, REGARDLESS OF HOW THEY WERE OBTAINED AND/OR USED. FOR EACH HH MEMBER, RECORD ON A SEPARATE ROW THE NAME, HH ROSTER ID CODE, EACH TYPE OF INPUT COUPON OBTAINED AND THE NUMBER OF EACH TYPE OF INPUT COUPON OBTAINED, BEFORE MOVING ON TO THE NEXT HH MEMBER.	A	B	C	D	ENUMERATOR: LIST EACH COUPON ON A SEPARATE ROW, SO THAT EACH COUPON RECEIVED IS ASSIGNED A UNIQUE ID. REFER TO THE MANUAL FOR AN EXAMPLE, IF NECESSARY.					E02	E03	E04	E05	E06	E07	E08	E08_1																							
			CODES FOR COUPON TYPES: 23:21:0+4S / CHITOWE..1 UREA.....4 MAIZE SEED.....10 FLEXI SEED.....11			CODES FOR COUPON TYPES: 23:21:0+4S / CHITOWE..1 UREA.....4 MAIZE SEED.....10 FLEXI SEED.....11	LIST FROM NETWORK ROSTER. IF ASSIGNED AT THE VILLAGE OPEN FORUM, RECORD "VILLAGE OPEN FORUM" AND NOT "VILLAGE HEADMAN"				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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	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 DECEMBER..12	CODES FOR MONTH: JANUARY...1 FEBRUARY...2 MARCH.....3 APRIL.....4 MAY.....5 JUNE.....6 JULY.....7 AUGUST.....8 SEPTEMBER..9 OCTOBER...1

[illegible]

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

				E16 From whom or which firm/institution did [NAME] purchase the inputs by redeeming the [COUPON]? LIST FROM NETWORK ROSTER (THEN >> 27)	E18 Did [NAME] sell the [COUPON] that [NAME] obtained during the [REFERENCE RAINY SEASON]? YES..1 NO..2>>22	E20 How much did [NAME] receive from the sale of the [COUPON]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS. MK	E21 To whom did [NAME] sell the [COUPON]? LIST FROM NETWORK ROSTER (THEN >>27)	E22 Did [NAME] give away [COUPON] to non-household members (family / friends) for free? YES..1>>27 NO...2	E24 Was the [COUPON] lost or stolen? YES..1>>27 NO...2	E26 Why did [NAME] not redeem the [COUPON]? READ RESPONSES. LIST UP TO 2. Did not have enough money to buy inputs..1 Input supplier was too far / inaccessible.....2 Accessible input supplier did not have the input..3 Coupon was obtained too late.....4 Preferred cash / other items5 Other (Specify).....6	E27 Did your household obtain any FERTILIZER or MAIZE SEED coupons in the following previous rainy seasons? YES....1 NO.....2	E28 Did any members of this village obtain any fertilizer, maize or flexi seed input coupons during the [REFERENCE RAINY SEASON]? YES..1 NO...2 >> NEXT ROW	E29 Were the following methods [...] used in allocating & distributing [COUPON] in the [REFERENCE RAINY SEASON]? FILL IN ENTIRE TABLE. FOR EACH OF THE THREE COUPON TYPES LISTED REPORT WHETHER OR NOT EACH OF THE FOUR YES....1 NO.....2 <table border="1"> <tr> <th></th> <th>Open Forum Allocation</th> <th>Open Forum Distribution</th> <th>Redistribution Following Open Forum</th> <th>Later Supplementary Allocations</th> </tr> <tr> <td>Fertilizer coupons</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Maize seed coupons</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flexi seed coupons</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations	Fertilizer coupons					Maize seed coupons					Flexi seed coupons				
	Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations																																
Fertilizer coupons																																				
Maize seed coupons																																				
Flexi seed coupons																																				
COUPON ID CODE	HH ROSTER ID CODE	COUPON TYPE	NETWORK ROSTER ID CODE																																	
501																																				
502																																				
503																																				
504																																				
505																																				
506																																				
507																																				
508																																				

				E30 Were the following people [...] involved and how important were they in allocating & distributing vouchers? Involved, Important.....1 Involved, Not Important....2 Not Involved.....3 Method Not Applicable.....4
	Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations
Agricultural Extension Staff				
VDC Members				
Village Headman				
Traditional Authority				
Local Political Leaders				
Other (Specify)				

ENUMERATOR: RECORD
PRIMARY RESPONDENT
ID FOR MODULE E:

ENUMERATOR: RECORD
END TIME
FOR MODULE E:

HOURS MINUTES

AG-MODULE F: OTHER INPUTS - [RAINY SEASON]**NOTE:** CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 1.**ENUMERATOR:** RECORD START DATE & TIME FOR MODULE F:

DAY	MONTH	HOURS	MINUTES

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

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

ENUMERATOR: FIRST, FILL THE FIRST TWO COLUMNS & QUESTIONS 1 & 2. THEN, GO THROUGH THE ENTIRE MODULE (STARTING WITH Q. 3) FOR EACH ROW, ONE ROW AT A TIME.

A. Did you or anyone in your household cultivate any plots during the [REFERENCE RAINY SEASON]? YES...1 NO...2>> NEXT MODULE			INPUT TYPE NAME	INPUT TYPE CODE	F01 ENUMERATOR: FOR ROW 101, ORGANIC FERTILIZER (MANURE), ENTER THE TOTAL QUANTITY, AS REPORTED IN MODULE D QUESTION 37. FOR ROWS 102-105, ENTER THE TOTAL KGs USED FOR EACH TYPE OF INORGANIC FERTILIZER, AND CHECK THAT THE TOTAL KGs REPORTED HERE IN THIS QUESTION FOR ALL FERTILIZERS MATCHES THE TOTAL KGs REPORTED IN MODULE D QUESTION 39 OVER BOTH APPLICATIONS AND ALL PLOTS. FOR ROWS 106-109, ENTER THE TOTAL AMOUNT USED FOR EACH TYPE OF PESTICIDES/HERBICIDES OVER ALL PLOTS, AS REPORTED IN MODULE D QUESTION 41. CODES FOR UNIT: GRAM.....1 BUCKET.....10 KILOGRAM.....2 WHEELBARROW.11 LITER.....8 OX CART.....12 MILLILITER...9 OTHER (SPECIFY)...13	F02 ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM QUESTION 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF INPUT USED DURING THE [REFERENCE RAINY SEASON]. YES, THE FIGURES MATCHED...1 NO, THE ENTRIES IN MODULE D, AND QUESTION 1 OF MODULE F WERE ADJUSTED...2	F03 During the [REFERENCE RAINY SEASON], did all of this [INPUT] come from purchases by using coupons / vouchers? YES...1 >> NEXT ROW NO...2
			ENUMERATOR: FOR ROW 101, ORGANIC FERTILIZER (MANURE), NO INPUT TYPE CODE IS NECESSARY. FOR ROWS 102-105, REFER TO THE INPUT TYPE CODES OF THE INORGANIC FERTILIZERS USED ON THE PLOTS, AS REPORTED IN MODULE D QUESTION 39. IF THE FARMER HAS MIXED TWO OR MORE FERTILIZERS IN ANY OF THE APPLICATIONS, YOU MUST LIST THE CODES OF ALL TYPES OF FERTILIZERS USED, EVEN THOUGH THEY MAY NOT ALL BE LISTED IN QUESTION 39. FOR ROWS 106-109, REFER TO THE INPUT TYPE CODES OF THE PESTICIDES/ HERBICIDES USED ON THE PLOTS, AS REPORTED IN MODULE D QUESTION 41.				
					QUANTITY	UNIT	

X	ORGANIC FERTILIZER	101	ORGANIC FERTILIZER	X				
	INORGANIC FERTILIZER TYPE # 1	102						
	INORGANIC FERTILIZER TYPE # 2	103						
	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						

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

COMMERCIAL [INPUT] PURCHASES

[illegible]

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

[illegible]

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

[illegible]

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

[illegible]

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

		3RD SOURCE OF COMMERCIAL [INPUT]		FREE [INPUT]		
INPUT TYPE NAME	INPUT TYPE CODE	F34 Was there a THIRD SOURCE from whom you purchased any of the [INPUT] without coupons / vouchers or on credit during the [REFERENCE RAINY SEASON]?	F35 Who/Which firm/ institution was the THIRD SOURCE of the [INPUT] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE RAINY SEASON]?	F36 How much of the [INPUT] was purchased without coupons / vouchers or purchased on credit from [THIRD SOURCE] during the [REFERENCE RAINY SEASON]?	F37 Did you receive any of the [INPUT] for free during the [REFERENCE RAINY SEASON]?	
	<div>COPY INPUT TYPE NAME & INPUT TYPE CODE FROM PREVIOUS PAGE.</div>		Yes...1 No...2>>37	NETWORK ROSTER ID CODE	QUANTITY	UNIT
			F38 How much of the [INPUT] did you receive in total for free during the [REFERENCE RAINY SEASON]?	F39 During the [REFERENCE RAINY SEASON], from whom did you receive most of the [INPUT] for free?	F40 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]?	
			LIST UP TO 2 FROM NETWORK ROSTER	LIST UP TO 2 FROM NETWORK ROSTER	INCLUDE ALL TRIPS FROM AND BACK TO THE FARM.	
			Yes...1 No...2>>41	NETWORK ROSTER ID CODE #1	NETWORK ROSTER ID CODE #2	MK

AG-MODULE F: OTHER INPUTS - [RAINY SEASON] (CONTINUED)

		LEFT-OVER [INPUT]		OWN-PRODUCED ORGANIC FERTILIZER	
INPUT TYPE NAME	INPUT TYPE CODE	F41 Was any of the [INPUT] that you used during the [REFERENCE RAINY SEASON] left over from a previous season?	F42 How much of the [INPUT] that you used during the [REFERENCE RAINY SEASON] was left over from a previous season? CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 2 KG BAG.....3 3 KG BAG.....4 5 KG BAG.....5 10 KG BAG....6 50 KG BAG....7 LITER.....8 MILLILITER...9 BUCKET.....10 WHEELBARROW.11 OX CART.....12 OTHER (SPECIFY)...13	F43 Did you use any ORGANIC FERTILIZER out of own-production or own animals during the [REFERENCE RAINY SEASON]?	F44 How much of the ORGANIC FERTILIZER was used out of own-production or own animals during the [REFERENCE RAINY SEASON]? CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 2 KG BAG.....3 3 KG BAG.....4 5 KG BAG.....5 10 KG BAG....6 50 KG BAG....7 LITER.....8 MILLILITER...9 BUCKET.....10 WHEELBARROW.11 OX CART.....12 OTHER (SPECIFY)...13
		YES..1 NO...2> 43	QUANTITY UNIT	YES..1 NO...2 >> NEXT ROW	QUANTITY UNIT
COPY INPUT TYPE NAME & INPUT TYPE CODE FROM PREVIOUS PAGE.					
101	ORGANIC FERTILIZER				
102					
103					
104					
105					
106					
107					
108					
109					

ENUMERATOR:
RECORD
PRIMARY
RESPONDENT
ID FOR MODULE F:

ID

ENUMERATOR:
RECORD
END TIME
FOR MODULE F:

HOURS MINUTES

ENUMERATOR: RECORD START DATE & TIME FOR MODULE G:

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

[illegible]

[illegible]

HOURS	MINUTES

DAY	MONTH	HOURS	MINUTES

2017/2018...1	2018/2019...2	
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[illegible]

[illegible]

[illegible]

[illegible]

DAY	MONTH	HOURS	MINUTES

7

POST-HARVEST LABOR

[illegible]

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

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

[illegible]

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

SALES[illegible]

LARGEST BUYER/OUTLET[illegible]

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

CODES FOR UNIT:

NO. 10 PLATE..6	BALE.....10
-----------------	-------------

50 KG BAG.....2	NO. 12 PLATE..7	OX-CART.....12
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PAIL (SMALL) ..4	BUNCH.....8	OTHER (SPECIFY) ..13
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PAIL (SMALL)	BUNCH 8
PAIL (LARGE) . . 5	PIECE 9

CODE FOR S/U:

S: SHELLED....1 U: UNSHELLED..2 NOT APPLICABLE..3

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":			
<u>CODES FOR UNIT:</u>			
KILOGRAM.....1	NO. 10 PLATE..6	BALE.....10	
50 KG BAG.....2	NO. 12 PLATE..7	OX-CART.....12	
FAIL (SMALL)..4	BUNCH.....8	OTHER (SPECIFY)..13	
FAIL (LARGE)..5	PIECE.....9		
<u>CODE FOR S/U:</u>			
S: SHELLED.....1	U: UNSHELLED..2	NOT APPLICABLE..3	

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

CROP CODE	I24 When was most of the [CROP] sold to the [SECOND LARGEST BUYER /OUTLET]?	I25 Approximately how many <u>transactions</u> took place while selling [CROP] TO [SECOND LARGEST BUYER/ OUTLET]?	I26 What was the <u>main mode of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]?	I27 What was the <u>total cost of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/ OUTLET]?	I28 Was there another buyer/outlet to whom you sold [CROP] during the REFERENCE RAINY SEASON?	ALTERNATIVE USES			I31 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was given out as gifts or reimbursements for land, labour?				
						I30 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was consumed by household members?	QUANTITY	UNIT		S/U	QUANTITY	UNIT	S/U
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	I24 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 DECEMBER..12		I26 What was the <u>main mode of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]? READ RESPONSES On Foot.....1 Bicycle Taxi....2 Own Bicycle or Oxcart.....3 Truck / Bus / Minibus.....4 Buyer picked up the crop.....5 Other (Specify).....6	I27 What was the <u>total cost of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/ OUTLET]? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.	I28 Was there another buyer/outlet to whom you sold [CROP] during the REFERENCE RAINY SEASON? YES...1 NO...2	I30 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was consumed by household members? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 31. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.				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		MK								

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

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

CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	I32 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.			I33 How much of the harvested [CROP] during the [REFERENCE RAINY SEASON] was used for animal feed? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 34. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			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.			I35 How much of the harvested [CROP] during the [REFERENCE 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.			I36 How much of the the harvested [CROP] during the [REFERENCE RAINY SEASON] was lost to rotting, insects, rodents, theft, etc. in the post-harvest period ? INCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. FILL IN OPTION 2/PERCENTAGE ONLY IF THE FARMER CANNOT PROVIDE AN APPROXIMATE QUANTITY FOR OPTION 1. IF NOTHING WAS LOST, RECORD ZERO FOR "QUANTITY" AND >> 38. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.				I37 What was the <u>reason</u> for loss? READ RESPONSES. LIST UP TO 2. Rotting.....1 Insects.....2 Rodents/Pests...3 Flood.....4 Theft.....5 Other (Specify).6	
	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	PERCENTAGE	1ST	2ND

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

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

[illegible]

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

ENUMERATOR:
RECORD
END TIME
FOR MODULE 1:

HOURS	MINUTE

[illegible]

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

[illegible]

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

[illegible]

AG-MODULE J: PLOT ROSTER - DRY (DIMBA) SEASON

ENUMERATOR: RECORD START DATE & TIME FOR MODULE N:

DAY	MONTH

HOURS	MINUTES

TABLE A	A GARDEN (MUNDA) IS A CONTINUOUS PIECE OF LAND AND SHOULD NOT BE SPLIT BY A RIVER OR A PATH WIDE ENOUGH TO FIT AN OX-CART OR VEHICLE. A GARDEN CAN CONTAIN ONE OR MORE PLOTS.											
	A PLOT IS DEFINED AS A CONTINUOUS PIECE OF LAND ON WHICH A UNIQUE CROP OR A MIXTURE OF CROPS IS GROWN, UNDER A UNIFORM, CONSISTENT CROP MANAGEMENT SYSTEM.											
	A PLOT MUST BE CONTINUOUS AND SHOULD NOT BE SPLIT BY A PATH OF MORE THAN ONE METRE IN WIDTH. PLOT BOUNDARIES ARE DEFINED ACCORDING TO THE CROPS GROWN AND THE OPERATOR.											
	Please list <u>all PLOT on all GARDENS (MUNDA)</u> you or anyone in your household <u>cultivated</u> during the <u>[REFERENCE DIMBA SEASON]</u> .											

PLOT ID	J02 PLOT NAME	J03 LOCATION & DESCRIPTION	J04_2 RECORD THE GARDEN THAT THE PLOT IS A PART OF. (PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1)	J05 What is the <u>area</u> of this [PLOT]? ENUMERATOR: ASK THE FARMER TO ESTIMATE THE AREA FIRST. MEASURE THE AREA WITH THE GPS BEFORE CONTINUING WITH THE REMAINING MODULES. MAKE SURE TO MEASURE THE PLOT AREA WITH GPS <u>AT LEAST TWICE</u> TO GET A CONSISTENT VALUE. RECORD ZEROS TO THE RIGHT OF THE DECIMAL. <u>CODES FOR UNIT:</u> ACRE.....1 HECTARE.....2 SQUARE METERS...3 YARDS.....4 OTHER (SPECIFY)..5			J06 ENUMERATOR: RECORD THE <u>COORDINATES</u> FOR THE CORNER OF THE PLOT AT WHICH YOU STARTED AREA MEASUREMENT. IF YOU DID NOT RECORD THE GPS COORDINATES, PLEASE SPECIFY REASON. <u>CODES FOR REASON:</u> LONG DISTANCE WITHIN THIS DISTRICT.....1 LONG DISTANCE OUTSIDE THIS DISTRICT.....2 HOUSEHOLD REFUSED.....3 OTHER (SPECIFY).....4			J07 ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	J07_1 ENUMERATOR: RECORD GPS ACCURACY	J08 ENUMERATOR: RECORD THE WEATHER CONDITIONS AT TIME OF MEASUREMENT <u>CODES FOR CONDITION</u> Clear/Sunny.....1 Mostly Clear / Mostly Sunny.....2 Partly Cloudy / Partly Sunny.....3 Mostly Cloudy / Considerable Cloudiness.....4 Completely Cloudy...5 Rainy.....6
				a.		b.	a.		b.			
				FARMER ESTIMATION		GPS MEASURE	LATITUDE (S)		LONGITUDE (E)			
				AREA	UNIT	AREA IN ACRES				REASON		

D01												
D02												
D03												
D04												
D05												
D06												
D07												
D08												

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE N:

ID

ENUMERATOR: RECORD END TIME FOR MODULE N:

HOURS	MINUTES

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

[illegible]

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

[illegible]

PLOT ID	PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE J	K44																K45															
		During the [REFERENCE DIMBA SEASON], please list for me the household members that worked on this [PLOT] for weeding, fertilizing and/or any other non-harvest activity.																During the [REFERENCE DIMBA SEASON] season, please list for me the household members that worked on this [PLOT] for harvesting.															
		RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER.																RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER.															
IF NO ONE ENGAGED IN WEEDING, FERTILIZING AND/OR ANY OTHER NON-HARVEST ACTIVITY, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 45.		IF NO ONE ENGAGED IN HARVESTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 46.																															
How many weeks did each household member work?		How many weeks did each household member work?																															
During those weeks, approximately how many days did each household member work per week?		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?		During those days, approximately how many hours did each household member work per day?																															
WEEDING/FERTILIZING/ OTHER NON-HARVEST ACTIVITY																HARVESTING																	
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 ROSTER ID CODE	WEEKS	DAYS / WEEK	HOURS / DAY	HH ROSTER ID CODE	WEEKS	DAYS / WEEK	HOURS / DAY						

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON

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

ENUMERATOR: RECORD START DATE & TIME FOR MODULE L:

DAY	MONTH

HOURS	MINUTES

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

2018...1	2019...2
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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.

<p>L0A. Did you or anyone in your household cultivate any plots during the [REFERENCE DIMBA SEASON]?</p> <p>YES...1 NO...2>> NEXT MODULE</p>			<p>INPUT TYPE NAME</p> <p>ENUMERATOR: FOR ROW 101, ORGANIC FERTILIZER (MANURE), NO INPUT TYPE CODE IS NECESSARY.</p> <p>FOR ROWS 102-105, REFER TO THE INPUT TYPE CODES OF THE INORGANIC FERTILIZERS USED ON THE PLOTS, AS REPORTED IN MODULE L QUESTION 40.</p> <p>IF THE FARMER HAS MIXED TWO OR MORE 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.</p> <p>FOR ROWS 106-109, REFER TO THE INPUT TYPE CODES OF THE PESTICIDES/ HERBICIDES USED ON THE PLOTS, AS REPORTED IN MODULE L QUESTION 42.</p>	<p>INPUT TYPE CODE</p>	<p>L01 ENUMERATOR: FOR ROW 101, ORGANIC FERTILIZER (MANURE), ENTER THE TOTAL QUANTITY, AS REPORTED IN MODULE L QUESTION 38.</p> <p>FOR ROWS 102-105, ENTER THE TOTAL KGs USED FOR EACH TYPE OF INORGANIC FERTILIZER, AND CHECK THAT THE TOTAL KGs REPORTED HERE IN THIS QUESTION FOR ALL FERTILIZERS MATCHES THE TOTAL KGs REPORTED IN MODULE L QUESTION 40 OVER BOTH APPLICATIONS AND ALL PLOTS.</p> <p>FOR ROWS 106-109, ENTER THE TOTAL AMOUNT USED FOR EACH TYPE OF PESTICIDES/HERBICIDES OVER ALL PLOTS, AS REPORTED IN MODULE L QUESTION 42.</p> <p>CODES FOR UNIT: GRAM.....1 BUCKET.....10 KILOGRAM....2 WHEELBARROW.11 LITER.....8 OX CART.....12 MILLILITER...9 OTHER (SPECIFY) ...13</p>	<p>L02 ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM QUESTION 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF INPUT USED DURING THE [REFERENCE DIMBA SEASON].</p> <p>YES, THE FIGURES MATCHED...1</p> <p>NO, THE ENTRIES IN MODULE K, AND QUESTION 1 OF MODULE L WERE ADJUSTED...2</p>	<p>L03 During the [REFERENCE DIMBA SEASON], did all of this [INPUT] come from purchases by using coupons / vouchers?</p> <p>YES...1 >>NEXT ROW NO...2</p>
					<p>QUANTITY</p>	<p>UNIT</p>	

	ORGANIC FERTILIZER	101	ORGANIC FERTILIZER					
	INORGANIC FERTILIZER TYPE # 1	102						
	INORGANIC FERTILIZER TYPE # 2	103						
	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						

COMMERCIAL [INPUT] PURCHASES**COMMERCIAL [INPUT] PURCHASES**

[illegible]

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON (CONTINUED)

[illegible]

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON (CONTINUED)

[illegible]

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON (CONTINUED)

[illegible]

AG-MODULE L: OTHER INPUTS - DRY (DIMBA) SEASON (CONTINUED)

[illegible]

[illegible]

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

PLOT ID PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE J	CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE K (question 21)	M08	M09	M10	M10_1	M11	M12		M13					
		How much [CROP] will you have harvested in total from this [PLOT] during the [REFERENCE DIMBA SEASON]? RECORD TOTAL QUANTITY FOR THE SEASON. CODES FOR UNIT: KILOGRAM.....1 50 KG BAG.....2 PAIL (SMALL)....4 PAIL (LARGE)....5 NO. 10 PLATE....6 NO. 12 PLATE....7 BUNCH.....8 PIECE.....9 BALE.....10 OX-CART.....12 OTHER (SPECIFY).....13 CODE FOR S/U: S: SHELLED....1 U: UNSHELLED...2 NOT APPLICABLE.3	Was the area harvested less than the area planted? YES..1 NO...2>>11	Why was the area harvested less than the area planted? READ RESPONSES. LIST UP TO 2 REASONS Drought.....1 EFFECTS OF: Fire.....3 Insects.....4 Animals.....5 Crop theft.....6 Diseases.....7 Lack of hired labor..9 Other (Specify).....10 Irregular Rains.....11	What was the main disease affecting the plants in the [PLOT]? ENUMERATOR: ONLY ASK THIS QUESTION IF DISEASE LISTED AS REASON IN M10.	How much [CROP] did you harvest from this [PLOT] during the [REFERENCE DIMBA SEASON]? IF NO HARVEST, RECORD ZERO FOR "QUANTITY" AND >> NEXT ROW. CODES FOR UNIT: KILOGRAM.....1 50 KG BAG.....2 PAIL (SMALL)....4 PAIL (LARGE)....5 NO. 10 PLATE....6 NO. 12 PLATE....7 BUNCH.....8 PIECE.....9 BALE.....10 OX-CART.....12 OTHER (SPECIFY).....13 CODE FOR S/U: S: SHELLED....1 U: UNSHELLED...2 NOT APPLICABLE.3	What were the months when the harvest started and ended? 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 DECEMBER..12	Who in the household makes the decision concerning the use of the [CROP] output from [PLOT]? LIST UP TO TWO HOUSEHOLD MEMBERS.	HH ROSTER ID CODE #1	HH ROSTER ID CODE #2				
		QUANTITY	UNIT	S/U	1ST	2ND	DISEASE CODE	QUANTITY	UNIT	S/U	START MONTH	END MONTH		

ENUMERATOR:
RECORD
PRIMARY
RESPONDENT
ID FOR MODULE M:

ID

ENUMERATOR:
RECORD
END TIME
FOR MODULE M:

HOURS	MINUTES

DAY	MONTH	HOURS	MINUTES

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

CROP CODE	N01	N02	N03	N04	N05	N06		N07	N08	N09	N10	N11	N12	N13	N14	
	ENUMERATOR: REFER TO AG-MODULE M, QUESTION 4. FOR EACH TYPE OF SEED, COMPUTE THE TOTAL AMOUNT PLANTED ACROSS PLOTS CULTIVATED BY THE HOUSEHOLD DURING THE [REFERENCE DIMBA SEASON]. RECORD THE VALUE HERE. ENUMERATOR: REFER TO 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 [REFERENCE DIMBA SEASON].	ENUMERATOR: ASK THE FARMER WHETHER THE FIGURES FROM QUESTION 1 CORRESPOND TO THE AMOUNT OF EACH TYPE OF SEED USED DURING THE [REFERENCE DIMBA SEASON]. YES, THE FIGURES MATCHED.....1 NO, THE ENTRIES IN AG-MODULE M, AND QUESTION 1 OF AG-MODULE N WERE ADJUSTED.....2	During the [REFERENCE DIMBA SEASON], did all of this [SEED] come from purchases by using coupons / vouchers?	During the [REFERENCE DIMBA SEASON], did all of this [SEED] come without coupons/ vouchers or purchase any [SEED] on credit?	ENUMERATOR : IS THIS A CROSS-SECTIONAL HOUSEHOLD?	Who/Which firms/institutions were the sources of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]? LIST UP TO 2 FROM NETWORK ROSTER		How much of the [SEED] was purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]? RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE. CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 3 KG BAG.....3 5 KG BAG.....4 3.7 KG BAG.....5 5 KG BAG.....6 10 KG BAG.....7 50 KG BAG.....8 OTHER	How much of the [SEED] was purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]? RECORD TOTAL QUANTITY, REGARDLESS OF SOURCE. CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 3 KG BAG.....3 5 KG BAG.....4 3.7 KG BAG.....5 5 KG BAG.....6 10 KG BAG.....7 50 KG BAG.....8 OTHER	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]? READ RESPONSES On Foot.....1 Bicycle Taxi.....2 Own Bicycle or Oxcart.....3 Truck / Bus / Minibus.....4 Other (Specify).....5	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 TRIPS FROM AND BACK TO THE FARM.	What was the value of all of the [SEED] that you purchased without coupons / vouchers or purchased on credit during the [REFERENCE DIMBA SEASON]? READ RESPONSES Paid in full, with own-savings..1>37 Received on credit.....2 Part own-savings, part on credit.....3	How much did you pay up-front for this [SEED] purchase?	How much did you <u>pay</u> for this [SEED] purchase?	How much did you <u>repay</u> or <u>credit</u> for this [SEED] purchase?	What was the <u>source</u> of the [SEED] purchase?
	QUANTITY	UNIT	YES..1>37 NO...2	YES..1 NO...2>37	YES..1 NO...2>15	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	QUANTITY	UNIT	MK	MK		MK	MK	NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2

[illegible]

[illegible]

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON

NOTE: CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2. **ENUMERATOR:** RECORD START DATE & TIME FOR MODULE O:

DAY	MONTH	HOURS	MINUTES

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

2018...1 2019...2

ENUMERATOR: REFER TO AG-MODULE M. LIST THE NAMES AND CODES OF ALL DIFFERENT TYPES OF CROPS HARVESTED DURING THE [REFERENCE DIMBA SEASON].

ONCE LISTING IS COMPLETED, GO THROUGH THE ENTIRE MODULE FOR EACH ROW, ONE ROW AT A TIME.

CROP CODE		POST-HARVEST LABOR															
PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O01_1 ENUMERATOR: RECORD PRIMARY RESPONDENT ID	<p>O00</p> <p>During the [REFERENCE DIMBA SEASON], please list for me the household members that worked on this [CROP] for post-harvest activities.</p> <p>RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER.</p> <p>IF NO ONE ENGAGED IN POST-HARVESTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO O01.</p> <p>How many weeks did each household member work?</p> <p>During those weeks, approximately how many days did each household member work per week?</p> <p>During those days, approximately how many hours did each household member work per day?</p> <p>Which activities were they involved in? MARK 'X' UNDER EACH ACTIVITY THEY WERE INVOLVED IN</p>															
	HH ROSTER ID CODE	POST-HARVESTING															
	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHIN G/PEELING	DRYING	CLEANIN G	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL PRODUCTION, ETC.)	

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

CODES FOR UNIT:

KILOGRAM.....1	NO. 10 PLATE..6	BALE.....10
50 KG BAG.....2	NO. 12 PLATE..7	OX-CART.....12
PAIL (SMALL)..4	BUNCH.....8	OTHER (SPECIFY)..13
PAIL (LARGE)..5	PIECE.....9	

CODE FOR S/U:

S: SHELLED...1	U: UNSHELLED..2	NOT APPLICABLE..3
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AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

[illegible]

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O01 Did you <u>sell</u> any of the harvested [CROP]? YES..1 NO...2>>31	O02 How much of the harvested [CROP] was <u>sold in total</u> ? FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			O03 What was the <u>total</u> <u>value of all</u> [CROP] sales? ESTIMATE THE VALUE OF IN-KIND PAYMENTS. MK	O04 ENUMERATOR: IS THIS A CROSS- SECTIONAL HOUSEHOLD? YES..1 NO...2>>11	O05 Who/What were the main buyers/outlets for your [CROP] sales? LIST UP TO 2 FROM NETWORK ROSTER		O06 Who in your household <u>kept/decided</u> what to do with these earnings? LIST UP TO 2 FROM HOUSEHOLD ROSTER		O07 When was most of the [CROP] sold? <u>CODES FOR MONTH:</u> JANUARY...1 FEBRUARY...2 MARCH.....3 APRIL.....4 MAY.....5 JUNE.....6 JULY.....7 AUGUST.....8 SEPTEMBER..9 OCTOBER...10 NOVEMBER..11 DECEMBER..12		O08 Approximately how many <u>transactions</u> took place while selling [CROP]? NUMBER OF TRANSACTIONS
		QUANTITY	UNIT	S/U			NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2	MONTH	YEAR (4-DIGIT)	

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

			LARGEST BUYER/OUTLET								
CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O09 What was the <u>main</u> <u>mode of transportation</u> associated with <u>all</u> [CROP] sales? READ RESPONSES On Foot.....1 Bicycle Taxi....2 Own Bicycle or Oxcart.....3 Truck / Bus / Minibus.....4 Buyer picked up the crop.....5 Other (Specify).....6	O10 What was the <u>total</u> <u>cost of transportation</u> associated with <u>all</u> [CROP] sales? INCLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO. (THEN>>31)	O11 Who/What was the [LARGEST BUYER/ OUTLET] for your [CROP] sales? LIST FROM NETWORK ROSTER	O12 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.	O13 What was the <u>total</u> <u>value of [CROP]</u> sales to [LARGEST BUYER/ OUTLET]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	O14 Who in your household <u>kept/decided</u> what to do with these earnings? LIST UP TO 2 FROM HOUSEHOLD ROSTER	O15 When was most of the [CROP] sold to the [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 DECEMBER..12				
	MK	NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U	MK	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2	MONTH	YEAR (4-DIGIT)	

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

					SECOND LARGEST BUYER/OUTLET						
CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O16 Approximately how many <u>transactions</u> took place while selling [CROP] TO [LARGEST BUYER/ OUTLET]?	O17 What was the <u>main</u> <u>mode of transportation</u> associated with the [CROP] sales to [LARGEST BUYER/ OUTLET]?	O18 What was the <u>total</u> <u>cost of transportation</u> 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?	O20 Who/What was the [SECOND LARGEST BUYER/OUT LET] for your [CROP] sales? LIST FROM NETWORK ROSTER	O21 How much of the harvested [CROP] was sold to [SECOND LARGEST BUYER/ OUTLET]?			O22 What was the <u>total</u> <u>value of [CROP]</u> sales to [SECOND LARGEST BUYER/ OUTLET]?	O23 Who in your household <u>kept/decided</u> what to do with these earnings?	
	NUMBER OF TRANSACTIONS	READ RESPONSES On Foot.....1 Bicycle Taxi....2 Own Bicycle or Oxcart.....3 Truck / Bus / Minibus.....4 Buyer picked up the crop.....5 Other (Specify).....6	INCLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.	YES...1 NO...2>>31	NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U	ESTIMATE THE VALUE OF IN-KIND PAYMENTS	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O24 When was most of the [CROP] sold to the [SECOND LARGEST BUYER /OUTLET]?	O25 Approximately how many transactions took place while selling [CROP] TO [SECOND LARGEST BUYER/ OUTLET]?	O26 What was the <u>main</u> <u>mode of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]?	O27 What was the <u>total</u> <u>cost of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/ OUTLET]?	O28 Was there another buyer/outlet to whom you sold [CROP] during the [REFERENCE DIMBA SEASON]?	O31 How much of the harvested [CROP] during the [REFERENCE DIMBA 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.	ALTERNATIVE USES		
	MONTH	YEAR (4-DIGIT)	NUMBER OF TRANSACTIONS	READ RESPONSES	INCLUDE ALL TRIPS FROM AND BACK TO THE FARM. IF NOTHING, RECORD ZERO.	YES..1 NO...2	QUANTITY	UNIT	S/U

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O32 How much of the harvested [CROP] during the [REFERENCE DIMBA 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.			O33 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used for animal feed? EXCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 34. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			O34 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] was used as input for [CROP] by-products that your household sold, if any, for cash/ in-kind goods/ services? EXCLUDE 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.			O35 How much of the harvested [CROP] during the [REFERENCE DIMBA 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.			O36 How much of the the harvested [CROP] during the [REFERENCE DIMBA SEASON] was lost to rotting, insects, rodents, theft, etc. in the post-harvest period? INCLUDE THE QUANTITY OF CROP USED AS ANIMAL FEED DUE TO PEST DAMAGE. FILL IN OPTION 2/PERCENTAGE ONLY IF THE FARMER CANNOT PROVIDE AN APPROXIMATE QUANTITY FOR OPTION 1. IF NOTHING WAS LOST, RECORD ZERO FOR "QUANTITY" AND >> 38. FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.			O37 What was the <u>reason</u> for loss? READ RESPONSES. LIST UP TO 2. Rotting.....1 Insects.....2 Rodents/Pests...3 Flood.....4 Theft.....5 Other (Specify).6		
	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	QUANTITY	UNIT	S/U	OPTION 1 QUANTITY UNIT S/U			OPTION 2 PERCENTAGE	1ST	2ND

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O: POST-HARVEST - DRY (DIMBA) SEASON (CONTINUED)

STORAGE									
CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE N (CROP CODE)	O38 Do you have any of the harvested [CROP] in storage now?	O39 What is your <u>main</u> <u>method</u> of storage for this crop? READ RESPONSES Unprotected pile.....1 Heaped in house.....2 Bags in house.....3 Chitandala in house....4 Chitandala outside....5 Traditional Nkhokwe....6 Improved Nkhokwe....7 Metallic Silo.....8 Other (Specify)...9	O40 How much of the harvested [CROP] during the [REFERENCE DIMBA SEASON] is being stored by your household? FOR ALL APPLICABLE CROPS, MAKE SURE TO ASK WHETHER THE REPORTED VALUE IS SHELLED OR UNSHELLED.	O41 What did you do to <u>protect</u> the stored [CROP]? READ RESPONSES. LIST UP TO 2. Spraying.....1 Smoking.....2 Hired Guard.....3 Magic (Kutsirika).4 Did Nothing.....5 Other (Specify)...6	O42 In general, when you store [CROP], what is usually the <u>main purpose</u> for storing it? READ RESPONSES. LIST UP TO 2. Food for household...1 To sell at a higher price.....2 Seed for planting....3 Render payments in-kind.....4 Wait for the arrival of buyer.....5 Does not usually store.....6 Other (Specify).....7 (THEN >> NEXT ROW)	QUANTITY	UNIT	S/U	
	1ST	2ND	1ST	2ND					

TO ACCOMPANY INFORMATION COLLECTED ON "QUANTITY":

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

AG-MODULE O 2: PLOT ROSTER - TREE/PERMANENT CROPS

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

O_2_001. DID YOU OR ANYONE IN YOUR HOUSEHOLD CULTIVATE/PRODUCE ANY TREE/PERMANENT CROPS IN THE LAST 12 MONTHS?

YES...1
NO...2 >> MODULE R ☐

ENUMERATOR: RECORD START DATE &

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
DAY	MONTH	HOURS	MINUTES

TABLE A	A GARDEN (MUNDA) IS A CONTINUOUS PIECE OF LAND AND SHOULD NOT BE SPLIT BY A RIVER OR A PATH WIDE ENOUGH TO FIT AN OX-CART OR VEHICLE. A GARDEN CAN CONTAIN ONE OR MORE PLOTS.																											
	A PLOT IS DEFINED AS A CONTINUOUS PIECE OF LAND ON WHICH A UNIQUE CROP OR A MIXTURE OF CROPS IS GROWN, UNDER A UNIFORM, CONSISTENT CROP MANAGEMENT SYSTEM.																											
	A PLOT MUST BE CONTINUOUS AND SHOULD NOT BE SPLIT BY A PATH OF MORE THAN ONE METRE IN WIDTH. PLOT BOUNDARIES ARE DEFINED ACCORDING TO THE CROPS GROWN AND THE OPERATOR.																											
	Please list <u>all</u> PLOTS on <u>all</u> GARDENS (MINDA) you or anyone in your household <u>owned</u> or <u>cultivated</u> during <u>the last 12 months</u> .																											
PLOT ID	O_2_02 PLOT NAME	O_2_03 LOCATION & DESCRIPTION	O_2_03_2 RECORD THE GARDEN THAT THE PLOT IS A PART OF. (PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1)	O_2_04 What is the <u>area</u> of this [PLOT]? ENUMERATOR: ASK THE FARMER TO ESTIMATE THE AREA FIRST. MEASURE THE AREA WITH THE GPS BEFORE CONTINUING WITH THE REMAINING MODULES. MAKE SURE TO MEASURE THE PLOT AREA WITH GPS <u>AT LEAST TWICE</u> TO GET A CONSISTENT VALUE. RECORD ZEROS TO THE RIGHT OF THE DECIMAL. CODES FOR UNIT: ACRE.....1 HECTARE.....2 SQUARE METERS.....3 YARDS.....4 OTHER (SPECIFY).....5	O_2_05 ENUMERATOR: RECORD THE COORDINATES FOR THE CORNER OF THE PLOT AT WHICH YOU STARTED AREA MEASUREMENT. IF YOU DID NOT RECORD THE GPS COORDINATES, PLEASE SPECIFY REASON. CODES FOR REASON: LONG DISTANCE WITHIN THIS DISTRICT.....1 LONG DISTANCE OUTSIDE THIS DISTRICT.....2 HOUSEHOLD REFUSED.....3 OTHER (SPECIFY).....4	O_2_06 ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	O_2_06_1 ENUMERATOR: RECORD GPS ACCURACY	O_2_07 ENUMERATOR: RECORD THE WEATHER CONDITIONS AT TIME OF MEASUREMENT CODES FOR CONDITION: Clear/Sunny...1 Mostly Clear / Mostly Sunny..2 Partly Cloudy / Partly Sunny..3 Mostly Cloudy / Considerable Cloudiness....4 Completely Cloudy.....5 Rainy.....6																				
				<table border="1"> <tr> <td colspan="2">a.</td> <td colspan="2">b.</td> </tr> <tr> <td colspan="2">FARMER ESTIMATION</td> <td colspan="2">GPS MEASURE</td> </tr> <tr> <td>AREA</td> <td>UNIT</td> <td>AREA IN ACRES</td> <td></td> </tr> </table>	a.		b.		FARMER ESTIMATION		GPS MEASURE		AREA	UNIT	AREA IN ACRES		<table border="1"> <tr> <td>a.</td> <td>b.</td> <td rowspan="2">REASON</td> </tr> <tr> <td>LATITUDE (S)</td> <td>LONGITUDE (E)</td> </tr> </table>	a.	b.	REASON	LATITUDE (S)	LONGITUDE (E)						
a.		b.																										
FARMER ESTIMATION		GPS MEASURE																										
AREA	UNIT	AREA IN ACRES																										
a.	b.	REASON																										
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T06																												
T07																												
T08																												

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

<input type="text"/>	<input type="text"/>
HOURS	MINUTES

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

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

[illegible]

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

[illegible]

[illegible]

AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

A AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

[illegible]

AG-MODULE Q: TREE/ PERMANENT CROP POST-HARVEST - LAST 12 MONTHS (CONTINUED)

[illegible]

LIVESTOCK CODE	LIVESTOCK NAME	ENUMERATOR: RECORD PRIMARY RESPONDENT ID	R01 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. YES...1 NO....2 >> NEXT ROW	R01_1. What are the household's major purposes for owning/keeping [LIVESTOCK]? Sale of adult animals.....1 Sale of young animals.....2 Sale of livestock products...3 Food for the family.....4 Cope with unexpected expenditures.....5 Cope with seasonal expenditures.....6 Draught power.....7 Manure.....8 Transport.....9 Wealth status.....10 Savings.....11 Wage.....12 Reproduction.....13 Other/specify.....14		R02 How many [LIVESTOCK] are owned by your household now (present at your farm or away)? IF NONE, RECORD ZERO AND >> 7.	R02_1 How many of the [LIVESTOCK] owned are local? IF NONE, RECORD ZERO AND >> R03.	R02_2 What is the main breed of the local [LIVESTOCK] owned by your household? REFER TO LIVESTOCK CODES .	R03 How many of the [LIVESTOCK] owned are improved/exotic? IF NONE, RECORD ZERO AND >> R04.	R03_2 What is the main breed of the improved/exotic [LIVESTOCK] owned by your household? REFER TO LIVESTOCK CODES .	R04 If you wanted to <u>sell</u> one of the [LIVESTOCK] today, how much would you receive from the sale?	R05 Who in your household <u>owns</u> [LIVESTOCK]? LIST UP TO 2 FROM HOUSEHOLD ROSTER	
			HH CODE	MAIN PURPOSE	SECOND PURPOSE	NUMBER	NUMBER	LIVESTOCK BREED	NUMBER	LIVESTOCK BREED	MK	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2
		301	CALF										
302	STEER/HEIFER												
303	COW												
304	BULL												
3304	OX												
3305	DONKEY/MULE/HORSE					X	X	X	X				
307	GOAT												
308	SHEEP												
309	PIG												
3310	CHICKEN-LAYER/ CHICKEN-BROILER					X	X	X	X				
311	LOCAL-HEN					X	X	X	X				
313	LOCAL-COCK					X	X	X	X				
3314	TURKEY/GUINEA FOWL					X	X	X	X				
315	DUCK					X	X	X	X				
319	DOVE/PIGEON					X	X	X	X				
318	OTHER (SPECIFY)					X	X	X	X				

AG-MODULE R: LIVESTOCK (CONTINUED)[illegible]

AG-MODULE R: LIVESTOCK (CONTINUED)

[illegible]

AG-MODULE R: LIVESTOCK (CONTINUED)

LIVESTOCK CODE	LIVESTOCK NAME	R23 Who provided the vaccination services for [LIVESTOCK]? LIST UP TO 2 FROM NETWORK ROSTER		R23_1 What was the name of the vaccine? REFER TO THE VACCINE CODES.	R24 Against which <u>main disease</u> did your household vaccinate [LIVESTOCK]? REFER TO THE DISEASE CODES BELOW.
		NETWORK ROSTER ID CODE # 1	NETWORK ROSTER ID CODE # 2	VACCINE CODE	DISEASE CODE

301	CALF				
302	STEER/HEIFER				
303	COW				
304	BULL				
3304	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)				

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

--	--	--	--	--

CODES FOR 21 & 24 :
African Swine Fever.....1
Amplasmosis.....2
Brucellosis.....7
Mange.....18
New Castle Disease.....20
Small Pox.....22
Other/Specify.....25

ENUMERATOR:
RECORD
END TIME
FOR **MODULE R:**

HOURS	MINUTES

AG-MODULE S: LIVESTOCK PRODUCTS (CONTINUED)

PRODUCT CODE	PRODUCT NAME	S08 To whom did you sell most [PRODUCT] that you sold?	S09 How much of the [PRODUCT] produced did your household consume in the last 12 months? IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 10. <u>CODES FOR UNIT:</u> LITRE.....1 KILOGRAM.....2 PIECE.....3 BUCKET.....4 WHEELBARROW..5 OX CART.....6 OTHER (SPECIFY)7	S10 How much of the [PRODUCT] produced did you give out in the last 12 months as <u>gifts or reimbursements for land, labour or any other service received?</u> EXCLUDE REIMBURSEMENTS FOR INPUTS BORROWED / ACQUIRED ON CREDIT. IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 11. <u>CODES FOR UNIT:</u> LITRE.....1 KILOGRAM.....2 PIECE.....3 BUCKET.....4 WHEELBARROW..5 OX CART.....6 OTHER (SPECIFY)7	S11 How much of the [PRODUCT] produced did you give out in the last 12 months as <u>reimbursements for inputs borrowed or acquired on credit?</u> IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 11_1. <u>CODES FOR UNIT:</u> LITRE.....1 KILOGRAM.....2 PIECE.....3 BUCKET.....4 WHEELBARROW..5 OX CART.....6 OTHER (SPECIFY)7	S11_1 How much of the [PRODUCT] produced <u>went bad/rotten and had to be thrown away?</u> IF NOTHING, RECORD ZERO FOR "QUANTITY" AND CONTINUE TO 12. <u>CODES FOR UNIT:</u> LITRE.....1 KILOGRAM.....2 PIECE.....3 BUCKET.....4 WHEELBARROW..5 OX CART.....6 OTHER (SPECIFY)7	S12 Did you incur <u>any</u> expenses, such as labor costs, additional inputs, transport, etc. in the production of [PRODUCT] in the last 12 months? YES...1 NO...2 >> NEXT ROW	S13 What was the <u>total value</u> of these additional expenses? (THEN >> NEXT ROW)			
									NETWORK ROSTER ID CODE # 1	QUANTITY	UNIT
401	COW MILK										
402	CHICKEN EGGS										
403	GUINEA FOWL EGGS										
404	MEAT										
406	SKINS AND HIDES										
407	MANURE										
408	OTHER (SPECIFY) _____										

ENUMERATOR:
RECORD
PRIMARY
RESPONDENT
ID FOR MODULE S:

ID

ENUMERATOR:
RECORD
END TIME
FOR MODULE S:

HOURS	MINUTES

AG-MODULE T: ACCESS TO EXTENSION SERVICES**NOTE:** CONCERNING PANEL HOUSEHOLDS, ALL QUESTIONS ARE ADMINISTERED IN VISIT 2.

CODE	TOPIC	T01 During the last 12 months, did you or anyone in your household <u>receive</u> any <u>advice</u> on... YES...1 NO....2 >> NEXT TOPIC	T02 What was the <u>main source</u> of the advice on [TOPIC]? SOURCE	T03 Did you follow the advice received on [TOPIC]? YES...1 NO....2
301	New Seed Varieties			
302	Pest Control			
303	Fertilizer Use			
304	Pit Planting			
305	Irrigation			
306	Composting			
307	Marketing/Crop Sales			
308	Growing/Selling Tobacco			
309	Access to Credit			
310	Forestry			
311	General Animal Care			
312	Animal Diseases / Vaccination			
313	Fishery Production			
314	Contract Farming			
315	Agroforestry			
316	Other SPECIFY _____			

CODES FOR SOURCE:

Gov. Agricultural Extension Service.....1
 Private Agricultural Extension Service..2
 Gov. Fishery Extension Service.....3
 NGO.....4
 Agricultural Coop/Farmers' Assoc.....5
 Fishing Coop.....6
 Farmer Field Days/Field School.....7
 Village Agricultural Extension Meeting..8
 Agricultural Extension Course.....9
 Lead Farmer.....10
 Other Farmer (Neighbor/Relative).....11
 Radio.....12
 Paper Media (Handouts / Flyers).....13
 Phone/sms.....15
 Other Electronic Media.....16
 Other (Specify).....14

AG-MODULE T: ACCESS TO EXTENSION SERVICES

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

PRE-POPULATED WITH SOURCES THAT ARE LISTED IN MODULE T Extension 1(T02)

CODE	SOURCE	T05 Who in your household received advice / information through [SOURCE] during the last 12 months? LIST FROM HOUSEHOLD ROSTER.				T05_1 Did the household member(s) request or otherwise demand the advice from this [SOURCE]? Yes...1 No...2	T06 How many times did you or any member of your household [SOURCE] visit your farm during the last 12 months? How many of these visits were solicited? IF NONE, RECORD ZERO IN BOTH COLUMNS.		T07 How many times did you or any member of your household [SOURCE] at a location other than your dwelling or your plots during the last 12 months? RECORD THE TOTAL FOR THE ENTIRE HH. IF NONE, RECORD ZERO.	T08 How many times did you or any member of your household attend [SOURCE] in the last 12 months? RECORD THE TOTAL FOR THE ENTIRE HH. IF NONE, RECORD ZERO.	T09 Did you or any member of your household pay anything in order to receive any type of advice / information from [SOURCE] during the last 12 months? Yes...1 No...2>>11	T10 How much in total did your household pay to receive advice / information from [SOURCE] during the last 12 months? INCLUDE: ESTIMATED VALUE OF IN-KIND PAYMENTS MK	T11 On average, how useful was the advice / information received from [SOURCE]? READ RESPONSES Useless...1 Not very useful...2 Useful...3 Very useful...4
		HH ROSTER ID CODE #1	HH ROSTER ID CODE #2	HH ROSTER ID CODE #3	HH ROSTER ID CODE #4		TOTAL NUMBER OF VISITS	NUMBER OF SOLICITED VISITS					
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												
7	Farmer Field Days / Field School												
8	Village Agricultural Extension Meeting												
9	Agricultural Extension Course												
10	Lead Farmer												
11	Other Farmer (Neighbor / Relative)												
12	Radio												
15	Phone/SMS												
16	Other Electronic Media (TV)												
13	Paper Media (Handouts/Flyers)												
14	Other (Specify)_____												

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:

RELATIVE.....1
 FRIEND/NEIGHBOR.....2
 VDC MEMBER.....3
 VILLAGE HEADMAN.....4
 TRADITIONAL AUTHORITY.....5
 POLITICAL LEADER.....6
 MAIN FARM/PLOT.....7
 ROADSIDE.....8
 MOBILE MARKET.....9
 LOCAL MARKET.....10
 PRIVATE TRADER IN LOCAL MARKET...11
 LOCAL MERCHANT/GROCERY.....12
 MAIN MARKET.....13
 PRIVATE TRADER IN MAIN MARKET...14
 AUCTION IN MAIN MARKET.....15
 PRIVATE COMPANY/BUSINESS PERSON..16
 EMPLOYER.....17
 GOVERNMENT AGENCY.....18
 PARLIAMENT MEMBER.....19
 MONEY LENDER/KATAPILA.....20
 PRIVATE MICROFINANCE INSTITUTION.21
 SAVINGS & CREDIT COOPERATIVE....22
 COMMERCIAL BANK.....23
 GOVERNMENT-FINANCED LENDER.....24
 PARASTATAL ORGANIZATION.....25
 AGRICULTURAL COOPERATIVE.....26
 FARMER BASED CLUB/ASSOCIATION....27
 NGO.....28
 TRUST.....29
 PRIVATE VETERINARY.....30
 DISTRICT VETERINARY.....31
 RELIGIOUS GROUP/INSTITUTION.....32
 OTHER (SPECIFY).....33
 VILLAGE OPEN FORUM.....34
 SELF-VACCINATION.....35

CODES FOR QUESTION 3:

WITHIN THE VILLAGE.....1
 NEAR THE VILLAGE.....2
 IN/NEAR THE TOWN.....3
 IN/NEAR THE DISTRICT/URBAN CENTER.4
 OUTSIDE THE DISTRICT.....5
 OUTSIDE THE REGION.....6

CROP/SEED CODES**CROP/SEED MASTER LIST****MAIZE**

LOCAL.....1
 COMPOSITE/OPV.....2
 HYBRID.....3
 HYBRID RECYCLED...4

TOBACCO

BURLEY.....5
 FLUE CURED.....6
 NNDF.....7
 SDF8
 ORIENTAL9
 OTHER TOBACCO
 (SPECIFY).....10

GROUNDNUT

CHALIMBANA.....11
 CG7.....12
 MANI-PINTAR.....13
 MAWANGA14
 JL24.....15
 OTHER GROUNDNUT
 (SPECIFY).....16

RICE

LOCAL.....17
 FAYA18
 PUSA.....19
 TCG10.....20
 IET4094 (SENGA) ..21
 WAMBONE.....22
 KILOMBERO23
 ITA.....24
 MTUPATUPA.....25
 OTHER RICE
 (SPECIFY).....26

GROUND BEAN (NZAMA)27
 SWEET POTATO.....28
 IRISH [MALAWI] POTATO ..29
 WHEAT.....30
 FINGER MILLET (MAWERE) ..31
 SORGHUM.....32
 PEARL MILLET (MCHEWERE) .33
 BEANS.....34
 SOYABEAN.....35
 PIGEONPEA (NANDOLO)36
 COTTON.....37
 SUNFLOWER.....38
 SUGAR CANE.....39
 CABBAGE.....40
 TANAPOSI.....41
 NKHWANI.....42
 THERERE/OKRA.....43
 TOMATO.....44
 ONION.....45
 PEA.....46
 PAPRIKA.....47
 OTHER (SPECIFY).....48

TREE/PERMANENT CROP MASTER LIST

CASSAVA.....1
 TEA.....2
 COFFEE.....3
 MANGO.....4
 ORANGE.....5
 PAWPAP/PAPAYA.....6
 BANANA.....7
 AVOCADO.....8
 GUAVA.....9
 LEMON.....10
 NAARTJE (TANGERINE)11
 PEACH.....12
 [CUSTADE APPLE] POZA....13
 MEXICAN APPLE [MASUKU] ..14
 MASAU.....15
 PINEAPPLE.....16
 MACADAMIA.....17
 FODDER TREES.....18
 FERTILISER TREES.....19
 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	90
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

FERTILZER TREES**SIENTIFIC NAME**

FAIDHERRBIA ALBIDA (MSANGU)... 1901
 ACACIA GALPINI (NKUNGU) 1902
 ACACIA POLYACANTHA (MTHETE)... 1903
 TEPHROSIA VOGELLI (MTHUTHU)... 1904
 GRLIRICIDIA SEPIUM.....1905
 CAJANAS CAJAN (NANDOLO)1906
 OTHERS) 1907

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 LIVESTOCK DISEASES POULTRY:

AVIAN INFLUENZA.....	1
COCCIDIOSIS.... (Kamwazi)	2
FOWL CHOLERA.....	3
FOWL POX (Nthomba).....	4
FOWL TYPHOID.....	5
GUMBORO.... (Khuputo)	6
NEW CASTTLE..(Chitopa, Chidelu).....	7
BLACK HEAD.....	8
MAREKS DISEASE.....	9
INFECTIOUS BROCHNITIES.....	10
INFECTIOUS LARYNGEAL TRACHEITIS..	11
MYCOPLASMOSIS.....	12
INFECTIOUS CORYZA.....	13
ASPERGILLOSIS.....	14

CODES FOR LIVESTOCK DISEASES CATTLE& GOATS

EAST COST FEVER (Chigodola cha ng'ombe).....	16
HEART WATER (Khunyu)	17
ANAPLASMOSISI (Matenda a Chikasu).....	18
ANTHRAX.....	19
BABEISIOSIS (Likodzo la ng'ombe).....	20
FOOT AND MOUTH DISEASE.....	21
LUMPY SKIN (Matenda a zotupatupa- Kalimbwi).....	22
CBPP.....	23
CCPP.....	24
RABIES (Chiwewe).....	25
TRYPANOSOMIASIS (Matenga a kaodzela).....	26
PPR.....	27
BLACK QUARTER.....	28
Tuberculosis (Chifuwa cha chichikulu cha ng,ombe).....	29

CODES FOR LIVESTOCK DISEASES PIGS

AFRICAN SWINE FEVER.....	30
FOOT AND MOUTH DISEASE.....	31
HOG CHOLERA.....	32
WORMS.....	33
SWINE DYSENTRY.....	34
OTHER (SPECIFY).....	35
MANGE.....	36

LIVETSOCK BREED MASTER LIST

CODES FOR CATTLE BREEDS:

FRESIAN.....	1
GUERSEY.....	2
JERSEY.....	3
AYRHIRE.....	4
BROWN SWISS.....	5
FLECKVIEH.....	6
ANKOLE.....	7
ZEBU.....	8
NGANDA.....	9
SAHIWAL.....	10
REDPOLI.....	11
HEREFORD.....	12
BORAN.....	13
BOSMORA.....	14
OTHER CROSSES.....	15
OTHER (SPECIFY).....	18

CODES FOR GOATS BREEDS:

BOER.....	1
GALLA.....	2
MUBENDE.....	3
KIGEZI.....	4
SMALL EAST AFRICAN.....	5
SANEEN.....	6
TOGGERN BURG.....	7
ANGLONUBIAN.....	8
ANGORA GOATS.....	9
ALPINE GOATS.....	10
OTHER CROSSES.....	11
OTHER (SPECIFY).....	12

CODES FOR CHICKEN BREEDS:

BOILER-PLYMOUTH ROCK.....	1
CORNISH.....	2
SUSSEX LAYERS- LEGHORN...3	
MINOCA.....	4
RHODE ISLAND RED.....	5
ANCONA.....	6
NEW HAMPSHIRE.....	7
PLYMOUTH.....	8
OTHER (SPECIFY).....	9

LOCAL CHICKEN BREEDS:

KANSILANGA.....	1
KAMBWATA.....	2
KADZIMETE/KAMETE.....	3
KATSUMBA.....	4

CODES FOR PIG BREEDS:

LOCAL.....	1
LARGE WHITE.....	2
LAND RACE.....	3
DUROC.....	4
TRISTER.....	5

CODES FOR SHEEP BREEDS:

EAST AFRICAN BLACK HEADED..1	
WHITE TYPE.....	2
RED SHEEP- SHORT LEGGED...3	
OTHER (SPECIFY).....	4

VACCINES FOR CHICKEN:

MAREKS FOR MAREKS.....	1
HITCHNER FOR NEWCASTLE.....	2
LASOTA FOR NEWCASTLE.....	3
1-2 FOR NEWCASTLE.....	4
BURSINE FOR BURSA (GUMBORO).....	5
POXINE FOR FOWL POX.....	6

VACCINES FOR CATTLE:

EAST COAST FEVER VACCINE.....	1
BLACK QUARTER VACCINE.....	2
RABISIN.....	3
FOOT AND MOUTH VACCINE.....	4
RIFT VALLEY VACCINE.....	5
ANTHRAX.....	6