

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

A15. ENUMERATOR CODE:

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A16. ENUMERATOR NAME:

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

ENUMERATOR>> NEXT PAGE

A18. SUPERVISOR CODE:

--	--	--

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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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:

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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.

7

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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]

HOURS	MINUTES

ENUMERATOR: RECORD START DATE & TIME FOR MODULE D:

DAY	MONTH	HOURS	MINUTE

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PLOT CHARACTERISTICS

PLOT ID	D01 Who in the household <u>makes the decisions</u> concerning <u>crops</u> to be planted, <u>input use</u> and the <u>timing</u> of cropping activities on this [PLOT]? THIS DOES NOT NEED TO CORRESPOND TO THE OWNER	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]? YES..1 NO...2 >> 2	D01_2 Who are the other decision makers on the [PLOT]? LIST UP TO 2 HOUSEHOLD MEMBERS FROM HOUSEHOLD ROSTER	D02 ENUMERATOR: RECORD THE ID OF THE RESPONDENT. LIST FROM HOUSEHOLD ROSTER	D14 During the [REFERENCE RAINY SEASON], is this [PLOT]... READ ANSWERS Cultivated..1 >> D20 Rented out..2 Gave out for free...3 >> D21 Fallow....4 >> D21 Forest / Woodlot...5 >> D35 Pasture...6 >> D35 Other (Specify)...7 >> D35	D20 What crops were planted on this [PLOT] during the [REFERENCE RAINY SEASON]? REFER TO CROP CODES AT THE END OF THE QUESTIONNAIRE. LIST ALL CROPS IN ORDER OF IMPORTANCE, STARTING WITH THE MOST IMPORTANT CROP. DO NOT LIST CASSAVA, TEA, COFFEE OR ANY FRUITS.					D21 What is the predominant <u>soil type</u> of this [PLOT]? READ ANSWERS Sandy (Mchenga).....1 Loam Between sandy & clay (Pakati pa mchenga ndi katondo).....2 Clay (Katondo).....3 Other (Specify).....4	D22 What is the <u>soil quality</u> of [PLOT]? READ ANSWERS Good...1 Fair...2 Poor...3	D23 How would you rate the <u>extent of erosion</u> on this [PLOT]? READ ANSWERS No Erosion..1 >> 25 Low.....2 Moderate..3 High.....4	D24 What are the <u>causes</u> of these erosion problems? READ ANSWERS LIST UP TO 2 Terrain...1 Flooding...2 Animals...4 Other ditches...8 (Specify)..5	D25 What type of erosion control/water harvesting <u>facilities</u> are on this [PLOT]? READ ANSWERS LIST UP TO TWO STRUCTURES. IF NONE, RECORD "1" IN BOTH >> 25_2 No erosion control.....1 Terraces.....2 Erosion control bunds.....3 Gabions / Sandbags.....4 Vetiver grass...5 Tree belts.....6 Water harvest drains.....7 Other ditches.....8 Other (Specify)..9
						1ST	2ND	3RD	4TH	5TH					
						1ST	2ND	1ST	2ND						

[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]

[illegible]

[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	

ENUMERATOR: RECORD START DATE & TIME FOR MODULE E:

DAY MONTH HOURS MINUTES

[illegible]

[illegible]

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

COPY COUPON ID CODE, HH ROSTER ID CODE & COUPON TYPE FROM PREVIOUS PAGE.				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			
				Fertilizer coupons				Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations					
Maize seed coupons																
Flexi seed coupons																

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	

	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					

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]

NETWORK ROSTER

NETWORK ROSTER

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:

<input type="text"/>	<input type="text"/>
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]

PLOT ID	CROP CODE	G08	G08_1	G09	G10	G11	G11_1	G11_2	G12	G13	G13_1	G14		
												HH ROSTER ID CODE #1	HH ROSTER ID CODE #2	
												QUANTITY	UNIT	S/U
PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C	PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE D (question 20)	<p>How much [CROP] do you expect to harvest from this [PLOT] during the [REFERENCE RAINY SEASON]?</p> <p>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</p> <p>CODE FOR S/U: S: SHELLED.....1 U: UNSHELLED...2 NOT APPLICABLE.3</p>	<p>Do you intend to sell any of the [CROP] that will be harvested on [PLOT] either in raw or processed form?</p> <p>Yes...1 No...2</p>	<p>How much [CROP] did you harvest from this [PLOT] during the [REFERENCE RAINY SEASON]?</p> <p>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</p> <p>CODE FOR S/U: S: SHELLED.....1 U: UNSHELLED...2 NOT APPLICABLE.3</p>	<p>Was the area harvested less than the area planted?</p> <p>YES..1 NO...2>>12</p>	<p>Why was the area harvested less than the area planted?</p> <p>READ RESPONSES. LIST UP TO 2 REASONS</p> <p>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</p>	<p>What was the main disease affecting the plants in the [PLOT]?</p> <p>ENUMERATOR: ONLY ASK THIS QUESTION IF DISEASE LISTED AS REASON IN G11.</p>	<p>Approximately what percent of [PLOT] planted with [CROP] was harvested?</p> <p>PERCENT OF PLANTED PLOT AREA</p>	<p>What were the months when the harvest started and ended?</p> <p>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</p>	<p>How much [CROP] did you harvest from this [PLOT] during the [REFERENCE RAINY SEASON]?</p> <p>IF NO HARVEST, RECORD ZERO FOR 'QUANTITY' AND >> NEXT ROW.</p> <p>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</p> <p>CODE FOR S/U: S: SHELLED.....1 U: UNSHELLED...2 NOT APPLICABLE.3</p>	<p>What is the estimated value of [CROP] harvested from [PLOT]?</p> <p>MK</p>	<p>Who in the household makes the decision concerning the use of the [CROP] output from [PLOT]?</p> <p>LIST UP TO TWO HOUSEHOLD MEMBERS.</p>		

HOURS	MINUTES

DAY	MONTH	HOURS	MINUTES

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

[illegible]

[illegible]


[illegible]

[illegible]

[LEFT-OVER]	[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 [SEED] that you used during the [REFERENCE RAINY SEASON] left over from a previous season? CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 2 KG BAG.....3 3 KG BAG.....4 3.7 KG BAG.....5 5 KG BAG.....6 10 KG BAG.....7 50 KG BAG....8 OTHER (SPECIFY)....9	H43 Why did you choose to use this [SEED]? READ RESPONSES Improved variety is too expensive.....1 Preference for traditional variety.....2 Advice from extension officer..3 Advice from input supplier.....4 Advice from fellow farmer.....5 Seed received through the voucher program.....6 Other (Specify)...7
YES...1 NO...2>>43	QUANTITY	UNIT (THEN >> NEXT ROW)

ENUMERATOR:
BEFORE MOVING TO THE NEXT MODULE, MAKE SURE THAT THE NUMBER OF SEEDS RECORDED IN THIS MODULE IS EQUAL TO THE NUMBER OF UNIQUE CROP VARIETIES IDENTIFIED IN THE AG-MODULE G.

ENUMERATOR:
RECORD PRIMARY RESPONDENT ID FOR MODULE H:



ID

ENUMERATOR:
RECORD END TIME FOR MODULE H:

HOURS
MINUTES

AG-MODULE I: POST-HARVEST - [RAINY SEASON]

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

DAYMONTH

HOURSMINUTES

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

2017/2018...1

2018/2019...2

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

POST-HARVEST LABOR																	
CROP CODE PRE-POPULATED WITH CROPS THAT ARE LISTED IN MODULE H (CROP/SEED TYPE)	I01_1 ENUMERATOR: RECORD PRIMARY RESPONDENT ID	I00 During the [REFERENCE RAINY 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 I01. 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															
POST-HARVESTING																	
HH ROSTER ID CODE	HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANING	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING/ THRESHING /PEELING	DRYING	CLEANING	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

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

[illegible]

SALES[illegible]

LARGEST BUYER/OUTLET[illegible]

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: SHELL.....1	U: UNSHELLED.....2	NOT APPLICABLE.....3

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

[illegible]

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 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

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: SHELLD.....1	U: UNSHELLED..2	NOT APPLICABLE..3

ENUMERATOR:
RECORD
END TIME
FOR MODULE I:

HOURS	MINUTE

[illegible]

AG-MODULE 1 2: GARDEN DETAILS - [REFERENCE DIMBA SEASON] (CONTINUED)

[illegible]

AG-MODULE | 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 all PLOT on all GARDENS (MUNDA) you or anyone in your household cultivated during the [REFERENCE DIMBA SEASON].														
PLOT ID	J02 PLOT NAME	J03 LOCATION & DESCRIPTION	J03_2 RECORD THE GARDEN THAT THE PLOT IS A PART OF. (PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1)	J04 What is the area 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 AT LEAST TWICE 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				J05 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				J06 ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	J06_1 ENUMERATOR: RECORD GPS ACCURACY	J07 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
				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]

[illegible]

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

[illegible]

[illegible]

HOURS	MINUTES

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

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.

L0A. Did you or anyone in your household cultivate any plots during the [REFERENCE DIMBA SEASON]? YES...1 NO...2>> NEXT MODULE			INPUT TYPE NAME 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 L QUESTION 40. 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. 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.	INPUT TYPE CODE	L01 ENUMERATOR: FOR ROW 101, ORGANIC FERTILIZER (MANURE), ENTER THE TOTAL QUANTITY, AS REPORTED IN MODULE L QUESTION 38. 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. 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. CODES FOR UNIT: GRAM.....1 BUCKET.....10 KILOGRAM....2 WHEELBARROW.11 LITER.....8 OX CART.....12 MILLILITER...9 OTHER (SPECIFY) ...13	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]. YES, THE FIGURES MATCHED...1 NO, THE ENTRIES IN MODULE K, AND QUESTION 1 OF MODULE L WERE ADJUSTED...2	L03 During the [REFERENCE DIMBA SEASON], did all of this [INPUT] come from purchases by using coupons / vouchers? YES...1 >>NEXT ROW NO...2
			QUANTITY	UNIT			

	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						

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

COMMERCIAL [INPUT] PURCHASES

[illegible]

[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]

ENUMERATOR:
RECORD
PRIMARY
RESPONDENT
ID FOR MODULE M

ID

ENUMERATOR:
RECORD
END TIME
FOR MODULE M.

HOURS	MINUTES

[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		HH ROSTER ID CODE #1	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING / THRESHING / PEELING	DRYING	CLEANING	PROCESSING (MILLING, GRINDING, GRATING, COOKING, OIL)	HH ROSTER ID CODE #2	WEEKS	DAYS / WEEK	HOURS / DAY	SHELLING / THRESHING / PEELING	DRYING	CLEANING	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

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 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 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 <u>[LARGEST BUYER/ OUTLET]</u> 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 value</u> of [CROP] 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</u> of [CROP] sales to [SECOND LARGEST BUYER/ OUTLET]?	O23 Who in your household <u>kept/decided</u> what to do with these earnings? LIST UP TO 2 FROM HOUSEHOLD ROSTER		
	NUMBER OF TRANSACTIONS				YES...1 NO...2>>31	NETWORK ROSTER ID CODE	QUANTITY	UNIT	S/U		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 <u>transactions</u> took place while selling [CROP] TO [SECOND LARGEST BUYER/ OUTLET]?	O26 What was the <u>main mode of transportation</u> associated with the [CROP] sales to [SECOND LARGEST BUYER/OUTLET]?	O27 What was the <u>total 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]?	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	O39	O40	O41	O42					
	Do you have any of the harvested [CROP] in <u>storage</u> now?	What is your <u>main 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	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.	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	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)					
	YES..1 NO...2>>42									
		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 &

DAY	MONTH	HOURS	MINUTES

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		O_2_05		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
				What is the <u>area</u> of this [PLOT]?		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.				
				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 REASON:				
				CODES FOR UNIT:						
a.		b.		a.		b.		REASON		
FARMER ESTIMATION		GPS MEASURE		LATITUDE (S)		LONGITUDE (E)				
AREA		UNIT		AREA IN ACRES						
T01										
T02										
T03										
T04										
T05										
T06										
T07										
T08										

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE O-2:

ENUMERATOR: RECORD END TIME FOR MODULE O-2:

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]

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

NOTE: CONCERNING PANEL HOUSEHOLDS. ALL QUESTIONS ARE ADMINISTERED BY THE **ENUMERATOR**: RECORD START DATE & TIME FOR MODULE Q:

DAY	MONTH	HOURS	MINUTE

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.

[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]

[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]?	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	
			YES...1 NO....2 >> NEXT ROW	MAIN PURPOSE	SECOND PURPOSE	NUMBER	NUMBER	LIVESTOCK BREED	NUMBER	LIVESTOCK BREED	MK	HH ROSTER ID CODE # 1	HH ROSTER ID CODE # 2
		HHID CODE											
301	CALF												
302	STEER/HEIFER												
303	COW												
304	BULL												
3304	OX												
3305	DONKEY/MULE/HORSE						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 hired labor 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 animal feed 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 medicine and vaccinations 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 other veterinary services, 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 any other input 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
 Amaplasmosis.....2
 Brucellosis.....7
 Mange.....18
 New Castle Disease.....20
 Small Pox.....22
 Other/Specify.....25

ENUMERATOR:
 RECORD
 END TIME
 FOR MODULE R:

HOURS	MINUTES

DAY MONTH HOURS MINUTE

[illegible]

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)
			QUANTITY	UNIT	QUANTITY	UNIT	QUANTITY	UNIT	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

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-VACCINNATION.....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**SCIENTIFIC NAME**

SENNA SIAMEA (KHESYA WAMILIMO) ... 2001
 ACACIA GALPINI (NKUNGU) 2002
 ACACIA POLYACANTHA (MTHETE)..... 2003
 GRILIRICIDIA SEPIUM..... 2004
 ALBIZIA LEBBECK
 (MTANGATANGA) 2005
 AZADIRACHTA INDICA (NIMU) 2006
 OTHERS) 2007

FERTILIZER TREES**SCIENTIFIC NAME**

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

FODDER TREES**SCIENTIFIC 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