

MODULE A-2: SURVEY STAFF DETAILS

VISIT 1

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:

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A19. SUPERVISOR NAME:

A20. DATE OF INSPECTION:

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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.

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:

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A28. SUPERVISOR NAME:

A29. DATE OF INSPECTION:

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

PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1 AND THAT ARE CULTIVATED DURING THE RAINY SEASON.	RENTED OUT															
	B_2_15	B_2_16				B_2_17		B_2_18				B_2_19				B_2_20
	ENUMERATOR: IS THIS A CROSS-SECTIONAL HOUSEHOLD?	How much output from this [GARDEN] did you receive as rent, if any, in the [REFERENCE RAINY SEASON]? ENTER ZERO FOR "QUANTITY" IF NO OUTPUT WAS RECEIVED AS RENT, AND CONTINUE TO 17. IF MORE THAN TWO CROPS WILL BE RECEIVED, ASK ABOUT THE MAIN CROP. CODES FOR UNIT: CODE FOR S/U: KILOGRAM.....1 S:SHELLED.....1 50 KG BAG.....2 U:UNSHELLED...2 PAIL (SMALL)....4 NOTAPPLICABLE.3 PAIL (LARGE)....5 NO. 10 PLATE....6 NO. 12 PLATE....7 BUNCH.....8 PIECE.....9 OX-CART.....12 OTHER (SPECIFY).....13				How much did you receive from renting out this [GARDEN] in the [REFERENCE RAINY SEASON]? ENTER ZERO IF NOTHING WAS RECEIVED AS RENT. EXCLUDE RECEIPTS BY CROP OUTPUT IF ONE TYPE OF CROP IS TO BE RECEIVED AS RENT. ESTIMATE THE VALUE OF IN-KIND RECEIPTS. IF MORE THAN ONE TYPE OF CROP WAS RECEIVED AS		How much output from this [GARDEN] are you supposed to receive as rent, if any, in the [REFERENCE RAINY SEASON] rainy season? ENTER ZERO FOR "QUANTITY" IF NO OUTPUT WILL BE RECEIVED AS RENT. IF MORE THAN TWO CROPS WILL BE RECEIVED, ASK ABOUT THE MAIN CROP. CODES FOR UNIT: CODE FOR S/U: KILOGRAM.....1 S:SHELLED.....1 50 KG BAG.....2 U:UNSHELLED...2 PAIL (SMALL)....4 NOTAPPLICABLE.3 PAIL (LARGE)....5 NO. 10 PLATE....6 NO. 12 PLATE....7 BUNCH.....8 PIECE.....9 OX-CART.....12 OTHER (SPECIFY).....13				How much did you already receive from renting out this [GARDEN] in the [REFERENCE RAINY SEASON]? ENTER ZERO IF NOTHING HAS BEEN RECEIVED. ESTIMATE THE VALUE OF IN-KIND RECEIPTS. How much are you still supposed to receive from renting out this [GARDEN] in the [REFERENCE RAINY SEASON]? ENTER ZERO IF NOTHING WILL BE RECEIVED .ESTIMATE THE VALUE OF IN-KIND RECEIPTS. EXCLUDE RECEIPTS BY CROP OUTPUT IF ONE TYPE OF CROP IS TO BE RECEIVED AS RENT. IF MORE THAN ONE TYPE OF CROP WILL BE RECEIVED, INCLUDE AS PART OF IN-KIND RECEIPTS THE VALUE OF CROPS OTHER THAN THE ONE RECORDED IN QUESTION 18.				What period of time did this payment cover? READ ANSWERS
YES...1 NO.....2>>B_2_18	CROP TYPE	QUANTITY	UNIT	S/U	CASH	IN-KIND	CROP TYPE	QUANTITY	UNIT	S/U	CASH	IN-KIND	CASH	IN-KIND	ALREADY RECEIVED	TO BE RECEIVED

Rainy Season.....1
Full Year (Rainy & Dimba Seasons)...2
Other (Specify)...3

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

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

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 PLOTS on all GARDENS (MUNDA) that you or anyone in your household owned or cultivated during the [REFERENCE RAINY SEASON].

GARDEN ID <small>PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F.1 AND THAT ARE CULTIVATED DURING THE RAINY SEASON.</small>	C01	C02	C03	C04	C05	C06	C06_1	C07				
	PLOT ID	PLOT NAME	LOCATION & DESCRIPTION	What is the area of this [PLOT]? <small>ENUMERATOR: ASK THE FARMER TO ESTIMATE THE AREA FIRST. MEASURE THE AREA WITH THE GPS BEFORE PROCEEDING 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.</small> <small>CODES FOR UNIT:</small> ACRE.....1 HECTARE.....2 SQUARE METERS...3 YARDS.....4 OTHER (SPECIFY)..5	<small>ENUMERATOR: RECORD THE COORDINATES FOR THE CORNER OF THE PLOT AT WHICH YOU STARTED AREA MEASUREMENT.</small> <small>IF YOU DID NOT RECORD THE GPS COORDINATES, PLEASE SPECIFY REASON.</small> <small>CODES FOR REASON:</small> LONG DISTANCE WITHIN THIS DISTRICT.....1 LONG DISTANCE OUTSIDE THIS DISTRICT.....2 HOUSEHOLD REFUSED.....3 OTHER (SPECIFY).....4	<small>ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES</small>	<small>ENUMERATOR: RECORD GPS ACCURACY</small>	<small>ENUMERATOR: RECORD THE WEATHER CONDITIONS AT TIME OF MEASUREMENT</small> <small>CODES FOR CONDITION:</small> Clear/Sunny...1 Mostly Clear / Mostly Sunny...2 Partly Cloudy / Partly Sunny...3 Mostly Cloudy / Considerable Cloudiness...4 Completely Cloudy.....5 Rainy.....6				
	a. FARMER ESTIMATION		b. GPS MEASURE		REASON							
	AREA	UNIT	AREA IN ACRES	LATITUDE (S)	LONGITUDE (E)							
					0							
					0							
					0							
					0							
					0							
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					0							

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE C: ID
 ENUMERATOR: RECORD END TIME FOR MODULE C: HOURS MINUTES

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

PLOT ID <small>PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE C</small>	D57	D58	D59	D60	D61	D61_1	D62	D63	D64	D65	D66	D67	D67_1	D68	D68_1	D69	D70
	Did you cultivate this [PLOT] during the previous rainy season?	At the end of the previous rainy season (before planting season for the reference rainy season), did you have cover crops remaining on the [PLOT]?	What type of cover crop was left on [PLOT]?	What did you do with the crop residues from this [PLOT] after the previous harvest?	In what month during the previous year was [PLOT] burned?	What percentage of the [PLOT] was covered by the residues after harvest?	How did you prepare land for planting on [PLOT] during the [REFERENCE RAINY SEASON]?	What implements did you use to prepare land for planting on [PLOT] during the [REFERENCE RAINY SEASON]?	In what year did you first begin using the [PREPARATION PRACTICE] practice on [PLOT]?	How many of your neighbors and relatives have invested in agro-forestry?	How many of your neighbors and relatives have ever practiced zero or minimum tillage?	How many of your neighbors and relatives use cover crops or mulches?	How many of your neighbors and relatives cultivate legumes together with other crops on the same plot?	Have you invested in soil and water erosion control structures (e.g. stone bunds, terraces, drainage ditches)?	How many of your neighbors and relatives have invested in soil and water erosion control structures (e.g. stone bunds, terraces, drainage ditches)?	What crop was planted in this [PLOT] following the previous rainy season?	What crop do you plan to plant in this [PLOT] after the next rainy season?
	YES..1 NO..2>> 62	YES..1 NO..2>> 60	Mucuna (Velvet beans/Kalongonda).....1 Pigeon Pea (Nandolo).....2 Lablab (Dolichos beans/nkhungudzu).....3 Sesbania Sesbans (Jerejere).....4 Cow Peas (Khobwe/Nseula).....5 Chick Pea (Tchana).....6 Peas (Nsawawa).....7 Other (Specify).....8	Left in field and then ploughed/incorporated in to the field.....1>>61_1 Left in the field as a cover and not ploughed in.2>>61_1 Burned in the field.....3 Cut and removed from the field and fed to animals.....4>>61_1 Cut and removed from the field for HH use.....5>>61_1 Grazed by animals.....6>>61_1	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	ENUMERATOR: SEE PHOTO AID	Traditional Ridging.....1 Tied ox Box Ridging.....2 Planting Pits...3 >> 64 Zero Tillage...4 >> 64 Ripping.....5 Minimum Tillage (only part of field tilled; e.g. in zones or strips /contours).....6 Other (Specify).....7	Hand Hoe.....1 Animal, mouldboard plough.....2 Animal, disc plough.....3 Animal, ripper.....4 Tractor, mouldboard plough.....5 Tractor, disc plough.....6 Tractor, ripper.....7 Other (Specify).....8	During last 12 months.....1 2 years ago...2 3 years ago...3 4 years ago...4 5 years ago...5 More than 5 years ago.....6	NUMBER	NUMBER	NUMBER	NUMBER	YES..1 NO..2	NUMBER	CROP CODE	CROP CODE

ENUMERATOR: RECORD PRIMARY RESPONDENT ID FOR MODULE D: ID

ENUMERATOR: RECORD END TIME FOR MODULE D: HOURS MINUTES

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

COUPON ID CODE		HH ROSTER ID CODE	COUPON TYPE	NETWORK ROSTER ID CODE	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. 1 Did not have enough money to buy inputs. 2 Input supplier was too far / inaccessible..... 3 accessible input supplier did not have the input. 4 coupon was obtained too late..... 5 preferred cash / other items 6 other (Specify).....	E27 Did your household obtain any FERTILIZER or MAIZE SEED coupons in the following previous rainy seasons? YES....1 NO....2	FERTILIZER COUPONS				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 >>	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
1ST	2ND	2014/2015	2015/2016	2016/2017	2017/2018	NEXT ROW				Open Forum Allocation	Open Forum Distribution	Redistribution Following Open Forum	Later Supplementary Allocations					
501																		
502																		
503																		
504																		
505																		
506																		
507																		
508																		

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	□
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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.

A.	INPUT TYPE NAME	INPUT TYPE CODE	F01	F02	F03
Did you or anyone in your household cultivate any plots during the [REFERENCE RAINY SEASON]? YES...1 NO...2>> NEXT MODULE	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 THEYMAY 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.		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.	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	During the [REFERENCE RAINY SEASON], did all of this [INPUT] come from purchases by using coupons / vouchers? YES...1 >> NEXT ROW NO...2
			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)

		LEFT-OVER [INPUT]		OWN-PRODUCED ORGANIC FERTILIZER	
INPUT TYPE NAME	INPUT TYPE CODE	F41	F42	F43	F44
		Was any of the [INPUT] that you used during the [REFERENCE RAINY SEASON] left over from a previous season?	How much of the [INPUT] that you used during the [REFERENCE RAINY SEASON] was left over from a previous season?	Did you use any ORGANIC FERTILIZER out of own-production or own animals during the [REFERENCE RAINY SEASON]?	How much of the ORGANIC FERTILIZER was used out of own-production or own animals during the [REFERENCE RAINY SEASON]?
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> COPY INPUT TYPE NAME & INPUT TYPE CODE FROM PREVIOUS PAGE. </div>		YES..1 NO...2> 43	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 >> NEXT ROW	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
		QUANTITY	UNIT	QUANTITY	UNIT
101	ORGANIC FERTILIZER	X			
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

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	J03	J03_2	J04	J05	J06	J06_1	J07
	PLOT NAME	LOCATION & DESCRIPTION	RECORD THE GARDEN THAT THE PLOT IS A PART OF. (PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1)	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 AT LEAST TWICE 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	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	ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	ENUMERATOR: RECORD GPS ACCURACY	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. FARMER ESTIMATION		b. GPS MEASURE		a. LATITUDE (S)		b. LONGITUDE (E)	
AREA	UNIT	AREA IN ACRES						

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)

PLOT ID PRE-POPULATED WITH PLOTS THAT ARE LISTED IN MODULE J	HOUSEHOLD LABOUR						LAND PREPARATION AND PLANTING															
	PESTICIDES/HERBICIDES # 1			PESTICIDES/HERBICIDES # 2			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
	TYPE	QUANTITY	UNIT	TYPE	QUANTITY	UNIT																
K42 How much pesticides/ herbicides did you apply to this [PLOT]? FOR PESTICIDES/HERBICIDES THAT WERE DISSOLVED IN WATER/OTHER SOLUTION, RECORD THE QUANTITY OF PESTICIDES/HERBICIDES IN LIQUID FORM. CODES FOR TYPE: INSECTICIDE.....7 HERBICIDE.....8 FUNGICIDE.....9 FUMIGANT.....10 OTHER PESTICIDE/ HERBICIDE (SPECIFY) ..11 CODES FOR UNIT: GRAM.....1 KILOGRAM.....2 LITER.....8 MILLILITER.....9 OTHER (SPECIFY).....13	K43						K43															
	How much pesticides/ herbicides did you apply to this [PLOT]?						During the [REFERENCE DIMBA SEASON], please list for me the household members that worked on this [PLOT] for land preparation and/or planting.															
	FOR PESTICIDES/HERBICIDES THAT WERE DISSOLVED IN WATER/OTHER SOLUTION, RECORD THE QUANTITY OF PESTICIDES/HERBICIDES IN LIQUID FORM.						RECORD THE ID CODES FROM THE HOUSEHOLD ROSTER.															
							IF NO ONE ENGAGED IN LAND PREPARATION AND/OR PLANTING, RECORD ZERO IN ALL COLUMNS DESIGNATED FOR "WEEKS" AND CONTINUE TO 44.															
							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?															

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?

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>LOA. 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>INPUT TYPE CODE</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>L01</p> <p>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</p> <p>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</p> <p>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>
				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 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

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 PLOTS on all GARDENS (MINDA)** you or anyone in your household **owned** or **cultivated** during **the last 12 months**.

PLOT ID	O_2_02	O_2_03	O_2_03_2	O_2_04	O_2_05		O_2_06	O_2_06.1	O_2_07			
	PLOT NAME	LOCATION & DESCRIPTION	RECORD THE GARDEN THAT THE PLOT IS A PART OF. (PRE-POPULATED WITH GARDENS THAT ARE LISTED IN HOUSEHOLD QUESTIONNAIRE MODULE F_1)	What is the <u>area</u> of this [PLOT]?	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		ENUMERATOR: RECORD NUMBER OF SATELLITES GPS TRACKED TO CAPTURE PLOT COORDINATES	ENUMERATOR: RECORD GPS ACCURACY	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. FARMER ESTIMATION		b. GPS MEASURE		a.	b.	REASON					
AREA		UNIT		AREA IN ACRES		LATITUDE (S)		LONGITUDE (E)		REASON		

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 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 and 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
 Anaplasmosis.....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 gifts or reimbursements for land, labour or any other service received? 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 reimbursements for inputs borrowed or acquired on credit? 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 went bad/rotten and had to be thrown away? 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 any 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 total value of these additional expenses? (THEN >> NEXT ROW)
			NETWORK ROSTER ID CODE # 1	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	T02	T03
		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	What was the <u>main source</u> of the advice on [TOPIC]? SOURCE	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]?	T06 How many times did someone from [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 visit or meet with the [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?	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	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	Yes..1 No...2	TOTAL NUMBER OF VISITS	NUMBER OF SOLICITED VISITS	NUMBER	NUMBER	Yes..1 No...2>>11	MK	
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-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
SDF.....	8
ORIENTAL.....	9
OTHER TOBACCO	
(SPECIFY)_____	.10
GROUNDNUT	
CHALIMBANA.....	11
CG7.....	12
MANI-PINTAR.....	13
MAWANGA.....	14
JL24.....	15
OTHER GROUNDNUT	
(SPECIFY)_____	.16
RICE	
LOCAL.....	17
FAYA.....	18
PUSA.....	19
TCG10.....	20
IET4094 (SENGA) ..	21
WAMBONE.....	22
KILOMBERO.....	23
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
 GRLIRICIDIA SEPIUM..... 2004
 ALBIZIA LEBBECK
 (MTANGATANGA)2005
 AZADIRACHTA INDICA (NIMU)2006
 OTHERS) 2007

FERTILZER TREES

SCIENTIFIC 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

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

LIVESTOCK 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