



CONFIDENTIAL

ZIMBABWE

Ministry of Agriculture, Mechanization and Irrigation Development (MAMID)

Zimbabwe National Statistics Agency (ZIMSTAT)

Agricultural Productivity Module of the Poverty, Income, Consumption and Expenditure Survey

FIRST ROUND 2017

THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.



SECTION A: HOUSEHOLD IDENTIFICATION

	Name	Code
1. PROVINCE		
2. DISTRICT		
3. WARD		
4a. SECTOR		
4b. IF RESETTLEMENT AREA, INDICATE THE MODEL TYPE		

SECTOR CODES
COMMUNAL ...1
SSCF.....2
RESETTLEMENT
AREA.....4

MODEL TYPE CODES
A1.....1
OLD RESETTLEMENT
AREA.....2

5. EA CODE	
6. HOUSEHOLD ID	
7. PICES INTERVIEW MONTH	

8. NAME OF HOUSEHOLD HEAD	
9. PHYSICAL ADDRESS OF HOUSEHOLD	
10. NAME & CODE OF ENUMERATOR	
11. DATE OF INTERVIEW (DAY/MONTH/YEAR)	/ / 2017
12. NAME & CODE OF TEAM LEADER	
13. NAME & CODE OF DATA ENTRY OPERATOR	

AGRICULTURE HOUSEHOLD SCREENING QUESTIONS

A. Since the beginning of the agricultural season 2016/2017, did you or any member of your household cultivate any land?	YES...1 NO....2
B. Between January 1, 2016 and December 31, 2016, did you or any member of your household own any livestock?	YES...1 NO....2
ENUMERATOR: CHECK A & B. ARE THEY BOTH 'NO' (2)? YES...1 (END THE INTERVIEW) NO....2	

STATUS OF QUESTIONNAIRE	RESPONSE STATUS
	COMPLETED1 NOT AT HOME.....2 POSTPONED.....3 REFUSED.....4 PARTLY COMPLETED.....5 INCAPACITATED.....6 NOT AN AG HOUSEHOLD....7 OTHER (SPECIFY)8

HOUSEHOLD MEMBERS	
MALES	
FEMALES	
TOTAL	

QUESTIONNAIRE ____ OF TOTAL ____

TABLE OF CONTENTS

	PAGE		PAGE
ENUMERATOR'S OBSERVATIONS.....	3	AG11: TREE & PERMANENT CROPS	33
HH1: HOUSEHOLD ROSTER.....	4	TREE & PERMANENT CROPS FLAP.....	34
PARCEL AND PLOT SKETCH.....	5	AG12: PERMANENT HIRED LABOUR	35
AG1: PARCEL ROSTER.....	6	AG13: ANIMAL HOLDINGS	36
AG2: PARCEL DETAILS.....	8	ANIMAL HOLDINGS FLAP.....	40
PARCEL FLAP.....	9	AG14A: PASTURE	41
AG3: PLOT ROSTER	10	AG14B: ANIMAL COSTS & PRODUCTION SYSTEMS	42
AG4: PLOT DETAILS	11	ANIMAL COSTS FLAP.....	44
AG5: AGRICULTURAL LABOUR	17	AG15: AGRICULTURAL BY-PRODUCT	45
AG6: GPS MEASUREMENTS	23	AGRICULTURAL BY-PRODUCT FLAP.....	47
PLOT FLAP.....	24	AG16: AGRICULTURAL CAPITAL	48
AG7: FIELD CROPS	25	AGRICULTURAL CAPITAL FLAP	51
AG8: SEED ACQUISITION	26	AG17: FOOD SECURITY	52
CROPS ON PLOT FLAP.....	28	AG18: DIETARY DIVERSITY	53
AG9: PURCHASED SEEDS	29	AG19: USE RIGHTS FOR LAND HOLDINGS	54
AG10: EXPECTED SALES FOR FIELD CROPS	31	AG20: CONTACT INFORMATION	55
CROPS FLAP.....	32	CROP CODES	56

ENUMERATOR'S OBSERVATIONS

COMMENTS ABOUT INTERVIEW:

COMMENTS ABOUT SPECIFIC QUESTIONS:

ANY OTHER COMMENTS:

AGE DETERMINATION TABLE

First Three Digits Of The Year	The age of somebody born in an identified year if his/her birthday is on or before the survey date, is the figure in the top left of a given box; if the birthday is after the survey date, the lower figure applies.									
	0	1	2	3	4	5	6	7	8	9
191	-	-	-	-	-	-	-	-	-	97
192	97 96	96 95	95 94	94 93	93 92	92 91	91 90	90 89	89 88	88 87
193	87 86	86 85	85 84	84 83	83 82	82 81	81 80	80 79	79 78	78 77
194	77 76	76 75	75 74	74 73	73 72	72 71	71 70	70 69	69 68	68 67
195	67 66	66 65	65 64	64 63	63 62	62 61	61 60	60 59	59 58	58 57
196	57 56	56 55	55 54	54 53	53 52	52 51	51 50	50 49	49 48	48 47
197	47 46	46 45	45 44	44 43	43 42	42 41	41 40	40 39	39 38	38 37
198	37 36	36 35	35 34	34 33	33 32	32 31	31 30	30 29	29 28	28 27
199	27 26	26 25	25 24	24 23	23 22	22 21	21 20	20 19	19 18	18 17
200	17 16	16 15	15 14	14 13	13 12	12 11	11 10	10 09	09 08	08 07
201	07 06	06 05	05 04	04 03	03 02	02 01	01 00	00		

HOUSEHOLD ROSTER

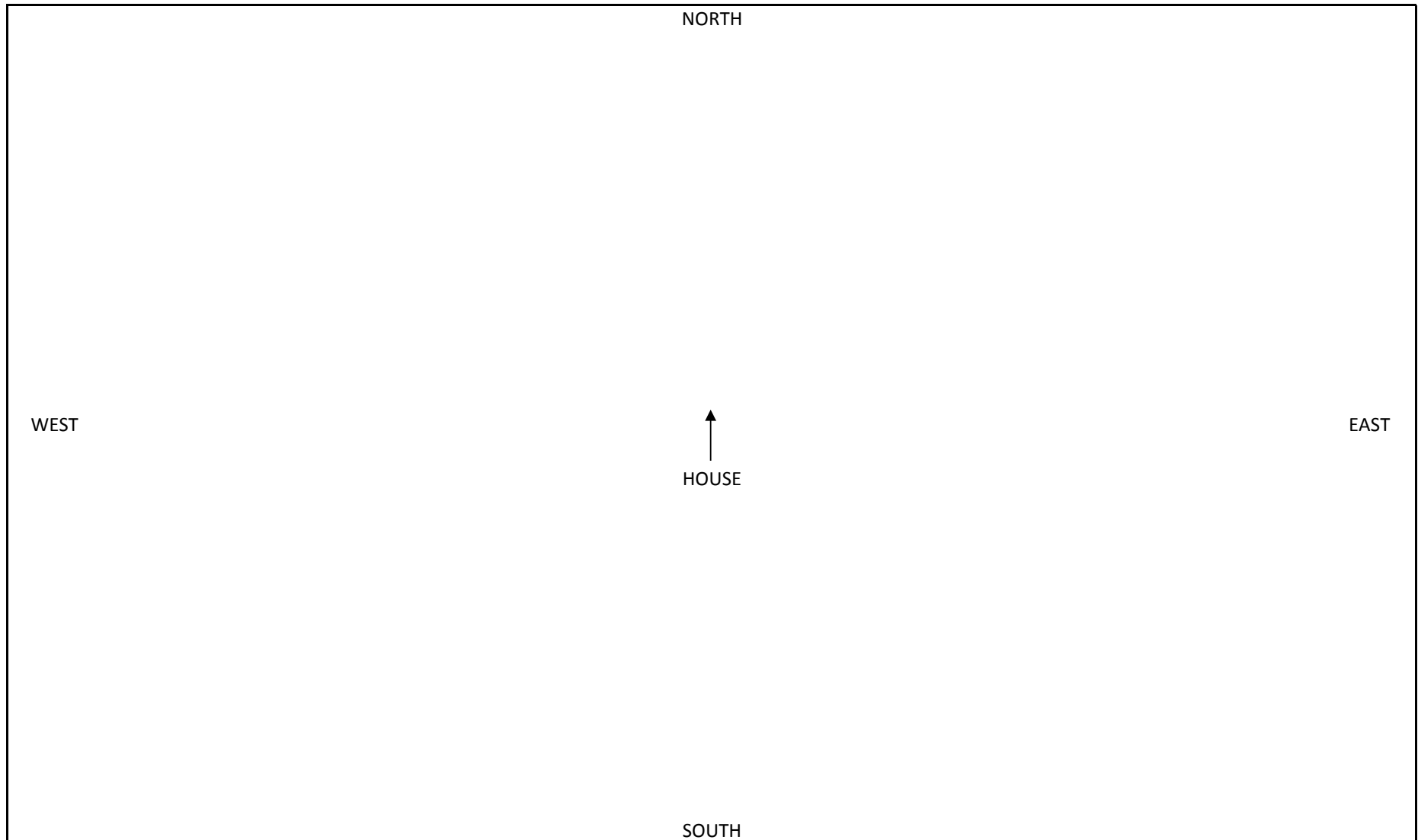
	1.	2.	3.	4.	5.	6.
I N D I V I D U A L	HOUSEHOLD MEMBER NAMES <div> <p>LIST HOUSEHOLD HEAD ON LINE 1. MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO USUALLY LIVE AND EAT THEIR MEALS TOGETHER IN THIS HOUSEHOLD, STARTING WITH THE HEAD OF HOUSEHOLD.</p> <p>INCLUDE ALL HOUSEHOLD MEMBERS THAT MAY BE TEMPORARILY ABSENT BUT PARTICIPATE REGULARLY IN THE HOUSEHOLD AGRICULTURAL ACTIVITIES.</p> <p>(CONFIRM THAT HOUSEHOLD HEAD HERE IS SAME AS HOUSEHOLD HEAD LISTED ON IDENTIFICATION PAGE.)</p> </div>	What is the sex of [NAME]? MALE.....1 FEMALE..2	What is the relationship of [NAME] to the head of the household? HEAD1 SPOUSE2 SON/DAUGHTER3 BROTHER/SISTER4 ADOPTED/FOSTER/STEPCHILD...5 NEPHEW/NIECE/COUSIN6 GRANDCHILD7 PARENT8 STEP-PARENT9 PARENT IN-LAW10 SON/DAUGHTER IN-LAW11 OTHER RELATIVE12 LIVE-IN DOMESTIC WORKER13 NOT RELATED14 OTHER (SPECIFY)15	How old is [NAME]? RECORD AGE IN COMPLETED YEARS IF LESS THAN 1 YEAR OLD, RECORD '0' IF GREATER THAN 97 YEARS OLD, RECORD '97' <div>YEARS</div>	Has [NAME] worked on crop farming or livestock production activities during the past 30 days? YES.....1 ► NEXT PERSON) NO.....2	What is the main reason [NAME] did not work on crop farming or livestock production activities during the past 30 days? SICK1 DISABLED2 INJURED.....3 AT SCHOOL4 AWAY FROM HOME.....5 TOO OLD6 WORK NOT NEEDED.....7 BUSY WITH OTHER WORK8 TOO YOUNG9 AT BOARDING SCHOOL.....10 OTHER (SPECIFY)11

1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

PARCEL AND PLOT SKECTCH

PARCEL AND PLOT SKECTCH

ENUMERATOR: SKETCH PARCELS AND PLOTS THAT HOUSEHOLD OWNS OR HAS ACCESS TO SINCE THE BEGINNING OF THIS AGRICULTURAL SEASON 2016/2017 WITH RESPECT TO THE HOMESTEAD



SECTION 1: PARCEL ROSTER

1. What is the total area of all your land holdings (including owned, rented in, borrowed for free, sharecropped in, and left fallow)? ASK THE FARMER TO ESTIMATE THE AREA. <div style="text-align: center;"> <u>UNITS</u> ACRES.....1 HECTARES.....2 SQUARE METERS....3 </div>		2a. Of all your land holdings, what is the total area of the arable land? ASK THE FARMER TO ESTIMATE THE AREA. <div style="text-align: center;"> <u>UNITS</u> ACRES.....1 HECTARES.....2 SQUARE METERS....3 </div>		2b. How many parcels does your household own or has access to?
<div style="text-align: center;"> NUMBER </div>		<div style="text-align: center;"> UNIT </div>		<div style="text-align: center;"> NUMBER </div>
<div style="text-align: center;"> <input type="text"/> </div>	<div style="text-align: center;"> <input type="text"/> </div>	<div style="text-align: center;"> <input type="text"/> </div>	<div style="text-align: center;"> <input type="text"/> </div>	<div style="text-align: center;"> <input type="text"/> </div>

SECTION 1: PARCEL ROSTER (CONTINUED)**OPEN PARCEL FLAP**

P A R C E L I D	3.	4.	5.		6.
	Please provide a short description for this [PARCEL] THIS SHOULD BE DESCRIPTIVE ENOUGH SO THAT ANY HOUSEHOLD MEMBER CAN LOCATE THE PARCEL IN THE FUTURE	What sector type is this [PARCEL]? ASK THE FARMER SMALL SCALE COMMERCIAL FARMING AREA.....1 ►Q6 A1.....2 ►Q6 OLD RESETTLEMENT SCHEMES.....3 ►Q6 COMMUNAL.....4 A2.....5 ►Q6 LARGE SCALE COMMERCIAL FARMING AREA.....6 ►Q6 OTHER (SPECIFY).....7 ►Q6	Under whose name(s) is this land registered with the village leader? APPLIES TO ONLY COMMUNAL LAND RECORD HH ROSTER ID IF NON-HOUSEHOLD MEMBER, RECORD '97' LIST UP TO 2	ID CODE	ID CODE
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

SECTION 2: PARCEL DETAILS**OPEN PARCEL FLAP****OWNED PARCELS**

P A R C E L I D	ENUMERATOR: IS THIS PARCEL A COMMUNAL LAND?	1.	2.	3.	4.	5.	6.	7.
		Is any of the owner(s) of this [PARCEL] a household member?	Who in your household is (/are) the owner(s) of this [PARCEL]?	Which non-household member(s) owns(/own) this [PARCEL]?	Do you or any other household members have an OWNERSHIP DOCUMENTATION that verifies the Rights of Occupancy to this [PARCEL]?	What type of OWNERSHIP DOCUMENTATION does your household have for this [PARCEL]?	Under whose name(s) did you acquire OWNERSHIP DOCUMENT for this [PARCEL]?	Why have you or any other household member <u>NOT</u> acquired an OFFER LETTER or OWNERSHIP DOCUMENT that verifies the Rights of Occupancy to this [PARCEL]?
		IF OWNED BY ENTIRE HOUSEHOLD, RECORD '97' IN THE FIRST COLUMN RECORD HH ROSTER ID RECORD UP TO 2 MEMBERS	SPOUSE LIVING ELSEWHERE.....1 RELATIVE.....2 NON-RELATIVE.....3 NONE.....4	LEASE WITH OPTION TO PURCHASE (LWOP)...1 TITLE DEEDS.....2 A1 OFFER LETTER.....3 A1 SETTLEMENT PERMIT.4 PERMIT.....5 OTHER (SPECIFY).....6	IF ENTIRE HOUSEHOLD, RECORD '97' IN THE FIRST COLUMN RECORD HH ROSTER ID RECORD UP TO 3 MEMBERS (► NEXT PARCEL)	TOO EXPENSIVE.....1 DO NOT KNOW WHERE OR HOW TO APPLY....2 GOVERNMENT OWNED....3 OWNED BY NON-HOUSEHOLD MEMBER4 OTHER (SPECIFY).....5		
YES.....1 (► NEXT PARCEL) NO.....2	YES.....1 NO.....2 (► Q3)	ID CODE ID CODE		YES.....1 NO.....2 (► Q7)	ID CODE ID CODE ID CODE			

1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

P A R C E L F L A P

PARCEL FLAP
FOR SECTION 1 & 2

P A R C E L I D	Please list all PARCELS your household owns or has access to since the beginning of this agricultural season 2016/2017. THE NAME SHOULD BE SUCH THAT ALL HOUSEHOLD MEMBERS CAN IDENTIFY THE PARCEL WHEN GIVEN THIS NAME
	PARCEL NAME

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

SECTION 3: PLOT ROSTER

OPEN PLOT FLAP

[illegible]

SECTION 4: PLOT DETAILS**OPEN PLOT FLAP**

			RENTED IN							
1.	2.	3.	4.	5.	6.	7.	8.	9.		
ENUMERATOR: CHECK PLOT ROSTER, Q4: IS ONE OF THE DECISION MAKERS OF THIS PLOT ANSWERING FOR THIS PLOT?	ENUMERATOR: WHO IS THE PERSON IN THE HOUSEHOLD RESPONDING ABOUT THIS PLOT?	In what capacity does your household use [PLOT]? OWNED BY HOUSEHOLD (PURCHASED WITH OR WITHOUT TITLE, FAMILY INHERITANCE, GIFT, BRIDE PRICE, FAMILY ALLOCATED)1 ▶Q10 GRANTED/ALLOCATED BY LOCAL/COMMUNITY LEADERS.....2 ▶Q10 PROVIDED BY GOVERNMENT.....3 ▶Q10 RENTED SHORT-TERM.....4 SHARECROPPING5 ▶Q10 BORROWED FOR FREE.....6 ▶Q10 MOVED IN WITHOUT PERMISSION.....7 ▶Q10 OTHER (SPECIFY).....8 ▶Q10	Since the beginning of this agricultural season 2016/2017, how much have you or other members of the household paid, in <u>CASH</u> , for renting this [PLOT]? ROUND UP TO THE NEAREST DOLLAR	Since the beginning of this agricultural season 2016/2017, how much have you or other members of the household paid, <u>IN-KIND</u> , for renting this [PLOT]? ROUND UP TO THE NEAREST DOLLAR	Who in the household has use rights or negotiated the contract for this rented [PLOT]? RECORD ID FROM HH ROSTER RECORD UP TO 2	Which other non-household member(s) has(have) use rights/negotiated the contract for this rented [PLOT]? SPOUSE LIVING ELSEWHERE.....1 RELATIVE.....2 NON-RELATIVE....3 NONE.....4	How was the rental agreement established for this rented [PLOT]? FORMAL, WRITTEN.....1 ORAL WITH WITNESS.....2 ORAL WITHOUT WITNESS.....3 OTHER (SPECIFY).....4	What type of rental agreement was made for this [PLOT] with the landholder? CASH (FIXED) RENTAL.....1 SHARECROP.....2 TEMPORARY LAND EXCHANGE.....3 OTHER (SPECIFY).....4		
YES.....1 (▶ Q3) NO.....2	ID CODE		USD	USD	ID CODE	ID CODE				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

	USE			RENTED OUT						
	10.	11.	12.	13.	14.	15.	16.	17.	18.	
D E L I N E	Since the beginning of this agricultural season 2016/2017, did anyone in the household cultivate this [PLOT]?	What was the main use of the [PLOT]?	How many years was [PLOT] left fallow?	What was the size of the [PLOT] rented out during this agricultural season 2016/2017?	How much was your household paid, IN CASH, for the rental of this [PLOT]?	How many months did this cash payment for the rental of this [PLOT] cover?	What was the value, in USD, of any IN-KIND payment you received for the rental of this [PLOT] ?	How many months did this in-kind payment for the rental of this [PLOT] cover?	What is the duration of the contract in YEARS for [PLOT]?	
	YES.....1 (► Q20) NO.....2	LEFT FALLOW.....1 RENTED OUT.....2 ►Q13 SHARECROPPED OUT...3 ►Q19 GIVEN OUT FOR FREE.4 ►Q20 FOREST/WOODLOT5 ►Q20 PASTURE6 ►Q20 OTHER (SPECIFY)....7 ►Q20	(► Q20)	UNITS ACRES.....1 HECTARES.....2 SQUARE METERS....3	IF NONE, RECORD '0' AND (► Q16) ROUND UP TO THE NEAREST DOLLAR		IF NONE, RECORD '0' AND (► Q18) ROUND UP TO THE NEAREST DOLLAR		IF LESS THAN 1 YEAR, RECORD '0' IF UNKNOWN, RECORD '99' AND (► Q20)	
			YEARS	NUMBER	UNIT	USD	MONTHS	USD	MONTHS	YEARS
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

SHARECROPPED OUT		IRRIGATION - FOR ALL PLOTS				SOIL TYPE & QUALITY - FOR ALL PLOTS			
D E L I N E	19. How was the sharecropped out agreement established for this [PLOT]?	20. Is this [PLOT] irrigated?	21. What is the source of irrigation water on this [PLOT]?	22. What systems of irrigation are on this [PLOT]?	23. Is the irrigation on [PLOT] year round?	24. Who manages the irrigation system that is used on this [PLOT]?	25. What is the predominant soil type of this [PLOT]?	26. What is the soil quality of this [PLOT]?	27. What is the slope of this [PLOT]?
	FORMAL, WRITTEN....1 ORAL WITH WITNESS....2 ORAL WITHOUT WITNESS....3 OTHER (SPECIFY)...4		WELL.....1 BOREHOLE.....2 LAKE.....3 CREATED POND....4 RIVER/ STREAM...5 DAM.....6 OTHER(SPECIFY)..7	LIST UP TO 2 DIVERT STREAM....1 HAND PUMP.....2 TREADLE PUMP....3 MOTOR PUMP.....4 GRAVITY.....5 SPRINKLER/CENTER PIVOT.....6 DRIP IRRIGATION..7 FLOOD IRRIGATION.8 OTHER (SPECIFY)..9		SELF/HOUSEHOLD MANAGED.....1 FARMER COMMUNITY...2 AGENCY MANAGED....3 COMMUNITY MANAGED..4 OTHER (SPECIFY)....5	READ ANSWERS Sandy.....1 Clay.....2 Mainly mixture of sand and clay.....3 Forest soil (rich clayey loam).....4 Loamy.....5 Other (Specify)...6	READ ANSWERS Good....1 Fair....2 Poor....3	READ ANSWERS Flat.....1 Slight slope...2 Moderate slope.3 Steep, hilly...4
		YES...1 NO...2 (► Q25)		IRRIGATION 1	IRRIGATION 2	YES....1 NO.....2			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

EROSION & CONSERVATION - FOR ALL PLOTS

D E L I N E	28.	29.	30.	31.	32.	33.	34.	35.		
	Since the beginning of this agricultural season 2016/17, were there any problems with erosion on this [PLOT]?	What was the main cause of these erosion problems on [PLOT]?	Have you invested in soil and water erosion control structures on this [PLOT]?	What erosion control facility(ies) is(/are) currently on this [PLOT]?	When was the erosion control investment made for this [PLOT]?	Do you have water harvesting facility on this [PLOT]?	What water harvesting facility(ies) is(/are) currently on this [PLOT]?	When was the water harvesting investment made for this [PLOT]?		
	TERRAIN.....1 FLOODING.....2 WIND.....3 ANIMALS.....4 CULTIVATION.....5 OTHER(SPECIFY)...6		LIST UP TO 2 TYPES CONTOUR RIDGES1 TERRACES.....2 GABIONS/SANDBAGS.....3 GRASSES.....4 TREE BELTS.....5 STONE BUNDS.....6 EARTH BUNDS.....7 OTHER(SPECIFY).....8	ANSWER IN THE ORDER OF OCCURRENCE IN Q31 DURING THE 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	YES...1 NO....2 (► Q36)	LIST UP TO 2 TYPES GABIONS/SAND BAGS....1 WATER HARVEST BUNDS..2 WEIRS.....3 DAM.....4 OTHER(SPECIFY).....5	ANSWER IN THE ORDER OF OCCURRENCE IN Q34 DURING THE 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			
			FACILITY 1	FACILITY 2	INVESTMENT 1	INVESTMENT 2	FACILITY 1	FACILITY 2	INVESTMENT 1	INVESTMENT 2

1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

TREES - FOR ALL PLOTS			COVER CROPS & RESIDUES							
36.	37.	38.	39.	40.	41.			42.	43.	44.
Are there any trees on the border of this [PLOT]?	What is the main tree species growing on the border of this [PLOT]?	How many trees were <u>REMOVED</u> during the previous agricultural season (2015/16) from this [PLOT] (including those on the border)	Did you cultivate this [PLOT] during the previous agricultural season (2015/2016)?	During the previous agricultural season (before planting season for this 2016/2017 agricultural season), did you have any cover crops on the [PLOT]?	What type(s) of cover crop(s) was(were) left on [PLOT] from the previous agricultural season?			What did you do with the crop residues from this [PLOT] after the previous harvest?	In what month during the previous agricultural season (2015/2016) was the crop residue burned?	What fraction of the [PLOT] was covered by the residues after the previous harvest?
	ACACIA.....1 MORINGA.....2 MUTONDO/ MUNHONDO..3 MUPANE.....4 MUSASA.....5 BAOBAB (MUWUYU)....6 MUZHANJE.....7 MUPANGARA.....8 MUSAWU.....9 JACARANDA.....10 GUM (EUCALYPTUS)..11 JATROPHA.....12 OTHER (SPECIFY)...13				LIST UP TO 3 COVER CROPS MUCUNA (VELVET BEANS/KARONGONDA)....1 PIGEON PEA (NANDOLO).....2 LABLAB (DOLICHOS BEANS/NKHUNGUDZU)..3 SESBANIA SESBANS (JEREJERE).....4 COW PEAS (KHOBWE/NSEULA/NYEMBA)....5 CHICK PEA (TCHANA).....6 PEAS (NSAWAWA).....7 SUGAR BEANS.....8 OTHER (SPECIFY).....9			LEFT IN FIELD AND THEN PLOUGHED/INCORPORATED IN TO THE FIELD1 ►Q44 LEFT IN THE FIELD AS A COVER AND NOT PLOUGHED IN..2 ►Q44 BURNED IN THE FIELD.....3 CUT AND REMOVED FROM THE FIELD AND FED TO ANIMALS....4 ►Q44 CUT AND REMOVED FROM THE FIELD FOR HH USE.....5 ►Q44 CUT AND REMOVED FROM THE FIELD TO MAKE COMPOST.....6 ►Q44 GRAZED BY ANIMALS.....7 ►Q44 NO RESIDUES LEFT.....8 ►Q45	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	LESS THAN 1/4....1 BETW. 1/4 - 1/2..2 1/2 - 3/43 ABOVE 3/4.....4
YES...1 NO....2 (►Q39)		IF NONE, RECORD '0'	YES...1 NO....2 (►Q45)	YES...1 NO....2 (►Q42)	CROP 1	CROP 2	CROP 3			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

FIELD/ANNUAL CROPS				TREE/PERMANENT CROPS	
CROP CODE	CROP NAME	CROP CODE	CROP NAME	CROP CODE	CROP NAME
1	<u>Grain Crops</u>	4	<u>Vegetables</u>	2	<u>Industrial Crops</u>
1110	White Maize	4110	Onions	2111	Coffee
1111	Yellow Maize	4111	Peas	2116	Jatropha
1112	Red Sorghum	4112	Tomatoes	2117	Tea
1113	White Sorghum	4113	Watermelon	2120	Sugarcane
1114	Wheat	4114	Pumpkin	4	<u>Vegetables</u>
1115	Barley	4115	Cucumber	4116	Grapes
1116	Pearl millet (Mhunga/ Nyawuti)	4117	Cabbage	5	<u>Fodder Crops</u>
1117	Finger millet (Rapoko/ Rukweza)	4118	Carrot	5110	Lurcene/Alphapha
1118	Rice	4119	Leafy green	5111	Sorghum fodder
1119	Oats	4120	Beetroot	5112	Rhode grass
1120	Sesame/Uninga	4121	Okra	5113	Star grass
1121	Other grain crops	4122	Green-mealies	6	<u>Citrus Fruits</u>
		4123	Butternut	6110	Oranges
2	<u>Industrial Crops</u>	4124	Other vegetables	6111	Grapefruit
2110	Tobacco			6112	Lemons
2112	Cotton	7000	Other crops	6113	Nartjies
2113	Groundnuts			6114	Tangerine
2114	Sunflowers				<u>Tropical Fruits</u>
2115	Soybeans			6115	Bananas
2118	Castor Beans (Pfuta)			6116	Mangoes
2119	Popcorn			6117	Avocadoes
2121	Hops			6118	Paw paws
				6119	Guavas
3	<u>Other Crops</u>			6120	Pine apples
3110	Roundnut (Nyimo or Ndlubu)			6121	Granadillas
3111	Sweet Potatoes			6122	Litches
3112	Yams			6123	Apples
3113	Cassava			6124	Peaches
3114	Butter beans			6125	Plums
3115	Sugar beans				<u>Tree nuts</u>
3116	Cowpeas (Nyemba)			6126	Pecan nuts
3117	Potatoes			6127	Macadamia nuts
3118	Paprika			6128	Other nuts
					<u>Other Fruits</u>
				6129	Strawberries
				6130	Pomegranate
				6131	Other fruits
				8000	Other tree/permanent crops

LAND PREPARATION/CROP ROTATION							
D E L I N E	45.	46.		47.	48.		49.
	How did you prepare land for planting on [PLOT] for this agricultural season 2016/2017?	What implements did you use to prepare land for planting on [PLOT] for this agricultural season 2016/2017?		For how long have you been using the [PRACTICE MENTIONED IN Q45] on this [PLOT]?	What crops did you plant on this [PLOT] in the previous agricultural season (2015/2016)?		What crops do you intend to plant on this [PLOT] in the next agricultural season (2017/2018)?
		LIST UP TO 2 HAND HOE.....1 ANIMAL, MOULDBOARD PLOUGH..2 ANIMAL, DISC PLOUGH.....3 ANIMAL, RIPPER.....4 TRACTOR, MOULDBOARD PLOUGH.5 TRACTOR, DISC PLOUGH.....6 TRACTOR, HAND HELD PLOUGH..7 TRACTOR, RIPPER.....8 OTHER (SPECIFY).....9		1 YEAR OR LESS.....1 2 YEARS.....2 3 YEARS.....3 4 YEARS.....4 5 YEARS.....5 MORE THAN 5 YEARS....6	SELECT UP TO 2 MAJOR CROPS REFER TO CROP CODES LIST ON THE FLIP PAGE IF PLOT WAS LEFT FALLOW, RECORD '9999'		SELECT UP TO 2 MAJOR CROPS REFER TO CROP CODES LIST ON THE FLIP PAGE IF PLOT WILL BE LEFT FALLOW, RECORD '9999' IF DON'T KNOW, RECORD '99'
		IMPLEMENT 1	IMPLEMENT 2		CROP CODE	CROP CODE	CROP CODE
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

SECTION 5: AGRICULTURAL LABOUR**OPEN PLOT FLAP**

D E L I N E INCLUDE ONLY HOUSEHOLD MEMBERS 5 YEARS OR OLDER NUMBER	1.	2.															
	How many household members worked on [PLOT] for <u>land preparation and planting</u> during this agricultural season 2016/2017?	Please list for me the household members that worked on this [PLOT] for <u>land preparation and planting</u> during this agricultural season 2016/2017. A. RECORD THE ID CODES FROM THE HH ROSTER IN THE COLUMN FOR HH ROSTER ID. IF NO ONE ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN ALL COLUMNS DESIGNATED FOR "HH ROSTER ID" THEN GO TO QUESTION 3. IF LESS THAN 4 HH MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN OTHER COLUMNS DESIGNATED FOR HH ROSTER ID. IF MORE THAN 12 MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, USE ANOTHER QUESTIONNAIRE. B. <u>Across how many weeks</u> did [NAME] work on [PLOT] for <u>land preparation and planting</u> during this agricultural season 2016/2017? C. During those weeks, approximately how many days did [NAME] work per week on [PLOT] for <u>land preparation and planting</u> ? D. During those days, approximately how many hours did [NAME] work per day on [PLOT] for <u>land preparation and planting</u> ?															
		1ST MEMBER				2ND MEMBER				3RD MEMBER				4TH MEMBER			
	HH ROSTER ID CODE #1	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #2	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #3	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #4	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

2. Continued

Please list for me the household members that worked on this [PLOT] for land preparation and planting during this agricultural season 2016/2017.

A. RECORD THE ID CODES FROM THE HH ROSTER IN THE COLUMN FOR HH ROSTER ID.

IF NO ONE ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN ALL COLUMNS DESIGNATED FOR "HH ROSTER ID" THEN GO TO QUESTION 3.

IF LESS THAN 4 HH MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN OTHER COLUMNS DESIGNATED FOR HH ROSTER ID.

IF MORE THAN 12 MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, USE ANOTHER QUESTIONNAIRE.

B. Across how many weeks did [NAME] work on [PLOT] for land preparation and planting during this agricultural season 2016/2017?

C. During those weeks, approximately how many days did [NAME] work per week on [PLOT] for land preparation and planting?

D. During those days, approximately how many hours did [NAME] work per day on [PLOT] for land preparation and planting?

5TH MEMBER				6TH MEMBER				7TH MEMBER				8TH MEMBER			
HH ROSTER ID CODE #5	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #6	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #7	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #8	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)

1															
2															
3															
4															
5															
6															
7															
8															
9															
10															

2. Continued

Please list for me the household members that worked on this [PLOT] for land preparation and planting during this agricultural season 2016/2017.

A. RECORD THE ID CODES FROM THE HH ROSTER IN THE COLUMN FOR HH ROSTER ID.

IF NO ONE ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN ALL COLUMNS DESIGNATED FOR "HH ROSTER ID" THEN GO TO QUESTION 3.

IF LESS THAN 4 HH MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, RECORD [-] IN OTHER COLUMNS DESIGNATED FOR HH ROSTER ID.

IF MORE THAN 12 MEMBERS ENGAGED IN LAND PREPARATION AND PLANTING ACTIVITIES, USE ANOTHER QUESTIONNAIRE.

B. Across how many weeks did [NAME] work on [PLOT] for land preparation and planting during this agricultural season 2016/2017?

C. During those weeks, approximately how many days did [NAME] work per week on [PLOT] for land preparation and planting?

D. During those days, approximately how many hours did [NAME] work per day on [PLOT] for land preparation and planting?

	9TH MEMBER				10TH MEMBER				11TH MEMBER				12TH MEMBER			
	HH ROSTER ID CODE #9	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #10	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #11	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)	HH ROSTER ID CODE #12	WEEKS (TOTAL)	DAYS PER WEEK (MUST BE AT MOST 7)	HOURS PER DAY (MUST BE LESS THAN 16)
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																

HIRED LABOUR

		MALES (15 YEARS OLD AND ABOVE)				FEMALES (15 YEARS OLD AND ABOVE)			
3.		4.	5.	6.	7.	8.	9.	10.	11.
D E L I N E	Did your household hire any labour to work for <u>land preparation and planting activities</u> on [PLOT] during this agricultural season 2016/2017?	How many MEN did your household hire to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q8)	How many days <u>in total</u> did your household hire MEN to work for <u>land preparation and planting activities</u> on [PLOT] during this agricultural season 2016/2017?	During those days, how many hours per day did the hired MEN usually work on [PLOT] for <u>land preparation and planting activities</u> ?	Usually, how much in TOTAL did your household pay <u>per day</u> to the hired MEN to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR	How many WOMEN did your household hire to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q12)	How many days <u>in total</u> did your household hire WOMEN to work for <u>land preparation and planting activities</u> on [PLOT] during this agricultural season 2016/2017?	During those days, how many <u>hours per day</u> did the hired WOMEN usually work on [PLOT] for <u>land preparation and planting activities</u> ?	Usually, how much in TOTAL did your household pay <u>per day</u> to the hired WOMEN to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017? INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR
	YES.....1								
	NO.....2 (► Q16)	NUMBER	DAYS	HOURS PER DAY	USD PER DAY	NUMBER	DAYS	HOURS PER DAY	USD PER DAY
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

CHILDREN (5-14 YEARS OLD)				EXCHANGE LABOUR / NHIMBE				MALES (15 YEARS OLD AND ABOVE)				FEMALES (15 YEARS OLD AND ABOVE)			
12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.					
How many CHILDREN did your household hire to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	How many days <u>in total</u> did your household hire CHILDREN to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	During those days, how many <u>hours per day</u> did the hired CHILDREN usually work on [PLOT] for <u>land preparation and planting activities</u> ?	Usually, how much in TOTAL did your household pay <u>per day</u> to the hired CHILDREN to work on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	Did any persons from other households work <u>without pay</u> for <u>land preparation and planting activities</u> on [PLOT] during this agricultural season 2016/2017?	How many MEN from other households worked <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	How many <u>days</u> did MEN from other households work <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	During those days, how many <u>hours per day</u> did the MEN from other households usually work on [PLOT] for <u>land preparation and planting activities</u> ?	How many WOMEN from other households worked <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	How many <u>days</u> did WOMEN from other households work <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	During those days, how many <u>hours per day</u> did the WOMEN from other households usually work on [PLOT] for <u>land preparation and planting activities</u> ?					
IF NONE, RECORD '0' AND (► Q16)			INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF IN-KIND PAYMENTS	YES.....1 NO.....2 (► Q26)	IF NONE, RECORD '0' AND (► Q20)			IF NONE, RECORD '0' AND (► Q23)							
NUMBER	DAYS	HOURS PER DAY	USD PER DAY		NUMBER	DAYS	HOURS PER DAY	NUMBER	DAYS	HOURS PER DAY					

1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

TRACTOR SERVICES

CHILDREN (5-14 YEARS OLD)									
23.	24.	25.	26.	27.	28.	29.	30.	31.	
How many CHILDREN from other households worked <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q26)	How many <u>days</u> did CHILDREN from other households work <u>without pay</u> on [PLOT] for <u>land preparation and planting activities</u> during this agricultural season 2016/2017?	During those days, how many <u>hours per day</u> did the CHILDREN from other households usually work on [PLOT] for <u>land preparation and planting activities</u> ?	Were any tractors used for land preparation on [PLOT] during this agricultural season 2016/2017? YES.....1 NO.....2 (► Q29)	What was the source of the tractors used for land preparation on [PLOT] during this agricultural season 2016/2017? RENTED/HIRED1 OWNED BY HOUSEHOLD2 PROVIDED FOR FREE BY GOVERNMENT3 PROVIDED SUBSIDIZED BY GOVERNMENT4 PROVIDED FOR FREE BY NGO5 PROVIDED FOR FREE BY RELATIVE/FRIEND6 OTHER (SPECIFY)7	How much was spent on tractor services on [PLOT] for land preparation during this agricultural season 2016/2017? INCLUDE COST OF FUEL. RECORD '0' IF NONE ROUND UP TO THE NEAREST DOLLAR (► Q30)	What was the main reason why tractors were not used for land preparation on [PLOT] during this agricultural season 2016/2017? PLOUGHING NOT NEEDED.....1 TRACTOR NOT AVAILABLE....2 TOO EXPENSIVE.....3 DESTROYS SOIL STRUCTURE..4 PLOT AREA TOO SMALL.....5 PREFERENCE FOR OTHER ALTERNATIVES.....6 OTHER (SPECIFY).....7	Was any animal traction (i.e. ox drawn or donkey drawn ploughs) used for land preparation on [PLOT] during this agricultural season 2016/2017? YES.....1 NO.....2 (► NEXT PLOT)	How much was spent on animal traction on [PLOT] for land preparation during this agricultural season 2016/2017? IF NONE, RECORD '0' ROUND UP TO THE NEAREST DOLLAR	
NUMBER	DAYS	HOURS PER DAY			USD			USD	

1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

SECTION 6: GPS MEASUREMENTS**OPEN PLOT FLAP****[MEASURE ALL PLOTS THAT HAVE BEEN CULTIVATED SINCE THE BEGINNING OF THIS AGRICULTURAL SEASON 2016/2017]**

D E L I N E	1. ENUMERATOR: WAS [PLOT] MEASURED BY GPS?	2. ENUMERATOR: WHY WAS [PLOT] NOT MEASURED? TOO FAR.....1 THE FIELD IS OUT OF DISTRICT.....2 IMPOSSIBLE TO READ THE BEARING DUE TO THE FIELD LOCATION3 UNWILLINGNESS OF THE HOLDER.....4 OTHER (SPECIFY).....5	3. ENUMERATOR: RECORD THE COORDINATES FOR [PLOT].		4. ENUMERATOR: RECORD THE TOTAL PLANTED AREA ON [PLOT] MEASURED BY GPS	5. ENUMERATOR: RECORD WEATHER CONDITION AT TIME WHEN GPS OF [PLOT] WAS TAKEN CLEAR/ SUNNY.....1 MOSTLY CLEAR / MOSTLY SUNNY.....2 PARTLY CLOUDY / PARTLY SUNNY.....3 MOSTLY CLOUDY/ CONSIDERABLE CLOUDINESS.....4 COMPLETELY CLOUDY..5 RAINY.....6
	YES....1 (► Q3) NO.....2	(► NEXT SECTION)	LATITUDE (S)	LONGITUDE (E)	GPS MEASURED IN SQ METERS	

1				°		.				0		°		.				,		.	
2				°		.				0		°		.				,		.	
3				°		.				0		°		.				,		.	
4				°		.				0		°		.				,		.	
5				°		.				0		°		.				,		.	
6				°		.				0		°		.				,		.	
7				°		.				0		°		.				,		.	
8				°		.				0		°		.				,		.	
9				°		.				0		°		.				,		.	
10				°		.				0		°		.				,		.	

P L O T F L A P

PLOT FLAP

FOR SECTION 3, 4, 5 &6

D E L I N E	P A R C E L I D	P L O T I D	<p>Please list all PLOTS on all PARCELS that you or anyone in your household owned or has access to since the beginning of this agricultural season 2016/2017.</p> <p>THE NAME SHOULD BE SUCH THAT ALL HOUSEHOLD MEMBERS CAN IDENTIFY THE PLOT WHEN GIVEN THIS NAME</p>
			PLOT NAME

1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

FIELD/ANNUAL CROPS			
CROP CODE	CROP NAME	CROP CODE	CROP NAME
<u>Grain Crops</u>		<u>Vegetables</u>	
1110	White Maize	4110	Onions
1111	Yellow Maize	4111	Peas
1112	Red Sorghum	4112	Tomatoes
1113	White Sorghum	4113	Watermelon
1114	Wheat	4114	Pumpkin
1115	Barley	4115	Cucumber
1116	Pearl millet (Mhunga/ Nyawuti)	4117	Cabbage
1117	Finger millet (Rapoko/ Rukweza)	4118	Carrot
1118	Rice	4119	Leafy green
1119	Oats	4120	Beetroot
1120	Sesame/Uninga	4121	Okra
1121	Other grain crops	4122	Green-mealies
		4123	Butternut
	<u>Industrial Crops</u>	4124	Other vegetables
2110	Tobacco		
2112	Cotton	7000	Other crops
2113	Groundnuts		
2114	Sunflowers		
2115	Soybeans		
2118	Castor Beans (Pfuta)		
2119	Popcorn		
2121	Hops		
	<u>Other Crops</u>		
3110	Roundnut (Nyimo or Ndlubu)		
3111	Sweet Potatoes		
3112	Yams		
3113	Cassava		
3114	Butter beans		
3115	Sugar beans		
3116	Cowpeas (Nyemba)		
3117	Potatoes		
3118	Paprika		

SECTION 7: FIELD CROPS**OPEN CROPS ON PLOT FLAP**

D E L I N E	1.	2.	3.		4.	5.	6.	
	What was the method of cropping for [CROP] on [PLOT] this agricultural season 2016/2017?	What percentage of this [PLOT] is covered by [CROP] this agricultural season 2016/2017?	When did you plant the seeds for [CROP] on [PLOT] this agricultural season 2016/2017?		At the onset of the rains, do you think that you planted [CROP] early or late on [PLOT] this agricultural season 2016/2017?	Why did you plant [CROP] late on [PLOT] this agricultural season 2016/2017?	How much of [CROP] do you expect to harvest from [PLOT] during this agricultural season 2016/2017?	
	MONOCULTURE.....1 ►Q3 INTER-CROPPING...2		JANUARY.....01 FEBRUARY.....02 MARCH.....03 APRIL.....04 MAY.....05 JUNE.....06 JULY.....07 AUGUST.....08 SEPTEMBER.....09 OCTOBER.....10 NOVEMBER.....11 DECEMBER.....12		EARLY.....1 ►Q6 ON TIME...2 ►Q6 LATE.....3	LAND PREPARATION WAS NOT FINISHED IN TIME.....1 LACK OF FUNDS TO PURCHASED INPUTS.....2 TO PREVENT THE RISK OF LOSING ALL THE CROPS IF THE RAIN FAILS3 LATE RENTING OF LAND....4 LACK OF EQUIPMENT.....5 LACK OF DRAUGHT POWER....6 OTHER (SPECIFY).....7	UNITS KILOGRAMS (KG).....1 TON.....2 50 KG BAG.....3 90 KG BAG.....4 BAGIDI (20L BUCKET)..5 SMALL TSWANDA.....6 MEDIUM TSWANDA.....7 LARGE TSWANDA.....8 OTHER (SPECIFY).....9	
		SHARE (%)	MONTH	YEAR (4-DIGIT)			QUANTITY	UNIT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

SECTION 8: SEED ACQUISITION**OPEN CROPS ON PLOT FLAP**

				SEEDS FROM PREVIOUS HARVEST/CARRY-OVER SEEDS			
1.	2.	3.	4.	5.	6.	7.	
What type of planting material was used for [CROP] on [PLOT] since the beginning of this agricultural season 2016/2017?	Was the seed you used for [CROP] on [PLOT] since the beginning of this agricultural season 2016/2017.....?	Was the seed you used for [CROP] on [PLOT] since the beginning of this agricultural season 2016/2017 <u>CERTIFIED?</u>	What is the total quantity of [CROP] seeds used on this [PLOT] this agricultural season 2016/2017?	Did you use any <u>SEEDS FROM PREVIOUS HARVEST</u> and/or any <u>CARRY-OVER SEEDS</u> for [CROP] on this [PLOT]?	What was the quantity of the <u>SEEDS FROM PREVIOUS HARVEST</u> and/or <u>CARRY-OVER SEEDS</u> for [CROP] that you used on [PLOT] this agricultural season 2016/2017?	Why did you choose to use the <u>SEEDS FROM PREVIOUS HARVEST</u> and/or <u>CARRY-OVER SEEDS</u> for [CROP] on [PLOT] this agricultural season 2016/2017?	
DE L I N E SEEDS....1 CUTTINGS.2 ►NEXT CROP TUBERS...3 ►NEXT CROP	HYBRID.....1 IMPROVED.....2 TRADITIONAL/LOCAL...3 ►Q4	YES.....1 NO.....2	UNITS KILOGRAMS (KG).....1 GRAMS (G).....2 GALLONS.....3 CUPS.....4 50 KG BAG.....5 90 KG BAG.....6 BAGIDHI (20L BUCKET)...7 SMALL TSWANDA.....8 MEDIUM TSWANDA.....9 LARGE TSWANDA.....10 OTHER (SPECIFY).....11	YES.....1 NO.....2 (►Q8)	UNITS KILOGRAMS (KG).....1 GRAMS (G).....2 GALLONS.....3 CUPS.....4 50 KG BAG.....5 90 KG BAG.....6 BAGIDHI (20L BUCKET)...7 SMALL TSWANDA.....8 MEDIUM TSWANDA.....9 LARGE TSWANDA.....10 OTHER (SPECIFY).....11	PREFERENCE FOR TRADITIONAL VARIETY.....1 ADVICE FROM EXTENSION OFFICER2 ADVICE FROM INPUT SUPPLIER3 ADVICE FROM FELLOW FARMER4 ADVICE FROM RELATIVES5 COULD NOT AFFORD IMPROVED SEED6 OTHER (SPECIFY)7	
			QUANTITY UNIT		QUANTITY UNIT		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							

FREE SEEDS								
D E L I N E	8.	9.		10.	11.			12.
	Did you use any <u>FREE SEED</u> for [CROP] on this [PLOT]?	What was the quantity of the <u>FREE SEED</u> for [CROP] that you used on [PLOT] this agricultural season 2016/2017?		What was the main source of this <u>FREE SEED</u> for [CROP] that you used on [PLOT] this agricultural season 2016/2017?	Did you receive this <u>FREE SEED</u> that you used for [CROP] on [PLOT] this agricultural season 2016/2017 as part of the following government programs?			What was the main mode of transportation used to bring back the <u>FREE SEED</u> that you received for free since the beginning of this agricultural season 2016/2017?
YES.....1	UNITS KILOGRAMS (KG).....1 GRAMS (G).....2 GALLONS.....3 CUPS.....4 50 KG BAG.....5 90 KG BAG.....6 BAGIDHI (20L BUCKET).....7 SMALL TSWANDA.....8 MEDIUM TSWANDA.....9 LARGE TSWANDA.....10 OTHER (SPECIFY).....11		GOVERNMENT/EXTENSION OFFICERS1 NGOS.....2 ►Q12 AGRICULTURE INPUT DEALER.....3 ►Q12 FELLOW FARMER4 ►Q12 FAMILY MEMBER.....5 ►Q12 OTHER (SPECIFY).....6 ►Q12	A. PRESIDENTIAL INPUT SUPPORT PROGRAM YES.....1 NO.....2	B. VULNERABLE INPUT SUPPORT PROGRAM YES.....1 NO.....2	C. OTHER (SPECIFY) YES.....1 NO.....2	ON FOOT.....1 WHEELBARROW.....2 OWN BICYCLE/ANIMAL CART/PUSH CART.....3 MOTORBIKE.....4 OWN/RELATIVE'S CAR.....5 TRUCK /BUS /MINIBUS....6 BOAT.....7 OTHER (SPECIFY).....8	
	QUANTITY	UNIT						
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

CROPS ON PLOT FLAP
FOR SECTION 7 & 8

	D E L I N E	P A R C E L I D	P L O T I D	Which <u>FIELD CROPS</u> did your household plant on this [PLOT] this agricultural season 2016/17?	
				<p>FOR ALL CULTIVATED PLOTS, SYSTEMATICALLY RECORD ALL PLANTED FIELD CROP NAMES AND CROP CODES, STARTING WITH THE FIRST PARCEL-PLOT COMBINATION IN THE PLOT FLAP</p> <p>REFER TO CROP CODES LIST ON THE FLIP PAGE</p>	
				CROP NAME	CROP CODE
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

FIELD/ANNUAL CROPS			
CROP CODE	CROP NAME	CROP CODE	CROP NAME
<u>Grain Crops</u>		<u>Vegetables</u>	
1110	White Maize	4110	Onions
1111	Yellow Maize	4111	Peas
1112	Red Sorghum	4112	Tomatoes
1113	White Sorghum	4113	Watermelon
1114	Wheat	4114	Pumpkin
1115	Barley	4115	Cucumber
1116	Pearl millet (Mhunga/ Nyawuti)	4117	Cabbage
1117	Finger millet (Rapoko/ Rukweza)	4118	Carrot
1118	Rice	4119	Leafy green
1119	Oats	4120	Beetroot
1120	Sesame/Uninga	4121	Okra
1121	Other grain crops	4122	Green-mealies
		4123	Butternut
	<u>Industrial Crops</u>	4124	Other vegetables
2110	Tobacco		
2112	Cotton	7000	Other crops
2113	Groundnuts		
2114	Sunflowers		
2115	Soybeans		
2118	Castor Beans (Pfuta)		
2119	Popcorn		
2121	Hops		
	<u>Other Crops</u>		
3110	Roundnut (Nyimo or Ndlubu)		
3111	Sweet Potatoes		
3112	Yams		
3113	Cassava		
3114	Butter beans		
3115	Sugar beans		
3116	Cowpeas (Nyemba)		
3117	Potatoes		
3118	Paprika		

SECTION 9: PURCHASED SEEDS**OPEN CROPS FLAP**

D E L I N E	1.	2.		3.	4.	5.		6.	7.	8.
	Did you purchase any of the seeds for [CROP] that you used this agricultural season 2016/2017?	What was the quantity of the <u>PURCHASED SEED</u> for [CROP] that you used this agricultural season 2016/2017?		How much did you pay for <u>PURCHASED SEED</u> that you used for [CROP] since the beginning of this agricultural season 2016/2017?	Did any household member pay for this <u>PURCHASED SEED</u> that you used for [CROP] since the beginning of this agricultural season 2016/2017?	Who in the household paid for this <u>PURCHASED SEED</u> that you used for [CROP] this agricultural season 2016/2017?		Which other non-household member(s) paid for this <u>PURCHASED SEED</u> that you used for [CROP] this agricultural season 2016/2017?	How did you finance this <u>PURCHASED SEED</u> that you used for [CROP] this agricultural season 2016/2017?	How much did you pay <u>up-front</u> for this <u>PURCHASED SEED</u> that you used for [CROP] this agricultural season 2016/2017?
	YES1 NO2 (► NEXT CROP)	<u>UNITS</u> KILOGRAMS (KG).....1 GRAMS (G).....2 GALLONS.....3 CUPS.....4 50 KG BAG.....5 90 KG BAG.....6 BAGIDHI (20L BUCKET).....7 SMALL TSWANDA.....8 MEDIUM TSWANDA.....9 LARGE TSWANDA.....10 OTHER (SPECIFY).....11		ROUND UP TO THE NEAREST DOLLAR	YES1 NO2 (► Q6)	COPY ID FROM HH ROSTER LIST UP TO 2 ID CODE ID CODE		SPOUSE LIVING ELSEWHERE1 A FAMILY MEMBER.....2 A NON-FAMILY MEMBER3 NONE.....4	PAID IN FULL WITH OWN FUNDS.....1 ►Q9 PURCHASED ON CREDIT/LOAN.....2 ►Q9 PART OWN FUNDS, PART ON CREDIT/LOAN.3 PAID IN KIND.....4 ►Q9	IF NONE, RECORD '0' INCLUDE CASH PAYMENTS AND ESTIMATED VALUE OF ANY IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR USD
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

AG9: PURCHASED SEEDS

	9.	10.	11.	12.
D E L I N E	Where did you purchase most of the <u>PURCHASED SEED</u> for [CROP] that you used since the beginning of this agricultural season 2016/2017?	What is the distance from the farm to the place where the seed for [CROP] was bought for this agricultural season 2016/2017?	What was the main mode of transportation used to bring back the <u>PURCHASED SEED</u> of [CROP] for use since the beginning of the agricultural season 2016/2017?	How much was paid in TOTAL for transportation to acquire the <u>PURCHASED SEED</u> that you used for all <u>planted crops</u> since the beginning of the agricultural season 2016/2017?
	FROM FELLOW FARMER ..1 FROM RELATIVES2 FROM AGRO INPUT DEALERS.....3 GOVERNMENT EXTENSION OFFICE.....4 FARMER ORGANIZATION OR COOPERATIVES....5 RETAIL SHOPS6 OTHER (SPECIFY)7	DISTANCE (KM)	ON FOOT.....1 WHEELBARROW.....2 OWN BICYCLE/ANIMAL CART/PUSH CART.....3 MOTORBIKE.4 OWN/RELATIVE'S CAR...5 TRUCK /BUS /MINIBUS..6 BOAT.....7 OTHER (SPECIFY).....8	INCLUDE ALL TRIPS FROM AND BACK TO YOUR FARM APPLIES TO ALL CROPS AND NOT SPECIFIC TO ONE CROP ROUND UP TO THE NEAREST DOLLAR
1				
2				USD
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

SECTION 10: EXPECTED SALES FOR FIELD CROPS**OPEN CROPS FLAP**

D E L I N E	1.	2.		3.
	Do you intend to sell any of the expected harvest of [CROP] harvested during this agricultural season 2016/2017?	How much of the expected harvest of [CROP] from this agricultural season 2016/2017 do you intend to sell?		How much do you expect to receive from sales of [CROP] harvested from this agricultural season 2016/2017?
	YES.....1 NO.....2 (► NEXT CROP)	<p style="text-align: center;"><u>UNITS</u></p> KILOGRAMS (KG).....1 TON.....2 50 KG BAG.....3 90 KG BAG.....4 BAGIDI (20L BUCKET).....5 SMALL TSWANDA.....6 MEDIUM TSWANDA.....7 LARGE TSWANDA.....8 OTHER (SPECIFY).....9		ROUND UP TO THE NEAREST DOLLAR
		QUANTITY	UNIT	USD
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

CROPS FLAP
FOR SECTION 9 & 10

D E L I N E	LIST ALL <u>FIELD CROPS</u> THAT THE HOUSEHOLD PLANTED	
	DO NOT LIST CROPS MORE THAN ONCE. IF THE HOUSEHOLD PLANTED WHITE MAIZE ON 2 DIFFERENT PLOTS USING PURCHASED SEEDS, LIST WHITE MAIZE ONCE.	
	REFER TO CROP CODES LIST ON THE FLIP PAGE	
	CROP NAME	CROP CODE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

TREE/PERMANENT CROPS			
CROP CODE	CROP NAME	CROP CODE	CROP NAME
	<u>Industrial Crops</u>		<u>Tropical Fruits</u>
2111	Coffee	6115	Bananas
2116	Jatropha	6116	Mangoes
2117	Tea	6117	Avocadoes
2120	Sugarcane	6118	Paw paws
	<u>Vegetables</u>	6119	Guavas
4116	Grapes	6120	Pine apples
	<u>Fodder Crops</u>	6121	Granadillas
5110	Lurcene/Alphapha	6122	Litches
5111	Sorghum fodder	6123	Apples
5112	Rhode grass	6124	Peaches
5113	Star grass	6125	Plums
	<u>Citrus Fruits</u>		<u>Tree nuts</u>
6110	Oranges	6126	Pecan nuts
6111	Grapefruit	6127	Macadamia nuts
6112	Lemons	6128	Other nuts
6113	Nartjies		<u>Other Fruits</u>
6114	Tangerine	6129	Strawberries
		6130	Pomegranate
		6131	Other fruits
		8000	Other tree/permanent crops

SECTION 11: TREE & PERMANENT CROPS**OPEN TREE & PERMANENT CROPS FLAP**

D E L I N E	2.	3.		4.	5.	6.	7.				8.	9.	10.		11.
	Are the trees part of a [TREE / PERMANENT CROP] orchard or plantation?	What is the total land area covered by the [TREE / PERMANENT CROP] orchard/plantation?		How many plants/trees for the [TREE / PERMANENT CROP] does your household have?	In what year were most of these [TREE / PERMANENT CROP] planted on [PLOT]?	How many [TREE / PERMANENT CROP] were planted since the beginning of this agricultural season 2016/2017?	What was the last completed (Harvest) production period for the [TREE / PERMANENT CROP]?				Were there any losses of [TREE / PERMANENT CROP] before the last completed harvest?	What was the main cause of losses of the [TREE / PERMANENT CROP]?	How much [TREE / PERMANENT CROP] did you harvest during the <u>last completed harvest production period</u> ?		How much in total did your household receive from the sale of the harvested [TREE/PERMANENT CROP] during the <u>last completed harvest production period</u> ?
	YES....1 NO.....2 (► Q4)	UNITS ACRES.....1 HECTARES.....2 SQUARE METRES...3		IF THE FARMER DOES NOT KNOW, RECORD '999'	IF THE FARMER DOES NOT KNOW, RECORD '9999'		IF THERE IS NO PARTICULAR PRODUCTION PERIOD, USE THE LAST 12 MONTHS.		IF TREES/PERMANENT CROP IS TOO YOUNG TO HARVEST, RECORD '99' IN ALL BOXES			DROUGHT.....1 TOO MUCH RAIN.....2 EROSION.....3 FIRE.....4 INSECTS.....5 ANIMALS.....6 CROP THEFT.....7 DISEASES.....8 COMMUNITY PROBLEMS...9 LACK OF LABOR.....10 OTHER (SPECIFY).....11	UNITS KILOGRAMS (KG).....1 TON.....2 50 KG BAG.....3 90 KG BAG.....4 BAGIDI (20L BUCKET)..5 SMALL TSWANDA.....6 MEDIUM TSWANDA.....7 LARGE TSWANDA.....8 OTHER (SPECIFY).....9		ROUND UP TO THE NEAREST DOLLAR
		QUANTITY	UNIT	NUMBER	YEAR (4-DIGIT)	NUMBER	BEGIN MONTH	YEAR (4-DIGIT)	END MONTH	YEAR (4-DIGIT)	YES.....1 NO.....2 (► Q10)		QUANTITY	UNIT	USD
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

TREE & PERMANENT CROPS FLAP

FOR SECTION 11

0. Does your household own or cultivate any TREE/PERMANENT crops?

YES...1
NO....2(▶NEXT SECTION)

Box 1

D E L I N E	1.	Which <u>TREE/PERMANENT</u> crops does your household own or cultivate?	
	REFER TO CROP CODES LIST ON THE FLIP PAGE		
	CROP NAME	CROP CODE	
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
13			
14			
15			

SECTION 12: PERMANENT HIRED LABOUR

1.	2.	3.	4.	5.	6.	7.	8.
Does your household have any person(s) permanently hired to work on any crop and livestock activities this agricultural season 2016/2017?	How many MEN does your household have as permanently hired labour since the beginning of this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q7)	How much in total does your household usually pay permanently hired MEN workers <u>PER MONTH</u> ? INCLUDE ALL IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR	What is the percentage of time that permanently hired MEN spent working on crop farming activities?	What is the percentage of time that permanently hired MEN spent working on livestock production activities?	What is the percentage of time that permanently hired MEN spent working on other activities such as collecting firewood, fetching water, etc...?	How many WOMEN does your household have as permanently hired labour since the beginning of this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q12)	How much in total does your household usually pay permanently hired WOMEN workers <u>PER MONTH</u> ? INCLUDE ALL IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR
YES1 NO2 (► NEXT SECTION)	NUMBER	USD	PERCENT	PERCENT	PERCENT	NUMBER	USD

9.	10.	11.	12.	13.	14.	15.	16.
What is the percentage of time that permanently hired WOMEN spent working on crop farming activities?	What is the percentage of time that permanently hired WOMEN spent working on livestock production activities?	What is the percentage of time that permanently hired WOMEN spent working on other activities such as collecting firewood, fetching water, etc...?	How many CHILDREN does your household have as permanently hired labour since the beginning of this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► NEXT SECTION)	How much in total does your household usually pay permanently hired CHILDREN workers <u>PER MONTH</u> ? INCLUDE ALL IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR	What is the percentage of time that permanently hired CHILDREN spent working on crop farming activities?	What is the percentage of time that permanently hired CHILDREN spent working on livestock production activities?	What is the percentage of time that permanently hired CHILDREN spent working on other activities such as collecting firewood, fetching water, etc...?
PERCENT	PERCENT	PERCENT	NUMBER	USD	PERCENT	PERCENT	PERCENT

SECTION 13: ANIMAL HOLDINGS**OPEN ANIMAL HOLDINGS FLAP; ASK QUESTIONS ROW-WISE****INCREASE IN STOCK (ASK FOR ALL ANIMALS BEFORE MOVING TO Q14)**

A N C I D E N T I F I C A T I O N N U M B E R	2. How many [ANIMAL] were owned by your household on <u>January 1, 2016</u> (located on your farm or elsewhere)?	3. How many [ANIMAL] were owned by your household on <u>December 31, 2016</u> (located on your farm or elsewhere)?	4. If you would sell one of the [ANIMAL] today, how much would you receive from the sale? ROUND UP TO THE NEAREST DOLLAR	5. Who in your household was responsible for keeping [ANIMAL] between January 1, 2016 and December 31, 2016? COPY ID FROM HH ROSTER IF NON-HOUSEHOLD MEMBER, RECORD '97' LIST UP TO 2		6. Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were born? IF NONE, RECORD '0'	7. What was the average number of [ANIMAL] per litter or brood between January 1, 2016 and December 31, 2016?	8. How many batches of broilers did you produce between January 1, 2016 and December 31, 2016? IF NONE, RECORD '0' AND (► Q10)	9. What is the average number of broilers kept per each batch?
	NUMBER	NUMBER	USD	ID CODE	ID CODE	NUMBER	NUMBER	NUMBER	NUMBER
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									
115									
116									
117									
118									
119									
120									
121									
122									
123									
124									
125									
126									
127									
128									

				DECREASE IN STOCK			
A N C I D A E L	10.	11.	12.	13.	14.	15.	16.
	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were received as gifts?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were received as payment for services rendered?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] have you bought to raise?	What was the total value of [ANIMAL] purchases between January 1, 2016 and December 31, 2016?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were given out as gifts ?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were given out as payment for services received?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] got lost or stolen?
	IF NONE, RECORD '0'	IF NONE, RECORD '0'	IF NONE, RECORD '0' AND (► Q14)	ESTIMATE THE VALUE OF IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR	IF NONE, RECORD '0'	IF NONE, RECORD '0'	IF NONE, RECORD '0'
	NUMBER	NUMBER	NUMBER	USD	NUMBER	NUMBER	NUMBER
101							
102							
103							
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
121							
122							
123							
124							
125							
126							
127							
128							

A N C I D M D A E L	17.	18.	19.	20.	21.		
	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] were used as payment for bride price (LOBOLA)?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] have you sold alive? IF NONE, RECORD '0' AND (► Q20)	What was the total value of [ANIMAL] sales between January 1, 2016 and December 31, 2016? ESTIMATE THE VALUE OF IN-KIND PAYMENTS ROUND UP TO THE NEAREST DOLLAR	Between January 1, 2016 and December 31, 2016, did your household slaughter any [ANIMAL]? YES...1 NO....2 (► Q22)	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] did you slaughter? IF NONE, RECORD '0'		
	NUMBER	NUMBER	USD		FOR SALE NUMBER	FOR CONSUMPTION NUMBER	FOR BOTH SALE AND CONSUMPTION NUMBER
101							
102							
103							
104							
105							
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							
121							
122							
123							
124							
125							
126							
127							
128							

A N C I O M D A E L	22.	23.				
	Between January 1, 2016 and December 31, 2016, did any [ANIMAL] die due to predation, diseases, injury, drought, etc.?	Between January 1, 2016 and December 31, 2016, how many [ANIMAL] died due to?				
	YES...1 NO....2 (► NEXT ANIMAL)	IF NONE, RECORD '0'				
	A. PREDATION	B. DISEASES	C. INJURY	D. DROUGHT	E. OTHER (SPECIFY)	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
101						
102						
103						
104						
105						
106						
107						
108						
109						
110						
111						
112						
113						
114						
115						
116						
117						
118						
119						
120						
121						
122						
123						
124						
125						
126						
127						
128						

ANIMAL HOLDINGS FLAP

FOR SECTION 13

A N I M A L	1.
	Between January 1, 2016 and December 31, 2016, did you or any member of your household own any ...?
	ASK FOR ALL ANIMALS FIRST COLUMN-WISE BEFORE MOVING TO NEXT QUESTION
	<p>YES.....1</p> <p>NO.....2 (► NEXT ANIMAL)</p>

101	CALF FEMALE	
102	CALF MALE	
103	HEIFER	
104	STEER	
105	COW	
106	BULL	
107	OX	
108	DONKEY	
109	GOAT - BUCK/BILLY	
110	GOAT- DOE	
111	GOAT - KID	
112	SHEEP - RAM	
113	SHEEP - EWE	
114	SHEEP - LAMB	
115	PIG - BOAR	
116	PIG - SOW	
117	PIG - PIGLET	
118	PIG - GILTS	
119	CHICKEN-LAYER	
120	CHICKEN-LOCAL/INDIGENOUS	
121	CHICKEN-BROILER	
122	TURKEY	
123	DUCK	
124	RABBIT - BUCKS	
125	RABBIT - DOES	
126	RABBIT - BUNNIES	
127	GUINEA FOWL	
128	OTHER (SPECIFY) _____	

SECTION 14A: PASTURE

1.	2.	3.		4.	5.
Did your household graze any livestock between January 1, 2016 and December 31, 2016?	Did your household own any pasture land for raising livestock between January 1, 2016 and December 31, 2016?	What was the total pasture land area that your household owned for raising livestock between January 1, 2016 and December 31, 2016?		Was the size of the pasture land owned by your household for raising livestock between January 1, 2016 and December 31, 2016 adequate?	Where did the livestock usually graze between January 1, 2016 and December 31, 2016?
		<p style="text-align: center;"><u>UNITS</u></p> <p>ACRES.....1</p> <p>HECTARES.....2</p> <p>SQUARE METERS.....3</p>			<p>OTHER HOUSEHOLDS PASTURE.....1</p> <p>PASTURE PROVIDED BY THE GOVERNMENT..... 2</p> <p>PASTURE PROVIDED BY THE COMMUNITY..... 3</p> <p>OWN PASTURE4</p> <p>OTHER SPECIFY5</p>
YES.....1 NO.....2 (► NEXT SECTION)	YES.....1 NO.....2 (► Q5)	QUANTITY	UNIT	YES.....1 NO.....2	

SECTION 14B: ANIMAL COSTS & PRODUCTION SYSTEMS**OPEN ANIMAL COSTS FLAP****ANIMAL COSTS**

A N I M A L G R O U P C O D E	2.	3.	4.	5.	6.	7.	8.	9.	10.
	Who in your household owned the [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? COPY ID FROM HH ROSTER LIST UP TO 2 IF IT IS ENTIRE HOUSEHOLD , RECORD '97' IN THE FIRST COLUMN	How much was spent on animal feed including salt for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on vet services (incl. vaccination, deworming, and medicine) for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on transport of animal to and from farm for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on the building or maintenance of pens and stables for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on transport of animal feed for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on commission on sale of animals for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on compensation for damages by [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR	How much was spent on other related costs for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR
	ID CODE	ID CODE	USD	USD	USD	USD	USD	USD	USD

101									
102									
103									
104									
105									
106									
107									
108									
109									

PRODUCTION SYSTEMS									
A N I M A L G R O U P C O D E	11.	12.	13.	14.		15.			16.
	What was the main production system used for the [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? INTENSIVE 1 SEMI-INTENSIVE...2 EXTENSIVE 3	Was dipping done for any [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? YES.....1 NO.....2 (► Q14)	Was the dipping enough for [ANIMAL GROUP] between January 1, 2016 and December 31, 2016? YES.....1 NO.....2	How many of your [ANIMAL GROUP] were vaccinated between January 1, 2016 and December 31, 2016? IF NONE, RECORD '0' AND (► NEXT ANIMAL GROUP)		Against which diseases did you vaccinate your [ANIMAL GROUP]? RECORD UP TO 3			How much was spent in TOTAL on hired labour for <u>all livestock</u> between January 1, 2016 and December 31, 2016? ROUND UP TO THE NEAREST DOLLAR
				ADULTS	YOUNG ANIMALS				
				NUMBER	NUMBER	DISEASE CODE	DISEASE CODE	DISEASE CODE	
101									
102									
103									
104									
105									
106									
107									
108									
109									

DISEASE CODES	
BIRD FLU.....	1
SWINE FLU.....	2
RINDERPEST.....	3
FOOT AND MOUTH DISEASE.....	4
LUMPY SKIN DISEASE.....	5
BLACK LEG	6
BRUCELLOSIS.....	7
BOVINE TUBERCULOSIS.....	8
CONTAGIOUS BOVINE PLEURO PNEUMONIA..	9
DERMATOPHILOSIS.....	10
BOTULISM	11
OTHER (SPECIFY).....	12

ANIMAL COSTS FLAP
FOR SECTION 14B

A N I M A L G R O U P C O D E	1.
	<p>Between January 1, 2016 and December 31, 2016, did you or any member of your household make any monetary expenses to care..</p> <p>ASK FOR EACH ANIMAL GROUP THAT HH OWNED BETWEEN JANUARY 1, 2016 - DECEMBER 31, 2016, AND THEN MOVE TO QUESTION 2</p> <p>YES.....1</p> <p>NO.....2 (► NEXT ANIMAL GROUP)</p>

101	LARGE RUMINANTS (CATTLE)	
102	DONKEYS	
103	GOAT/SHEEP	
104	PIGS	
105	CHICKEN - LOCAL/INDIGENOUS	
106	CHICKEN - BROILER	
107	CHICKEN - LAYER	
108	OTHER POULTRY	
109	RABBIT	

SECTION 15: AGRICULTURAL BY-PRODUCT**OPEN AGRICULTURAL BY-PRODUCT FLAP**

B Y P R O D U C T C O D E	2. Between January 1, 2016 and December 31, 2016, for how many months did your household produce any [PRODUCT]? MUST BE 12 MONTHS OR LESS	3a. During these months, what was the average quantity of [PRODUCT] produced per month? <div style="text-align: center;"><u>UNIT</u> PIECE/NUMBER ...1 DOZEN2 LITRE3 KILOGRAM4 SCOTCHCART5 WHEELBARROW6 OTHER (SPECIFY).7</div>		3b. During these months, what was the total quantity of [BY-PRODUCT] collected? <div style="text-align: center;"><u>UNIT</u> PIECE/NUMBER ...1 DOZEN2 LITRE3 KILOGRAM4 SCOTCHCART5 WHEELBARROW6 OTHER (SPECIFY).7</div>		4. Did you sell any of the [PRODUCT] that you produced between January 1, 2016 and December 31, 2016? YES...1 NO...2 (IF HONEY ► Q10; OTHERWISE ► NEXT ITEM)	5. How much of the [PRODUCT] produced did you usually sell PER MONTH between January 1, 2016 and December 31, 2016? <div style="text-align: center;"><u>UNIT</u> PIECE/NUMBER ...1 DOZEN2 LITRE3 KILOGRAM4 SCOTCHCART5 WHEELBARROW6 OTHER (SPECIFY).7</div>		6. What was the total value of sales of [PRODUCT] between January 1, 2016 and December 31, 2016? INCLUDE ESTIMATED VALUE OF PAYMENTS IN-KIND ROUND UP TO THE NEAREST DOLLAR
	MONTHS	QUANTITY	UNIT	QUANTITY	UNIT		QUANTITY	UNIT	USD

1									
2									
3									
4									
5									
6									

AG15: AGRICULTURAL BY-PRODUCTS

B Y P R O D U C T C O D E	7.	8.		9.		10.	11.	12.	13.
	What is the distance from the farmgate to the place where you sold the most [PRODUCT]?	Who in your household was responsible for marketing the [PRODUCT] and negotiating sales? IF NON-HOUSEHOLD MEMBER OR AGENT, RECORD '97' IN THE FIRST COLUMN RECORD ID FROM HH ROSTER LIST UP TO 2		Who in your household decided how to use the earnings of [PRODUCT]? IF NON-HOUSEHOLD MEMBER, RECORD '97' IN THE FIRST COLUMN RECORD ID FROM HH ROSTER LIST UP TO 2		How many beehives did you have for producing honey between January 1, 2016 and December 31, 2016? IF NONE, RECORD '0' AND (► NEXT ITEM)	What type of hive did you own for producing honey between January 1, 2016 and December 31, 2016? TRADITIONAL1 KENYAN TOP BAR..2 LANGSTROTH.....3	How many of the beehives were colonized between January 1, 2016 and December 31, 2016?	How many times did you harvest honey between January 1, 2016 and December 31, 2016?
	DISTANCE (KM)	ID CODE	ID CODE	ID CODE	ID CODE	NUMBER		NUMBER	NUMBER

1									
2									
3									
4									
5									
6									

AGRICULTURAL BY-PRODUCT FLAP
FOR SECTION 15

B Y P R O D U C T C O D E	1.
	Between January and December 2016, did you or any member of your household produce any [PRODUCT] from your farm and/or livestock?
	ASK FOR ALL ITEMS BEFORE MOVING ON TO NEXT QUESTION
	YES...1 NO...2 (► NEXT ITEM)

1	CATTLE MILK	
2	GOAT MILK	
3	EGGS	
4	HONEY	
5	HIDE/SKINS	
6	MANURE	

SECTION 16: AGRICULTURAL CAPITAL**OPEN AGRICULTURAL CAPITAL FLAP**

OPEN AGRICULTURAL CAPITAL FLAP				OWNED			
I T E M C O D E	2. Which persons in the household used [ITEM] since the beginning of this agricultural season 2016/2017? RECORD ID FROM HH ROSTER IN ORDER OF FREQUENCY OF USE LIST UP TO 3 PERSONS IF USED BY ALL HOUSEHOLD MEMBERS, RECORD '97' IN THE FIRST COLUMN IF NO ONE, RECORD '98' IN THE FIRST COLUMN			3. How many working [ITEM] did your household own at the beginning of this agricultural season 2016/2017? IF NONE, RECORD '0' AND (► Q5)	4. How many years ago was this [ITEM] acquired? IF MORE THAN ONE, CONSIDER THE NEWEST IF LESS THAN ONE YEAR, RECORD '0' IF DON'T KNOW, RECORD '99'	5. Has your household acquired any [ITEM] since January 1, 2016? YES....1 NO....2 (► Q7A)	6. How many [ITEM] has your household obtained since January 1, 2016? (► Q7B)
	ID CODE	ID CODE	ID CODE	NUMBER	YEARS		NUMBER
301							
302							
303							
304							
305							
306							
307							
308							
309							
310							
311							
312							
313							
314							
315							
316							
317							
318							
319							
320							
321							
322							
323							
324							
325							
326							
327							
328							

I T E M C O D E	7A.	7B.				8.	9.	10.	11.
	ENUMERATOR: IS Q3 = '0'?	Who is (are) the person(s) that own(s) this [ITEM]? RECORD '97' IN THE FIRST COLUMN IF OWNED BY ALL HOUSEHOLD MEMBERS RECORD ID FROM HH ROSTER LIST UP TO 4 PERSONS				If you wanted to sell one of this [ITEM] today, how much would you receive? IF MORE THAN ONE, CONSIDER THE NEWEST ROUND UP TO THE NEAREST DOLLAR	Has your household disposed any of [ITEM] owned since the beginning of this agricultural season 2016/2017? YES....1 NO....2 (► Q12)	How many [ITEM] has your household disposed of since the beginning of this agricultural season 2016/2017? NUMBER	How much in total did you receive in cash and/or in-kind for [ITEM]? ROUND UP TO THE NEAREST DOLLAR USD
301									
302									
303									
304									
305									
306									
307									
308									
309									
310									
311									
312									
313									
314									
315									
316									
317									
318									
319									
320									
321									
322									
323									
324									
325									
326									
327									
328									

	RENTED IN				RENTED OUT			
I T E M C O D E	12.	13.	14.	15.	16.	17.	18.	19.
	Did your household rent any [ITEM] since the beginning of this agricultural season 2016/2017?	How many [ITEM] has your household rented since the beginning of this agricultural season 2016/2017?	How many days did your household rent [ITEM]?	How much in total has your household paid in cash and/or in-kind to rent [ITEM] since the beginning of this agricultural season 2016/2017?	Was [ITEM] rented out since the beginning of this agricultural season 2016/2017?	How many [ITEM] has your household rented out since the beginning of this agricultural season 2016/2017?	How much in total has your household received in cash and/or in-kind from renting out [ITEM] since the beginning of this agricultural season 2016/2017?	How many days was [ITEM] rented out since the beginning of this agricultural season 2016/2017?
	YES.....1 NO.....2 (► Q16)	NUMBER	DAYS	ROUND UP TO THE NEAREST DOLLAR USD	YES.....1 NO.....2 (► NEXT ITEM)	NUMBER	ROUND UP TO THE NEAREST DOLLAR USD	DAYS
301								
302								
303								
304								
305								
306								
307								
308								
309								
310								
311								
312								
313								
314								
315								
316								
317								
318								
319								
320								
321								
322								
323								
324								
325								
326								
327								
328								

AG CAPITAL FLAP

I T E M C O D E	1.	
	Has your household owned and/or used the following items between January 1, 2016 and December 31, 2016?	
	ASK FOR ALL ITEMS BEFORE MOVING ON TO NEXT QUESTION	
	YES....1 NO....2 (►NEXT ITEM)	

301	Tractor: 90 KW (120hp) or more	
302	Tractor: 37 KW -89KW (50hp - 119hp)	
303	Tractor: Less than 37 KW (50Hp)	
304	Tractor drawn plough	
305	Animal drawn plough	
306	Tractor drawn trailer	
307	Animal drawn trailer	
308	Tractor drawn ridger	
309	Animal drawn ridger	
310	Tractor drawn harrow	
311	Animal drawn harrow	
312	Tractor drawn planter	
313	Animal drawn planter	
314	Tractor drawn harvester	
315	Pickup truck	
316	Water pump	
317	Sprinkler	
318	Scotch carts	
319	Water Bousers	
320	Tobacco baler	
321	Sheller - Mechanical	
322	Sheller - Manual	
323	Tractor boom sprayer	
324	Motorized sprayer	
325	Knapsack sprayer	
326	Wheelbarrow	
327	Yoke	
328	Other (Specify)	

SECTION 17: FOOD SECURITY**[ASK SENIOR FEMALE OR PERSON MOST KNOWLEDGABLE ABOUT THE FOOD CONSUMPTION]**

1. Now I would like to ask you some questions about your household's food consumption in the last 30 days. During the last 30 days, was there a time when:

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
You, or any other adult in your household, were worried you would run out of food because of a lack of money or other resources?	You, or any other adult in your household, were unable to eat healthy and nutritious/preferred foods because of a lack of money or other resources?	You, or any other adult in your household, ate only a few kinds of foods because of a lack of money or other resources?	You, or any other adult in your household, had to skip a meal because there was not enough money or other resources to get food?	You, or any other adult in your household, ate less than you thought you should because of a lack of money or other resources?	Your household ran out of food because of a lack of money or other resources?	You, or any other adult in your household, were hungry but did not eat because there was not enough money or other resources for food?	You, or any other adult in your household, went without eating for a whole day because of a lack of money or other resources?	You, or any other adult in your household, restricted consumption in order for children to eat?	You, or any other adult in your household, borrowed food, or relied on help from a friend or relative?
YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2	YES.....1 NO.....2

--	--	--	--	--	--	--	--	--	--

2.	3.	4.	5.
How many meals, including breakfast are usually taken per day in your household?	In the past 12 months, have you been faced with a situation where you did not have enough food to feed the household?	When did you experience this incident ? IF MORE THAN ONCE, SELECT ALL APPLICABLE MONTHS, SEPARATED BY A COMMA MARCH 2016.....1 OCTOBER 2016....8 APRIL 2016.....2 NOVEMBER 2016...9 MAY 2016.....3 DECEMBER 2016..10 JUNE 2016.....4 JANUARY 2017...11 JULY 2016.....5 FEBRUARY 2017..12 AUGUST 2016.....6 MARCH 2017.....13 SEPTEMBER 2016..7 APRIL 2017.....14	What was the cause of this situation? LIST UP TO 3 IN ORDER OF IMPORTANCE; USE CODES ON THE RIGHT
a. Adults	b. Children (6-59 months)		a. b. c.
NUMBER	NUMBER		1ST 2ND 3RD

--	--	--	--	--	--	--

CODES FOR Q5:

INADEQUATE HOUSEHOLD STOCKS
DUE TO DROUGHT/POOR RAINS.....1

INADEQUATE HOUSEHOLD FOOD STOCKS
DUE TO CROP PEST DAMAGE.....2

INADEQUATE HOUSEHOLD FOOD STOCKS
DUE TO SMALL LAND SIZE.....3

INADEQUATE HOUSEHOLD FOOD STOCKS
DUE TO LACK OF FARM INPUTS.....4

FOOD IN THE MARKET WAS
VERY EXPENSIVE.....5

UNABLE TO REACH THE MARKET DUE TO
HIGH TRANSPORTATION COSTS.....6

NO FOOD IN THE MARKET.....7

FLOODS/WATER LOGGING.....8

OTHER (SPECIFY).....9

SECTION 18: DIETARY DIVERSITY

1. How many meals did the members in your households aged 5 years and above eat <u>yesterday</u> ?	2. Is this the usual number of meals these members have in a day?	3. Over the past 7 days, <u>how many days</u> did you or others in your household consume any sadza, mahewu, maize, maize porridge, rice, sorghum, millet, pasta, bread or other cereals <u>yesterday</u> ? IF NONE, RECORD '0' AND (► Q5)	4. Did you or others in your household consume any sadza, mahewu, maize, maize porridge, rice, sorghum, millet, pasta, bread or other cereals <u>yesterday</u> ?	5. Over the past 7 days, <u>how many days</u> did you or others in your household consume any potatoes, sweet potatoes, yams, plantains, cassava, or any other type of tuber <u>yesterday</u> ? IF NONE, RECORD '0' AND (► Q7)	6. Did you or others in your household consume any potatoes, sweet potatoes, yams, plantains, cassava, or any other type of tuber <u>yesterday</u> ?	7. Over the past 7 days, <u>how many days</u> did you or others in your household consume any beans, peas, groundnuts, peanut butter or cashew nuts <u>yesterday</u> ? IF NONE, RECORD '0' AND (► Q9)	8. Did you or others in your household consume any beans, peas, groundnuts, peanut butter or cashew nuts <u>yesterday</u> ?	9. Over the past 7 days, <u>how many days</u> did you or others in your household consume any vegetables (leaves or root) <u>yesterday</u> ? IF NONE, RECORD '0' AND (► Q11)	10. Did you or others in your household consume any vegetables (leaves or root) <u>yesterday</u> ?	11. Over the past 7 days, <u>how many days</u> did you or others in your household consume any fruits ? IF NONE, RECORD '0' AND (► Q13)	12. Did you or others in your household consume any fruits <u>yesterday</u> ?	13. Over the past 7 days, <u>how many days</u> did you or others in your household consume any beef, goat, pork, chicken, rabbit, game ? IF NONE, RECORD '0' AND (► Q15)
NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER

--	--	--	--	--	--	--	--	--	--	--	--	--

14. Did you or others in your household consume any beef, goat, pork, chicken, rabbit, game <u>yesterday</u> ?	15. Over the past 7 days, <u>how many days</u> did you or others in your household consume any eggs ? IF NONE, RECORD '0' AND (► Q17)	16. Did you or others in your household consume any eggs <u>yesterday</u> ?	17. Over the past 7 days, <u>how many days</u> did you or others in your household consume any fish/kapenta ? IF NONE, RECORD '0' AND (► Q19)	18. Did you or others in your household consume any fish/kapenta <u>yesterday</u> ?	19. Over the past 7 days, <u>how many days</u> did you or others in your household consume any milk, yogurt or any other dairy products ? IF NONE, RECORD '0' AND (► 21)	20. Did you or others in your household consume any milk, yogurt or any other dairy products <u>yesterday</u> ?	21. Over the past 7 days, <u>how many days</u> did you or others in your household consume any sugar, honey, soda, juice, candy, or any other sugary foods or drinks ? IF NONE, RECORD '0' AND (► Q23)	22. Did you or others in your household consume any sugar, honey, soda, juice, candy, or any other sugary foods or drinks <u>yesterday</u> ?	23. Over the past 7 days, <u>how many days</u> did you or others in your household consume any oils, fats, margarine or butter added to food or used for cooking ? IF NONE, RECORD '0' AND (► Q25)	24. Did you or others in your household consume any oils, fats, margarine or butter added to food or used for cooking <u>yesterday</u> ?	25. Over the past 7 days, <u>how many days</u> did you or others in your household consume any tea, coffee, salt, any type of spice, or tomato sauce (condiments) ? IF NONE, RECORD '0' AND (► NEXT SECTION)	26. Did you or others in your household consume any tea, coffee, salt, any type of spice, or tomato sauce (condiments) <u>yesterday</u> ?
YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2	NUMBER	YES.....1 NO.....2

--	--	--	--	--	--	--	--	--	--	--	--	--

SECTION 19: USE RIGHTS FOR LAND HOLDINGS**[THIS SECTION APPLIES ONLY FOR LAND HOLDINGS IN THE SMALL SCALE COMMERCIAL FARMING SECTOR]**

	1.	2.	3.	4.	5.	6.			7.	8.
ENUMERATOR: WHO IS RESPONDING THIS SECTION?	Do you own any land in the small scale commercial farming sector?	Do you, personally, have the right to sell your land holdings?	Have you ever used your land holdings as collateral security?	Do you, personally, have the right to use your land holdings as collateral?	Does anyone else in your household have the right to sell your land holdings or use it as collateral?	Who else in the household has the right to sell your land holdings or use it as collateral?			Which non-household member(s) has(/have) the right to sell your land holdings or use it as collateral?	If you could buy the farmland for your land holdings today, how much would you pay for it?
RECORD ID FROM HH ROSTER	YES....1 NO.....2 (► NEXT SECTION)	YES....1 NO.....2	YES.....1 (► Q5) NO.....2	YES....1 NO.....2	YES....1 NO.....2 (► Q7)	RECORD ID FROM HH ROSTER RECORD UP TO 3			SPOUSE LIVING ELSEWHERE..1 RELATIVE.....2 NON-RELATIVE.....3 NONE4	
ID CODE						ID CODE	ID CODE	ID CODE		USD

SECTION 20: CONTACT INFORMATION

1. In order for us to be able to contact you in the future, could you please provide us with the telephone numbers of some other adult members of this household?

PHONE NUMBER FOR HEAD OF HOUSEHOLD

PHONE : _____

PHONE NUMBERS FOR OTHER HOUSEHOLD MEMBERS:

1A. NAME : _____ ID (FROM ROSTER) _____ PHONE : _____

1B. NAME : _____ ID (FROM ROSTER) _____ PHONE : _____

2. If your household were to move in the next few months, who are two people in this village/town/city who would most likely know your location?

CONTACT INFORMATION FOR **REFERENCE PERSON 1**

2A1. NAME : _____

2A2. RELATION TO HEAD : _____

2A3. PHONE 1 : _____

2A4. ADDRESS _____

CONTACT INFORMATION FOR **REFERENCE PERSON 2**

2B1. NAME : _____

2B2. RELATION TO HEAD : _____

2B3. PHONE 1 : _____

2B4. ADDRESS _____

CROP CODES

FIELD/ANNUAL CROPS				TREE/PERMANENT CROPS	
CROP CODE	CROP NAME	CROP CODE	CROP NAME	CROP CODE	CROP NAME
1	<u>Grain Crops</u>	4	<u>Vegetables</u>	2	<u>Industrial Crops</u>
1110	White Maize	4110	Onions	2111	Coffee
1111	Yellow Maize	4111	Peas	2116	Jatropha
1112	Red Sorghum	4112	Tomatoes	2117	Tea
1113	White Sorghum	4113	Watermelon	2120	Sugarcane
1114	Wheat	4114	Pumpkin	4	<u>Vegetables</u>
1115	Barley	4115	Cucumber	4116	Grapes
1116	Pearl millet (Mhunga/ Nyawuti)	4117	Cabbage	5	<u>Fodder Crops</u>
1117	Finger millet (Rapoko/ Rukweza)	4118	Carrot	5110	Lurcene/Alphapha
1118	Rice	4119	Leafy green	5111	Sorghum fodder
1119	Oats	4120	Beetroot	5112	Rhode grass
1120	Sesame/Uninga	4121	Okra	5113	Star grass
1121	Other grain crops	4122	Green-mealies	6	<u>Citrus Fruits</u>
		4123	Butternut	6110	Oranges
2	<u>Industrial Crops</u>	4124	Other vegetables	6111	Grapefruit
2110	Tobacco			6112	Lemons
2112	Cotton	7000	Other crops	6113	Nartjies
2113	Groundnuts			6114	Tangerine
2114	Sunflowers				<u>Tropical Fruits</u>
2115	Soybeans			6115	Bananas
2118	Castor Beans (Pfuta)			6116	Mangoes
2119	Popcorn			6117	Avocadoes
2121	Hops			6118	Paw paws
				6119	Guavas
3	<u>Other Crops</u>			6120	Pine apples
3110	Roundnut (Nyimo or Ndlibu)			6121	Granadillas
3111	Sweet Potatoes			6122	Litches
3112	Yams			6123	Apples
3113	Cassava			6124	Peaches
3114	Butter beans			6125	Plums
3115	Sugar beans				<u>Tree nuts</u>
3116	Cowpeas (Nyemba)			6126	Pecan nuts
3117	Potatoes			6127	Macadamia nuts
3118	Paprika			6128	Other nuts
					<u>Other Fruits</u>
				6129	Strawberries
				6130	Pomegranate
				6131	Other fruits
				8000	Other tree/permanent crops