



Federal Republic of Nigeria
National Bureau of Statistics (NBS)

NIGERIA
GENERAL HOUSEHOLD SURVEY-PANEL (GHS-PANEL)

Wave 5 (2023/2024)
Post-Planting Visit

Agriculture Questionnaire

CONFIDENTIAL

Federal Republic of Nigeria
National Bureau of Statistics Abuja, Nigeria

GENERAL HOUSEHOLD SURVEY-PANEL

Wave 5 (2023/24) Post-Planting Visit

Agriculture Questionnaire

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

SECTION A-1: HOUSEHOLD IDENTIFICATION

	Name	Code
1. Zone	<input type="text"/>	<input type="text"/>
2. STATE:	<input type="text"/>	<input type="text"/> <input type="text"/>
3. LGA	<input type="text"/>	<input type="text"/> <input type="text"/>
4. SECTOR (Urban=1, Rural=2)	<input type="text"/>	
5. EA	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6. LOCALITY (NAME OF TOWN)	<input type="text"/>	
7. HOUSEHOLD NO.	<input type="text"/> <input type="text"/> <input type="text"/>	
8. NAME OF HOUSEHOLD HEAD:	<input type="text"/>	
9. ADDRESS OF HOUSEHOLD HEAD:	<input type="text"/> <input type="text"/>	
10. NAME OF INTERVIEWER:	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
11. NAME OF SUPERVISOR:	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
12. WHO IS THE MAIN RESPONDENT FOR THIS QUESTIONNAIRE?	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>

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SECTION 11a. PLOT ROSTER

Q0. Is AG1=1 or AG2=1? YES...1
NO...2 ► NEXT SECTION

P L O T I D	1.	2.	3.		4.	4bb	5.
	Please list for me all the plots that you or anyone in your household <u>owned</u> or <u>used for any purpose</u> since the beginning of the agricultural season 2023/2024. Be sure to list all plots whether owned, rented, or used for free including cultivated, dwelling, pastureland, forest, and business/commercial plots. WRITE A SHORT DESCRIPTION OF THE PLOT.		What is the area of [PLOT]? ENUMERATOR: ASK THE FARMER TO ESTIMATE THE AREA. UNITS HEAPS.....1 RIDGES.....2 STANDS.....3 ACRES.....5 HECTARES.....6 SQUARE METERS.....7 100 BY 100 SQUARE FOOT.....8 100 BY 50 SQUARE FOOT.9 1 FOOTBALL FIELD.....10		Since the beginning of the agricultural season 2023/24, did anyone in your household cultivate [PLOT]? YES...1 ► Q5 NO...2	Is there a permanent building structure such as dwelling, commercial shop, storage on this plot? YES...1 NO...2	Who in the household is the decisionmaker(s) for [PLOT]? ENUMERATOR: FOR THE FOLLOWING SECTIONS ABOUT THE PLOT, ASK THE PLOT MANAGER FOR INFORMATION. A DECISIONMAKER IS THE PERSON WHO MAKES DECISIONS CONCERNING CROPS TO BE PLANTED, DECISION TO CULTIVATE, INPUT USE AND THE TIMING OF CROPPING ACTIVITIES SELECT UP TO 4. SELECT THE PRIMARY DECISION MAKER FIRST THEN SECONDARY SECOND, AND SO ON.
			FARMER'S RECALL				
	PLOT NAME	PLOT DESCRIPTION	NUMBER	UNIT			ID CODE
1			— — — — . — —				
2			— — — — . — —				
3			— — — — . — —				
4			— — — — . — —				
5			— — — — . — —				
6			— — — — . — —				
7			— — — — . — —				
8			— — — — . — —				
9			— — — — . — —				
10			— — — — . — —				

SECTION 11M. GPS MEASUREMENT

Q0. CAPI: IS AG1=1 OR AG2=1? YES...1
NO....2 >> NEXT SECTION

P L O T I D	1.	2.	3.	3a.	4.	5.		6.	
	ENUMERATOR: WAS [PLOT] MEASURED BY GPS? YES...1 NO....2 ►Q4	ENUMERATOR: MAKE SURE YOU SAVE THE PLOT AREA ON THE GPS DEVICE.	RECORD THE AREA OF THE [PLOT] FROM THE GPS MEASUREMENT. DO NOT OMIT RECORDING ZEROS TO THE RIGHT OF THE DECIMAL POINT.	RECORD THE GPS READING A SECOND TIME	WHY WAS [PLOT] NOT MEASURED USING GPS? TOO FAR.....1 THE FIELD IS OUT OF LGA.....2 UNWILLINGNESS OF THE HOLDER.....4 OTHER (SPECIFY)....5	WHY WAS [PLOT] NOT MEASURED USING THE SUSO FEATURE?	ENUMERATOR: RECORD THE COORDINATES FOR THE CENTER POINT OF THE [PLOT].		ENUMERATOR: TAKE A PICTURE OF THE PLOT FROM ONE OF THE CORNERS.
			GPS MEASURED IN SQ. METER		(► NEXT SECTION)	LATITUDE (N)	LONGITUDE (E)		
1			— . —	— . —			° — . —	° — . —	
2			— . —	— . —			° — . —	° — . —	
3			— . —	— . —			° — . —	° — . —	
4			— . —	— . —			° — . —	° — . —	
5			— . —	— . —			° — . —	° — . —	
6			— . —	— . —			° — . —	° — . —	
7			— . —	— . —			° — . —	° — . —	
8			— . —	— . —			° — . —	° — . —	
9			— . —	— . —			° — . —	° — . —	
10			— . —	— . —			° — . —	° — . —	

SECTION 11B. LAND INVENTORY

P L O T I D	FILTER	2. ENUMERATOR:WHO IS RESPONDING FOR [PLOT]?	3. In what year was [PLOT] acquired by the household?	4. How was [PLOT] acquired? INSTRUCTION: FOR RENTED PLOTS CONSIDER PAYMENTS EITHER IN CASH OR IN-KIND GOODS FROM OTHER HOUSEHOLDS PURCHASED.....1 RENTED IN.....2 ▶ Q20 USED FREE OF CHARGE.....3 ▶ Q17 GRANTED BY CUSTOMARY/COMMUNITY AUTHORITIES.....4 ▶ Q7 FAMILY INHERITANCE.....5 ▶ Q7 SHARECROPPED IN.....6 ▶ Q29 TEMPORARY LAND EXCHANGE.....7 ▶ Q43 ALLOCATED BY GOVERNMENT.....8 ▶ Q7 GIFTED FROM NON-HOUSEHOLD MEMBER....9 ▶ Q7	5. Under which tenure system is this [PLOT]? CUSTOMARY.....1 FREEHOLD.....2 LEASEHOLD.....3 STATE.....4 COMMUNITY/GROUP RIGHT....5 COOPERATIVES.....6 OTHER (SPECIFY)96
		ID CODE	YEAR (YYYY)		
1	YES...1 NO....2 >> NEXT PLOT				
2					
3					
4					
5					
6					
7					
8					
9					
10					

SECTION 11B. LAND INVENTORY

OWNED							USED FOR FREE			
	6.	7.	8.	9.	10.	11.	12.	17.	18.	19.
P L O T I D	How much in total was paid for [PLOT] (Include both cash and payments in-kind)?	Which person(s) in the household own(s) [PLOT]? PROBE & SELECT ALL THAT APPLY	Do you or any other member of your household have a legal title or any other document that verifies the rights of occupancy for [PLOT]? YES...1 NO....2 ► Q12	What type of legal title or other document did your household acquire for [PLOT]? MULTIPLE RESPONSES ALLOWED TITLE DEED.....4 CERTIFICATE OF OCCUPANCY..1 CUSTOMARY CERTIFICATE OF OCCUPANCY.....3 RIGHT OF OCCUPANCY.....2 UNREGISTERED PURCHASE AGREEMENT.....5 REGISTERED PURCHASE AGREEMENT.....6 FAMILY RECEIPT7 UNREGISTERED SURVEY PLAN.....8 APPROVED SURVEY PLAN.....9 BUILDING PLAN.....10 GOVERNMENT ALLOCATION RECEIPT.....11 RECEIPT/WRITTEN AGREEMENT.....12 OTHER (SPECIFY).....96 DON'T KNOW.....99	Under whose name(s) did your household acquire [ANSWER IN Q9] for this [PLOT] PROBE AND SELECT ALL THAT APPLY	In total, how much did your household pay for the legal title(s) and other document(s) for [PLOT]? INCLUDE ALL PAYMENTS FOR ALL LEGAL TITLES TOO EXPENSIVE.....1 DO NOT KNOW WHERE OR HOW TO APPLY.....2 NOT NECESSARY.....4 FAMILY LAND.....5 COMMUNITY LAND...6 OTHER (SPECIFY) ..96	Why have you or any other household member <u>NOT</u> acquired a LEGAL TITLE that verifies the Rights of Occupancy to [PLOT]? PROBE & SELECT ALL THAT APPLY IN ORDER OF IMPORTANCE TOO EXPENSIVE.....1 DO NOT KNOW WHERE OR HOW TO APPLY.....2 NOT NECESSARY.....4 FAMILY LAND.....5 COMMUNITY LAND...6 OTHER (SPECIFY) ..96	Do you or anyone in your household have a written agreement with the land owner regarding your use of [PLOT]? YES...1 NO....2 ► Q31	Are any members of your household listed on the written agreement for [PLOT]? YES...1 NO....2 ► Q31	Whose name(s) are listed on the agreement with the land owner for [PLOT]? PROBE AND SELECT ALL THAT APPLY
	NAIRA	ID CODE			ID CODE	NAIRA	>> Q31			>> Q31
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

SECTION 11B. LAND INVENTORY

RENTING IN											
P L O T I D	20.	21.	22.	23.	24.	24a	24b	25.	26.	27a	27b
	How much have you paid, <u>in cash</u> , for renting [PLOT]?	What period did this <u>cash</u> payment cover?	What is the value of any <u>payments in-kind</u> you have made for renting [PLOT]?	What period did this <u>in-kind</u> payment cover?	Do you have a written or oral contract for this rental agreement for [PLOT]?	Is there a witness for the oral agreement for [PLOT]?	Is the written contract registered for [PLOT]?	Who in the household is listed on the written contract for rental of [PLOT]?	Who in the household has use rights to [PLOT]?	For how long is the agreement for renting [PLOT]?	ENUMERATOR: SELECT THE PERIOD
		ONE YEAR.....1 6MONTHS.....2 RAINY SEASON...3 DRY SEASON.....4 OTHER (SPECIFY).....96		ONE YEAR.....1 6MONTHS.....2 RAINY SEASON...3 DRY SEASON.....4 OTHER (SPECIFY)..96	WRITTEN...1 >>Q24b ORAL.....2	YES...1 NO.....2 >> Q26	YES...1 NO.....2	PROBE & SELECT ALL THAT APPLY	PROBE & SELECT ALL THAT APPLY		DAYS.....1 MONTHS...2 YEARS....3
	IF 0 >> Q22		IF 0 >> Q24					>> Q27a			>> Q56
	NAIRA		NAIRA					ID CODE	ID CODE	NUMBER	PERIOD
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

SECTION 11B. LAND INVENTORY

SHARECROPPED IN		USE RIGHTS							
	29.	30.	31.	32.	33.	34.	35.	36.	37.
P L O T I D	For this 2023/24 agricultural season, what is the percentage of output that you <u>paid</u> or would pay to the landowner as part of the share cropping agreement?	For this 2023/24 agricultural season, what is the total value of any <u>payments in-kind</u> you have to make to the landowner as part of the sharecropping agreement?	Do you, personally, have the right to sell [PLOT] ? YES...1 NO....2	Have you ever used [PLOT] as collateral security? YES...1 >> Q34 NO....2	Do you, personally, have the right to use [PLOT] as collateral? YES...1 NO....2	Does anyone else in your household have the right to sell [PLOT] or use it as collateral? YES...1 NO....2 >> Q36	Who else in the household has the right to sell [PLOT] or use it as collateral? PROBE & SELECT ALL THAT APPLY	Will [PLOT] be inherited by a current HH member, a person outside the household or both? CURRENT MEMBERS ONLY.....1 PERSONS OUTSIDE HOUSEHOLD ONLY....2 >> Q38 BOTH.....3 DON'T KNOW YET....4 >> Q39	Which household member(s) will inherit [PLOT]? PROBE & SELECT ALL THAT APPLY
	RECORD PERCENTAGE AND SKIP TO Q31 OR RECORD IN NAIRA VALUE.....999	EQUIVALENT IN NAIRA							IF Q36=1 >> Q39
	PERCENT	NAIRA					ID CODE		ID CODES
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

SECTION 11B. LAND INVENTORY

USE RIGHTS					
P L O T I D	38. Which person(s) outside the household will inherit [PLOT]? PROBE AND SELECT ALL THAT APPLY SON.....1 DAUGHTER.....2 OTHER RELATIVE.....3 FRIEND/NEIGHBOUR.....4 VILLAGE/COMMUNITY HEAD(S)....5 TRADITIONAL AUTHORITY.....6 EMPLOYER.....7 GOVERNMENT.....8 OTHER (SPECIFY)96 DON'T KNOW.....99	39. Do you, or another member of the household have the right to BEQUEATH [PLOT]? YES...1 NO....2 >> Q41	40. Who in the household has the right to bequeath [PLOT]? PROBE & SELECT ALL THAT APPLY >> Q42	41. Who has the right to BEQUEATH [PLOT]? OTHER FAMILY MEMBERS OUTSIDE THE HOUSEHOLD.....50 HOUSEHOLD WHO OWNS PLOT...57 CLAN LEADER/ ELDERS.....51 VILLAGE CHIEF.....52 GROUPS OF HOUSEHOLDS.....53 DON'T KNOW.....99 OTHER (SPECIFY)96	42. On a scale from 1 to 5, where 1 is not at all likely and 5 is extremely likely, how likely are the household members that own or have use rights over [PLOT] to involuntarily lose ownership or use rights to this [PLOT] in the next 5 years? 1 - Not at all likely [to lose ownership/use rights].....1 2 - Slightly likely [to lose ownership/use rights].....2 3 - Moderately likely [to lose ownership/use rights].....3 4 - Very likely [to lose ownership/use rights].....4 5 - Extremely likely [to lose ownership/use rights].....5
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
10					

SECTION 11B. LAND INVENTORY

VALUE & USE			RENTED OUT					
43.	44.	45.	46.	47.	48.	49.	50.	
<p>If [PLOT] were to be sold today, how much could it be sold for? (IF Q4=1,3,4,5,7,9)</p> <p>P ENUMERATOR: L ASK O RESPONDENT T TO ESTIMATE VALUE EVEN IF I PLOT CANNOT D BE SOLD</p>	<p>What was the main use of [PLOT] since the beginning of this agricultural season?</p> <p>LEFT FALLOW.....1 RENTED OUT.....2 >> Q46 SHARECROPPED OUT.....3 >> Q54 GIVEN OUT FOR FREE....4 >> Q56 FOREST/WOODLOT5 >> NEXT PLOT PASTURE6 >> NEXT PLOT RESIDENTIAL/DWELLING..8 >> NEXT PLOT COMMERCIAL/BUSINESS...9 >> NEXT PLOT OTHER (SPECIFY).....96 >> NEXT PLOT</p>	<p>Including the current season, for how many consecutive years has [PLOT] been left fallow?</p>	<p>Including the current season, for how many consecutive years has [PLOT] been rented out?</p>	<p>How much were you paid <u>in cash</u>, for the rental of [PLOT]?</p> <p>WRITE 0 IF NO CASH PAYMENT</p>	<p>What period did this <u>cash</u> payment cover?</p> <p>ONE YEAR.....1 6 MONTHS.....2 RAINY SEASON.....3 DRY SEASON.....4 OTHER (SPECIFY)..96</p>	<p>What was the value, in Naira, of any <u>in-kind</u> <u>payment</u> you received for the rental of [PLOT] ?</p> <p>ASK RESPONDENT TO ESTIMATE IN-KIND PAYMENTS IN NAIRA</p> <p>WRITE 0 IF NO INKIND PAYMENT</p>	<p>What period did this in-kind payment cover?</p> <p>ONE YEAR.....1 6 MONTHS.....2 RAINY SEASON.....3 DRY SEASON.....4 OTHER (SPECIFY)..96</p>	
		>> Q61						
NAIRA		NUMBER OF YEARS	NUMBER OF YEARS	NAIRA		NAIRA		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

SECTION 11B. LAND INVENTORY

[illegible]

SECTION 11B. LAND INVENTORY

IRRIGATION					
	56.	57.	58.	59.	60.
P L O T I D	Was [PLOT] irrigated anytime during the agricultural season 2023/2024?	What is the source of irrigation water on [PLOT]?	What systems of irrigation are on [PLOT]?	Is the irrigation on [PLOT] seasonal or year round?	Who manages the irrigation system that is used on [PLOT]?
	YES...1 NO....2 >> Q61	WELL.....1 BOREHOLE.....2 LAKE/NATURAL POND...3 CREATED POND.....4 RIVER/ STREAM.....5 OTHER (SPECIFY)96	PROBE & SELECT ALL THAT APPLY DIVERT STREAM...1 BUCKET.....2 HAND PUMP.....3 TREADLE PUMP...4 MOTOR PUMP.....5 GRAVITY.....6 SHADOUF.....7 SPRINKLER.....8 OTHER (SPECIFY) .96	SEASONAL.....1 YEAR ROUND...2	SELF/HOUSEHOLD MANAGED.....1 COMMUNITY FARMER.....2 AGENCY MANAGED.....3 COMMUNITY MANAGED.....4 OTHER (SPECIFY)96

SECTION 11B. LAND INVENTORY

SOIL TYPE & QUALITY									TRACTOR USE	
	61.	62.	63.	64.	65.	66.	67.	68.	69.	70.
P L O T I D	What is the predominant soil type of [PLOT]? READ ANSWERS	What is the soil quality of [PLOT]? READ OPTIONS	What is the slope of [PLOT]? READ OPTIONS	During the last completed season, were there any problems with erosion on [PLOT]?	What was the <u>main</u> cause of these erosion problems on [PLOT]?	Do you have erosion control / water harvesting facility on [PLOT]?	What erosion control/water harvesting facility is on [PLOT]? PROBE & SELECT ALL THAT APPLY	When was the most recent investment made on erosion control/water harvesting facility for [PLOT]?	Were any tractors used for land preparation on [PLOT]?	Why were tractors not used for land preparation?
	Sand.....1 Clay.....2 Mainly Mixture Of Sand And Clay...3 Forest Soil Rich Clayey Loam)...4 Loamy.....5 Other (Specify)...96	Good..1 Fair..2 Poor..3	Fla.....1 Slight Slope....2 Moderate Slope....3 Steep, Hilly....4	YES...1 NO....2 >> Q66	TERRAIN.....1 FLOODING.....2 RAIN.....7 WIND.....3 ANIMALS.....4 CULTIVATION...5 OTHER SPECIFY)96	YES...1 NO....2 >> Q69	TERRACES.....1 GABIONS/SANDBAGS...2 GRASSES.....3 TREE BELTS.....4 WATER HARVEST BUNDS.....5 DRAINAGE DITCHES...6 DAM.....7 STONE BUNDS.....8 EARTH BUNDS.....9 OTHER (SPECIFY)96	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 >> NEXT PLOT NO....2	PLOWING / TRACTOR NOT NEEDED..1 TRACTORS NOT AVAILABLE...2 TOO EXPENSIVE...3 PLOT NOT SUITABLE/ ACCESSIBLE..4 OTHER (SPECIFY) ..96

SECTION 11C1. HOUSEHOLD LABOR

S11CQ0. Have you or any member of your household started to work on crop cultivation activities including land preparations for the 2023/24 agricultural season?

YES...1
NO...2 >> NEXT SECTION

S11CQ0a. When did you or any member of your household start to work on preparations for the 2023/24 agricultural season?

Now I would like to ask you about the plot you planted during this planting season (REFER TO SECTION 11A1, QUESTION 4 FOR CULTIVATED PLOTS)

PLOT ID	CAPI	FILTER1	1a.	1b.	1c.	1d.					
						What activities has [NAME] performed on [PLOT] during the 2023/24 agricultural season ?					
	WAS [PLOT] CULTIVATED DURING THE AGRICULTURAL SEASON 2023/24?	IS [NAME] 5 YEARS OR OLDER?	Since your household started to work on crop cultivation activities on [Q0a], has [NAME] worked on any crop cultivation activities on [PLOT]?	Since [Q0a], on how many days per week has [NAME] worked on crop cultivation activities typically on [PLOT] ?	During those days, how many hours per day did [NAME] work on crop cultivation activities typically on [PLOT]?	SELECT ALL THAT APPLY					
						DO NOT READ OUT THE LIST OF ACTIVITIES TO THE RESPONDENT					
	YES...1 NO...2 ► NEXT PLOT	YES...1 NO...2 ► NEXT PERSON	YES...1 NO...2 ►	DAYS (TOTAL)	HOURS PER DAY	Land Preparation	Planting	Weeding	Ridging, Fertilizing, Other Non-Harvest Activities	Harvesting	Supervision
1	1										
1	2										
1	3										
1	⋮										
2	1										
2	2										
2	3										
2	⋮										
⋮	⋮										

SECTION 11C2. HIRED AND EXCHANGE LABOR

		HIRED LABOR									
P L O T I D	P E R S O N T Y P E	2.	3.	4.	5.	6.	7.				
		Since your household started to work on crop cultivation activities on [PLOT] for this 2023/24 agricultural season, did your household <u>hire</u> any [PERSON TYPE] to work on [PLOT]? YES...1 NO....2 ► NEXT PERSON- TYPE-PLOT	Since your household started to work on crop cultivation activities on [PLOT], how many [PERSON TYPE] did you or anyone else in your household <u>hire</u> to work on [PLOT]?	Since your household started to work on crop cultivation activities on [PLOT], on how many days did a typical hired [PERSON TYPE] work on [PLOT]?	How many hours <u>per day</u> did a typical hired [PERSON TYPE] work on [PLOT]?	Normally, how much did your household pay <u>per day</u> to a hired [PERSON TYPE] to work on [PLOT]? INCLUDE IN-KIND PAYMENTS	What activities did the hired [PERSON TYPE] perform on [PLOT]? SELECT ALL THAT APPLY DO NOT READ OUT THE LIST OF ACTIVITIES TO THE RESPONDENT				
			NUMBER	DAYS	HOURS PER DAY	NAIRA PER DAY	Land Preparation	Planting	Weeding	Ridging, Fertilizing, Other Non-Harvest	Harvesting
1	MEN (15 YEARS AND OLDER)										
1	WOMEN (15 YEARS AND OLDER)										
1	CHILDREN (UNDER 15)										
2	MEN (15 YEARS AND OLDER)										
2	WOMEN (15 YEARS AND OLDER)										
2	CHILDREN (UNDER 15)										
3	MEN (15 YEARS AND OLDER)										
3	WOMEN (15 YEARS AND OLDER)										
3	CHILDREN (UNDER 15)										

SECTION 11C2. HIRED AND EXCHANGE LABOR

		EXCHANGE LABOR								
P L O T I D	P E R S O N T Y P E	8.	9.	10.	11.	12.				
		Since your household started to work on crop cultivation activities on [PLOT] have any [PERSON TYPE] from other households worked on this [PLOT] <u>free of charge, as exchange labourers or to assist for nothing in return?</u> YES...1 NO...2 ► NEXT PERSON- TYPE-PLOT	Since your household started to work on crop cultivation activities on [PLOT], how many [PERSON TYPE] worked on [PLOT] <u>without pay?</u>	Since your household started to work on crop cultivation activities on [PLOT] on how many <u>days</u> did a typical [PERSON TYPE] work without pay on [PLOT]?	How many hours <u>per day</u> , did a typical [PERSON TYPE] work without pay, on [PLOT]?	What activities did [PERSON TYPE] perform on [PLOT] without pay? SELECT ALL THAT APPLY DO NOT READ OUT THE LIST OF ACTIVITIES TO THE RESPONDENT				
			NUMBER	DAYS	HOURS PER DAY	Land Preparation	Planting	Weeding	Ridging, Fertilizing, Other Non-Harvest Activities	Harvesting
1	MEN (15 YEARS AND OLDER)									
1	WOMEN (15 YEARS AND OLDER)									
1	CHILDREN (UNDER 15)									
2	MEN (15 YEARS AND OLDER)									
2	WOMEN (15 YEARS AND OLDER)									
2	CHILDREN (UNDER 15)									
3	MEN (15 YEARS AND OLDER)									
3	WOMEN (15 YEARS AND OLDER)									
3	CHILDREN (UNDER 15)									

SECTION 11F. PLANTED FIELD AND TREE CROPS

		FIELD CROPS						
P L O T I D	C R O P I D	1.	2.	3.	4.	5a.	5b.	5c.
		Please list all the field and tree crops that you have cultivated since the beginning of this agricultural season and the tree crops that you have on [PLOT]. ENUMERATOR: START WITH THE FIRST PLOT THE RESPONDENT (PLOT MANAGER) MANAGES AND RECORD EACH CROP, USING A SEPARATE ROW FOR EACH ONE. THEN ASK ABOUT THE CROPS ON THE SECOND PLOT THIS RESPONDENT MANAGES. CONTINUE UNTIL ALL PLOTS MANAGED BY THIS RESPONDENT HAVE BEEN COVERED. REPEAT THIS SECTION FOR ALL OTHER PLOT MANAGERS IDENTIFIED IN SECTION 11.a, QUESTION 5	CAPI: IS [CROP] A FIELD CROP OR TREE CROP ON [PLOT]? FIELD CROP.....1 TREE /PERMANENT CROP.....2 ►Q13	During the 2023/24 agricultural season approximately what percent of [PLOT] is planted with [CROP]? IN PERCENT. ENTIRE PLOT (100%).....100 3/4 THREE QUARTERS (75%)..75 2/3 TWO THIRDS (66%).....66 1/2 HALF (50%).....50 1/3 ONE THIRD (33%).....33 1/4 ONE QUARTER (25%)....25	Is the [CROP] on [PLOT] a purestand or inter-cropped with another crop? METHODS PURESTAND.....1 INTER-CROPPING...2	What was the <u>total</u> quantity of [CROP] [seed/tubers/stems] planted on [PLOT] since this 2023/24 agricultural season?		
		CROP NAME		%		QTY	UNIT	SIZE

SECTION 11F. PLANTED FIELD AND TREE CROPS

FIELD CROPS									
P L O T I D	C R O P I D	6.	7.	8.	9.	10.	11.		12.
		Were the [CROP] [seeds/tubers/stems] planted on [PLOT] improved seeds or traditional/local seeds? Improved.....1 Traditional/ local.....2 ► Q11	Were the [CROP] seed used on [PLOT] certified? YES...1 NO....2 DON'T KNOW...99	What is the name of the improved [CROP] seed variety used on [PLOT]?	Was [CROP] seed acquired freshly this 2023/24 agricultural season? (That is, not recycled from previously cultivated seeds by you or another farmer)? YES...1 ► Q11 NO....2	For how many consecutive times/seasons has your household been replanting/recycling/reusing this [CROP] seed variety since it was last acquired?	When was most of the [CROP] seeds planted on [PLOT] during this 2023/24 agricultural season? JANUARY.....01 FEBRUARY.....02 MARCH.....03 APRIL.....04 MAY.....05 JUNE.....06 JULY.....07 AUGUST.....08 SEPTEMBER.....09 OCTOBER.....10 NOVEMBER.....11 DECEMBER.....12		CAPI: IS THE CROP PLANTED ON [PLOT] CASSAVA? YES...1 ► Q19 NO....2 ► Q24a
						NUMBER	MONTH	YEAR (4-DIGIT) 2022 or 2023	

SECTION 11F. PLANTED FIELD AND TREE CROPS

TREE/PERMANENT CROPS								
P	C	13.	14.	15.	16.	17.	18.	19.
P L O T I D	C R O P I D	Are the [TREE/ PERMANENT CROP] trees planted on [PLOT] part of an orchard or a plantation?	During the 2023/24 agricultural season, approximately what percent of [PLOT] is planted with [CROP]? IF ENTIRE PLOT, RECORD 100. IF HALF, RECORD 50. ETC. ENTIRE PLOT (100%).....100 3/4 THREE QUARTERS (75%)...75 2/3 TWO THIRDS (66%).....66 1/2 HALF (50%).....50 1/3 ONE THIRD (33%).....33 1/4 ONE QUARTER (25%).....25	How many [TREE / PERMANENT CROP] trees/plants are on [PLOT]? IF THE FARMER IS UNABLE TO QUANTIFY, RECORD 99	In what year were most of these [TREE/PERMANENT CROP] trees/plants planted on [PLOT]? IF DON'T KNOW RECORD 99	How many [TREE/PERMANENT CROP] trees/plants were planted since the beginning of this 2023/24 agricultural season on [PLOT]? IF ZERO ► Q19	Were the trees/plants/seeds of [TREE/PERMANENT CROP] planted on [PLOT] improved or traditional? Improved.....1 Traditional/ local.....2	Has [TREE/ PERMANENT CROP] on [PLOT] ever been harvested? YES...1 NO....2 ► Q24a
			%	NUMBER	YEAR (4-DIGIT)	NUMBER		

SECTION 11F. PLANTED FIELD AND TREE CROPS

TREE/PERMANENT CROPS											
		20a.	20b.	20c.	20d.	21.	22.	23a.	23b.	23c.	23d.
P L O T I D	C R O P I D	What was the last <u>completed</u> (Harvest) production period for [TREE / PERMANENT CROP] on [PLOT]?				Were there any losses of [TREE / PERMANENT CROP] before the last completed harvest?	What was the main cause of the losses of [TREE / PERMANENT CROP] on [PLOT]?	How much [TREE / PERMANENT CROP] on [PLOT] did you harvest during the last completed harvest production period?			
		JANUARY.....01 FEBRUARY.....02 MARCH.....03 APRIL.....04 MAY.....05 JUNE.....06 JULY.....07 AUGUST.....08 SEPTEMBER.....09 OCTOBER.....10 NOVEMBER.....11 DECEMBER.....12 NO SPECIFIC PRODUCTION PERIOD.....99				YES...1 NO....2 ► Q23a	SELECT UP TO TWO LATE ONSET OF RAINS...1 TOO HEAVY RAINS/HAILSTORMS.....2 EROSION.....3 FIRE.....4 INSECTS/PESTS.....5 ANIMALS.....6 THEFT.....7 DISEASES.....8 COMMUNITY PROBLEMS...9 LACK OF LABOR.....10 EARLY ONSET OF RAINS.11 ERRATIC RAINS.....12 FLOODING.....13 DROUGHT.....14 WATERLOGGING.....15 MUDSLIDES/LANDSLIDES.16 EXTREMELY STRONG WINDS.....17 CYCLONE/TORNADO.....18 VERY HIGH TEMPERATURES.....19 OTHER (SPECIFY).....96	CONDITION/TYPE CODES UNSHELLED.....1 SHELLED.....2 SEE PRODUCTION UNIT CODES			
		BEGIN		END							
		MONTH	YEAR (4-DIGIT)	MONTH	YEAR (4-DIGIT)			CONDITION / TYPE	QTY	UNIT	SIZE

SECTION 11F. PLANTED FIELD AND TREE CROPS

EXPECTATIONS							
P L O T I D	C R O P I D	24a.	24b.	24c.	24d.	25.	26.
		How much of [TREE / PERMANENT CROP] do you expect to harvest from [PLOT] during this agricultural season?				Do you intend to sell any of the [TREE / PERMANENT CROP] that will be harvested on [PLOT] during this agricultural season either in <u>raw</u> or <u>processed form</u> ?	How likely is it that [TREE / PERMANENT CROP] on [PLOT] will be damaged or lost because of bad weather conditions or extreme events such as floods, droughts, very high temperatures, etc. during this 2023/24 agricultural season?
		<p><u>CONDITION/TYPE CODES</u></p> <p>UNSHELLED.....1 SHELLED.....2 PUMPKIN LEAVE.....91 PUMPKIN FRUIT.....92 PUMPKIN SEED.....93</p> <p>SEE PRODUCTION UNIT CODES</p>				<p>YES...1 NO....2</p>	<p>READ OPTIONS</p> <p>Not likely.....1 Somewhat likely...2 Very likely.....3</p>
		CONDITION / TYPE	QUANTITY	UNIT	SIZE		

SECTION 11F. PLANTED FIELD AND TREE CROPS

CROP CODES

CROP	CODE	CROP	CODE	CROP	CODE
BEANS/COWPEA	1010	GARDEN EGG	2080	ZOBO	2290
CASSAVA	1020	GARLIC	2090	APPLE	3010
COCOYAM	1040	GINGER	2100	CASHEW	3020
COTTON	1050	OKRO	2120	COCOA	3040
GROUND NUT/PEANUTS	1060	ONION	2130	COCONUT	3050
GUINEA CORN/SORGHUM	1070	SWEET/BELL PEPPER (TATASHE)	2141	COFFE	3060
MAIZE	1080	SMALL PEPPER (RODO)	2142	GRAPE FRUIT	3080
MELON/EGUSI	1090	CHILLI PEPPER (SHOMBO)	3030	GUAVA	3090
MILLET/MAIWA	1100	PIGEON PEA	2150	KOLANUT	3110
RICE	1110	PINEAPPLE	2160	LEMON	3120
WHITE YAM	1121	PLANTAIN	2170	LIME	3130
YELLOW YAM	1122	IRISH POTATO	2180	MANDARIN/TANGERINE	3150
WATER YAM	1123	SWEET POTATO	2181	MANGO	3160
THREE LEAVE YAM	1124	PUMPKIN	2190	ORANGE	3170
ACHA	2010	GREEN VEGETABLE	2194	OIL PALM TREE	3180
BAMBARA NUT	2020	SOYA BEANS	2220	AGBONO(ORO SEED)	3190
BANANA	2030	SUGAR CANE	2230	OIL BEAN	3200
BEENI-SEED/SESAME	2040	TEA	2240	PAWPAW	3210
CARROT	2050	TOBACCO	2250	PEAR	3220
CUCUMBER	2060	TOMATO	2260	AVOCADO PEAR	3221
CABBAGE	2070	WALNUT	2270	RUBBER	3230
LETUS	2071	WHEAT	2280	OTHER(SPECIFY)	9999

SECTION 11F. PLANTED FIELD AND TREE CROPS

TREE / PERMANENT CROPS

CROP	CODE	CROP	CODE	CROP	CODE
IMPROVED BEANS/COWPEA	10101	IMPROVED YELLOW YAM	11221	TEA	22400
TRADITIONAL BEANS/COWPEA	10102	TRADITIONAL YELLOW YAM	11222	IMPROVED TOBACCO	22501
IMPROVED CASSAVA	10201	IMPROVED WATER YAM	11231	TRADITIONAL TOBACCO	22502
TRADITIONALCASSAVA	10202	TRADITIONAL WATER YAM	11232	IMPROVED TOMATO	22601
IMPROVED COCOYAM	10401	IMPROVED THREE LEAVE YAM	11241	TRADITIONAL TOMATO	22602
TRADITIONAL COCOYAM	10402	TRADITIONAL THREE LEAVE YAM	11242	WALNUT	22700
IMPROVED COTTON	10501	IMPROVED ACHA	20101	IMPROVED WHEAT	22801
TRADITIONAL COTTON	10502	TRADITIONAL ACHA	20102	TRADITIONAL WHEAT	22802
IMPROVED GROUND NUT/PEANUTS.	10601	IMPROVED BAMBARA NUT	20201	IMPROVED ZOBO	22901
TRADITIONAL GROUND NUT/PEANUTS	10602	TRADITIONAL BAMBARA NUT	20202	TRADITIONAL ZOBO.	22902
IMPROVED GUINEA CORN/SORGHUM	10701	BANANA	20300	APPLE	30100
TRADITIONAL GUINEA CORN/SORGHUM	10702	IMPROVED BEENI-SEED/SESAME	20401	CASHEW	30200
IMPROVED MAIZE	10801	TRADITIONAL BEENI-SEED/SESAME	20402	COCOA	30400
TRADITIONAL MAIZE	10802	IMPROVED CARROT.	20501	COCONUT	30500
IMPROVED MELON	10901	TRADITIONAL CARROT	20502	COFFE	30600
TRADITIONAL MELON	10902	IMPROVED CUCUMBER.	20601	GRAPE FRUIT	30800
IMPROVED MILLET/MAIWA	11001	TRADITIONAL CUCUMBER	20602	GUAVA	30900
TRADITIONAL MILLET/MAIWA	11002	IMPROVED CABBAGE	20701	KOLANUT	31100
IMPROVED RICE	11101	TRADITIONAL CABBAGE.	20702	LEMON	31200
TRADITIONAL RICE	11102	IMPROVED LETUS	20711	LIME	31300
IMPROVED WHITE YAM	11211	TRADITIONAL LETUS	20712	MANDARIN/TANGERINE	31500
TRADITIONAL WHITE YAM	11212	IMPROVED GARDEN EGG	20801	MANGO	31600
				ORANGE	31700
				OIL PALM TREE	31800
				AGBONO (ORO SEED)	31900
				OIL BEAN	32000
				PAWPAW	32100
				PEAR	32200
				AVOCADO PEAR	32210
				RUBBER	32300
				OTHER	99900

CROP	CODE	CROP	CODE
TRADITIONAL GARDEN EGG	20802	TRADITIONAL SMALL PEPPER (RODO)	21422
IMPROVED GARLIC	20901	IMPROVED PIGEON PEA	21501
IMPROVED GINGER	21001	TRADITIONAL PIGEON PEA	21502
TRADITIONAL GINGER	21002	PINEAPPLE	21600
IMPROVED OKRO	21201	PLANTAIN	21700
TRADITIONAL OKRO	21202	IMPROVED IRISH POTATO	21801
IMPROVED ONION	21301	TRADITIONAL IRISH POTATO	21802
TRADITIONAL ONION	21302	IMPROVED SWEET POTATO	21811
IMPROVED SWEET/BELL PEPPER (TATASHE)	21411	TRADITIONAL SWEET POTATO	21812
TRADITIONAL SWEET/BELL PEPPER (TATASHE)	21412	IMPROVED PUMPKIN	21901
IMPROVED SMALL PEPPER (RODO)	21421	TRADITIONAL PUMPKIN	21902
		IMPROVED GREEN VEGETABLE	21941
		TRADITIONAL GREEN VEGETABLE	21942
		IMPROVED SOYA BEANS	22201
		TRADITIONAL SOYA BEANS	22202
		IMPROVED SUGAR CANE	22301
		TRADITIONAL SUGAR CANE	22302

SECTION 11F. PLANTED FIELD AND TREE CROPS

SEED UNIT CODES

UNIT	CODE
Kilograms (Kg)	1
Grams (g)	2
Litres (l)	3
Centilitres (cl)	4
Bin/basket	10
Paint Rubber	11
Milk cup	12
Cigarette cup	13
Tin	14
Congo small	20
Congo large	21
Mudu Small	30
Mudu Large	31
Derica Small	40
Derica Medium	41
Derica Large	42
Derica Very Large	43
Tiya Small	50
Tiya Medium	51
Tiya Large	52
Kobiowu Small	60
Kobiowu Medium	61
Kobiowu Large	62
Bowl Small	70
Bowl Medium	71
Bowl Large	72

UNIT	CODE
Piece Small	80
Piece Medium	81
Piece Large	82
Heap Small	90
Heap Medium	91
Heap Large	92
Bunch Small	100
Bunch Medium	101
Bunch Large	102
Basket Small	140
Basket Medium	141
Basket Large	142
Basin Small	150
Basin Medium	151
Basin Large	152
Bundle Small	160
Bundle Medium	161
Bundle Large	162
Wheelbarrow	170
Pick-up	180
Other (specify)	900

Seed Unit Codes from the programme

UNIT	CODE
Kilograms (Kg)	1
Grams (g)	2
Litres (l)	3
Centilitres (cl)	4
Bin/basket	10
Paint Rubber	11
Milk cup	12
Cigarette cup	13
Tin	14
Congo	20
Mudu	30
Derica	40
Tiya	50
Kobiowu	60
Bowl	70
Piece	80
Heap	90
Bunch/Bundle	100
Stalk	110
Packet/Sachet	120
Sack/Bag	130
Basket	140
Basin	150
Bundle	160
Wheelbarrow	170
Pick-up	180
Jerry Can/Rubber	190
Loaf	200
Stems	210
Tuber	211
Bottle/Can	240
Sachet	250
Bag of 20 Sachets	251
Seedling/Plant	260
Other(Specify)	900

Size (from the programme)

UNIT	CODE
Small	0
Medium	1
Large	2
Very Large	3
10 litres	4
20 Litres	5
25 litres	6
50 Litres	7
25 KG	10
50 KG	11
100 KG	12
33 CL	20
35 CL	21
50 CL	22
60 CL	23
75 CL	24
1 LITRE	25
1.5 LITRE	26
ONE SIZE ONLY	99

SECTION 11F. PLANTED FIELD AND TREE CROPS

CROP PRODUCTION UNIT CODES

UNIT	CODE
Kilograms (Kg)	1
Grams (g)	2
Litres (l)	3
Centilitres (cl)	4
Bin/basket	10
Paint Rubber	11
Milk cup	12
Cigarette cup	13
Tin	14
Congo small	20
Congo large	21
Mudu Small	30
Mudu Large	31
Derica Small	40
Derica Medium	41
Derica Large	42
Derica Very Large	43
Tiya Small	50
Tiya Medium	51
Tiya Large	52

UNIT	CODE
Kobiowu Small	60
Kobiowu Medium	61
Kobiowu Large	62
Bowl Small	70
Bowl Medium	71
Bowl Large	72
Piece Small	80
Piece Medium	81
Piece Large	82
Heap Small	90
Heap Medium	91
Heap Large	92
Bunch Small	100
Bunch Medium	101
Bunch Large	102
Stalk Small	110
Stalk Medium	111
Stalk Large	112
Packet/sachet Small	120
Packet/sachet Medium	121
Packet/sachet Large	122

UNIT	CODE
Sack/Bag Small	130
Sack/Bag Medium	131
Sack/Bag Large	132
Basket Small	140
Basket Medium	141
Basket Large	142
Basin Small	150
Basin Medium	151
Basin Large	152
Bundle Small	160
Bundle Medium	161
Bundle Large	162
Wheelbarrow	170
Pick-up	180
Jerry can/rubber 10 Litres	190
Jerry can/rubber 20 Litres	191
Jerry can/rubber 25 Litres	192
Jerry can/rubber 50 Litres	193
Other (specify)	900

SECTION 11E. SEED ACQUISITION

[illegible]

SECTION 11E. SEED ACQUISITION

[illegible]

SECTION 11E. SEED ACQUISITION

[illegible]

SECTION 11E. SEED ACQUISITION

16a.	16.	17a.	17.
CAP1: IS A RESPONSE TO Q4 YES FOR ANY CROP SEED?	In total, how much did your household pay for transport to acquire <u>all the free</u> seed/tubers/stems used during this agricultural season? INCLUDE ALL TRIPS TO AND FROM YOUR FARM YES...1 NO....2 ► Q17a	CAP1: IS A RESPONSE TO Q8 YES FOR ANY CROP SEED?	In total, how much did your household pay for transport to acquire <u>all of the purchased seeds,</u> tubers or stems since the beginning of this agricultural season? INCLUDE ALL TRIPS FROM AND BACK TO YOUR FARM YES...1 NO....2 ► NEXT SECTION
	NAIRA		NAIRA

SECTION 11I. ANIMAL HOLDINGS

L S T Y P E C O D E	L I V E S T O C K T Y P E	A N I M A L C O D E		1.	INTERVIEWER: WHO IS RESPONDING FOR [ANIMAL]?	2.	3.	4.	5.
				In the past 12 months, have you or any member of your household raised or owned any [ANIMAL]? ASK FOR EACH ANIMAL AND THEN ASK Q. 2a-23 FOR EACH. IF NONE, (▶ SECTION 11h) YES...1 NO...2 ▶ NEXT ANIMAL		How many [ANIMAL] are currently kept by your household (regardless of ownership)? IF NONE, RECORD "0" AND ▶ Q9	Do you and/or a member of your household own all of the [ANIMAL] currently kept by your household? YES...1 ▶ Q5 NO...2	Of the [Q2 ANIMAL] currently being kept by your household, how many are owned by your household? IF NONE, RECORD "0" AND ▶ Q6	Who in your household owns [ANIMAL] that are currently kept by your household? PROBE & SELECT ALL THAT APPLY
						NUMBER		NUMBER	ID CODE
1	LARGE RUMINANTS	101	CALF FEMALE						
		102	CALF MALE						
		103	HEIFER						
		104	STEER						
		105	COW						
		106	BULL						
		107	OX						
2	EQUINES	108	DONKEY						
		109	HORSE						
3	SMALL RUMINANTS	110	GOAT						
		111	SHEEP						
4	PIGS	112	PIG						
5	POULTRY	113	CHICKEN-LAYER						
		114	CHICKEN-LOCAL						
		115	CHICKEN-BROILER						
		116	CHICKEN-COCKERY						
		117	TURKEY						
		118	DUCK						
		120	GUINEA FOWL						
6	CAMELIDS	122	CAMEL						
7	OTHER	123	OTHER (SPECIFY)						

SECTION 11I. ANIMAL HOLDINGS

L S T Y P E C O D E	L I V E S T O C K T Y P E	A N I M A L C O D E		6.	7.	8.	9.	10.	11.
				Who in your household is <u>responsible for keeping/managing</u> [ANIMAL]? PROBE & SELECT ALL THAT APPLY	If your household would sell <u>one</u> of the [ANIMAL] today, how much would your household receive from the sale?	Does your household own any [ANIMAL] that is not kept by your household? YES...1 NO....2 ► Q12	How many [ANIMAL] are owned by your household that are not kept by your household?	Who in your household owns [ANIMAL] <u>not</u> currently kept by your household? PROBE & SELECT ALL THAT APPLY	What is the household's main reason for owning [ANIMAL]? SALE OF LIVE ANIMALS....1 SALE OF LIVESTOCK PRODUCTS.....2 FOOD FOR THE FAMILY....3 SAVINGS AND INSURANCE...4 SOCIAL STATUS/PRESTIGE..5 CROP AGRICULTURE MANURE, DRAUGHT POWER)..6 TRANSPORT.....7 OTHER SPECIFY).....96
				ID CODE	NAIRA		NUMBER	ID CODE	
1	LARGE RUMINANTS	101	CALF FEMALE						
		102	CALF MALE						
		103	HEIFER						
		104	STEER						
		105	COW						
		106	BULL						
		107	OX						
2	EQUINES	108	DONKEY						
		109	HORSE						
3	SMALL RUMINANTS	110	GOAT						
		111	SHEEP						
4	PIGS	112	PIG						
5	POULTRY	113	CHICKEN-LAYER						
		114	CHICKEN-LOCAL						
		115	CHICKEN-BROILER						
		116	CHICKEN-COCKERY						
		117	TURKEY						
		118	DUCK						
		120	GUINEA FOWL						
6	CAMELIDS	122	CAMEL						
7	OTHER	123	OTHER (SPECIFY)						

SECTION 11I. ANIMAL HOLDINGS

L S T Y P E C O D E	L I V E S T O C K T Y P E	A N I M A L C O D E		12.	13.	14.	15.	16.	17.	18.
				CAPI: RECALL PERIOD IF POULTRY = 3 MONTHS OTHERWISE, 12 MONTHS	How many [ANIMAL] did your household own [Q12] ago? INCLUDE ALL THAT THE HOUSEHOLD OWNED 12 MONTHS OR 3 MONTHS AGO IRRESPECTIVE OF LOCATION	How many [ANIMAL] were born in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] were received as gifts by your household in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] were received as payment for services rendered by your household in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] has your household bought to raise in the past [Q12]? IF NONE, RECORD "0" AND (► Q20)	What was the total value of [ANIMAL] purchases made by your household in the past [Q12]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS
					NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NAIRA
1	LARGE RUMINANTS	101	CALF FEMALE	12 months						
		102	CALF MALE	12 months						
		103	HEIFER	12 months						
		104	STEER	12 months						
		105	COW	12 months						
		106	BULL	12 months						
		107	OX	12 months						
2	EQUINES	108	DONKEY	12 months						
		109	HORSE	12 months						
3	SMALL RUMINANTS	110	GOAT	12 months						
		111	SHEEP	12 months						
4	PIGS	112	PIG	12 months						
5	POULTRY	113	CHICKEN-LAYER	3 months						
		114	CHICKEN-LOCAL	3 months						
		115	CHICKEN-BROILER	3 months						
		116	CHICKEN-COCKERY	3 months						
		117	TURKEY	3 months						
		118	DUCK	3 months						
		120	GUINEA FOWL	12 months						
6	CAMELIDS	122	CAMEL	12 months						
7	OTHER	123	OTHER (SPECIFY)	12 months						

SECTION 11I. ANIMAL HOLDINGS

L S T Y P E C O D E	L I V E S T O C K T Y P E	A N I M A L C O D E		19.	20.	21.	22.	23.	24.
				Where or from whom did your household purchase most of the [ANIMAL] bought in the past [Q12]? RELATIVE.....1 FRIEND/NEIGHBOUR.....2 TRADITIONAL AUTHORITY.....3 MOBILE MARKET.....4 MARKET WITHIN THE TOWN/VILLAGE5 MARKET OUTSIDE THE TOWN/VILLAGE.....6 EMPLOYER.....7 GOVERNMENT.....8 OTHER (SPECIFY).....96	How many [ANIMAL] were given out as gifts in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] were given out as payment for services received in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] got lost or stolen in the past [Q12]? IF NONE, RECORD "0"	How many [ANIMAL] has your household sold alive in the past [Q12]? IF NONE, RECORD "0" AND (► Q27)	What was the total value of live [ANIMAL] sales in the past [Q12]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS
					NUMBER	NUMBER	NUMBER	NUMBER	NAIRA
1	LARGE RUMINANTS	101	CALF FEMALE						
		102	CALF MALE						
		103	HEIFER						
		104	STEER						
		105	COW						
		106	BULL						
		107	OX						
2	EQUINES	108	DONKEY						
		109	HORSE						
3	SMALL RUMINANTS	110	GOAT						
		111	SHEEP						
4	PIGS	112	PIG						
5	POULTRY	113	CHICKEN-LAYER						
		114	CHICKEN-LOCAL						
		115	CHICKEN-BROILER						
		116	CHICKEN-COCKERY						
		117	TURKEY						
		118	DUCK						
		120	GUINEA FOWL						
6	CAMELIDS	122	CAMEL						
7	OTHER	123	OTHER (SPECIFY)						

SECTION 11I. ANIMAL HOLDINGS

L S T Y P E C O D E	L I V E S T O C K T Y P E	A N I M A L C O D E		25.	26.	27.	28.	29.	30.
				Where or to whom did your household sell most [ANIMAL] sold alive in the past [Q12]? RELATIVE.....1 FRIEND/NEIGHBOUR.....2 INDIVIDUAL (EXCLUDING RELATIVE, FRIEND / NEIGHBOUR)3 MOBILE MARKET.....4 MARKET WITHIN THE TOWN/VILLAGE5 MARKET OUTSIDE THE TOWN/VILLAGE.....6 EMPLOYER.....7 GOVERNMENT.....8 HOTEL/RESTAURANT.....9 INSTITUTION (NOT INCLUDING GOVERNMENT)...10 OTHER (SPECIFY).....96	Who in the household decides on the use of the earnings from the LIVE [ANIMAL] sales? PROBE & SELECT ALL THAT APPLY	How many [ANIMAL] did your household <u>slaughter for sale</u> in the past [Q12]? IF NONE, RECORD "0" AND (► Q30)	What was the <u>total</u> value of the sales of slaughtered [ANIMAL] in the past [Q12]? ESTIMATE THE VALUE OF IN-KIND PAYMENTS	Who in the household decides on the use of the earnings from the sales of slaughtered [ANIMAL]? PROBE & SELECT ALL THAT APPLY	How many [ANIMAL] did your household <u>slaughter for household consumption</u> in the past [Q12]? IF NONE, RECORD "0"
					ID CODE	NUMBER	NAIRA	ID CODE	NUMBER
1	LARGE RUMINANTS	101	CALF FEMALE						
		102	CALF MALE						
		103	HEIFER						
		104	STEER						
		105	COW						
		106	BULL						
		107	OX						
2	EQUINES	108	DONKEY						
		109	HORSE						
3	SMALL RUMINANTS	110	GOAT						
		111	SHEEP						
4	PIGS	112	PIG						
5	POULTRY	113	CHICKEN-LAYER						
		114	CHICKEN-LOCAL						
		115	CHICKEN-BROILER						
		116	CHICKEN-COCKERY						
		117	TURKEY						
		118	DUCK						
		120	GUINEA FOWL						
6	CAMELIDS	122	CAMEL						
7	OTHER	123	OTHER (SPECIFY)						

SECTION 11J. ANIMAL COST

				DISEASE			OTHER DEATHS		
L S T Y P E C O D E	LIVESTOCK TYPE	0.		1.	2.	3.	4.	5.	6.
		CAPI: IN THE PAST 12 MONTHS, HAS HOUSEHOLD RAISED OR OWNED ANY ANIMAL THAT IS CLASSIFIED AS [LIVESTOCK TYPE]? REFER TO Q1 IN SECTION 11I. YES...1 NO....2 ► NEXT LIVESTOCK TYPE	INTERVIEWER: WHO IS RESPONDING FOR [LIVESTOCK TYPE]?	Did any of [LIVESTOCK TYPE] kept by your household suffer from any disease in the past 12 months? YES...1 NO....2 ► Q4	What kind of diseases did [LIVESTOCK TYPE] suffer from in the past 12 months? SEE DISEASE CODES PROBE & SELECT ALL THAT APPLY	How many [LIVESTOCK TYPE] died due to disease in the past 12 months? IF NONE RECORD "0"	Did any of [LIVESTOCK TYPE] die for causes other than a disease in the past 12 months? YES...1 NO....2 ► Q7	What were the causes of [LIVESTOCK TYPE] death? SELECT UP TO 2 DROUGHT.....1 KILLED BY FLOOD.....2 EXTREME TEMPERATURES/ HEAT STRESS..3 OLD AGE.....4 OTHER (SPECIFY)96	How many [LIVESTOCK TYPE] died due to other causes than a disease in the past 12 months?
						NUMBER			NUMBER
1	LARGE RUMINANTS								
2	EQUINES								
3	SMALL RUMINANTS								
4	PIGS								
5	POULTRY								
6	CAMELIDS								
7	OTHER								

SECTION 11J. ANIMAL COST

		VACCINATION			OTHER VETERINARY SERVICES			
		7.	8.	9.	10.	11.	12.	13.
L S T Y P E C O D E	LIVESTOCK TYPE	Has your household vaccinated any [LIVESTOCK TYPE] (through injection, water, feed, etc.) in the past 12 months?	Against which diseases did you vaccinate your [LIVESTOCK TYPE] in the past 12 months? SEE DISEASE CODES	How much has your household spent on vaccination of [LIVESTOCK TYPE] in the past 12 months?	During the last 12 months have the [LIVESTOCK TYPE] in your household received any veterinary services <u>other than vaccination</u> ?	During the last 12 months how much did your household spend in total on veterinary services <u>other than vaccination</u> for [LIVESTOCK TYPE]?	What housing system for [LIVESTOCK TYPE] has your household mainly used in the past 12 months? NONE.....1 CONFINED IN SHEDS..2 CONFINED IN PADDOCKS.....3 CONFINED FENCES...4 CAGE.....5 NSIDE THE HOUSE...7 OTHER (SPECIFY)96	Has your household paid for the water for raising [LIVESTOCK TYPE] in the past 12 months? YES...1 NO....2 ► Q15
		YES...1 NO....2 ► Q10		NAIRA	YES...1 NO....2 ► Q12	NAIRA		
1	LARGE RUMINANTS							
2	EQUINES							
3	SMALL RUMINANTS							
4	PIGS							
5	POULTRY							
6	CAMELIDS							
7	OTHER							

SECTION 11J. ANIMAL COST

L S T Y P E C O D E	LIVESTOCK TYPE	14.	15.	16.	17.	18.	19.
		How much has your household paid for water for [LIVESTOCK TYPE] in the past 12 months?	How did your household feed [LIVESTOCK TYPE] in the past 12 months? ONLY GRAZING/ SCAVENGING.....1 ► Q19 MAINLY GRAZING/ SCAVENGING, SOME FEEDING.....2 MAINLY FEEDING, SOME GRAZING/ SCAVENGING.....3 ONLY FEEDING (NO GRAZING/SCAVENGING) ..4	Who in your household was responsible for feeding the [LIVESTOCK TYPE] in the past 12 months? PROBE & SELECT ALL THAT APPLY	Has your household purchased any type of feed for [LIVESTOCK TYPE] in the past 12 months? YES...1 NO....2 ► Q19	How much has your household spent to purchase the feed for [LIVESTOCK TYPE] in the past 12 months? INCLUDE COST OF TRANSPORTATION	Did your household hire any labor to help with keeping [LIVESTOCK TYPE] over the past 12 months? YES...1 NO....2 ► Q21
		NAIRA		ID CODE		NAIRA	
1	LARGE RUMINANTS						
2	EQUINES						
3	SMALL RUMINANTS						
4	PIGS						
5	POULTRY						
6	CAMELIDS						
7	OTHER						

SECTION 11J. ANIMAL COST

L S T Y P E C O D E	LIVESTOCK TYPE	20.	21.	22.	23.	24.
		What was the total cost of the labor your household hired for keeping [LIVESTOCK TYPE] over the past 12 months?	During the past 12 months, did your household have to compensate any farmer/household for damage caused by [LIVESTOCK TYPE]? YES...1 NO....2 ► Q23	What was the total compensation your household paid for damage caused by [LIVESTOCK TYPE] over the past 12 months?	Did your household have any other costs related to keeping of [LIVESTOCK TYPE] in the past 12 months? YES...1 NO....2 ► NEXT LIVESTOCK TYPE	What was the total amount paid for all these other livestock related costs for [LIVESTOCK TYPE] in the past 12 months?
		NAIRA		NAIRA		NAIRA
1	LARGE RUMINANTS					
2	EQUINES					
3	SMALL RUMINANTS					
4	PIGS					
5	POULTRY					
6	CAMELIDS					
7	OTHER					

DISEASE CODES

BIRD FLU.....1
 SWINE FLU.....2
 RINDERPEST (CIWON BUSHIYA)...3
 FOOT AND MOUTH DISEASE
 BAURU).....4
 LUMPY SKIN DISEASE
 HARBIN GIWA).....5
 BLACK QUARTER (HARBIN
 DAJI).....6
 BRUCELLOSIS (BAKKALE).....7
 BOVINE TUBERCULOSIS
 CIWON TARI).....8
 CONTAGIOUS BOVINE PLEURO
 PNEUMONIA (CIWON HUH).....9
 DERMATOPHILOSIS KIRCHI)....10
 OTHER (SPECIFY).....11

SECTION 11K1. ANIMAL POWER AND DUNG SALES

				ANIMAL POWER				ANIMAL DUNG		
L S T Y P E C O D E	LIVESTOCK TYPE	L S T Y P E C O D E	LIVESTOCK TYPE	0.	1.	2.	2a.	3.	4.	4a.
				CAPI: IN THE PAST 12 MONTHS, HAS HOUSEHOLD RAISED OR OWNED ANY ANIMAL THAT IS CLASSIFIED AS [LIVESTOCK TYPE]? REFER TO Q1 IN SECTION 11I. YES...1 NO....2 ► NEXT LIVESTOCK TYPE	In the past 12 months, has this household used any of [LIVESTOCK TYPE] to provide services (e.g. ploughing, transport) to other households? YES...1 NO....2 ► Q3	How much has this household earned by providing services with [LIVESTOCK TYPE] in the past 12 months? NAIRA	Who in the household decides on the use of the earnings from the services with [LIVESTOCK TYPE]? PROBE & SELECT ALL THAT APPLY ID CODE	Did your household sell the dung/droppings produced by [LIVESTOCK TYPE] in the last 12 months? YES...1 NO....2 ► NEXT LIVESTOCK TYPE	How much has your household earned from the sales of dung/droppings produced by [LIVESTOCK TYPE] in the past 12 months? NAIRA	Who in the household decides on the use of the earnings from the sales of dung/droppings produced by [LIVESTOCK TYPE]? PROBE & SELECT ALL THAT APPLY ID CODE
1	LARGE RUMINANTS	1	LARGE RUMINANTS							
		2	EQUINES							
		3	SMALL RUMINANTS							
		4	PIGS							
5	POULTRY	5	POULTRY							
		6	CAMELIDS							
7	OTHER	7	OTHER							

SECTION 11K2. MILK PRODUCTION

A N I M A L C O D E	ANIMAL	INTERVIEWER: WHO IS RESPONDING FOR SECTION ON MILK PRODUCTION ? SELECT HOUSEHOLD MEMBER THAT IS RESPONDING FOR THIS SECTION	1.	4.	2.	3.	5.	6.	7.	CAPI-FILTER1
			Did your household milk any [ANIMAL] in the last 12 months? SELECT YES OR NO FOR EACH LISTED ANIMAL YES...1 NO...2 ► NEXT ANIMAL	How many [ANIMAL] were milked in the past 12 months?	For how many months was [SINGLE ANIMAL] typically milked in the past 12 months?	During these months in which [ANIMAL] were milked, how many <u>days per month</u> was [ANIMAL] typically milked?	On the days when [ANIMAL] were milked, what was the average quantity of milk, milked per day per single animal ?	Who in your household mainly milked the [ANIMAL] in the past 12 months ? PROBE & SELECT ALL THAT APPLY	Did your household use any of the milk produced from [ANIMAL] in the past 12 months for...? HOUSEHOLD CONSUMPTION (OF UNPROCESSED MILK)1 SALE (OF UNPROCESSED MILK) ...2 PROCESSING FOR HOUSEHOLD CONSUMPTION.....3 PROCESSING FOR SALE.....4 OTHER (SPECIFY)96	CAPI: IS OPTION 1 SELECTED IN Q7? YES...1 NO....2 ► CAPI-FILTER2
				NUMBER	MONTHS	DAYS PER MONTH	LITRES PER DAY	ID CODE		
105	COWS									
110	GOATS									
111	SHEEP									
122	CAMELS									

SECTION 11K2. MILK PRODUCTION

A N I M A L C O D E	ANIMAL	8.	CAPI-FILTER2	10.	11.	11a.	CAPI-FILTER3	12.	CAPI-FILTER4	13.	14.
		During the months in which [ANIMAL] were milked, how much of the UNPROCESSED milk collected did your household <u>consume</u> per week?	CAPI: IS OPTION 2 SELECTED IN Q7? YES...1 NO....2 ► CAPI-FILTER3	During the months in which [ANIMAL] were milked, how much of the UNPROCESSED milk did your household <u>sell</u> per week?	During these months in which [ANIMAL] were milked, how much did your household earn from sales of UNPROCESSED milk per week?	Who in the household decides on the use of the earnings from the sales of UNPROCESSED milk from [ANIMAL]? PROBE & SELECT ALL THAT APPLY	CAPI: IS OPTION 3 SELECTED IN Q7? YES...1 NO....2 ► CAPI-FILTER4	During the months in which [ANIMAL] were milked, how much of the milk produced was <u>processed and consumed</u> by your household per week?	CAPI: IS OPTION 4 SELECTED IN Q7? YES...1 NO....2 ► NEXT ANIMAL	During the months in which [ANIMAL] were milked, how much of the milk did your household <u>process and then sell</u> per week?	During the months in which [ANIMAL] were milked, how much did your household earn from sales of <u>processed</u> milk per week?
		LITRES PER WEEK		LITRES PER WEEK	NAIRA PER WEEK	ID CODE		LITRES PER WEEK		LITRES PER WEEK	NAIRA PER WEEK
105	COWS										
110	GOATS										
111	SHEEP										
122	CAMELS										

SECTION 11K3. EGG PRODUCTION

A N I M A L C O D E	ANIMAL	1.	2.	2a.	3.	4.	4a.	5.	6.	7.	8.
		Has any [POULTRY] in your household produced any eggs in the past 12 months? YES...1 NO....2 ► NEXT POULTRY	In the past 12 months, how many months did any [POULTRY] lay eggs? NUMBER	In those months, how many <u>weeks per month</u> did [POULTRY] lay any eggs? ONE WEEK PER MONTH...1 TWO WEEKS PER MONTH...2 THREE WEEKS PER MONTH...3 FOUR WEEKS PER MONTH...4	In a typical <u>week</u> , how many eggs in <u>total</u> are laid by [POULTRY]? EGGS PER WEEK NUMBER	How many [POULTRY] laid eggs in the <u>past 3 months</u> ? NUMBER	How many eggs in <u>total</u> did [POULTRY] lay in the past 3 months? NUMBER	Did your household sell any of the [POULTRY] eggs produced in the <u>past 3 months</u> ? YES...1 NO....2 ► NEXT POULTRY	How many of the [POULTRY] eggs produced did your household sell in the <u>past 3 months</u> ? NUMBER	Who in your household was responsible for the sale of [POULTRY] eggs? PROBE AND SELECT ALL THAT APPLY ID CODE	How much has your household earned by selling [POULTRY] eggs in the <u>past 3 months</u> ? NAIRA
113	CHICKEN-LAYER										
114	CHICKEN-LOCAL										
117	TURKEY										
118	DUCK										
120	GUINEA FOWL										

SECTION 11L1. EXTENSION SERVICES I

T O P I C C O D E	1.		2.
	<p>Within the last 12 months, did you or anyone in your household receive any advice on [TOPIC]:</p> <p>ASK FOR EACH TOPIC BEFORE GOING TO Q2.</p> <p>IF NO TO ALL ► END INTERVIEW.</p> <p>YES...1 NO....2 ► NEXT TOPIC</p>		<p>What was the main source of the advice on [TOPIC]?</p> <p>GOVERNMENT AGRICULTURAL EXTENSION SERVICE...1 PRIVATE AGRICULTURAL EXTENSION SERVICE.....2 GOVERNMENT 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 PEER FARMER (NEIGHBOR / RELATIVE).....11 ELECTRONIC MEDIA (TV,RADIO, ETC...).....12 PAPER MEDIA (HANDOUTS / FLYERS).....13 OTHER (SPECIFY).....96</p>
1	New Seed Varieties		
2	Pest Control		
3	Fertilizer Use		
4	Irrigation		
5	Composting (Manure)		
6	Marketing/Crop Sales		
7	Growing/Selling Tobacco		
8	Access to Credit		
9	Forestry		
10	General Animal Care		
11	Animal Diseases / Vaccination		
12	Fishery Production		

SECTION 11L1. EXTENSION SERVICES II

S O U R C E C O D E	1.	2.	3.	4.	5.	6.	7.	8.	9.
	CAPI: MARK WITH "X" ALL "SOURCES" IDENTIFIED IN THE PREVIOUS PAGE. ASK THE FOLLOWING QUESTIONS FOR EACH SOURCE MARKED WITH "X" IN TURN.	Who in your household received advice / information through [SOURCE] in the last 12 months? PROBE AND SELECT ALL THAT APPLY	How many times did someone from [SOURCE] visit any <u>household</u> <u>member's farm</u> in the last 12 months? IF NONE, RECORD ZERO ► Q5.	How many of these visits were solicited? IF NONE, RECORD ZERO	How many times did you or any member of your household visit or meet with the [SOURCE] at a <u>location other than your dwelling or your plots</u> in the last 12 months? RECORD THE TOTAL FOR THE ENTIRE HOUSEHOLD. IF NONE, WRITE '0'.	How many times did you or any member of your household attend [SOURCE] in the last 12 months? RECORD THE TOTAL FOR THE ENTIRE HOUSEHOLD. IF NONE, RECORD ZERO	Did you or any member of your household pay anything in order to receive any type of advice / information from [SOURCE] in the last 12 months? YES...1 NO....2 ► Q9	How much in total did your household pay to receive advice / information from [SOURCE] in the last 12 months? INCLUDE: ESTIMATED VALUE OF IN-KIND PAYMENTS	On average, how useful was the advice / information received from [SOURCE]? VERY USEFUL.....1 SOMEWHAT USEFUL.....2 NOT VERY USEFUL.....3 NOT USEFUL.....4 DON'T KNOW.....99
			TOTAL VISITS	SOLICITED VISITS					
			ID CODE	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NAIRA
1	Government Agricultural Extension Service								
2	Private Agricultural Extension Service								
3	Government Fishery Extension Service								
4	NGO								
5	Agricultural Cooperative / Farmers' Association								
6	Fishing Cooperative								
7	Farmer Field Days / Field School								
8	Village Agricultural Extension Meeting								
9	Agricultural Extension Course								
10	Lead Farmer								
11	Peer Farmer (Neighbor / Relative)								
12	Electronic Media (TV, Radio, Etc...)								
13	Paper Media (Handouts/Flyers)								
14	National weather service								
96	Other (Specify)								

SECTION 12. DIGITAL FARMING INFORMATION

H H I D I D	1.	INTERVIEWER READ:	2.	3.	FILTER 1
	<p>Did your household seek or receive information or advice for your farm during this 2023 rainy season (from April until now)?</p> <p>THIS INFORMATION AND ADVICE CAN BE WEATHER INFORMATION, TRAINING ON HOW TO PLANT OR HARVEST YOUR CROP, ADVICE ON HOW TO FEED YOUR LIVESTOCK, INFORMATION ON WHAT SEEDS TO USE, ETC.</p> <p>YES....1 NO....2 >> Q24</p>	<p>We want to understand farmers’ experiences of working with organizations and community groups that provide helpful advice and information to farmers using a digital device (e.g. a mobile phone).</p> <p>They can be delivered directly to a mobile phone or through an agent (e.g. extension working or agrovet) that has a digital tool like a tablet, phone, computer, video, or projector.</p>	<p>Did your household seek or receive this information or advice in any of the following ways:</p> <p>THIS INFORMATION AND ADVICE CAN RANGE FROM SMS WEATHER ADVISORY TO AN APP THAT PROVIDES ADVICE ON FARMING PRACTICES, TO AN EXTENSION AGENT WITH A TABLET THAT PROVIDES INTERACTIVE TRAINING FOR FARMING</p> <p>On a mobile phone (yours or a household member’s / friend’s / neighbour’s).....1 >> Q4 From an agent with a phone / tablet /computer / video.....2 Both on a mobile phone and from an agent with a mobile phone / tablet / computer/video.....3 No.....4 >> FILTER4</p>	<p>Can you tell us more about who the agent(s) worked with? Were they:</p> <p>SELECT ALL THAT APPLY</p> <p>SELF-EMPLOYED.....1 A PRIVATE COMPANY.....2 A FARMER PRODUCER ORGANIZATION OR FARMER COOPERATIVES...3 A GOVERNMENT PROGRAM OR INSTITUTION OR AGENCY.....4 A FINANCIAL INSTITUTION-BANK OR MICRO FINANCE.....5 AN NGO.....6 A VILLAGE SAVINGS GROUP OR WOMEN'S GROUP.....7 OTHER (SPECIFY).....96 DON'T KNOW OR CANNOT SAY.....99</p>	<p>IS Q2=2?</p> <p>YES...1 >> FILTER 2 NO....2</p>

SECTION 12. DIGITAL FARMING INFORMATION

				USER MODULE			
	4.	5.	FILTER 2	INTERVIEWER READ:	8.	7.	9.
H H I D I D	How did you use a mobile phone? What is it through: SELECT ALL THAT APPLY	Can you tell us more about who shared information on your mobile phone? Were they: SELECT ALL THAT APPLY	IS THE RESPONDENT AN USER? (Q1=1) AND (Q2=1) AND (Q5= option 1 to 5) OR (Q1=1) AND (Q2=2 OR 3)	I will now ask you about your experience with this organization(s), community group(s), or agent(s) who shared information or advice using a digital device. Going forward, I will refer to them as a digital information provider .	What type of information or advice did you receive from the digital information provider(s) this 2023 rainy season (from April until now)? SELECT ALL THAT APPLY	Can you share the names of the digital information provider(s) you worked with in this 2023 rainy season (from April until now)? WRITE DOWN THE NAMES OF THE PROVIDERS	How often did you receive information or advice for your farm from the digital information provider(s) exactly when you needed it?
	A Phone call.....1 SMS.....3 WhatsApp.....5 Facebook.....6 An Internet website(s).....7 A Mobile Application.....8 Internet search by self- Google, YouTube, etc.....9 Other(specify)...96	A Private Company.....1 A Farmer Producer Organization or Farmer Cooperatives.....2 A Government Program or Institution or Agency.....3 A Financial Institution-Bank or Micro Finance.....4 An NGO.....5 Don't know (but it is a company, organization, community group etc).....6 >> IF THIS IS THE ONLY ANSWER >>Q21 Someone else/Other(not a company, organization, community group etc7 >> IF THIS IS THE ONLY ANSWER >>Q21	YES....1 NO.....2 >> FILTER 3		WEATHER INFORMATION.....1 MARKET INFORMATION.....2 INPUTS AND EQUIPMENT INFORMATION.....3 CROP MANAGEMENT PRACTICES....4 LIVESTOCK MANAGEMENT PRACTICES.....5 FARM CREDIT AND BORROWONG RELATED INFORMATION.....6 FARM INSURANCE RELATED INFORMATION.....7 OTHER (SPECIFY).....96		All the times.....1 Most of the times..2 Some of the times..3 Nearly none of the time...4

SECTION 12. DIGITAL FARMING INFORMATION

USER MODULE							
	10.	11.	12.	13.	14.	15.	16.
H H I D I D	Would you say that the information or advice from the digital information provider(s) was:	Did the digital information provider(s) charge your household for the information provided during this 2023 rainy season (from April until now)?	Did you think the price charged by the digital information provider(s) was:	On a scale of 0-10, how likely is it that you would recommend the digital information provider(s) to a friend, where 0 is not at all likely and 10 is extremely likely?	How would you feel if you could no longer use the digital information provider(s) ? Would you be:	Has interacting with the digital information provider(s) changed your comfort with using digital tools for farming?	How has the interaction changed your comfort level with using digital tools for farming? Are you now:
	Very trustworthy....1 Slightly trustworthy....2 Neither trustworthy not untrustworthy...3 Slightly untrustworthy...4 Very untrustworthy...5	YES....1 NO....2 >> Q13	Very poor....1 Poor.....2 Fair.....3 Good.....4 Very good....5	0 - NOT AT ALL LIKELY 1 2 3 4 5 6 7 8 9 10 - EXTREMELY LIKELY	Very disappointed...1 Somewhat disappointed...2 Not at all disappointed...3 Cannot say.....4	YES....1 NO....2 >>Q17	Much more comfortable.....1 More comfortable.....2 More uncomfortable.....3 Much more uncomfortable.....4

SECTION 12. DIGITAL FARMING INFORMATION

USER MODULE				
17.	18.	19.	20.	FILTER 3
<p>Think about all your farm-related information and advisory needs. Did the digital information provider meet none, some, most, or all your needs?</p> <p>NONE OF MY NEEDS...1 SOME OF MY NEEDS...2 MOST OF MY NEEDS...3 ALL OF MY NEEDS.....4</p>	<p>Overall, has your experience this 2023 rainy season (from April until now) been much better, slightly better, the same, slightly worse or much worse because of the digital information provider(s)?</p> <p>MUCH BETTER.....1 SLIGHTLY BETTER....2 SAME.....3 SLIGHTLY WORSE....4 MUCH WORSE.....5</p>	<p>Did using the digital information provider(s) make it much easier, slightly easier, neither easier nor harder, slightly harder or much harder for you to gather information or advice for your farm this 2023 rainy season (from April until now)?</p> <p>MUCH EASIER.....1 SLIGHTLY EASIER....2 NEITHER EASIER NOR HARDER.....3 SLIGHTLY HARDER...4 MUCH HARDER.....5</p>	<p>Other than information and advice related to farming, did you also receive other farming-related services from the digital information provider(s) this 2023 rainy season (from April until now)? Did you receive:</p> <p>SELECT ALL THAT APPLY</p> <p>Farm inputs and / or farm equipment.....1 Information on buyers and/or prices for produce.....2 A service related to the purchase of your produce.....3 Credit.....4 Insurance.....5 A digital wallet.....6 Other support related to farming (specify)..96</p> <p>>> GO TO Q30a</p>	<p>IS THE RESPONDENT AN INFORMAL USER? Enable Q21 if (Q1=1) AND (Q2=1) AND (Q5= option 6 or 7)</p> <p>YES...1 NO....2 >> FILTER 4</p>

SECTION 12. DIGITAL FARMING INFORMATION

NON-USER MODULE							
	21.	FILTER 4	22.	23.	24.	25.	26.
H H I D I D	<p>If not through a company or organization, who did you contact for farm-related advice using a mobile phone or an agent with a digital device?</p> <p>SELECT ALL THAT APPLY</p> <p>VILLAGE CHIEF OR VILLAGE LEADER.....1 VILLAGE LEVEL SAVINGS ASSOCIATION, SAVINGS AND/OR CREDIT GROUP.....2 AN INDEPENDENT EXPERT (E.G. AGRONOMIST OR SCIENTIST).....3 FAMILY MEMBER, FRIEND, OR ACQUAINTANCE.....4 LOCAL TRADER, WHOLESALER, SHOPKEEPER.....5 OTHER, (SPECIFY).....96</p> <p>>> GO TO Q23</p>	<p>IS THE RESPONDENT A NON-USER? ENABLE Q22 IF Q1=1 AND Q2==4</p> <p>YES...1 NO...2 >> Q30a</p>	<p>From whom did you seek or receive farm-related information or advice this 2023 rainy season (from April until now)?</p> <p>SELECT ALL THAT APPLY</p> <p>A PRIVATE COMPANY.....1 AN NGO.....2 A GOVERNMENT AGENCY, PROGRAM, OR INSTITUTION.....3 A FARMER PRODUCER ORGANIZATION.....4 A SHOP OR VENDOR IN THE MARKET.....5 FRIENDS, FAMILY, ACQUAINTANCES.....6 OTHER, (SPECIFY).....96</p>	<p>What type of information or advice did you receive from this 2023 rainy season (from April until now)?</p> <p>SELECT ALL THAT APPLY</p> <p>WEATHER INFORMATION.....1 MARKET INFORMATION.....2 INPUTS AND EQUIPMENT INFORMATION.....3 CROP MANAGEMENT PRACTICES.....4 LIVESTOCK MANAGEMENT PRACTICES.....5 FARM CREDIT AND BORROWONG RELATED INFORMATION.....6 FARM INSURANCE RELATED INFORMATION.....7 OTHER (SPECIFY).....96</p>	<p>Do you know of any providers (e.g. companies or organisations) that share farm-related information with farmers on a mobile phone or through an agent with a digital device?</p> <p>YES...1 NO...2 >> Q30a</p>	<p>Who are these providers?</p> <p>WRITE DOWN THE NAMES OF THE PROVIDERS</p>	<p>Did you have access to any of these providers this 2023 rainy season (from April until now)?</p> <p>I.E. WOULD YOU HAVE BEEN ABLE TO RECEIVE FARM-RELATED INFORMATION FROM ANY OF THESE PROVIDER(S) THIS 2023/24 AGRICULTURAL SEASON</p> <p>YES...1 NO...2 >> Q28</p>

SECTION 12. DIGITAL FARMING INFORMATION

NON-USER MODULE						
	27.	28.	29.	30a. INTERVIEWER READ:	30.	INTERVIEWER READ:
H H I D I D	Which providers did you have access to?	If not this season, has your household ever sought or received information or advice from a provider (e.g. organization or company or community group or agent) that shares farm-related information on a mobile phone or through an agent with a digital device?	Can you tell us more about the organization(s) or community groups who shared information on your mobile phone or through an agent with a digital device? Were they: SELECT ALL THAT APPLY A Private Company.....1 A Farmer Producer Organization or Farmer Cooperatives.....2 A Government Program or Institution or Agency.....3 A Financial Institution-Bank or Micro Finance.....4 An NGO.....5 Don't know ((but it is a company, organization, community group, etc.).....6 Someone else / other (not a company, organization, community group, etc.).....7	Thank you. Now I would like to ask about your experience of renting or purchasing inputs or equipment for your farm this 2023 rainy season (from April until now).	Did your household rent or purchase crop/livestock inputs or equipment for your household's farm this 2023 rainy season (from April until now)? INPUTS INCLUDE SEEDS, FERTILIZER, LIVESTOCK FEEDS, LIVESTOCK MEDICINES, AND MORE; AND EQUIPMENT INCLUDES THIS LIKE A WATER PUMP OR TRACTOR, AND MORE. Yes, only inputs.....1 Yes, only equipment...2 Yes, both.....3 No4 >> Q52	Thank you. We want to understand farmers' experiences of working with organizations and community groups that provide inputs or equipment to farmers using a digital device (e.g. a mobile phone). These can be arranged directly through a mobile phone or through an agent (e.g. extension working or agrovet) that has a digital tool like a tablet, phone, computer, video, or projector.
	WRITE DOWN THE NAMES OF THE PROVIDERS	YES...1 NO....2 >> Q30a				

SECTION 12. DIGITAL FARMING INFORMATION

	31.	32.	FILTER 5	33.	34.
H H I D I D	<p>Did your household rent or purchase crop/livestock inputs or equipment for your household's farm in any of the following ways:</p> <p>THIS CAN INCLUDE PURCHASING SEEDS ON AN APP, OR ORGANIZING TRANSPORTATION WITH AN SMS SERVICE, ETC.</p> <p>On a mobile phone (yours or a household member's/ friend's/ neighbour's).....1 >> Q33</p> <p>From an agent with a phone / tablet / computer /video.....2</p> <p>Both on a mobile phone and from an agent with a mobile phone / tablet / computer / video.....3</p> <p>No.....4 >> FILTER8</p>	<p>Can you tell us more about the agent(s) you worked with? Were they:</p> <p>SELECT ALL THAT APPLY</p> <p>SELF-EMPLOYED.....1</p> <p>A PRIVATE COMPANY.....2</p> <p>A FARMER PRODUCER ORGANIZATION OR FARMER COOPERATIVES.....3</p> <p>A GOVERNMENT PROGRAM OR INSTITUTION OR AGENCY.....4</p> <p>A FINANCIAL INSTITUTION-BANK OR MICRO FINANCE.....5</p> <p>AN NGO.....6</p> <p>A VILLAGE SAVINGS GROUP OR WOMEN'S GROUP.....7</p> <p>DON'T KNOW OR CANNOT SAY...8</p> <p>OTHER (SPECIFY).....96</p>	<p>IS Q31=2?</p> <p>YES...1 >> FILTER 6</p> <p>NO....2</p>	<p>How did you use a mobile phone? Was it through:</p> <p>SELECT ALL THAT APPLY</p> <p>A Phone call.....1</p> <p>SMS.....3</p> <p>WhatsApp.....5</p> <p>Facebook.....6</p> <p>An Internet website(s).....7</p> <p>A Mobile Application.....8</p> <p>Internet search by self- Google, YouTube, etc.....9</p> <p>Other (specify)...96</p>	<p>Can you tell us more about who your household rented or purchased crop/livestock inputs or equipment from on your mobile phone? Were they:</p> <p>SELECT ALL THAT APPLY</p> <p>A Private Company.....1</p> <p>A Farmer Producer Organization or Farmer Cooperatives.....2</p> <p>A Government Program or Institution or Agency.....3</p> <p>A Financial Institution-Bank or Micro Finance.....4</p> <p>An NGO.....5</p> <p>Don't know (but it is a company, organization, community group, etc.).....6 >> IF THIS IS THE ONLY ANSWER >>Q49</p> <p>Someone else / Other (not a company, organization, or community group).....7 >> IF THIS IS THE ONLY ANSWER >>Q49</p>

SECTION 12. DIGITAL FARMING INFORMATION

		USER MODULE					
FILTER 6		INTERVIEWER READ: 37.	36.	38.	39.	40a	
H H I D I D	<p>IS THE RESPONDENT AN USER? (Q30=1,2 or 3) AND (Q31=1) AND (Q34= option 1 to 5) OR (Q31=2 OR 3)</p> <p>YES....1 NO.....2 >> FILTER 7</p>	<p>I will now ask you about your experience with this organization(s), community group(s), or agent(s) who you rented or purchased crop/livestock inputs or equipment from using a digital device. Going forward, I will refer to them as a digital seller.</p>	<p>What activities related to renting or purchasing crop or livestock inputs or equipment did you do with the digital seller(s) this season?</p> <p>SELECT ALL THAT APPLY</p> <p>Get information or advice on what inputs or equipment to purchase or rent.....1 Get information or advice on crop/livestock disease.....2 Get information on seller location, stock, and price.....3 Access credit for purchasing or renting inputs or equipment.....4 Place an order to purchase or rent inputs or equipment.....5 Arrange pick-up or delivery of inputs or equipment.....6 Make payments for inputs or equipment.....7 Other input or equipment related activity (specify).....96</p>	<p>What specific digital seller(s) did you use in this 2023 rainy season (from April until now)?</p> <p>WRITE DOWN THE NAMES OF THE PROVIDERS</p>	<p>How often did you receive your crop or livestock inputs or equipment from the digital seller(s) exactly when you needed them?</p> <p>All the times.....1 Most of the times.....2 Some of the times.....3 Nearly none of the time.....4</p>	<p>Would you say that the digital seller(s) was:</p> <p>Very trustworthy.....1 Slightly trustworthy.....2 Neither trustworthy not untrustworthy...3 Slightly untrustworthy...4 Very untrustworthy...5</p>	<p>Did the digital seller(s) charge your household for the inputs or equipment provided during this 2023 rainy season (from April until now)?</p> <p>YES....1 NO.....2 >> Q41</p>

SECTION 12. DIGITAL FARMING INFORMATION

USER MODULE							
	40.	41.	42.	43.	44.	45.	46.
H H I D I D	<p>Did you think the price charged by the digital seller to rent or purchase crop or livestock inputs or equipment was:</p> <p>Very poor....1 Poor.....2 Fair.....3 Good.....4 Very good....5</p>	<p>On a scale of 0-10, how likely is it that you would recommend the digital seller(s) to a friend, where 0 is not at all likely and 10 is extremely likely?</p> <p>0 - NOT AT ALL LIKELY 1 2 3 4 5 6 7 8 9 10 - EXTREMELY LIKELY</p>	<p>How would you feel if you could no longer use the digital seller(s)? Would you be:</p> <p>Very disappointed...1 Somewhat disappointed...2 Not at all disappointed...3 Cannot say.....4</p>	<p>Has interacting with the digital seller(s) changed your comfort with using digital tools for farming?</p> <p>YES....1 NO....2 >> Q45</p>	<p>How has the interaction changed your comfort level with using digital tools for farming? Are you now:</p> <p>Much more comfortable....1 More comfortable....2 More uncomfortable...3 Much more uncomfortable...4</p>	<p>Think about all your needs related to buying crop/livestock inputs or equipment. Did the digital seller(s) meet none, some, most, or all your need?</p> <p>NONE OF MY NEEDS...1 SOME OF MY NEEDS...2 MOST OF MY NEEDS...3 ALL OF MY NEEDS....4</p>	<p>Overall, has your experience this 2023 rainy season (from April until now) been much better, slightly better, the same, slightly worse or much worse because of the digital seller(s)?</p> <p>MUCH BETTER.....1 SLIGHTLY BETTER.....2 SAME.....3 SLIGHTLY WORSE.....4 MUCH WORSE.....5</p>

SECTION 12. DIGITAL FARMING INFORMATION

USER MODULE		NON-USER MODULE			
47.	48.	FILTER 7	49.	FILTER 8	50.
<p>Did using the digital seller(s) make it easier or harder for you to receive crop or livestock inputs or equipment this 2023/24 agricultural season?</p> <p>MUCH EASIER.....1 SLIGHTLY EASIER....2 NEITHER EASIER NOR HARDER.....3 SLIGHTLY HARDER....4 MUCH HARDER.....5</p>	<p>Other than renting or purchased farm inputs or equipment, did you also receive other farming-related services from the digital seller(s) this 2023 rainy season (from April until now)? Did you receive:</p> <p>SELECT ALL THAT APPLY</p> <p>Information on price for produce.....1 Weather related information...2 Crop and livestock management information.....3 Credit.....4 Insurance.....5 A digital wallet.....6 Other support related to agriculture (specify).....96</p> <p>>> GO TO Q58a</p>	<p>IS THE RESPONDENT AN INFORMAL USER? Enable Q49 if (Q30=1) AND (Q31=1) AND (Q34= option 6 or 7)</p> <p>YES...1 NO....2 >> FILTER 8</p>	<p>If not through a company or organization, who did you contact to purchase or rent crop or livestock inputs or equipment using a mobile phone?</p> <p>VILLAGE CHIEF OR VILLAGE LEADER.....1 VILLAGE LEVEL SAVINGS ASSOCIATION, SAVINGS AND/OR CREDIT GROUP.....2 AN INDEPENDENT EXPERT (E.G. AGRONOMIST OR SCIENTIST).....3 FAMILY MEMBER, FRIEND, OR ACQUAINTANCE.....4 LOCAL TRADER, WHOLESALE, SHOPKEEPER..5 OTHER, (SPECIFY).....96</p> <p>>> GO TO Q51</p>	<p>IS THE RESPONDENT A NON-USER? ENABLE Q50 IF Q30=1 AND Q31==4</p> <p>YES...1 NO....2 >> Q58a</p>	<p>From whom did you rent or purchase crop or livestock inputs or equipment this 2023 rainy season (from April until now)?</p> <p>A PRIVATE COMPANY.....1 AN NGO.....2 A GOVERNMENT AGENCY, PROGRAM, OR INSTITUTION.....3 A FARMER PRODUCER ORGANIZATION.....4 A SHOP OR VENDOR IN THE MARKET.....5 FRIENDS, FAMILY, ACQUAINTANCES.....6 OTHER, (SPECIFY).....96</p>

SECTION 12. DIGITAL FARMING INFORMATION

NON-USER MODULE						
51.	52.	53.	54.	55.	56.	57.
<p>What activities related to renting or purchasing crop or livestock inputs or equipment did you do this 2023 rainy season (from April until now)?</p> <p>SELECT ALL THAT APPLY</p> <p>Get information or advice on what inputs or equipment to purchase or rent.....1 Get information or advice on crop/livestock disease.....2 Get information on seller location, stock, and price.....3 Access credit for purchasing or renting inputs or equipment....4 Place an order to purchase or rent inputs or equipment.....5 Arrange pick-up or delivery of inputs or equipment.....6 Make payments for inputs or equipment.....7 Other input or equipment related activity (specify).....96</p>	<p>Do you know of any providers (e.g. companies or organisations) that rent or sell crop or livestock inputs or equipment on a mobile phone or through an agent with a digital device?</p> <p>YES...1 NO....2 >> Q58a</p>	<p>Who are these providers?</p> <p>WRITE DOWN THE NAMES OF THE PROVIDERS</p>	<p>Did you have access to any of these providers this 2023 rainy season (from April until now)?</p> <p>I.E. WOULD YOU HAVE BEEN ABLE TO PURCHASE OR RENT CROP OR LIVESTOCK INPUTS OR EQUIPMENT FROM ANY OF THESE PROVIDER(S) THIS 2023/24 AGRICULTURAL SEASON</p> <p>YES...1 NO....2 >> Q56</p>	<p>Which providers did you have access to?</p> <p>WRITE DOWN THE NAMES OF THE PROVIDERS</p>	<p>If not this season, has your household ever rented or purchased inputs or equipment from a provider (e.g. organization, community group, agent or company) that sells crop/livestock inputs or equipment on a mobile phone or through an agent with a digital device?</p> <p>YES...1 NO....2 >> Q58a</p>	<p>Can you tell us more about the organization(s), agent(s), or community group(s) who you rented or purchased crop/livestock inputs or equipment from using mobile phone or through an agent with a digital device? Were they:</p> <p>SELECT ALL THAT APPLY</p> <p>A Private Company.....1 A Farmer Producer Organization or Farmer Cooperatives.....2 A Government Program or Institution or Agency.....3 A Financial Institution-Bank or Micro Finance.....4 An NGO.....5 Don't know (but it is a company, organization, community group, etc).....6 Someone else/ Other (not a company, organization, or community group).....7</p>

SECTION 12. DIGITAL FARMING INFORMATION

		Stacked Use						
H H I D I D	58a. Enumerator	58.	FILTER 9	59.	60.	FILTER 10	61.	62.
	Thank you! I have a few final questions about your other farming activities this season, and some basic profile questions.	<div>Which of these farming or livestock activities did you do this season?</div> <div>SELECT ALL THAT APPLY</div> <div>Sell crops, livestock and/or livestock products from your farm.....1</div> <div>Purchase or manage insurance for your farm.....2</div> <div>Borrow or manage credit for your farm....3</div>	<div>CAPI: WAS OPTION 1 SELECTED IN Q58?</div> <div>YES...1</div> <div>NO....2 >> FILTER10</div>	<div>Did you sell crops, livestock, and/or livestock products with the help of a provider (e.g. organization or company) that sells your produce or shares information on buyers or prices using a mobile phone or through an agent with a digital device?</div> <div>YES...1 >> FILTER10</div> <div>NO....2</div>	<div>Did you have access to any of these providers in the current 2023 rainy season (from April until now)?</div> <div>YES...1</div> <div>NO....2</div>	<div>CAPI: WAS OPTION 2 SELECTED IN Q58?</div> <div>YES...1</div> <div>NO....2 >> FILTER11</div>	<div>Did you buy or manage insurance for your farm with the help of a provider (e.g. organization or company) that sells insurance on a mobile phone or through an agent with a digital device?</div> <div>YES...1 >> FILTER11</div> <div>NO....2</div>	<div>Did you have access to any of these providers in the current 2023 rainy season (from April until now)?</div> <div>YES...1</div> <div>NO....2</div>

SECTION 12. DIGITAL FARMING INFORMATION

STACKED USE			RESILIENCE			
FILTER 11	63.	64.	65.	66.	67.	68.
CAPI: WAS OPTION 3 SELECTED IN Q58? H H I D I D	Did you borrow or manage credit for your farm with the help of a provider (e.g. organization or company) that provides credit on a mobile phone or through an agent with a digital device? YES...1 NO....2 >> Q65	Did you have access to any of these providers in the current 2023 rainy season (from April until now)? YES...1 NO....2	Imagine you have an emergency, and you need to come up with 100,000 Naira within the month. How easy or difficult would it be to come up with this money next month? Very difficult.....1 Somewhat difficult.....2 Neither difficult nor easy.....3 Somewhat easy.....4 Very easy.....5	What would be your main option for coming up with 100,000 Naira in the next month? Not able to come up with the funds....1 Use money that you have saved.....2 Borrow money from a microfinance institution or bank...3 Borrow money from relatives or friends..4 Borrow money from a money lender.....5 Sell an asset.....6 Use money from your business or paycheck..7 Do something else (please specify).....96 DON'T KNOW.....99	Which of the following was your household's main source of income in the last 6 months? NOTE: EXPLAIN THIS AS 1 MAIN SOURCE WHICH BRINGS IN THE LARGEST PORTION OF THE HOUSEHOLD'S INCOME. REGULAR WAGE / SALARY EARNING.....1 WAGES FROM OCCASIONAL JOB (CONTRACT).....2 INCOME FROM NON-FARM BUSINESS.....3 INCOME FROM SALE OF LIVESTOCK PRODUCE.....4 INCOME FROM SALE OF CROPS.....5 AGRICULTURAL LABOUR.....6 CASUAL LABOUR (TEMPORARY).....7 REMITTANCES.....8 PENSION.....9 OTHER (SPECIFY).....96	Think about all the crops, livestock and/or livestock products your household sold in the last 12 months. How was the price at which your household sold most of the products decided? Was it decided: By the household (the farmer).....1 By the buyer or the market.....2 By both the household and the buyer (through discussion).....3 By someone else (SPECIFY).....96