



Food and Agriculture  
Organization of the  
United Nations

## Draft Baseline Study Household Questionnaire

**Date:**

### Introductory Statement Informed consent

I am \_\_\_\_\_ working jointly for FAO carrying out this survey for to help us understand important pieces of information about the lives of people in this community especially with regards to socio-economic activities. The information we will collect will be kept confidential and is for research purposes only. The results will be shared with the community once the final report is written. Please do your best to be honest in your answers. Taking part in this interview or the answers that you give does not affect whether you will (or will not) receive any benefits from the organisations now or in the future. The interview will take approximately 1.5 hours. If this is acceptable to you then may we begin the interview?

**Please tick**

**Yes** ☐

**No** ☐

## SECTION A

<b>Baseline Survey Questionnaire</b>	A0. Questionnaire Number		[To be provided]		A3. Subcounty			
	A1. Country		1- UG		A4. Parish-Level			
	A2. District				A5. Name Village (to be typed) village			
A6. Sample type	1= Intervention 2= Control							
A6a. Interviewer Name	A6b. Interviewer code: 1=ENUM01 2=ENUM02 3=ENUM03							
A7. Date of interview (DD/MM/YY)								
A8. Respondent Name:	A9. Sex of respondent: 1 – Male 2 - Female				A10. Respondent phone number:			
A11. Other information that can be useful in identifying the HH e.g near Bobo pri sch, near Jamia mosque		Main livelihood of the household:						
		Pastoralist	Agro-pastoral	Riverine	Fishing	Urban/Petty trade/Formal employment	Crop Farmer	Other
GPS location of the HH								

## SECTION B: (i) Household Demographics

**All Household Members beginning with household head (the person responsible for day to day decision making)**

B1 [Name] Surname and First Name	B2.[Name] ] Relations hip to the househol d head	B3. [Name]’s Age	B4. [Name] Sex  1 - Male 2 - Female	B5. [Name]’s Marital Status  1 - Married 2 - Divorced 3 - Separated 4 - Widow/er 5 - Unmarried	B6. [Name]’s highest Level of Education  1 - Never been to school 2 - Primary School incomplete 3-Primary School Complete 4.-Secondary school Incomplete 5 - Secondary school Complete 6 -Tertiary School incomplete 7 -Tertiary School Complete 8- University incomplete 9- University complete	B7. How many years has [NAME] attende d formal school?	B8. Can [Name ] read?  0. No 1. Yes	B9. Can [Name ] write?  0. No 1. Yes	B10. Is [Name] Chronicall y ill  1 - Yes 2 – No	B11. Is [Name] orphaned?  1 - Yes 2 – No	B12 What is [Name] Disability status  1 – fully able 2 – has some disability	B13. What is [Name] main economic activity  1 - Farming 2 - Vegetable Gardening 3 - Livestock rearing 4 - Poultry keeping 5 - Fishing 6 - Pension 7 - Remittance 8 - Formal Employment 9 - Business 10 - Casual employment 11 - Cross border trading 12 - other	B14. What type of phone does [Name] own? 1. Smartp hone 2. Feature Phone 3. Not applica ble

[illegible]

## Section C: Household Assets Assessment

**C5. How many of the following items does your household own? [Insert 0 if none]**

Hoe	Axe	Spraying machine	Shovel	Pick-Axe	Sickle	Rake	Cart	Tractor	Conventional Yoke	Ox Plough	Wheelbarrow	Tractor	Panga	Water Pump

**C5a. Who in the households controls and makes MOST decisions regarding the usage of [THE HOUSEHOLD ITEM] owned above?**

[This question is asked for each household asset owned from the above table]: **Options to choose from: List of household members from roster**

**C6. How many of the following items does your household own? [Insert 0 if none]**

Cell phone	Radio	Car	TV	Motorcycle	Bicycle	Solar panel	Fridge	Generator	Cooker/stove (Electric/Gas)	Iron box /pressing	Computer/Laptop	Tables	Chairs/Stools/Benches	Bed	Mattresses	Mosquito net

**C6a. Who in the households controls and makes MOST decisions regarding the usage of [THE HOUSEHOLD ITEM] owned above?**

[This question is asked for each household asset owned from the above table]: **Options to choose from: List of household members from roster**

**C7. What is the total arable land area at your homestead (both owned or rented) (specify units in acres) [Household land]?.....**

**C8. How much of this land are you currently using for agriculture (specify units e.g. acres).....**

**Who in the households controls and makes MOST decisions regarding the agricultural land owned? List of household members from roster**

## Section D: Household access to services

### Average Distance to facilities

<p>D1. How far (one way) is this dwelling from the closest accessible / functioning _____?</p> <p><b>[999 NOT APPLICABLE]</b></p> <p><b>[INDICATE TIME IN MINUTES FOR ONE WAY JOURNEY]</b></p> <p><b>[DO NOT PUT A ZERO (0)]</b></p>	<p>D1.1 Primary school _____ minutes</p> <p>D1.2. Secondary school _____ minutes</p> <p>D1.3. Public/Private health facility [Smaller and less equipped compared to a Hospital]</p> <p>D1.4. Hospital _____ minutes</p> <p>D1.5. Police post/station _____ minutes</p> <p>D1.6. Church/Mosque _____ minutes</p> <p>D1.7. Market _____ minutes</p> <p>D1.8. Agric/Extension services office</p> <p>D1.9. Government office where you get weather/climate information</p> <p>D1.10. Financial services/Bank/ Money Transfer Point</p> <p>D1.11. Public means of transport _____ minutes</p> <p>D1.12. Nearest Local Government office _____ minutes</p>	<p>D2. What is the main type of toilet facility used by this household?</p> <p>1= Covered pit latrine private</p> <p>2= Covered pit latrine shared</p> <p>3= Ventilated Improved Pit (VIP) latrine private</p> <p>4= VIP latrine shared</p> <p>5= Uncovered pit latrine</p> <p>6= Flush toilet private</p> <p>7= Flush toilet shared</p> <p>8= Bush</p> <p>9. Dig and Burn</p> <p>10. Mobile / portable toilets for refugee settlements</p> <p>11. Other (specify)</p>
--	---	--

<p>D3. What is the <b>primary</b> source of drinking water for members of your household?</p> <p>[Use the codes below]</p>		<p>D4. What is the secondary source of drinking water for members of your household?</p> <p>[Use the codes below]</p>	
<p>1. Piped (dwelling)</p> <p>2. Piped public tap</p> <p>3. Protected Shallow well</p> <p>4. Borehole</p> <p>5. Protected Spring   6. Roof rain water   7. Unprotected spring   8. Tanker /Truck water</p> <p>9. River/stream   10. Dam/pond/pan/lake   11. Water vendor   12. Unprotected /open shallow well   13. Other (specify)</p>			

D5. How long does it take you to go to and return from the primary source of water (mark 0 if in-house?) \_\_\_\_\_ minutes. [Convert all into minutes]

D6. Who is MAINLY is/are responsible for collecting this water in the household?

- [1] Male household head (Male heading the household)
- [2] Female household head (Woman heading the household)
- [3] Both (Household head and spouse)
- [4] Children
- [5] Other male(s) within the household
- [6] Other female(s) within the household
- [7] Jointly by male(s) and female(s) within the household
- [8] Other male(s) outside the household
- [9] Other female(s) outside the household
- [10] Jointly by male(s) and female(s) outside the household

## Section E: Household income and expenditure patterns

What are your regular sources of household income?

Income Source	Crop product ion	Livestock rearing and sales	Poultry keeping & sales	Fishing	Pension	Informal remittances from friends/relat ives	Formal remittances from by Gov/NGO/UN Food/cash/seeds/inp ut assistance (Quantify the values)	Formal Employ ment	Business /Petty trade	Casual emplo yment	Cross border trading	Bee keeping	Other specify
E1. Tick each applicable													
E2. Estimated income from this source in the last 12 months [Local Currency]													

E3. What was the total amount of loan(s) received in the last 12 months? [Put 0 if no loan was received] \_\_\_\_\_

**Expenditure Patterns (local currency)**

Expenditure item	Health care	Education & school fees	Clothing	Household furniture	Kitchen utensils	Farm inputs (fertilizer, seed)	Farming implements or tools	Livestock purchase	Hiring tools/Equipment	Business or other non-agricultural inputs	other (specify)
E4. Expenditure on this item in the last 12 months [Local Currency]											

## Section F: Household Crop production details

### (1) Last Long rain season

F1. Did you grow any crops during the last long rain season? 1- Yes 0- No

F2. How many crop types did you grow in last the long rain season [Specify the months for this period by project area e.g March-June etc]? \_\_\_\_\_

Main crops only [Enumerators should be guided on conversion of local land measurement to acres]

	Crop type	F3. Average land area for this crop during the last long rain season in 2019 (specify units e.g. acres)	F4. Total production for this crop during the last long rain season in 2019 in kg's	F5. Quantity sold for this crop during the last long rain season in 2019 (kg's)	F6. What was the unit price of this crop during the last long rain season in 2019	For how many months did your short rains season own food crop production lasts in feeding the hh
1	Crop 1( Maize)					
2	Crop 2( Sorghum)					
3	Crop 3( Teff)					
4	Crop 4( Cowpeas)					
5	Crop 5( Millet)					
6	Crop 6( Ground Nuts)					
7	Crop 7( Other)					
8	Crop 8( Other)					

## (2) Last Short rain season

F7. Did you grow any crops during the short rain season? 1- Yes 0- No

F8. How many crops did you grow in the short rain season? [Specify the months for this period by project area e.g March-June etc]? \_\_\_\_\_

Main crops only [Enumerators should be guided on conversion of local land measurement to acres]

	Crop type (Refer to crop list)	F9. Average land area for this crop during the last short rain season in 2018 (specify units e.g. acres)	F10. Total production for this crop during the last short rain season in 2018 in kg's	F11. Quantity sold for this crop during the last short rain season in 2018 (kg's)	F12. What was the unit price of this crop during the last long rain season in 2018	For how many months did your long rains season own food crop production lasts in feeding the hh
1	Crop 1( Maize)					
2	Crop 2( Sorghum)					
3	Crop 3( Beans)					
4	Crop 4( Cowpeas)					
5	Crop 5( Millet)					
6	Crop 6( Ground Nuts)					
7	Crop 7( Other)					

## (3) Vegetable production for the last year (November 2018 - October 2019)

F13. Did you grow any vegetables/fruits during the whole year in November 2018 - October 2019? 1- Yes 0- No

F13a. How many vegetables/fruits did you grow in the whole year November 2018 - October 2019? \_\_\_\_\_

vegetables/fruits production details – main vegetables only

	F14. Vegetables (list all vegetables grown by the household)	F15. Average land area for this crop (specify units)	F16. Total production of this crop for the whole year in November 2018 - October 2019 in kg's	F17. Quantity of this crop sold for the whole year November 2018 - October 2019 (kg's)	F18. What was the unit price of this crop?
1	Tomato				
2	Butternut				
3	Cabbage				
4	Kale				
5	Other				



(4) Tree-based production for the last year (November 2018 - October 2019)

F19.Did you grow any Trees during the whole year in 2018? 1- Yes 0- No

F19a. How many Trees did you grow in the whole year 2018? \_\_\_\_\_

Trees production details

					F20. Tree type (list all major tree types/fruits grown by the household)	F21. Average land area for this tree (specify units)	F22. Use of this tree (timber, food, medicine, sales)	F23. Total production from this tree for the whole year in kg's	F24. Quantity of this crop sold for the whole year 2018 (kg's)	F25. What was the unit price of this tree?
1										
2										
3										
4										
5										
6	Other									

F26			Have you or anyone in your household been involved in any livestock production activity, for your household, in the past 12 months? (1 = Yes , 0 = No Skip to G)								
	F27	F28	F29	F30a	F30b	F31	F32	F33	F34	F35	F36
#	Type	How many [LIVESTOCK] did your household have 12 months ago?	How many [LIVESTOCK] (at your farm or away) are owned by your household now?	How many [LIVESTOCK] did you sell in the last 12 months?	What was the amount received from sale of [LIVESTOCK]	What was the reason for [LIVESTOCK] for selling See codes below	How many [LIVESTOCK] have been consumed in the last 12 months?	How many [LIVESTOCK] have been stolen/lost in the last 12 months? [RECORD NUMBER]	How many [LIVESTOCK] have been given away as gifts or payments in the last 12 months?	How many [LIVESTOCK] have died in the last 12 months?	What was the reason for [LIVESTOCK] death? See codes below
A	Cows/Calves										
B	Goats										
C	Sheep										
D	Donkeys										
E	Poultry										
F	Beehive										
G	Other Specify										
		<p align="center"><b>Reasons for selling livestock</b></p> <p>1 = No longer needed 2 = Pay for transport expenses 3 = Purchase food 4 = Pay debt 5 = Pay medical expenses 6 = Pay education expenses 7 = Shortage of pastures/water</p>									
		<p align="center"><b>Cause of death</b></p> <p>1=N/A, no deaths, 2=Pests and Diseases, 3=Lack of feeds, pasture and fodder, 4=Predation, 5=Poor housing, 6=Floods, 7. Other (specify)</p>									

F: LIVESTOCK PRODUCTS			
F37. Has the household reported livestock production in the last month?			
0= No >> Next module			
1=Yes >>F38			
	<b>F39</b>	<b>F40</b>	<b>F41</b>
	PRODUCT CODES	If you sold any of the product how much of the [PRODUCT] produced was sold in the last month?  [IF NOTHING, RECORD ZERO FOR "QUANTITY"]	What was the total value of sales of [PRODUCT] in the last month?  ESTIMATE THE VALUE OF IN-KIND PAYMENTS.
		<b>KGs</b>	<b>UGX</b>
<b>1</b>			
<b>2</b>			
<b>3</b>			

## Section G: (i) Food consumption patterns

#	Has your household consumed any of the following foods in the last seven days? [Indicate the number of days each of the foods have been consumed, also indicating the primary source]	G1a. Did you or anyone in the household consume this food group in the last 24 hours?	G1b. Days eaten in the past seven days (Put '0' if any of the food groups was not eaten in the last seven days)	G1c. Quantity consumed in the past 7 days	G1d. Primary Source of the main food in this food group (CODE from list)	G1e. What is the amount spent for purchasing on cash/credit for [FOOD GROUP] consumed in the past 30 days?
1	Cereals: Maize, maize flour, wheat flour, rice, pasta, bread and other cereals					
2	White tubers and roots: Cassava, potatoes, sweet potatoes, banana plantain, tubers and other root crops					
3	Pulses/legumes, seeds & nuts: Bean, peas, groundnuts, cashew nuts, and other pulses					
4.1	Orange Vegetables (vitamin A rich): carrot, pumpkin, orange sweet potato, red pepper					
4.2	Green leafy vegetables (iron rich): spinach, cassava leaves, Sukuma wiki					
4.3	Other vegetables: tomatoes, onions, cucumber, green beans, peas, lettuce					
5.1	Orange fruits (vitamin A rich): mango, papaya,					
5.2	Other fruits : banana, apple, lemon etc					
6.1	Beef, goat, pork, chicken, termites, donkey or camel meat					
6.2	Liver, kidney, heart and other organ meats					
7	Fish: shellfish, tinned tuna, seafood, tilapia, omena					
8	Eggs					
9	Milk, mala, yoghurt, cheese					
10	Sugar and sugar products					
11	Oils, fat and butter					
12	Condiments/alcohol: coffee, tea, salt, garlic, spices, sauces including small amounts of fish, meat, milk					
		Key: list of codes for main sources of food				
		1=own production      4= gift      7=barter      10=did not consume 2=casual labour      5=purchased      8=credit/loan				

		3=borrowed	6=food aid	9=hunting/gathering/fishing
--	--	------------	------------	-----------------------------

## G. (ii) Reduced Coping Strategies

(Repeat the introductory phrase for each of the coping strategies below): In the past 7 days, if there have been times when you did not have enough food or money to buy food, how often has your household had to:	Raw Score (Frequency) [Indicate values 0-7]
a. Rely on less preferred and less expensive foods?	
b. Borrow food, or rely on help from a friend or relative?	
c. Limit portion size at mealtimes?	
d. Restrict consumption by adults in order for small children to eat?	
e. Reduce number of meals eaten in a day?	

## Section H: Participation in Social Networks and Trainings

Social networks	H1. Any members of your household belong to, participate, or is anyhow part of [Social Network]? 1-Yes 0- No
1. Community based organizations	
2. Self Help Group	
3. Cooperative society	
4. Savings Group [VICOBA, Merry-go round, etc.]	
5. Farmer field schools	
6. Marketing Association	
7. Water Users Association	
8. Youth Group	
9. Church/Mosque group [not just attendance to these]	
10. Others, specify	

<b>Training content</b>	
H2. Did ANYONE in this household receive training in any of the following topics in the last 12 months? Select all that apply: 1. Yes 0. No	
How to prevent or deal with Disasters (drought, floods, rapid disease outbreak)	
Use and access to climate and weather information	
Management of Natural resources (water, pasture, forests etc)	
Good agricultural practices (Soil fertility, Crop and seed selection, pest and disease control, water use/Irrigation, crop diversification and agroforestry)	
Climate Smart Agriculture (water conservation/harvesting, drought tolerant crop varieties, intercropping, minimal tillage,	
Crop pest and disease control and food safety (use of pesticides, Fall Armyworm control, aflatoxin prevention),	
Business and marketing skills	
Agribusiness and value addition (	
Livestock management (feeding, management)	
Animal health (Vaccination, treatment)	
Other (Specify)	

<b>Training process</b>	
H3. Did ANYONE in this household participate in any of the following training forums in the last 12 months? Select all that apply: 1. Yes 0. No	
Training sessions by Government extension workers	
Courses at Agricultural Training Centers	
Water user or catchment area associations	
Community meetings (organized by church/village chief etc)	
Farmer Field Schools (FFS) approaches	
Village Savings and Loan Association (VSLA)	
Advice by Community Based Animal Health Worker	
Other (Specify)	

H4a. Did your household have access to any credit in the last 12 months? (0= No, could not get access >> H4c. 1= No, but I could get access if needed 2= Yes)

H4b.What was the total amount of loan(s) received in the last month?

H5. HOUSEHOLD ENTERPRISE (1)		
[PLEASE ASK FOR NON-FARM HOUSEHOLD ACTIVITY OPERATING DURING THE LAST 12 MONTHS]		
H5a	H5b	H5c
Enterprise ID	What income-generating enterprise did individuals in your household operate over the past 12 months? [REFER TO ENTERPRISE CODES]	What was the total revenue for the [ENTERPRISE] in the last 12 months?
		UGX

	Enterprise code		
1	Petty trader (hawking, grocery, airtime, mobile money agent)	15	Making Bricks
2	Butchery	16	Construction/masonry
3	Shop	17	Carpenter
4	Clothing/Shoe Store	18	Crafts (basket making, weaving)
5	Hardware Store	19	Home Brewery
6	Agricultural/Veterinary inputs dealer	20	Charcoal dealer
7	Miller	21	Firewood dealer
8	Mechanic/tyre repair	22	Miraa/ Khat seller
9	Traditional healer/traditional birth attendants (midwifry)	23	Livestock trader
10	Bodaboda or taxi operator/transporter	24	Crop produce sellers
11	Hotel/food kiosk	25	Fish trader
12	Electronics/phone repair	26	Pharmacist
13	Tailor/clothes repair	27	Community health Vets
14	Salon/Barber shop	28	Other (specify)

<b>Ix. HOUSEHOLD MEMBER EMPLOYMENT</b>			
I. We would like to ask you about employment status of your household members			
<b>I. HOUSEHOLD MEMBER EMPLOYMENT</b>			
Wage Labour			
e5_1. At any time over the last 12 months, was \${name} employed for wage or salary for anyone who is not a member of your household?			
e5_2. What was the main economic sector where \${name} worked as wage labourer in the last 12 months?			
Specify other			
e5_3. In the last 12 months, what was \${name}'s net take-home total payment (in cash and in-kind) after all deductions at source?			
Casual Labour			
e6_1. At any time over the last 12 months, did \${name} do any casual labour for anyone who is not a member of your household?			
e6_2. What was the main economic sector where \${name} worked as casual labourer in the last 12 months?			
Specify other			
e6_3. What was the total amount, in cash and in kind, that \${name_from_earlier2} received for this work over the last 12 months?			
INDUSTRY CODES		10	Financial Intermediation
0	Not Applicable	11	Real Estate, Renting and Business Activities
1	Agriculture, Hunting and Forestry	12	Public Administration and Defence; Compulsory Social Security
2	Fishing	13	Education/ Licensed teacher
3	Mining and Quarrying	14	Health/ Licensed medical professional
4	Manufacturing/Factory wage labour	15	Other Community health worker, Social work and Personal Service Activities
5	Energy: Electricity, Gas, and Water Supply, cooking stoves, etc	16	Private Households with Employed Persons
6	Construction (e.g. roads)	17	Extra-Territorial Organisations and Bodies
7	Sale, Maintenance, and Repair, Of Motor Vehicles, Motorcycles And Personal And Household Goods	18	Middlemen
8	Hotels and Restaurants (Baker, chef, cook)	19	Welder/metal work
9	Transport, Storage and Communications	20	Artisan/craftsperson (e.g. basket weaving, pottery and wood carver)
		21	Other (Specify)



## Section I: Adoption of new technologies, improved farming practices & climate adaptation practices

I. Did your household implement any of the following [adaptation measures] in the last 12 months?

Adaptation measure	Yes	No	Not applicable
<b>I1. Crop Production</b>			
Using high quality seeds/planting materials of adapted varieties			
Crop diversification			
Organic crop farming			
Modification of cropping calendar			
CA practice – Mulching (covering the soil with crop residues)			
CA practice - Cover cropping/ green manuring			
CA practice - Crop rotations and associations (intercropping)			
CA practice - Minimum tillage / Minimum soil disturbance/ direct seeding / reduced or improved ploughing			
Water and irrigation management measures (introduction of new and/or improved irrigation methods, introduction of infield water conservation measures)			
Integrated Pest and Disease Management (IPDM)			
Integrated Weed management			
Nutrient and soil management practices that reduce fertilizer use (microdosing, XX)			
Agroforestry – Nitrogen fixing and shade trees (tree planting in or around farms)			
<b>I2. Livestock Production</b>			
Improving local livestock genetics through cross-breeding or buy and rear any cross-bred / improved breeds of livestock			
Change the type of livestock that you keep e.g do away with cattle and retaining goats only			
Intensification of pasture production to improve quality and quantity			
Rotational grazing			
Using livestock feed supplements			
Enhanced animal health management (increase in the emergence of gastro-intestinal parasites may occur due to climate change)			
Infrastructure adaptation measures (e.g. improved housing, shade trees to reduce heat stress on livestock)			

Planting of fodder trees and legumes			
<b>I3. Fisheries and Aquaculture</b>			
Changing the species/Introducing new species			
Genetic improvement to enhance resilience			
Better feed management			
Use indigenous or non-reproducing stocks to minimize biodiversity impacts			
<b>I4. Integrated or off-farm practices</b>			
Area closure/ Fallowing			
Livelihood diversification (e.g. apiculture, aquaculture)			
Water harvesting for crops and livestock (off field)			
Improved post-harvest storage facilities for crop and livestock products			
Farm residue management e.g. use of manure, composting. _____			
Use of indigenous/traditional knowledge to manage climate risks			
Use of (scientific) meteorological data and information to manage risks			
Improving farm siting, layout and design			
Taken crop or livestock insurance			
Other (elaborate).....			

F30. Have you or any member of your household been involved in any fishing activity, for your household, in the last 12 months?
F31. How much fish have you sold during the last 12 months?
F32. What was the total value earned from the fish sold?

## Section J: Shocks and hazards

Weather related shocks and hazards	J1. In the last 12 months, have you or any of your household members experienced [SHOCK]? 0. No 1. Yes	J2. How would you rank the impact of the shock to the household based on the following four categories: 1= Least severe 2= Moderate 3= Severe 4= Very severe
Flash flood		
Flooding		
Drought/ dry spells – water shortage for crops and livestock		
Frost		
Hail		
Strong winds?		
Crop diseases & pests		
Livestock diseases & pests		
High food prices		
High input prices (e.g. seeds)		
Severe water shortage - for domestic use		
Crop failure		
Livestock death		
Storm		
Crop damage when stored		
Land slide		

## SECTION K: Weather and climate information

K1. Do you receive any scientific weather information or forecasts? 0- NO 1. Yes

If yes, please indicate whether you receive weather and climate information from any of the following sources.	For each source you receive information for please answer the corresponding questions.				
Yes - 1 No - 0	K2. What type of information do you receive?	K3. What is the MAIN format of access of the information?	K4. How often do you access this information?	K5. In your opinion, how reliable and accurate is the information?	K6. What is the normal lead time between getting the information to the occurrence of the event?
Meteorological services department <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>
Government extension service <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>

NGO's <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>
Other farmers <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>
Local leaders <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>

Schools <input type="checkbox"/>	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>
Other <input type="checkbox"/> Specify	Seasonal forecasts <input type="checkbox"/> Lightning warnings <input type="checkbox"/> Information on rainfall season start <input type="checkbox"/> Hail warnings <input type="checkbox"/> Drought warnings <input type="checkbox"/> Daily temperature & rainfall forecasts <input type="checkbox"/> Flood warnings <input type="checkbox"/> Forecast updates <input type="checkbox"/>	Radio <input type="checkbox"/> Internet <input type="checkbox"/> Television <input type="checkbox"/> Community meetings <input type="checkbox"/> News papers <input type="checkbox"/> Face to face information <input type="checkbox"/> Cell phone <input type="checkbox"/> Written weather bulletins <input type="checkbox"/> Other (Specify) <input type="checkbox"/>	Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once a year <input type="checkbox"/> Other <input type="checkbox"/> (Specify).....	Yes it is reliable/accurate <input type="checkbox"/> No it is not reliable/accurate <input type="checkbox"/> It is sometimes reliable/accurate <input type="checkbox"/> Please explain how it is or is not reliable and accurate. _____	One day <input type="checkbox"/> A few days <input type="checkbox"/> A week <input type="checkbox"/> A few weeks <input type="checkbox"/> A month <input type="checkbox"/> A few months <input type="checkbox"/> A year or more <input type="checkbox"/> Other (Specify).... <input type="checkbox"/>

**K9. How do you use weather and climate information (tick one only)?**

For making agricultural decisions ☐ Just for information ☐ I don't use it ☐ Other (Specify)..... ☐

**K10. In your view, is that weather information is useful for you in your livelihood? 1. Yes 0. No If yes, describe how .....**

**K11. Do you experience any problems with access to weather information in your community? 0. No 1. Yes 2. Do not know**

**K12. If yes, what are the main problems? (Tick each applicable)**

Information comes too late <input type="checkbox"/>	Information is too complicated <input type="checkbox"/>	Information is not relevant to our needs <input type="checkbox"/>	No one is available to explain the information to us <input type="checkbox"/>	Information is not practical <input type="checkbox"/>	Forecast needs interpretation into local languages <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
---	---	---	---	---	---	---

**K13. What weather information would you want to help you in your activities (tick each applicable)?**

Onset of the rains <input type="checkbox"/>	Total rainfall quantity in the season <input type="checkbox"/>	Length of growing period within a season <input type="checkbox"/>	rainfall distribution within a season (wet/dry spells) <input type="checkbox"/>	Information whether there will be drought or floods <input type="checkbox"/>	Practical information on farming strategies <input type="checkbox"/>	Other 1 (Specify)..... <input type="checkbox"/>
Lighting warnings <input type="checkbox"/>						

K14. Which actors do you think is best suited to give you information on weather and climate? (Tick one only)

Meteorological services department <input type="checkbox"/>	Government extension service <input type="checkbox"/>	NGO's <input type="checkbox"/>	Local leaders <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
---	---	--------------------------------	--	---

K15. In what format would you like to receive the information? (Tick one only)

Radio <input type="checkbox"/>	Internet <input type="checkbox"/>	Television <input type="checkbox"/>	Cellphone <input type="checkbox"/>	News papers <input type="checkbox"/>	Face to face information <input type="checkbox"/>	Written weather bulletins <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
--------------------------------	-----------------------------------	-------------------------------------	------------------------------------	--------------------------------------	---	--	---

K16. How often would you like to receive this information? (Tick one only)

Daily <input type="checkbox"/>	Weekly <input type="checkbox"/>	Monthly <input type="checkbox"/>	Before a major weather event <input type="checkbox"/>	Before the rainfall season <input type="checkbox"/>	Once a year <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
--------------------------------	---------------------------------	----------------------------------	---	---	--------------------------------------	---

## SECTION L: Climate change

L1. Have you personally noticed any changes in the weather and climate in your community since you started living here? 0. No 1. Yes

L2. If yes, what changes have you noticed (tick each applicable)?

Reduction in the amount of rainfall <input type="checkbox"/>	Change in season start <input type="checkbox"/>	Change in season end <input type="checkbox"/>	Increase in the length of the mid season dry spell <input type="checkbox"/>	Increasing temperatures <input type="checkbox"/>	Increasing frequency and intensity of droughts <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
Increase in the amount of rainfall <input type="checkbox"/>	Increase in frequency and intensity of floods <input type="checkbox"/>	Drying of perennial rivers <input type="checkbox"/>		Reducing temperatures <input type="checkbox"/>	Longer dry season <input type="checkbox"/>	..... <input type="checkbox"/>

L3. Did you do anything to adjust your livelihoods to changes in weather and climate? 0. No 1. Yes

L4. If yes, what do you do to adjust your livelihoods to the weather or changing climate (tick each applicable)?

Adjust planting date <input type="checkbox"/>	Adjust the crop type and variety planted <input type="checkbox"/>	Sell livestock <input type="checkbox"/>	Sell other assets <input type="checkbox"/>	Diversify livelihoods <input type="checkbox"/>	Other (Specify) ..... <input type="checkbox"/>
---	---	---	--	--	--

L5. What do you think should be done to improve your household's ability to withstand changes in weather and climate (tick each applicable)?

Invest in water harvesting for crops and livestock <input type="checkbox"/>	Improve information dissemination on weather and climate <input type="checkbox"/>	Invest in drought resistant crops or new seed varieties <input type="checkbox"/>	Capacitate producers <input type="checkbox"/>	Diversify farm livelihoods <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>
Invest in drought resistant livestock breeds <input type="checkbox"/>	Conduct value addition <input type="checkbox"/>	Invest in off farm employment <input type="checkbox"/>	Improve natural resources management <input type="checkbox"/>	Plant more trees <input type="checkbox"/>	Other (Specify)..... <input type="checkbox"/>

L6. Which crop that your household has been growing is **most** affected by changes in the weather ? \_\_\_\_\_

L7. Which livestock species that your household has been keeping is **most** affected by changes in the weather ? \_\_\_\_\_

L8. Which group in your household is most affected by changes in the weather (men, women, elderly, children)?

Men <input type="checkbox"/>	Women <input type="checkbox"/>	All effected the same <input type="checkbox"/>	Children <input type="checkbox"/>	Elderly <input type="checkbox"/>	Please explain why? .....
------------------------------	--------------------------------	--	-----------------------------------	----------------------------------	---------------------------

L10. Have you ever heard of something called Climate change? 0. No 1. Yes

L11. If yes, where did you hear it from (tick one only)?

Meteorological services department	<input type="checkbox"/>	Government extension service	<input type="checkbox"/>	NGO's	<input type="checkbox"/>	Other farmers	<input type="checkbox"/>	Radio/TV	<input type="checkbox"/>	Other (specify) .....	<input type="checkbox"/>
------------------------------------	--------------------------	------------------------------	--------------------------	-------	--------------------------	---------------	--------------------------	----------	--------------------------	-----------------------	--------------------------

L12. Do you believe that the climate is changing? 0. No 1. Yes

Do you know what climate change adaptation is? 0. No 1. Yes If Yes, please give an example of climate change adaptation in your community.....

**\*\*\*END\*\*\***

Thank you for your time and the information you have provided. It will go along way in assisting the team on climate change planning in your community.