



<b>2. Demographic Information</b>	
2.2. Name of respondent	
2.3. Gender	[1] Male      [2] Female
2.4. Household head?	[0] No      [1] Yes
2.5. Age of respondent	[Years]
2.6. Tribe/ethnicity/language group	[1] Oromo [2] Amahara [3] Kembata [4] Wolaita [5] Tegere [95] Other: _____ [-99] Refuse
2.7. What languages are spoken in your household? <i>Mark all that apply</i>	[1] Afan Oromo [2] Amahargna [3] Kambatgna [4] Wolaitgna [5] Tegergna [95] Other: _____
2.8. Can you read and write?	[0] No [1] Yes
2.9. Religion	[1] Christian – Orthodox [2] Christian – Catholic [3] Christian – Protestant [4] Christian – Other _____ [5] Muslim [4] Animist [0] No religion [95] Other _____ [-99] Refuse
2.10. Please estimate the approximate number of households in your village:	[Households] [-9] Don't know
2.11. How many years have you lived here?	[Years]
2.12. How many total people, including children, live in your household?	[People] [-9] Don't know
2.13. Does the number of people in your household change depending on the season?	[0] No [1] Yes
2.14. If yes, which season?	[0] Does not change [1] Rainy season [2] Dry season
2.15. If yes, where do they go?	[0] Do not go [1] School [2] Work [3] Look for work [4] With animals [95] Other: _____

**Household Roster**

Please ask for the information of everyone who currently lives in the household.

No.	2.16. Name	2.17. Present today?	2.18. Gender	2.19. Age	2.20. Relationship to household head	2.21. Marital status	2.22. If female, pregnant?	2.23. Highest level of schooling	2.24. Primary Occupation during previous 12 months
		[1] Yes [0] No	[1] Male [2] Female	[Years]	[1] Head [2] Wife or Husband [3] Son or Daughter [4] Son- or Daughter-in-law [5] Grandchild [6] Parent [7] Parent-in-law [8] Brother or Sister [9] Co-Wife [10] Other Relative [11] Adopted/Foster/Stepchild [12] Not related [-9] Don't Know	[1] Married [2] Divorced/ Separated [3] Widowed [4] Never married	[0] No [1] Yes [-9] Don't Know [-99] Refuse/ not-applicable	[0] None [1] Adult Education [2] KG [3] Grades 1-4 [4] Grades 5-8 [5] Grades 9-10 [6] Prep 11-12 [7] Higher [-9] Don't Know	[1] Crop farmer [2] Pastoralist [3] Mixed (crop & livestock) [4] Business [5] Government Employee [6] Private Employee [7] Wage laborer [8] Student [9] Housewife [10] Self-employed [11] Unemployed [95] Other: _____ [-9] Not Applicable
1		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
2		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
3		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
4		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
5		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
6		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
7		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
8		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
9		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
10		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
11		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
12		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
13		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
14		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]
15		[0] [1]	[1] [2]		[ ]	[1] [2] [3] [4]	[0] [1] [-9] [-99]	[0] [1] [2] [3] [4] [5] [6] [7] [-9]	[ ]

<b>3. Basic health and nutrition</b>	
3.1. How many kilometers is the closest health facility to your house where you or a family member could get healthcare?	[km]
3.2. What is the name of the closest health facility?	
3.3. Do members of this household generally get enough to eat?	[0] No [1] Yes
3.4. In an average month, how many meals per day do members of your household generally eat?	[Meals per day] [-9] Unsure
3.5. How many months per year does your household lack enough food to eat?	[months per year]
3.6. How many times per year do meals in your household include meat?	[times per year]
3.7. How many months per year does your household generally have milk to drink?	[months per year]
3.8. When milk is available, how many times per week do members of your household drink it?	[times per week]
3.9. In an average week, how many meals do you eat maize?	[meals per week]
3.10. In an average week, how many meals do you eat teff?	[meals per week]
3.11. In an average week, how many meals do you eat wheat?	[meals per week]
3.12. In an average week, how many meals do you eat other grains?	[meals per week]
3.13. In an average week, how many meals do you eat shiro?	[meals per week]
3.14. In an average week, how many meals do you eat vegetables?	[meals per week]
3.15. What type of vegetables do you usually eat?	
3.16. In an average week, how many meals do you eat fruit?	[meals per week]
3.17. What type of fruit do you usually eat?	
3.18. Generally, at what age does an infant in your household start drinking water?	[Months] [-99] No children
3.19. At how many months does a child in your household generally stop breast feeding?	[Months] [-99] No children
3.20. Does anyone in this household smoke?	[0] No [1] Yes [-9] Unsure [-99] Refuse
3.20.1. If yes, who? <i>Record names:</i>	[0] No one smokes [-99] Refuse
3.20.2. Approximately how many cigarettes per week are smoked in this household?	[0] No one smokes [-9] Unsure [-99] Refuse

<b>4. Water Sources</b> I am going to ask you about all the sources you use for retrieving drinking, cooking, and bathing water.	4.1. Do you use water from [SOURCE] for drinking purposes?  <i>(Read all options)</i>  [0] No [1] Yes	4.2. Do you use water from [SOURCE] for cooking purposes?  [0] No [1] Yes	4.3. Do you use water from [SOURCE] for bathing/washing purposes?  [0] No [1] Yes	4.4. Is this source Public or Private?  [1] Public [2] Private	4.5. When you use [SOURCE], what form of transportation do you normally use to transport water from this supply to your house?  <i>(Only read sources selected in question a,b, and c)</i> [0] No transport needed ( [1] Walking [2] Animals [3] Laborer [95] Other:_____	4.6. How long does it take to walk/travel, wait, fill container and come back from this [SOURCE]?  <i>(Only read sources selected in question a)</i>  [-9] Don't know/ not sure  [Minutes]	4.7. On average, how many jerrycans (yellow 20 liter) of water do you use from [SOURCE] each week for drinking, cooking, and washing?  [-9] Don't know/ not sure  [Jerrycans]	4.8. On average, including fees, expenses and other costs, how much do you actually pay per month to use this water supply?  <i>(Estimate all fees and expenses. If nothing is paid, write "0". If yearly payment, estimate for month)</i>  [-9] Don't know / not sure  [Birr]
[1] Tap	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[2] Dug well (protected)	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[3] Dug well (unprotected)	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[4] Borehole	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[5] Neighbors that give water	[0] [1]	[0] [1]	[0] [1]	////////	[0] [1] [2] [3] [95]			
[6] Spring	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[7] Surface water (rivers, lakes, ponds)	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[8] Irrigation canal	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[9] Water harvesting	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
[95] Do you use any other water sources? <i>Record:</i> _____	[0] [1]	[0] [1]	[0] [1]	[1] [2]	[0] [1] [2] [3] [95]			
4.9. What is your main source of water in the wet season?					[0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [95]			
4.10. What is your main source of water in the dry season					[0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [95]			

4.11. If you use a borehole, how is it pumped?	[0] Do not use borehole [1] Wind [2] Solar [3] Generator/petrol [4] Electrical (power line) [95] Other: _____
4.12. If you pay for your main drinking water source, when do you pay?	[0] Do not pay [1] Annual fee [2] Monthly fee [3] Every use [4] Only when repairs are needed [95] Other: _____
4.13. Approximately how many households use your main drinking water source?	[Households] [-9] Don't know
4.14. For how many weeks in the last year did you experience a water shortage from your main water sources?	[Weeks] [-9] Don't know
4.15. Who primarily retrieves the water for your household? (Gender)	[1] Female [2] Male
4.15.1. Approximate Age:	[years]
4.16. If you cannot (or could not) get water from your main sources (e.g. broken down or dry), where do or would you go to fetch drinking water?	[1] Dug Well [2] Borehole [3] Neighbors that give water [4] Nearby town [5] Surface water (rivers, lakes, ponds) [6] Irrigation canal [7] Tanker/vendor [8] Water harvesting [95] Other: _____
4.17. Who is responsible for managing and maintaining your main source?	[0] No manager [1] Self [2] Village head/elder [3] Elected well manager [4] Water scheme committee [5] Water bureau [6] Non-governmental organization [95] Other, please specify: _____
4.18. Who is responsible for paying for repairs to your main source?	[0] No manager [1] Self [2] Village head/elder [3] Water scheme committee [4] Water bureau [5] Non-governmental organization [95] Other, please specify: _____
<b>Water Storage</b>	
4.19. Does your household store or bring water into your home in containers?	[0] No [1] Yes
4.19.1. If yes, how many containers?	[Containers]
4.19.2. What type of container do you transport the water in?	[0] Do not transport [1] Plastic jerrycan [2] Metal barrel [3] Clay pot [95] Other: _____

4.19.3. Do you seal or cover the container during transport				[0] Never [1] Sometimes [2] Always			
<b>Observed Water Storage Containers:</b> <i>Enumerator, please ask to see the containers, and describe them here</i>							
Container (Three largest types)	4.20. Observe: Material [1] Clay [2] Plastic [3] Metal [95] Other: _____	4.21. Number of containers of this type	4.22. Estimate: Approximate volume in liters	4.23. Observe: Is the container opening covered or sealed? [0] Open [1] Covered [2] Tightly sealed	4.24. Observe: Is the diameter of the mouth of the container(s) less than 10cm? [0] No [1] Yes	4.25. Observe: Is the container elevated from the ground? [0] No [1] Yes	4.26. Observe or ask: How is water removed from the container? [1] Poured out [2] Dip cup with hands [3] Both pouring and dipping [4] Use ladle / cup with long handle [5] Tap [95] Other, please specify: _____
1	[1] [2] [3] [95]			[0] [1] [2]	[0] [1]	[0] [1]	[1] [2] [3] [4] [5] [95]
2	[1] [2] [3] [95]			[0] [1] [2]	[0] [1]	[0] [1]	[1] [2] [3] [4] [5] [95]
3	[1] [2] [3] [95]			[0] [1] [2]	[0] [1]	[0] [1]	[1] [2] [3] [4] [5] [95]
4.27. <i>Enumerator, please observe:</i> Is there soap or detergent powder visible near the household's water containers/in-house source?				[0] No [1] Yes			
4.28. How often do you wash your water containers in which you store water?				[0] Never [1] Less than once a year [2] Yearly [3] Every six months [4] Monthly [5] Weekly [6] Daily [7] Each use			
4.29. How often do you wash your water containers in which you transport water?				[0] Never [1] Less than once a year [2] Yearly [3] Every six months [4] Monthly [5] Weekly [6] Daily [7] Each use			
4.30. How do you wash your water storage containers?				[0] Do not wash [1] Rinse with water [2] Scrub with brush and rinse [3] Use soap and scrubbing [4] Use ash [5] Use sand/soil [6] With leaves or plant material [7] With boiling water [95] Other: _____			
<b>Water treatment</b>							
4.31. Do you do anything to treat your drinking water at home?				[0] No [1] Yes			

4.31.1. What do you usually do to make the water safer to drink?  <i>Do not read options; mark all that apply</i>	[0] Do not treat [1] Boil [2] Simple Filter (e.g. Sieve it through cloth, plastic net) [3] Advanced filter (e.g ceramic) [4] Use chemicals (e.g. bleach/chlorine/coagulant etc.) [5] Deflouridization [95] Other: _____
4.31.2. <i>If respondent indicated multiple forms of water treatment, ask:</i> What is the primary way you treat your water?	[0] Do not treat [1] Boil [2] Simple Filter (e.g. Sieve it through cloth, plastic net) [3] Advanced filter (e.g ceramic) [4] Use chemicals (e.g. bleach/chlorine/coagulant etc.) [5] Deflouridization [95] Other: _____
4.31.3. Do you treat your water in both seasons, or only in the wet or dry season?	[0] Do not treat [1] Rainy season [2] Dry season [3] Both seasons
4.31.4. In the seasons you treat water, how often do you treat your water?	[0] Do not treat [1] Each use [2] Daily [3] Weekly [4] Monthly
4.32. If you make baby formula, do you treat the water?	[0] No [1] Yes [-99] Do not have children
4.32.1. If yes, how do you treat the water used for making baby formula?  <i>Do not read options.</i>	[0] Do not treat [1] Treat by boiling [2] Treat by filtering with simple filter [3] Treat by filtering with advanced filter [4] Treat with chemicals [5] Deflouridization [95] Other: _____ [-9] Don't know / not sure
4.33. How safe do you think your water is when you collect it at the source that you use (before in-house treatment, storage, and handling)?  <i>Read options aloud.</i>	[1] It is definitely safe to drink [2] It is probably safe to drink [3] I am not sure if it is safe to drink [4] It is probably not safe to drink [5] It is definitely not safe to drink [-9] Don't know / not sure
4.34. How safe do you think your water is at the time you actually drink it (after in-house treatment, storage, and handling)?  <i>Read options aloud.</i>	[1] It is definitely safe to drink [2] It is probably safe to drink [3] I am not sure if it is safe to drink [4] It is probably not safe to drink [5] It is definitely not safe to drink [-9] Don't know / not sure
<b>Handwashing</b>	
4.35. How do you wash your hands? <i>Do not read options, mark all that apply.</i>	[1] Water only [2] Water and soap or detergent powder [3] Sand/Soil [4] Ash [95]Other: _____



4.36. When do you wash your hands? <i>Do not read options, mark all that apply.</i>		4.37. Ask if yes: With soap?
	[0] Never ( <i>If never, do not circle any other options</i> ) [1] After using toilet [2] Before preparing food [3] Before eating food [4] After eating food [5] After cleaning a child's bottom [6] When hands are dirty [7] When praying [95] Other: _____	<u>No</u> <u>Yes</u> [0] [1] [0] [1] [0] [1] [0] [1] [0] [1] [0] [1] [0] [1] [0] [1]
<i>For those times not mentioned ask the following questions. If already mentioned, enumerator may mark yes.</i>		
4.38. Do you wash your hands after using the toilet?	[0] No [1] Yes	
4.39. Do you wash your hands before preparing food?	[0] No [1] Yes	
4.40. Do you wash your hands before eating food?	[0] No [1] Yes	
4.41. Do you wash your hands after cleaning a child's bottom?	[0] No [1] Yes	

<b>5. Sanitation and Diarrhea</b>	
5.1. How do you dispose of solid waste?	[1] Throw in yard [2] Throw in bush [3] Burn [4] Bury [5] Pay for trash collection [95] Other _____
5.2. How do you dispose of liquid waste?	[1] Throw in yard [2] Throw in bush [3] Put in latrine [4] Bury [95] Other _____
5.3. Where do adult members of the household go to the toilet most of the time? <i>Do not read options.</i>	[0] In the bush [1] In the yard [2] Drop pit latrine [3] Flush (offset) latrine [4] Indoor toilet [5] In a bowl, bucket, or child potty inside [95] Other, please specify: _____ [-99] Refuse
5.4. Where do children under age five go to the toilet most of the time, or where is there waste disposed of? <i>Do not read options.</i>	[0] In the bush [1] In the yard [2] Drop pit latrine [3] Flush (offset) latrine [4] Indoor toilet [5] In a bowl, bucket, or child potty inside [95] Other, please specify: _____ [-99] Refuse

5.5. Did any household member have diarrhea during the past year? <i>(Specify: Diarrhea is 3 or more loose stools in 24 hours)</i>	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6. Did any household member have diarrhea during the past 7 days?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.1. How many children in the household had diarrhea during the past 7 days?	[children] [-99] Refuse
5.6.2. How many adults in the household had diarrhea during the past 7 days?	[adults] [-99] Refuse
5.6.3. Was there ever any fever accompanying the diarrhea?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.4. Was there any abdominal pain accompanying the diarrhea?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.5. Did any members have sunken eyeballs accompanying the diarrhea?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.6. In the past 7 days, how many total combined days of work or school did members of the household miss because of diarrhea for illness or care of others?	[Total days] [-9] Unsure
5.6.7. In the past 7 days, did any member receive any special treatments for diarrhea?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.8. In the past 7 days, did any member visit a doctor or trained health worker regarding the diarrhea?	[0] No [1] Yes [-9] Unsure [-99] Refuse
5.6.8.1. If yes, in the last 7 days, how much total money was spent on treatment, including travel to health centers, tests, fees?	[Birr] [-9] Unsure
5.7. What are the symptoms of diarrheal disease? <i>Do not read options, mark all that apply. Please specify if other.</i>	[1] Loose and watery stool [2] Blood in stool [3] Mucus in stool [4] Abdominal pain or cramps [5] Soft part on skull of a child sunken [6] Fever [7] Vomiting [8] Weakness (loss of weight, thinned/weakened limbs, Not eating or drinking well) [9] Dehydration (marked thirst, dried lips) [10] Change in mental state (mental stupor, dizziness, convulsion/fits/seizures, unconscious) [11] Headache [12] Tenesmus [13] Change in color of stool [95] Other: _____ [-9] Don't know / not sure [-99] Refuse

<p>5.8. What causes diarrhea?  <i>Do not read options, mark all that apply.  Please specify if other.</i></p>	<p>[1] Eating old foods  [2] Eating food from street vendors  [3] Eating food contaminated by flies  [4] Unclean/smelly food  [5] Uncooked and undercooked food  [6] Drinking bad water (e.g., contaminated source, dirty tank)  [7] Using unhygienic latrines / open defecation  [8] Open drains / bad drainage  [9] Evil Eye  [10] Not washing hands  [11] Flooding  [12] Teething / new teeth  [13] Exposure to sick people  [14] Poor preservation of Food  [15] Some types of vaccines/drugs  [16] Household uncleanness  [17] Village uncleanness  [95] Other: _____  [-9] Don't know / not sure [-99] Refuse</p>
<p>5.9. Do you think diarrhea can be prevented?</p>	<p>[0] No  [1] Yes [-9] Unsure</p>
<p>5.9.1. If yes, how can diarrhea be prevented?  <i>Do not read options, mark all that apply.</i></p>	<p>[0] Cannot be prevented  [1] Use clean sources of water  [2] Treat water at home  [3] Store water in capped containers  [4] Clean water containers regularly  [5] Do not dip hands in water container  [6] Proper hygiene and hand-washing  [7] Cook food thoroughly  [8] Do not eat old food  [9] Do not store water too long  [10] Keep house clean  [11] Keep bathroom clean  [12] Have latrine separate from cooking and eating areas  [13] Keep animals out of house  [14] With the grace of God  [95] Other: _____  [-9] Don't know / not sure</p>
<p>5.10. What causes fluorosis (e.g. tooth enamel decay)?  <i>Do not read options</i></p>	<p>[0] Nothing specific  [1] Fluoride (<i>specifically mentioned or described</i>)  [2] Chemical in water  [3] Dirty or bad water  [4] Worms  [95] Other: _____  [-9] Unsure/don't know</p>
<p>5.11. What can be done to prevent fluorosis (e.g. tooth enamel decay)?  5.11.1. <i>Do not read options</i></p>	<p>[0] Nothing specific  [1] Drink different water  [2] Treat water by filtering, boiling, or adding chemicals  [3] Treat water to remove fluoride (<i>specifically mentioned or described, e.g. with aluminum sulfate or bone ash</i>)  [95] Other: _____  [-9] Unsure/don't know</p>

### 6. Land ownership and farm production

Please tell me about all of the plots your own or rent this year, including the plot your house is on.

Plot number	6.1. Distance from household (km)	6.2. Distance from household (walking minutes)	6.3. Area (Ha)	6.4. Do you hold a title to this land? [0] No [1] Yes	6.5. If yes, how did you obtain title? [1] Bought directly [2] Received in redistribution [3] Received in titling program [4] Gift [5] Inheritance [6] Divorce share [95] Other: _____ [0] No title	6.6. Is this land rented? [0] No [1] Yes, rent from others [2] Yes, rent to others.	6.7. If this land is rented, how much is the annual cost of rental? (Birr / yr)
1	0 (house plot)	0		[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
2				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
3				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
4				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
5				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
6				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
7				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
8				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
9				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	
10				[0] [1]	[0] [1] [2] [3] [4] [5] [6] [95]	[0] [1] [2]	

If more than 10 plots are owned or rented, check here: [1]

### 7. Agriculture and farming

#### Animals

7.1. How many cows do you own?	[cows]
7.2. How many oxen (male cows) do you own?	[oxen]
7.3. How many donkeys do you own?	[donkeys]
7.4. How many sheep do you own?	[sheep]
7.5. How many goats do you own?	[goats]
7.6. How many chickens do you own?	[chickens]
7.7. Do you own any other animals? If yes, specify:	
7.8. Where do your livestock get water in the wet season?	[1] Dug Well [2] Borehole [3] Neighbors that give water [4] Nearby town [5] Surface water (rivers, lakes, ponds) [6] Irrigation canal [7] Tanker/vendor [8] Water harvesting [95] Other: _____
7.9. Where do your livestock get water in the dry season?	[1] Dug Well [2] Borehole [3] Neighbors that give water [4] Nearby town [5] Surface water (rivers, lakes, ponds) [6] Irrigation canal [7] Tanker/vendor [8] Water harvesting [95] Other: _____

7.10. Do you raise any crops on your land?		[0] No [1] Yes								
CROP	7.11. Do you grow [CROP]?  [0] No ( <i>Go to next crop</i> ) [1] Yes [-9] Don't know ( <i>Go to next crop</i> )	7.12. On how much land do you grow [CROP]? (Hectares)	7.13. Are you dependent on rainwater for this crop?  [0] No [1] Yes, in part [2] Yes, completely [-9] Don't know	7.14. Do you irrigate [CROP]? [0] No ( <i>Go to next crop</i> ) [1] Yes, in part [2] Yes, completely [-9] Don't know ( <i>Go to next crop</i> )	7.15. If yes, what water source do you use for irrigation? [0] Do not irrigate [1] Surface water [2] Dug well [3] Borehole pump [4] Rainwater harvesting					
[1] Maize	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[2] Teff	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[3] Wheat	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[4] Sorghum	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[5] Barley	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[6] Beans and peas	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[7] Boloka (bean)	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[8] Onions	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[9] Cabbage	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[10] Sweet potatoes	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[11] Potatoes	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[12] Tomatoes	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[13] Peppers	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
[95] Other	[0] [1] [-9]		[0] [1] [2] [-9]	[0] [1] [2] [-9]	[0] [1] [2] [3] [4] [95]					
Crop type	7.16. What was your total yield last harvest?  [0] Do not grow [-9] Don't know ( <i>Go to next crop</i> )	7.17. How much do you consume?  [-9] Don't know ( <i>Go to next crop</i> )	7.18. How much do you sell?  [-9] Don't know	7.19. What is the price you earned last year (Birr per unit) [-9] Don't know	7.20. What is the price variation by year? (Birr per unit) [-9] Don't know	7.21. Do you sell the crop residues/byproducts? [0] No [1] Yes [-9] Don't know	7.22. If yes, what is the total value of residues (Birr)? [-9] Don't know			
	Quantity	Unit	% of crop	% of crop	Birr	Unit	Low	High		
[1] Maize									[0] [1] [-9]	
[2] Teff									[0] [1] [-9]	
[3] Wheat									[0] [1] [-9]	
[4] Sorghum									[0] [1] [-9]	
[5] Barley									[0] [1] [-9]	
[6] Beans and peas									[0] [1] [-9]	
[7] Boloka (bean)									[0] [1] [-9]	
[8] Onions									[0] [1] [-9]	
[9] Cabbage									[0] [1] [-9]	
[10] Sweet potatoes									[0] [1] [-9]	
[11] Potatoes									[0] [1] [-9]	
[12] Tomatoes									[0] [1] [-9]	
[13] Peppers									[0] [1] [-9]	
[95] Other: _____									[0] [1] [-9]	

<i>If respondent indicated that they use irrigation, ask:</i>		[Years]
7.22.1. For how many years have you used irrigation?		
7.22.2. Do you receive sufficient irrigation water for your crops?	[0] No [1] Yes	[-99] Not applicable
7.22.3. Which of your crops are affected by lack of irrigation water? <i>Do not read options, mark all that apply.</i>	[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [98] All of them [-9] Not sure [-99] N/A	

7.23. Which of your crops are affected by lack of rain water? <i>Do not read options, mark all that apply.</i>	[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [98] All of them [-9] Not sure [-99] N/A	
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<b>Farming equipment</b>		
7.24. How many hoes do you own?		[hoes]
7.25. How many shovels do you own?		[shovels]
7.26. How many sickles do you own?		[sickles]
7.27. How many ploughs do you own?		[ploughs]
7.28. Do you own a tractor?		[tractors]
7.29. Do you own any other farming equipment?	[0] No [1] Yes Other: _____	

<b>Farming costs</b>		
7.30. Approximately how much did you pay for fertilizer last year?		[Birr] [-9] Don't know [-99] Refuse
7.31. Approximately how much did you pay for farm labor last year?		[Birr] [-9] Don't know [-99] Refuse
7.32. Approximately how much did you pay for seeds for planting last year?		[Birr] [-9] Don't know [-99] Refuse

7.33. Approximately how much did you pay for animal feed last year?	[Birr] [-9] Don't know [-99] Refuse
7.34. Approximately how much did you pay for pesticides for farming last year?	[Birr] [-9] Don't know [-99] Refuse
7.35. Approximately how much did you pay for water costs for farming last year?	[Birr] [-9] Don't know [-99] Refuse
7.36. Approximately how much did you pay for taxes and fees for farming last year?	[Birr] [-9] Don't know [-99] Refuse
7.37. Approximately how much did you pay for any other farming expenses in the last year?	[Birr] [-9] Don't know [-99] Refuse
7.38. In your area, what is the pay for daily farm labor?	[Birr] [-9] Don't know [-99] Refuse
7.39. In your area, what is the pay for annual farm labor?	[Birr] [-9] Don't know [-99] Refuse
7.40. What is your total revenue from selling all crops in a good year?	[Birr] [-9] Don't know [-99] Refuse
7.41. What is your total revenue from selling all crops in an average year?	[Birr] [-9] Don't know [-99] Refuse
7.42. What is your total revenue from selling all crops in a bad year?	[Birr] [-9] Don't know [-99] Refuse
7.43. For your crop yield, what is the most important factor in determining a good year?  <i>Do not read options, mark all that apply.</i>	[1] Enough rain [2] Availability of labor for hire [3] Temperature / amount of sun [4] Insect populations [5] Irrigation water availability [6] Market access [7] Price in market [8] Road quality [9] Personal effort [10] Availability of farming inputs (fertilizer, seed) [11] Divine blessing/God's will [95] Other: _____ [-9] Don't know/unsure [-99] Refuse
7.44. For your crop yield, what is the most important factor in determining a bad year?  <i>Do not read options, mark all that apply.</i>	[1] Not enough rain [2] Unexpected rain [3] Temperature / amount of sun [4] Flooding [5] Frost [6] Fire [7] Birds [8] Insect populations [9] Exotic weeds [10] Crop disease [11] Poor irrigation availability [12] Shortage of labor for hire [13] Lack of market access [14] Low prices in market [15] Bad road quality [16] Lack of personal effort [17] Lack of farming inputs (fertilizer, seed) [18] God's will [95] Other: _____ [-9] Don't know/unsure [-99] Refuse

7.45. In the past ten years, have you experienced any total crop failure?	[0] No [1] Yes [-9] Don't know/unsure [-99] Refuse
7.45.1. In the past ten years, how many times have you experienced a total crop failure?	[times]
7.45.2. What were the reasons for the crop failure(s)? <i>Do not read options, mark all that apply.</i>	[0] No crop failure [1] No rain [2] Unexpected rain [3] Flooding [4] Pests [5] Insects [6] Quality of seed [95] Other: _____
7.45.3. In the past 10 years, which of your crops have failed?	[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A

<b>8. Information and Social Capital</b>	
8.1. In general, would you say that most people in your village can be trusted or that you cannot trust people in your village?  <i>Read the first 2 options.</i>	[1] People can be trusted [2] People cannot be trusted [3] Depends ( <i>Do not read this option</i> ) [-9] Don't Know [-99] Refused
8.2. To what extent do you trust the merchants where you shop?  <i>Read the first 4 options.</i>	[1] Trust them a lot [2] Trust them some [3] Trust them only a little [4] Trust them not at all [-9] Don't Know [-99] Refused
8.3. If you lost 100 birr and it was found by a neighbor, how likely would they return the money to you?  <i>Read the first 4 options.</i>	[1] Very Likely [2] Somewhat Likely [3] Somewhat Unlikely [4] Not At All Likely [-9] Don't Know [-99] Refused



8.4. If you lost 100 birr and it was found by a complete stranger, how likely would they return the money to you? <i>Read the first 4 options.</i>	[1] Very Likely [2] Somewhat Likely [3] Somewhat Unlikely [4] Not At All Likely [-9] Don't Know [-99] Refused
8.5. If the local officials asked everyone to conserve water because of drought conditions, how likely is it that people in your community would cooperate? <i>Read the first 4 options.</i>	[1] Very Likely [2] Somewhat Likely [3] Somewhat Unlikely [4] Not At All Likely [-9] Don't Know [-99] Refused

<b>Social information</b>				
Outside of your own household, please tell me who you go to most frequently for advice or help about:	8.6. Relation: [1] Relative [2] Friend [3] Village elder [4] Leader of <i>kebele</i> [5] Traditional healer [6] Professional health worker [7] Leader of community group [8] Member / leader of water user association [9] Religious leader [10] Development Agent [11] Neighbor [12] Health extension agent [95] Other, please specify [-99] Not applicable	8.7. Does this person belong to the same ethnicity or language group as you?  [0] No [1] Yes [-9] I don't know	8.8. How many minutes does it take you to walk to this person's house or office? <i>(minutes)</i>	8.9. Does this person live in the same village as you or in a different village?  [0] Same village [1] Different village [-9] Don't know
Farming advice		[0] [1] [-9]		[0] [1] [-9]
Livestock advice		[0] [1] [-9]		[0] [1] [-9]
Health advice		[0] [1] [-9]		[0] [1] [-9]
Water supplies or access		[0] [1] [-9]		[0] [1] [-9]
Small loans		[0] [1] [-9]		[0] [1] [-9]
Resolving small arguments		[0] [1] [-9]		[0] [1] [-9]
Resolving large arguments		[0] [1] [-9]		[0] [1] [-9]

8.10. Do you participate in any community groups?	[0] No [1] Yes
8.10.1. If yes, what groups do you participate in?	[1] Farmer's Association [2] Water user association [3] Local savings group (kub) [4] Women's group [5] Small business group [6] Religious group [7] Other: _____ [-9] Don't know / not sure
8.11. In the past year, have you attended any community meetings or events where water was discussed?	[0] No [1] Yes
8.12. How many meetings or events have you attended in the past year where water was discussed?	[meetings]
8.13. How many meetings or events have you attended in the past year where water was <u>the main topic</u> ?	[meetings]

8.14. Who organized the most recent meeting you attended where water was the main topic?	[1] Religious group [2] Farmer's association [3] Water user association [4] Government officials [5] Health facility staff [6] Non-governmental organization [7] Water bureau [95] Other: _____ [-9] Don't know / not sure
8.15. Where was the most recent meeting you attended where water was the main topic?	[1] A health facility [2] A school [3] A household [4] Outdoors [5] Kebele office [6] Farmer's association [95] Other: _____ [-9] Don't know / not sure
8.16. Where do you usually learn information about health issues? <i>Do not read options, mark all that apply.</i>	[ 1 ] Family members [ 2 ] Friends [ 3 ] Health workers [ 4 ] District or national government officials [ 5 ] Poster/billboards [ 6 ] Radio [ 7 ] Newspaper [ 8 ] TV [ 9 ] Scientists/researchers [10] NGOs/CBOs [11] Place of worship [12] Community leaders through public meetings [13] Farmer's association [14] Water user association [15] School [16] Cellphone [17] Co-worker [18] Development agent [19] Community health worker (elected health agent) [95] Other, specify: _____

<b>9. Perceived uncertainty of water, climate, health</b>			
Farming [PRACTICE]	In the last 10 years, have you changed your [PRACTICE]: [0] No [1] Yes	If yes, was this change due to a change in climate? [0] No [1] Yes [-9] Unsure	Please describe how you changed this factor.
9.1. Crops that you plant	[0] [1] [-9]	[0] [1] [-9]	
9.2. Timing of planting	[0] [1] [-9]	[0] [1] [-9]	
9.3. Timing of harvest	[0] [1] [-9]	[0] [1] [-9]	
9.4. Method of farming	[0] [1] [-9]	[0] [1] [-9]	
9.5. Number of livestock	[0] [1] [-9]	[0] [1] [-9]	
9.6. Amount of crops	[0] [1] [-9]	[0] [1] [-9]	
9.7. Farm equipment/assets	[0] [1] [-9]	[0] [1] [-9]	
9.8. Work for income outside the farm	[0] [1] [-9]	[0] [1] [-9]	
9.9. Have you made any other changes to your farming in the last ten years? [95] _____ [96] _____	[0] [1] [-9] [0] [1] [-9]	[0] [1] [-9] [0] [1] [-9]	

9.10. If you changed your crops, which crops did you change?		If so, how did you change the crop? [0] No change [1] Stop growing [2] Decrease [3] Start growing [4] Increase [-9] Don't know [-99] N/A
	[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A	[0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9]

9.11. With these changes, is your farming better or worse than it was before (10 years ago)?	[0] No change [1] Better [2] Worse	[-9] Don't know/unsure
9.12. In the past 10 years, has the food consumption in your family changed for the better, the worse, or no change?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.13. In the past 10 years, has the drinking water supply changed for the better, the worse, or no change?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.14. In the past 10 years, has the water supply for farming and animals changed for the better, the worse, or no change?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.15. In the past 10 years, have the crop yields changed for the better, the worse, or no change?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.16. In the past 10 years, has the amount of flooding changed?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.17. In the past 10 years, has the occurrence of diarrheal diseases in your family changed?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.18. In the past 10 years, have other diseases in your family changed?	[0] No change [1] Better [2] Worse	[3] Don't know/unsure
9.19. Compared to 10 years ago, is the temperature in the last 3 years:	[0] The same [1] Hotter [2] Colder [-9] Don't know/unsure	

9.20. Compared to 10 years ago, is the rain in the last 3 years:	[0] The same [1] Less [2] More [-9] Don't know/unsure
9.21. Compared to 10 years ago, is the pattern of rainfall in the last 3 years:	[0] The same [1] More predictable [2] Less predictable [-9] Don't know/unsure
9.22. Is the timing of the seasons in the last three years the same as 10 years ago?	[0] No [1] Yes [-9] Don't know/unsure
9.22.1. If the timing is different, do the rains generally come earlier or later, or is there no change?	[0] No difference [1] Rain comes earlier [2] Rain comes later
9.22.2. If the timing is different, do the rains generally stop earlier or later, or is there no change?	[0] No difference [1] Rain stops earlier [2] Rain stops later
9.23. Compared to 10 years ago, has the climate of the past 3 years:	[0] Stayed the same [1] Become better for farming [2] Become worse for farming [-9] Don't know/unsure [-99] Do not farm

9.24. If in the next 10 years the climate became hotter, what changes would you make? <i>Read options.</i>	9.24.1. If the climate became hotter, and you changed your crops, which crops would you change?	9.24.2. If so, how would you change the crop? [0] No change [1] Stop growing [2] Decrease [3] Start growing [4] Increase [-9]Don't know [-99]N/A <i>Read options 0-4.</i>
[0] No other changes [1] Change crops [2] Timing of planting [3] Timing of harvest [4] Method of farming [5] Number of livestock [6] Amount of crops [7] Farm equipment/assets [8] Work for income outside the farm [95]Other: _____ [96]Other: _____ [-9] Don't know	[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A	[0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9]
9.24.3. Please describe other changes you would make if the climate became hotter:		

<p>9.25. If in the next 10 years the climate became colder, what changes would you make? <i>Read options as necessary.</i></p>	<p>9.25.1. If the climate became colder, which crops would you change?</p>	<p>9.25.2. If so, how would you change the crop? [0] No change [1] Stop growing [2] Decrease [3] Start growing [4] Increase [-9]Don't know [-99]N/A</p>
<p>[0] No other changes [1] Change crops [2] Timing of planting [3] Timing of harvest [4] Method of farming [5] Number of livestock [6] Amount of crops [7] Farm equipment/assets [8] Work for income outside the farm [95]Other: _____ [96]Other: _____ [-9] Don't know</p>	<p>[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A</p>	<p>[0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9]</p>
<p>9.25.3. Please describe other changes you would make if the climate became colder:</p>		
<p>9.26. If in the next 10 years the climate became drier, what changes would you make? <i>Read options as necessary.</i></p>	<p>9.26.1 If the climate became drier, which crops would you change?</p>	<p>9.26.2. If so, how would you change the crop? [0] No change [1] Stop growing [2] Decrease [3] Start growing [4] Increase [-9]Don't know [-99]N/A</p>
<p>[0] No other changes [1] Change crops [2] Timing of planting [3] Timing of harvest [4] Method of farming [5] Number of livestock [6] Amount of crops [7] Farm equipment/assets [8] Work for income outside the farm [95]Other: _____ [96]Other: _____ [-9] Don't know</p>	<p>[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A</p>	<p>[0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9]</p>
<p>9.26.3. Please describe any other changes you would make if the climate became drier:</p>		

<p>9.27. If in the next 10 years the climate became wetter, what changes would you make? <i>Read options as necessary.</i></p>	<p>9.27.3. If the climate became wetter, which crops would you change?</p>	<p>9.27.4. If so, how would you change the crop? [0] No change [1] Stop growing [2] Decrease [3] Start growing [4] Increase [-9] Don't know [-99] N/A</p>
<p>[0] No other changes [1] Change crops [2] Timing of planting [3] Timing of harvest [4] Method of farming [5] Number of livestock [6] Amount of crops [7] Farm equipment/assets [8] Work for income outside the farm [95] Other: _____ [96] Other: _____ [-9] Don't know</p>	<p>[0] None of them [1] Maize [2] Teff [3] Wheat [4] Sorghum [5] Barley [6] Beans and peas [7] Boloka (bean) [8] Onions [9] Cabbage [10] Sweet potatoes [11] Potatoes [12] Tomatoes [13] Peppers [95] Other: _____ [-9] Not sure [-99] N/A</p>	<p>[0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9] [0] [1] [2] [3] [4] [-9]</p>
<p>9.27.5. Please describe the other changes you would make if the climate became wetter:</p>		
<p>9.28. Ten years from now, do you think the timing rains will be better or worse for your crops? <i>Read options 0-2.</i></p>	<p>[0] No change [1] Better [2] Worse [3] Only God knows (<i>Do not read this option</i>) [-9] Don't know/Unsure</p>	
<p>9.29. Ten years from now, do you think the quantity rains will be less, more, or the same? <i>Read options 0-2.</i></p>	<p>[0] The same [1] Less [2] More [3] Only God knows (<i>Do not read this option</i>) [-9] Don't know/Unsure</p>	
<p>9.30. Ten years from now, do you think the dry season temperatures will be hotter, cooler, or the same? <i>Read options 0-2.</i></p>	<p>[0] The same [1] Hotter [2] Cooler [3] Only God knows (<i>Do not read this option</i>) [-9] Don't know/Unsure</p>	
<p>9.31. Ten years from now, do you think the wet season temperatures will be hotter, cooler, or the same? <i>Read options 0-2.</i></p>	<p>[0] The same [1] Hotter [2] Cooler [3] Only God knows (<i>Do not read this option</i>) [-9] Don't know/Unsure</p>	
<p>9.32. How able are other people in your village to make changes in farming if the climate changes? <i>Read options 0-3.</i></p>	<p>[0] Not at all able [1] Somewhat able [2] Able [3] Very able [-9] Don't know/Unsure</p>	

9.33. How able are you to make changes in farming if the climate changes?  <i>Read options 0-3.</i>	[0]Not at all able [1]Somewhat able [2]Able [3]Very able [-9] Don't know/Unsure
9.34. What help would you need to change your farming if the climate changes?  <i>Free response</i>	
9.35. What is preventing you from being more successful? <i>Do not read options.</i>	[0] Nothing [1] Lack of money [2] Lack of information [95] Other:
9.36. What could be done for you to be more successful? <i>Free response.</i>	[-9] Unsure [-99] Refuse

<b>10. Income and resources</b>	
10.1. Do you have a bank account?	[0] No [1] Yes
10.2. Do you have electricity?	[0] No [1] Yes
10.3. Do you have solar panels?	[0] No [1] Yes
10.4. How many stools do you own?	[stools]
10.5. How many chairs do you own?	[chairs]
10.6. How many mattresses do you own?	[mattresses]
10.7. How many radios do you own?	[radios]
10.8. How many gas lamps do you own?	[gas lamps]
10.9. How many televisions do you own?	[televisions]
10.10. How many mobile telephones do you own?	[mobile telephones]
10.11. Do you have a non-mobile telephone?	[0] No [1] Yes
10.12. How many bicycles do you own?	[bicycles]
10.13. How many motorcycles do you own?	[motorcycles]
10.14. How many cars and trucks do you own?	[vehicles]
10.15. How many mosquito nets do you own?	[mosquito nets]
10.16. In the past year, did you or anyone in your household experience loss of income?	[0] No [1] Yes
10.17. In the past year, did you or anyone in your household experience unexpected expenditures?	[0] No [1] Yes
10.18. In your household, who decides how money will be spent?  <i>Read all options, and select only one.</i>	[1] Head of household decides alone [2] Primary caregiver/mother decides alone [3] Father and mother decide together [4] Other household member (e.g., eldest member) decides [5] Family members decide together
10.19. What amount of money might your household receive, including compensation for wage labor, goods sold, and gifts, in an AVERAGE year?	[Biir per year] [-9] Don't know [-99] Refuse
10.20. What is the amount of money your household spends in an AVERAGE month?	[Biir per month] [-9] Don't know [-99] Refuse

<b>11. Housing quality: observation only</b> <i>Enumerator, please make note by observation .</i>	
11.1. Size of house/compound: <i>(Observe, don't ask)</i>	[ 1 ] Large (4 and above rooms) [ 2 ] Medium (2 to 3 rooms) [ 3 ] Small (1 room)
11.2. Type of wall: <i>(Observe, don't ask)</i>	[ 1 ] Grass [ 2 ] Poles and Mud [ 3 ] Sundried bricks [ 4 ] Baked bricks [ 5 ] Timber [ 6 ] Cement bricks [ 7 ] Stones [95] Other: _____
11.3. Type of window: <i>(Observe, don't ask)</i>	[ 1 ] No windows [ 2 ] Uncovered windows (window but no shutters) [ 3 ] Window with wooden shutter [ 4 ] Window with glass shutter [ 5 ] Window with mosquito screen [ 6 ] Window with mosquito screen and shutters [95] Other: _____
11.4. Type of roof?	[ 1 ] Grass / Leaves / Mud [ 2 ] Iron sheets [ 3 ] Tiles [ 4 ] Concrete [ 5 ] Asbestos [95] Other: _____
11.5. Latrine observed? <i>Ask to see the latrine.</i>	[0] None observed [1] Observed but visibly not functional [2] Drop pit latrine [3] Flush (offset) latrine [4] Indoor toilet
11.6. Trash in the yard or near the house?	[0] No [1] Yes
11.7. Food waste in the yard?	[0] No [1] Yes
11.8. Animals in the house?	[0] No [1] Yes
11.9. Time finished	[AM] [PM]