MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT
RURAL CAPAPCITY BUILDING PROJECT

HOUSEHOLD QUESTIONNAIRE

Survey ID Code |___|___| | |___|___||___|___||___|___||___|___|

The Rural Capacity Building Project (RCBP) is a project by the Federal Republic of Ethiopia which aims at strengthening agricultural services and systems in Ethiopia to make them more responsive to farmers' needs. This project has now been in operation for two and a half years across the country. The federal government is now assessing progress towards achieving the objectives of the project. We are therefore interested in getting your views and experiences regarding this project. The information you provide will be useful in assisting the future direction of the project for the remaining two and half years. I thank you in advance for your cooperation.

	SECTION A: IDENTIFICATION			
A01	Region	1 = Amhara 2 = Oromia 3 = SNNP 4 = Benshangul Gumaz 5 = Afar		|___|
A02	Zone			
A03	Woreda			
A04	Kebele			
A05	Agro-climatic zone	1 = wurch (>2400 meters) 2= dega (2200-2400 meters) 3= woinadega (1800-2200 meters) 4= kola 5= bereha		
A06	Household Number			|___|___|
A07	Enumerator code	*Use assigned code*		|___|___|
A08	Time of interview : 1st visit	Start: |__|__| : |__|__|	End: |__|__| : |__|__|	Duration: |___| hrs|___|___| mins
	If there is second visit: 2nd visit	Start: |__|__| : |__|__|	End: |__|__| : |__|__|	Duration: |___| hrs|___|___| mins

Checked and approved by(supervisor) _____Signature_____

A09	Name of Respondent			
A10	Respondent's sex	1 = Male 2 = Female	|___|	
A11	Is respondent head of household?	1=Yes 2=No *if Yes go to Section B, if No, go to A12*	|___|	
A12	Relationship to head of household	1=Spouse 2=Parent 3=Other (specify)_____	|___|	
A13	Name of Head of Household			

SECTION B: HOUSEHOLD ROSTER

Say to the respondent: Please tell me about all the people who normally live in this household, including both family members and non-family members such as residing servants. Start with yourself, then the head of the household (if it is not you), spouse and their children, then other family members and non-family members.

ID #	B01 What is the *person's name?* *Please list the household members in the following order:* 1 =Head 2 =Spouse 3 =Children – unmarried 4 =Children – married 5 =Other relative 6 =Domestic servant 7 =Other employees 8 =Non-relatives	B02 What is [NAME]'s relationship to the household head? 1 = Household Head (HH) 2 = Spouse 3 = Son/daughter of HH& spouse 4 = Son/daughter of HH 5 = Son/daughter of spouse 6 = Father/mother of HH/spouse 7 = Brother/sister of HH/spouse 8 = Spouse of other household member 9 = Other relative 10 = Domestic servant 11 = Other employee 12 = Non-relative	B03 Is [NAME] male or female? 1=Male 2=Female	B04 How old is [NAME]? *Estimate if age is unknown* For infants less than 1 year old, write **00**.	B05 What is the highest level of education completed by name? 1 = none 2 = grades 1 -4 3 = grades 5 -7 4 = grades 9 -10 5 = grades 11 – 12/ preparatory school 6 = ATVET certificate 7 =ATVET Diploma 8 = Degree and above **If 1 or 2, go to B06** **For infants, write -99**	B06 Can [NAME] read and write? *1=Yes 2=No 3=Don't know* **For infants, write 99**	B07 Is [NAME] currently a student? *1=Yes 2=No* **For infants, write 99**	B08 Does [NAME] contribute to the household income? *1=Yes 2=No* **For infants, write 99**	B09 Does [NAME] work on the household's farm activities? *1=Yes 2=No* **For infants, write 99**	B10 Is [NAME] currently married? *1=Yes 2=No* **For infants, write 99**
01		|__|	|__|	|__|__|	|__|	|__|	|__|			
02		|__|	|__|	|__|__|	|__|	|__|	|__|			
03		|__|	|__|	|__|__|	|__|	|__|	|__|			
04		|__|	|__|	|__|__|	|__|	|__|	|__|			
05		|__|	|__|	|__|__|	|__|	|__|	|__|			
06		|__|	|__|	|__|__|	|__|	|__|	|__|			
07		|__|	|__|	|__|__|	|__|	|__|	|__|			
08		|__|	|__|	|__|__|	|__|	|__|	|__|			
09		|__|	|__|	|__|__|	|__|	|__|	|__|			
10		|__|	|__|	|__|__|	|__|	|__|	|__|			

C. CONSUMPTION: Please tell me about the household's expenditure on food items in the **LAST WEEK.**

C00. Who is the respondent for this section? Record ID# |___|

FT ID#	Food Type	Purchased from market				Consumed from stock		Received as a **GIFT, LOAN, PAYMENT in KIND, or BARTER**			Unit code
		C01. Amount	**C02.** Unit	**C03.** Total Expenditure (Birr)	**C04.** % consumed	**C05.** Amount	**C06.** Unit	**C07.** Amount	**C08.** Unit	**C09.** Source	1 = Kilogram
01	Teff										2 = Quintal
02	Barley										3 = Litre
03	Wheat										4 = Number
04	Maize										5 = Cup
05	Sorghum										6 = Bundle
06	Millet										7 = Madaberia
07	Rice										8 = Other (specify)
08	Lentils										
09	Horse Beans/Fava beans										**Proportion consumed**
10	Peas/Field peas										1 = ¼
11	Chick peas										2 = 1/3
12	Haricort beans										3 = 1/2
13	Beef										4 = 2/3
14	Mutton										5 = ¾
15	Camel meet										6 = All
16	Chicken										7= other (specify)
17	Egg										
18	Milk (cow, goat, camel)										**Source**
19	Potato/sweet potato										1=Gift from relative
20	Cassava/Boyna/Boye										2=Loan from relative
21	Enset/Kocho										3=Loan from another farmer
22	Amicho/Bula										4=Payment from another farmer
23	Onion										5=Barter
24	Gommen/Cabbage head										6=Received as food Aid
25	Spaghetti/Macaroni										7=Other (specify)
26	Butter or oil										
27	Coffee										
28	Sugar										
29	Tella/tej/arakie/katikala/beer										
30	Other beverages										

	EXPENDITURE -MONTH	
	Commodity	How much (Birr) did your household spend on [commodity] in the **LAST MONTH?**
C10.	Matches/Candles/Gas for Lantern	
C11.	Batteries	
C12.	Laundry soap	
C13.	OMO/Hand soap	
C14.	Firewood	
C15.	Kerosene	
C16.	Cigarettes, tobacco, suret, gaya	
C17.	Khat	
C18.	Personal (for the entire household) transportation expense **not related to agricultural activity**	
	Other (specify)	

	EXPENDITURE -ANNUAL	
	Commodity	How much did your household spend on [commodity] in the **LAST 12 MONTHS?**
C19.	Clothes/shoes/fabric for BOYS (under 15 years of age)	
C20.	Clothes/shoes/fabric for GIRLS (under 15 years of age)	
C21.	Clothes/shoes/fabric for MEN (15 years old and above)	
C22.	Clothes/shoes/fabric for WOMEN (15 years old and above)	
C23.	Home improvement expenditures: for house	
C24.	Home improvement expenditures: for fence, barn, etc	
C25.	Medical treatment and medicines (Modern and traditional)	
C26.	Education related expenses: School fees, books, exercise books, food, transport	
C27.	Wedding expenditures (**including contribution to others**)	
C28.	Funeral expenditures (**excluding regular IDDIR contribution**)	
C29.	Contributions to IDDIR and Church	
C30.	Taxes	
	Other (specify)	

	FINANCES & SHOCKS		
C31.	Who in the household is responsible for making decisions about spending and saving?	Record up to four ID# from Roster.	|___||___||___||___|
C32.	Did anyone in the household take out a formal loan in the last 12 months?	1 = Yes 2 = No	|___|
C33.	How many loans were taken?	Record number of loans.	|___|
C34.	What were the values of the loans?	Record loan amounts of up to three loans.	|___||___||___||___| |___||___||___||___| |___||___||___| |___|
C35.	Were any of the loans from the kebeles as part of the government Food Security Program?	1 = Yes 2 = No	|___|

Section C 2. Household Assets

		C36. Does anyone in the household currently own the following? 1=Yes 2=No	C37. If yes, how many [items] do you own?	C38. How much could you sell these **for today**?
01	Radio/Tape Recorder			
02	Watches/clocks			
03	Gold Jewellery			
04	Silver Jewellery			
05	Telephone (Landline or mobile)			
06	Refrigerator			
07	Sewing Machine (*Yesfet mekina*)			
08	Television			
09	Video Player			
10	Fan (ventilators-*lebet makezkeziya*)			
11	Chairs/Tables excluding stools (*kursi*)			
12	Sofas			
13	Beds – locally made			
14	Beds -modern			
15	Lanterns (Masho)/ *fanos*			
16	Iron (Charcoal or electric) *(Kawya)*			
17	Stove (gas or electric)			
18	Generator			
19	Motor Vehicles (*mekina*)			
20	Motor cycle/Moped			
21	Bicycle			
22	Animal-drawn cart (*bekebt yemigotet gari*)			
23	Wheel barrow (*beeg yemigefa gari*)			
24	Yoke *(kenber)*			
25	Hoes (mekoferiya/mekotkochya)			
26	Spraying machine *(yetebay/arem medhnait merchya)*			
27	Water pumping set *(bemoter woinm besew yemisera yewha pomp)*			
28	Tractor			
29	Trailer for tractors *(betractor yemigotet gari)*			
30	Plough *(maresha)*			
31	Harrow *(megolgoya/ rek)*			
32	Milking machine *(bemoter yemisrea yewotet malebiya)*			
33	Harvesting and threshing machine *(ehil yemiyachdna yemiweka mekina)*			
34	Hand milling machine *(beig*			

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	yemisera yeehl wefcho)			
35	Coffee pulping machine *(yebuna mabeterya machine)*			
36	Pick axe *(metrebiya/fas)*			
37	Winnower *(layda- leehl mewkiya yemitekm)*			
38	Bush Knife *(Gejera)*			
39	Sickle *(machid)*			
40	Spade *(akafa)*			

HOUSING		
C39. Do you own this house?	1=Yes 2=No	|__|
C40. Major material exterior wall is made of	1=Wood and Mud 2=Wood and Grass 3=Reed and Bamboo 4=Mud and Stones 5=Cement and Stones 6=Hollow Bricks 7=Bricks 8=Other (specify)	|__|
C41. Major material floor is made of	1=Earth/Mud 2=Wood 3=Cement 4=Ceramics/Tiles 5=Other (specify)	|__|
C42. Major material roof is made of	1=Corrugated Iron Sheet 2=Thatch and Grass 3=Wood and Mud 4=Reed and Bamboo 5=Clay 6=Other (specify)	|__|
C43. Total number of rooms in the house		|__|
C44. Does the house has access to electricity?	1=Yes 2=No	|__|
C45. Does the house has access to piped water?	1=Yes 2=No	|__|
C46.Total number of outbuildings including kitchens but not including toilets		|__|
C47.Type of toilet facility the household uses	1=Pit latrine (Private) 2=Pit latrine (Shared) 3=Flash toilet (Private) 4=Flash toilet (Shared) 5=Field/Forest 6=Containers (Household utensils) 7=Other (specify)	|__|

SECTION D: ACCESS TO AGRICULTURAL EXTENSION SERVICES

Please say to the respondent: I am now going to ask you some questions about who you ask for advice on crops, livestock, and natural resource management. These questions are meant to better understand farmer's needs in order to deliver better services. All of your answers are confidential and will not be shared with anyone that gives you extension advice.

I want to ask these questions to the household members most responsible for:
1. Vegetable gardens (Horticulture)
2. Crops
3. Small livestock rearing (sheep, goats, poultry)
4. Large livestock rearing and beehives
5. Natural resource management

In male-headed households (MHH): ask all questions in Section D to the household head and his spouse. In female-headed households (FHH): ask all questions in Section D to the head and the other main farmer in the household.

			Head of Household	Head's Spouse (MHH) or other farmer (FHH)	
D00.	Respondent ID# from Roster		|___|	|___|	
D01.	What do you want or need advice/information on **the most**: *(read the five options to the respondent)*	1 = vegetable gardens / Horticulture 2 = crops 3 = small ruminants (e.g. sheep, goats, poultry…) and bee keeping 4 = large livestock 5 = natural resource management	|___|	|___|	
D02.	For advice/information on [answer from D1], who is the person you **MOST** prefer to ask for advice/information? **List the top three based on their importance. Do not prompt the respondent; let him/her tell you the answer.**	1 = Other household member 2 = Friend/Neighbor 3 = Model farmer/pastoralist 4 = Follower farmer/pastoralist 5 = Farmer's group 6 = DA 7 = NGO 8 = Other, please specify	1st |___| 2nd |___| 3rd |___|	1st |___| 2nd |___| 3rd |___|	
D03.	Why do you most prefer to ask [each answer from D2] for advice/information? **List the respondent's top reason for preferring each of the top three most preferred sources.** **Do not prompt the respondent; let him/her tell you the answer.**	1 = close to me in distance 2 = has answers I need because of experience and/or competence 3 = easy to talk to 4 = it is his/her job to give advice/information 5 = there is no one else to ask 6 = I trust the answers 7 = grows the same crops or rears the same animals 8 = Other, please specify	1st |___| 2nd |___| 3rd |___|	1st |___| 2nd |___| 3rd |___|	

So. ID	Source	D04. Have you received advice/information n on vegetable gardens, crops, livestock, or natural resource management from [source] in the last 12 months	D05. Was it on vegetable gardens/ horticulture?	D06. If yes, what did you receive advice on vegetable gardens/ horticulture about? *Ask the main advice*	D07. Was it on field crops?	D08. If yes, what did you receive advice on field crops about? *Ask the main advice*	D09. Was it on small ruminants ?	D10. If yes, what did you receive advice on small livestock about? *Ask the main advice*	D11. Was it on large livestock?	D12. If yes, what did you receive advice on large livestock about? *Ask the main advice*	D13. Was it on natural resource management?	D14. If yes, what did you receive advice on natural resource management about? *Ask the main advice*	D15. Was it on beekeeping?	D16. If yes, what did you receive advice on beekeeping about? *Ask the main advice*
		1 = Yes 2 = No	1 = Yes 2 = No	**Crop Advice codes**	1 = Yes 2 = No	**Crop Advice codes**	1 = Yes 2 = No	**Livestock Advice codes**	1 = Yes 2 = No	**Livestock Advice codes**	1 = Yes 2 = No	**NRM Advice codes**	1 = Yes 2 = No	**Bee Advice codes**
			If 1, go to 6. If 2, go to 7.		If 1, go to 8. If 2, go to 9.		If 1, go to 10. If 2, go to 11.		If 1, go to 12. If 2, go to 13.		If 1, go to 14. If 2, go to 15.		If 1, go to 16. If 2, go to 17.	
		ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#	ID# | ID#
	Respondent ID# from Roster													
01	Other household member													
02	Friend/Neighbor													
03	Model farmer													
04	Follower famer/ pastoralist													
05	Farmer's group													
06	DA farm visit													
07	NGO													
08	FTC course/training													
09	FTC demonstration plot													
10	WOARD													
11	Research centers/ researchers													

⇒GO TO **CODES**

Crop Advice Codes	Livestock Advice Codes	Bee Advice Codes
1 = land preparation 2 = Planting/Sowing 3 = Transplanting/Seedbed preparation 4 = Fertilizer use 5 = Improved/New Seeds 6 = Weeding 7 = Soil Fertility 8 = Pest Infestations 9 = Pesticides/Herbicides 10 = Irrigation 11 = Crop Storage 12 = Pruning/Budding 13 = Weather Advice 14 = Marketing Advice 15 = Credit Advice 16 = Agri-business/Cooperatives 17 = Agro-Processing 18=other (specify)___	1 = Animal Feeding 2 = Animal Breeding Management 3 = Forage Production 4 = Insemination Advice 5 = Animal Health Management 6 = Vaccination Advice 7 = Dairy 8 = fattening 9 = Marketing Advice 10 = Credit Advice 11 = Agri-business/Cooperatives 12= Agro-Processing 13=other (specify)___ **NRM Advice Codes** 1 = Soil Conservation 2 = Water Conservation 3 = Forestry/Agro-forestry	1 = Feed 2 = Honey Harvesting 3 = Improved Beehives 4 = Colony transfer 5 = Honey Processing 6 = Weather Advice 7 = Marketing Advice 8 = Credit Advice 9 = Agri-business/Cooperatives 10 = Agro-Processing 11= Other (specify)

		D17. How often did someone from [source] visit your dwelling or field since the harvest of E.C. 2001 to give advice/ information?		D18. What proportion of these visits was requested by you?		D19. If you did request visits, why did you request the visits?		D20. How often did you visit or meet [source] at a location other than your dwelling or field since the harvest of E.C. 2001 for advice/ information?		D21. How often did you attend (source) since the harvest of E.C. 2001?		D22. On average, how useful was the advice/ information from [source] since the harvest of E.C. 2001?		D23. Would you be willing to pay for [source's] services?	
		1 = weekly 2 = biweekly 3 = monthly 4 = biannually 5 = annually 6 = never 7=other, specify		1 = all 2 = most 3 = some 4 = none		1 = increase production/income 2 = solve problem/get advice 4 = learn new things 5 = saw others benefit 6 = other (Specify)		1 = weekly 2 = biweekly 3 = monthly 4 = biannually 5 = annually 6 = never		1 = weekly 2 = biweekly 3 = monthly 4 = biannually 5 = annually 6 = never		1 = very useful 2 = useful 3 = not useful		1 = Yes 2 = No	
		If 6, ⟹ 20.		If 4, ⟹ 20.				If 6, ⟹24.							
		ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
01	Friend/Neighbor/relative														
02	Model Farmer														
03	Follower farmer/ pastoralist														
04	Farmer's group														
05	DA														
06	NGO														
07	WOARD														
08	Research centers/ researchers														
09	Universities/colleges														
10	FTC course/ training														
11	FTC demonstration plot														
12	Farmer field days														

	Farmer Training Center			Head of household	Head's spouse	
D24.	Do you know where your local Farmer Training Center (FTC)?	1 = Yes 2 = No		|__|	|__|	If 2, ⟹38.
D25.	How far is your local FTC in walking minutes?	Record the answer in minutes.		|__|	|__|	
D26.	Have you ever been to your local Farmer Training Center (FTC)?	1=Yes 2=No		|__|	|__|	If 1, ⟹28. If 2, ⟹ 27.
D27.	If no, why?	1 = FTC is too far 2 = FTC is not useful 3 = I have too much to do to take the time 4 = I am not interested 5 = I attended before and don't think it is worth the time 6 = I don't feel comfortable because I am a woman 7 = Not invited 8= other (specify)___		|__|	|__|	⟹38.
D28.	If yes, who initiated the visit?	1 = from DA invitation 2 = went out of my own interest 3= other (specify)___		|__|	|__|	
D29.	Are you a member of the FTC management committee?	1=Yes 2=No		|__|	|__|	
D30.	Have you ever made a contribution (labor/money/tools) to your local FTC?	1=Yes 2=No		|__|	|__|	If 1, ⟹31. If 2, ⟹ 32.
D31.	If yes, what type of contribution have you made? **Multiple mentions possible. List the respondent's first FIVE answers.**	1 = material for fencing 2 = material for the demonstration plot 3 = money 4 = loaned tools 5 = loaned animals 6 = worked on the demonstration plot 7 = worked on FTC structures 8 = other, specify_____		|__| |__| |__| |__| |__|	|__| |__| |__| |__| |__|	
D32.	If no, have you ever participated in the activities (e.g. training) of your FTC?	1=Yes 2=No		|__|	|__|	If 1, ⟹33. If 2, ⟹ 37.
D33.	How do you rate the classroom trainings held by your FTCs?	1 = highly relevant 2 = moderately relevant 3 = not relevant 4 = not applicable		|__|	|__|	
D34.	How do you rate on-field practical training held by your FTCs?	1 = highly relevant 2 = moderately relevant 3 = not relevant 4 = not applicable		|__|	|__|	
D35.	How do you rate on the field demonstration held by your FTCs?	1 = highly relevant 2 = moderately relevant 3 = not relevant 4 = not applicable		|__|	|__|	
D36.	How satisfied are you with how available your DA is at your local FTC?	1 = highly satisfied 2 = moderately satisfied 3 = moderately unsatisfied 4 = highly unsatisfied 5= other, specify		|__|	|__|	

D37.	If no, what is the reason for your non-participation? **Multiple mentions possible. List the respondent's first THREE answers.**	1 = FTC is too far 2 = FTC is not useful 3 = I have too much to do to take the time 4 = I am not interested 5 = I attended before. Don't think it is worth 6 = I am a woman. Don't feel comfortable 7 = Not invited 8= other, specify	|⎵⎵⎵|	|⎵⎵⎵|	

Development Agents

D38.	Think of the DA you interact **with the most**. How long have you known that DA in years and months?	Record the answer in years and months.	Years ____ Months ____	Years ____ Months ____	
D39.	If your DA cannot answer your question, does he/she direct you to someone that can answer your questions?	1 = Yes 2 = No 3 = Not Applicable (only if there is no DA available)	|⎵|	|⎵|	
D40.	In the last 12 months, have you noticed any changes in the way your DA works with you to solve your problem?	1 = Yes 2 = No 3 = Not Applicable (only if there is no DA available)	|⎵|	|⎵|	
D41.	If yes, what changes have you noticed?	1 = solve problems together more/more consultative 2 = less consultative 3 = more group problem solving 4 = better use of extension materials 5 = more sites for training 6 = other, please specify	|⎵|	|⎵|	
D42.	Have you tried any new agricultural activities since E.C. 2001?	1 = Yes 2 = No			
D43.	Have these been new agricultural activities your DA has demonstrated to you?	1 = Yes 2 = No	|⎵|	|⎵|	If 1, ⟹44. If 2, ⟹ 47.
D44.	If yes, have you tried **new crop or livestock techniques** on your own field or with others on another field that your DA has shown you in the last 12 months?	1 = Yes 2 = No	|⎵|	|⎵|	
D45.	If yes, have you tried **new farming method** on your own field or with others on another field that your DA has shown you in the last 12 months?	1 = Yes 2 = No	|⎵|	|⎵|	
D46.	If yes, have you tried a **new marketing approach t**hat your DA has shown you in the last 12 months?	1 = Yes 2 = No	|⎵|	|⎵|	⟹ 48.
D47.	If no, why did you not try the new agricultural activities your DA demonstrated to you?	1 = not interested 2 = not relevant to me 3 = I didn't understand it/too complicated 4 = it is too time consuming 5 = it is too expensive 6 = it is too risky 7 = lack of the right inputs 8 = other, please specify	|⎵|	|⎵|	
D48.	What do you like about your DA? *Do not prompt the respondent; let him/her tell you the answer.* **Multiple mentions possible. List the respondent's first THREE answers.**	1 = has answers I need 2 = easy to communicate with/speaks same language 3 = I trust him/her and the answers provided 4 = personal traits: respectful, responsive, polite, etc.	|⎵⎵⎵|	|⎵⎵⎵|	

		5 = shows commitment/cares about me and helping me to solve my problems 6 = frequency of visits 7= Other. Specify			
D49.	What do you not like about your DA? *Do not prompt the respondent; let him/her tell you the answer.* **Multiple mentions possible. List the respondent's first THREE answers.**	1 = doesn't have answers I need 2 = difficult to communicate with/ doesn't speak the same language 3 = I don't trust him/her or the answers provided 4 = personal traits: arrogant, impolite, unreliable, etc. 5 = doesn't care about me or my problems 6 = infrequency of visits 7 = I like everything about my DA 8= Other. Specify	|__| |__| |__|	|__| |__| |__|	
D50.	Have you ever been designated as a model farmer in your community?	1 = Yes 2 = No	|__|	|__|	If 1, ⟹51. If 2, ⟹52.
D51.	If yes, who nominated you?	1=DA 2=Kebele council 3=Woreda 4=Region 5=Someone I know in the Kebele 6=Other. Specify	|__|	|__|	

FRGs or FREGs (FRG= Farmer Research Group, FREG= Farmer Research Extension Group,)

D52.	Does your community have a FRG or FREG?	1 = Yes 2 = No	|__|	|__|	If 1, ⟹53. If 2, ⟹62.
D53.	Are you a member of any FRG or FREG extension groups?	1 = Yes 2 = No	|__|	|__|	If 1, ⟹54. If 2, ⟹56.
D54.	How frequently do you and other FRG/FREG group members meet?	1 = weekly 2 = biweekly 3 = monthly 4 = biannually 5 = annually 6 = never 7= Other. Specify	|__|	|__|	
D55.	Have you shared your knowledge, experience, seed, or ideas within your FREG/FRG group?	1 = Yes 2 = No	|__|	|__|	If 1, ⟹ 57. If 2, ⟹56
D56.	If no to D53, have you ever requested to become a member?	1 = Yes 2 = No	|__|	|__|	
D57.	Have you ever attended a FRG or FREG field day in your community or another community?	1 = Yes 2 = No	|__|	|__|	
D58.	Have you seen new technologies while participating in FRG or FREG activities or field days?	1 = Yes 2 = No	|__|	|__|	
D59.	Have you ever used a new technology that you have seen at your FRG or FREG activities or its field day?	1=Yes 2=No	|__|	|__|	If 1, ⟹60. If 2, ⟹61.
D60.	If yes, what type of technology that you saw at a FRG/FREG activity or field day did you use?	1 = vegetable gardens / Horticulture 2 = crops 3 = small ruminants (e.g. sheep, goats, poultry…) and bee keeping 4 = large livestock 5 = natural resource management	|__|	|__|	If 1, ⟹62. If 2, ⟹61.

D61.	If no, why haven't you used a technology you saw at a FRG/FREG activity or field day?	1 = wasn't appropriate technically 2 = didn't make sense economically 3 = wasn't socially appropriate 4 = unaffordable 5 = unavailable 6 = Other, please specify	|__|	|__|	

*FRG= Farmer Research Group, FREG= Farmer Research Extension Group,

Farmer Innovation Fund ((*legebere mirmir yemiset genzeb*),

D62.	Have you heard of the Farmer Innovation Fund, the FIF?	1 = Yes 2 = No	|__|	|__|	If 2, ⟹ Section E.
D63.	Have you ever applied to participate in the FIF?	1 = Yes 2 = No	|__|	|__|	If 1, ⟹64. If 2, ⟹ Section E.
D64.	If yes, what type of activity did you propose to do: crop, livestock, or natural resource management?	1 = vegetable gardens / Horticulture 2 = crops 3 = small ruminants (e.g. sheep, goats, poultry…) and bee keeping 4 = large livestock 5 = natural resource management	|__|	|__|	
D65.	Was the proposal that your group submitted accepted?	1 = Yes 2 = No	|__|	|__|	

E. PLOT ROSTER: Please say to the respondent: I would like to ask some questions about all the plots to which the household has ownership, is renting in or out, sharing or borrowing during this current agricultural season. A plot is an area which is allocated for cropping, grazing, woodland/forest, homestead, or to lay fallow. A plot is considered as one plot, even if it is intercropped. I want to thank you in advance for your time and cooperation. The reliability of this data is very important and will help for understanding farmer progress and for better planning to respond to the needs of farmers.

E01. During the **current cropping season**, has any member of your household owned or used any plot for cropping, grazing, woodland/forest, homestead, or to lay fallow, whether the plot was owned, rented, shared, or borrowed? 1 = Yes 2 = No |___|

E02. Who in the household is responding to these questions? Record up to two household member's ID#s from the Roster. |___| |___|

Plot No.	E03. By what name do you refer to this plot?	E04. Which household members are the main decision makers for this plot?		E05. Size of the plot		E06. How far away is this plot from the homestead in walking minutes?	E07. When did you acquire or begin using this plot?	E08. Under what tenure arrangement is this plot this cropping season?	E 09. What was the primary use of {Plot} during this cropping season?
	Complete for all plots used this cropping season first, and then continue. Record owned plots first.	Record up to two household member's ID#s from the roster		Record size of plot	Record unit for area estimated by farmer 1 = hectare 2 = timad/kert 3=other unit (specify)____	1 = less than 15 minutes 2 = 15-30 mins 3 = 30-60 mins 4 = 1-2 hours 5 = Over 2 hours	Record year according to the Ethiopian Calendar	1= owned 2 = rented-in 3 = rented-out 4 = shared-in 5 = shared-out 6 = gifted out 7 = gifted in 8=other, specify	1= annual crop 2= perennial crop 3=woodlot/forest 4=pasture/grazing 5=homestead without vegetable garden 6= homestead with vegetable garden 7=fallow 8= other, specify
01		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
02		|__|	|__|	__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
03		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
04		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
05		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
06		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
07		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
08		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
09		|__|	|__|	__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
10		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	
11		|__|	|__|	|__||__|.|__||__|	|__||__|	|__|	|__||__||__||__|	|__|	

	CROP PRODUCTION INPUTS – OTHER INPUTS: List all the plots. This should include crops grown on all plots, including homesteads with vegetable gardens.											
Plot No.	Plot Name	E10. What is the soil type of this plot?	E11. What is the main water source to this plot?	E12. Did you use any natural fertilizer: manure, compost, or organic fertilizer?	E13. Did you use any chemical fertilizer: DAP, urea, or both?	E14. What was the total quantity of chemical fertilizer used?		E15. What was the total value of the amount of chemical fertilizer used?	E16. Why did you not use fertilizer on this plot?	E17. Did you use any pesticides, herbicides, or fungicides on this plot?	E18. What was the total quantity used? (If more than one or all of them are used in any one plot, please add the amount used)		E19. Why did you not use insecticide, herbicides, or fungicides on this plot?
		1= fertile 2= less fertile 3= poor	1 = irrigated 2 = rain fed 3 = wetland/ swamp	1 = manure 2 = compost 3 = organic fertilizer 4 = 1 & 2 5 = 1 & 3 6 = 2 & 3 7 = All 8 = did not use	1 = DAP + urea 2 = DAP only 3 = urea only 4 = did not use	Record amount	Unit codes	Record the amount in Birr	Input reason codes	1 = insecticide 2 = herbicides 3 = fungicides 4 = 1 & 2 5 = 1 & 3 6 = 2 & 3 7 = All 8 = did not use	Record amount	Unit codes	Input reason codes
					If 4, go to 16.					If 8, go to 19.			
01				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
02				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
03				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
04				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
05				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
06				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
07				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
08				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
09				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
10				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
11				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|
12				|__|	|__|	|__|__|__|	|__|	|__|__|__|__|	|__|	|__|	|__|__|	|__|	|__|

Input codes: 1 = price too high 2 = lack of credit 3 = not enough money 4 = not available locally 5 = lack livestock for application 6 = lack human labor 7 = skeptical of outcome 8 = do not know how to use it 9 = input unnecessary 10=other, specify

Unit codes: 1 = kilograms 2 = quintals 3 = donkey load/chinet 4 = wheel barrel 5= *sini/bilkat* 6=other (specify)

CROP PRODUCTION INPUTS – SEEDS: Start with plot 1, and list all of the crops grown on this plot, and then continue listing all crops grown by plots until every crop that is planted is captured. This should include crops grown on all plots, including homesteads with vegetable gardens.

Plot No.	Plot name	E20. Crop name	E21. What is the cropping pattern?	E22. What percentage of the intercropped area was under this crop?	E23. What seed or seedling type did you use for this crop for this plot?	E24. What was the quality of seed you used for this crop on this plot?	E25. Did you purchase any seeds and/or seedlings for this crop?	E26. What was the total value of the seeds and seedlings for this crop on this plot whether **purchased, bartered, or traded for?**	E27. Where did you acquire most of the seeds and seedlings for this crop for this plot?
			1 = mono cropped 2 = inter-cropped	1 = ¼ 2 = 1/3 3 = ½ 4 = 2/3 5 = ¾ 6 = all 7=other___	1 traditional 2 improved	1 = very good 2 = good 3 = average 4 = poor 5 = very poor	1 = Yes 2 = No	Record the value in Birr.	1 = local market 2 = district market 3 = model or other farmer 4 = private seed supplier 5 = cooperative or union 6 = research center 7 =Ethiopian seed Enterprise 8=Own stock 9=WOARD 10=FTC
			If 1, go to 23. If 2, go to 22.		Use both spaces if intercropped		If 1, go to 26. If 2, go to 27.		
01			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
02			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
03			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
04			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
05			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
06			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
07			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
08			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
09			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
10			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
11			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
12			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|
13			|__|	|__|	|__||__|	|__|		|__||__||__|	|__|

CROP PRODUCTION AND UTILIZATION											
Crop name	E28. How much [crop] did you harvest during last cropping season?		E29 – E34. Last *meher* cropping season, how did the household use this crop? What percentage of [crop] was used for the following….?								
	Quantity	Unit	**Unit code** 1 = kilogram 2 = quintal 3 = kuna 4 = fertilizer sack 5 = dawla 6=chinet		**Record quantity**:				E34. What was the price per unit for your most recent sale of [crop]?		E35. What was the total value of the sale?	E36. Who in the household decided how much of this crop to sell?
		Unit code	29. Household consumption	30. Seed	31. pay wages in kind or other exchanges	32. sold	33. Lost after Harvest		1 = kilogram 2 = quintal 3 = kuna 4 = fertilizer sack 5 = dawla 6 = chint	Record in Birr	Record up to two household member's ID#
1.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
2.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
3.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
4.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
5.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
6.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
7.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
8.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
9.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
10.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
11.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
12.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
13.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
14.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
15.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
16.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
17.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|
18.	|__||__||__|	|__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__|	|__||__||__|	|__|	|__||__||__||__|	|__| |__|

LIVESTOCK

F00. Does the household own any livestock, including large livestock, small ruminants? |___| 1= yes 2= No   If 1, go to F01, if 2, End.

Livestock Type	F01,During the last (recall period) have you or any member of your household raised or owned any [livestock]?	F02, Who in the household owns [livestock]?	F03, Who in the household is primarily responsible for caring for [livestock]?	F04, How many [livestock] are owned by your household now, present at your farm (with you) or away?	F05,How many of [livestock are crossbred	F06,How many of [livestock are exotic	F07, Do you own any animals that are away from you or have here that are not owned by your household?	F08, Of those [livestock] that you own how many are presently away from the farm?	F09, How many [livestock] are at your farm now that are not owned by your household?	F10, What percentage of the milk, meat, newborns, or other bi-products do you keep from this arrangement?	F11, If you were to sell one of the [livestock] today, how much would you receive from the sale?	F12 How many did you own exactly (recall period)
	1 = Yes 2 = No	Record up to two ID # from Roster	Record up to two ID# Roster.				1 = Yes 2 = No					
	Recall period;12 months						If 1, go to 8. If 2, go to 11.					Recall period;12 months
01 Dairy cow												
02 Heifer												
03 Calf												
04 Beef cattle												
05 Bull and oxen												
06 Donkeys												
07 horses and mules												
08 Female camel												
09 Male camel												
10 Female goats												
11 Male goats												
12 Sheep												
13 Pigs												
	Recall period: 3 months											Recall period: 3 months
14 Poultry - Layers												
15 Poultry- broilers												
16 Poultry- pullets												
17 Poultry- cockerels												

Livestock Type	F13 In the last [recall period] how many were born?	F14 How many of the [livestock] you own were **received as gifts or payment** for services rendered in the last [recall period]?	F15 How many of the [livestock] you own were **given out as gifts or payment** for services rendered in the last [recall period]?	F16 How many [livestock] were **stolen or lost** in the last [recall period]?	F17 How many [livestock] were **slaughtered for sale** in the last [recall period]?	F18 How many [livestock] were **slaughtered for home consumption** in the last [recall period]?	F19 How many [livestock] were **purchased** in the last [recall period]?	F20 What was the total amount spent for the purchases of [livestock] in the last [recall period]?	F21 Where did you purchase the [livestock]?	F22 How many [livestock] have you sold alive in the last [recall period]?	F22 What was the total value of the sale of the [livestock]?	
									Livestock purchase code			**Livestock purchase codes** 01 = local market 02 = district market 03 = distant market with special breeds 04 = distant market with low prices 05 = research centers 06 = government ranch 07 = private ranch 08 = DA/WOARD 09 = fellow farmer 10 = cooperatives 11=Other (specify)
	Recall period;12 months	Recall period;12 months	Recall period;12 months	Recall period;12 months	Recall period;12 months	Recall period;12 months	Recall period;12 months	Recall period;12 months		Recall period;12 months	Recall period;12 months	
01 Dairy cow												
02 Heifer												
03 Calf												
04 Beef cattle												
05 Bull and oxen												
06 Donkeys					▓	▓						
07 horses and mules					▓	▓						
08 Female camel												
09 Male camel												
10 Female goats												
11 Male goats												
12 Sheep												
13 Pigs												
	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months	Recall period: 3 months		Recall period: 3 months	Recall period: 3 months	
14 Poultry - Layers						▓						
15 Poultry- broilers						▓						
16 Poultry- pullets						▓						
17 Poultry- cockerels						▓						

BP No.	Livestock By-product type	F23. Did your household produce any [by-product] from your livestock? If 1, go to F24 If 2, END	F24. What is the average quantity of [by-product] produced per what time period? (*Measurement units for dung and manure include: Cart, sack, number…*)			F25. For how many months (number of times) of the last 12 months did your household produce [by-product]? *For by-product type 07, 08, 09 ask # of times*	F26. What was average quantity of [by-product] sold per what time period?			F27. What was the total value of sales of [by-product] during that time?	F28. Where did you sell most of [by-product] that you sold in the last 12 months?	F29. Who in the household is responsible for processing the [byproduct]?		F30. Who in your household controlled the earnings from [by-product]?	
		1 = Yes 2 = No	Record the by-product produced amount	unit	Time period codes		Record the by-product produced amount	unit	Time period codes		By-product codes	Record up to two ID# from Roster.		Record up to two ID# from Roster.	
01	Cow milk	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
02	Goat milk	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
03	Camel milk	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
04	Eggs	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
05	Butter	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
06	Cheese	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
07	Honey	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
08	Wool	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
09	Skins&hide	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
10	Manure	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|
11	Dung	|__|			|__|	|__||__|			|__|	|__||__||__||__|	|__|	|__|	|__|	|__|	|__|

Time period codes
 1 = weekly
2 = bimonthly
3 = monthly
4 = biannually
5 = annually
6= other, specify_____
By Product (location) Code
1=Local market

2=nearest town market
3=Cooperative
4Private processor
5=Other household/ farmer
6=Restaurant
7=Collector

Unit code
1 = Kilogram

2 = litre
3 = number
4 = cup
5 = Others (specify)

We would now like to thank you for your collaboration and your time and for all information you have provided us with. Your information will be kept confidential.

Time of end of interview: _____   Duration: |___| hrs |___|___| minutes