

ANNEXURE 6
Assam University Silchar
Department of Social Work
School of Social Sciences
Interview Schedule

The following interview schedule forms part of a study being undertaken on Rural Food and Livelihood Security from the perspectives of smallholder farmers of Tigray Region. This is purely an academic exercise and your anonymity is guaranteed.

The research under progress will not have any administrative decision making values that might affect or influence your personal life. Thus the researcher would like to invite respondents like you who are in a position to provide valuable information which will help the researcher to achieve the desired fulfillment of the research in progress.

Thank you in the anticipation of your involvement

Sincerely

Tinsaye Tamerat

Date : _____
Survey Area : _____

PART I

1. General Information about HH head

1. Household head 1. Male 2. Female
2. 2.1 Age _____ 2.2 Weight _____ 2.3 Height _____
3. Marital status
1. Married 2. Divorced 3. Widow
4. Single

4. Educational attainment of household head

No	Educational Level	Response
1	Illiterate	
2	Read and Write	
3	Less than 8 th level	
4	9-12 Level	
5	TVET graduate (Technical and Vocational Educational Training)	
6	College Diploma	
7	First Degree and Above	

5. Household size _____

6. Religion

1. Orthodox 2. Muslim
3. Protestant 4. Catholic 5. If others, _____

2. Household Characteristics

7. Household's members living with the household head;

	Name	Sex	Age	Relation to Household head	Education Level	Main Occupation	Marital status	Height	Weight
1									
2									
3									
4									
5									
6									
7									

Part II. Questions related to Household's Food and livelihood security status

8. In what kind of house does your household live?

1. Grass roofed and Grass walls 2. Grass roofed and mud walls
3. Galvanized iron roofed and mud walls 4. Galvanized iron roofed and Cemented walls
5. If others, _____

9. How many rooms does your house have? _____

10. From the following, which of them are available separately in your house? (Multiple response)

1. Bathroom 2. Kitchen 3. Tap water 4. Electricity

11. Do you have a cultivable farmland?

1. Yes 2. No

12. What kind of ownership do you have over the farmland?

1. Own 2. Shared in 3. Shared out 4. Rented

13. What is the size of the farmland? in Hectares _____ or in *Timad* _____

14. How many plots do you have? _____

15. To what extent is the soil fertility condition of your farmland?

1. Highly fertile 2. Moderately fertile 3. Infertile

16. If you have left a land uncultivated in the last season, what was the main reason?

1. Fallow Land 2. Lack of labor 3. Lack of seeds
4. Lack of supplementary inputs like fertilizers 5. If others, _____

17. How many types of crops are you growing in your farm land?

1. 1 type 2. 2 types 3. 3 types 4. 4 types and more than that

18. Which of the following major crops do you grow often? (Rank in order of production level in the last one year)

1. *Teff* 2. Maize 3. Sorghum 4. Wheat
5. Barley 6. *Enset* 7. Haricot, bean, .. etc 8. If Others, _____

19. Which of the following major cash crops do you often grow? (Rank in order of production level in the last one year)

1. Onion 2. Chat 3. Fruits and Vegetables
4. Coffee 5. Sugarcane 6. If others, _____

20. How many years of experience do you have in farming? _____

21. How was your last production yield (2006 E.C.) of crops comparing to 2005 E.C. production?

1. Increasing 2. Similar 3. Decreasing

22. Have your household ever ran out of food before reaching the next harvest and no resources to get more?

1. Yes 2. No

23. If No, do you worry that your household will not have food before the coming harvest?

1. Yes No

24. If Yes, in the past 12 months, how often did this happen?

1. Often 2. Sometimes 3. Rarely

25. If Yes, which were the months in the last twelve months in which your household did not have enough food? (Severity level (rank): 1 highly severe ...)

No.	Months	Response	No.	Months	Response
1	January		7	July	
2	February		8	August	
3	March		9	September	
4	April		10	October	
5	May		11	November	
6	June		12	December	

26. In the last seven days, how many days have you consumed/eaten the following food varieties?

(without including foods: which were not prepared at home and consumed outside home)

No	Food Varieties	Number of times taken (0-7)
26.1	Cereals (Teff, Maize, Sorghum, Millet, Rice or others)	
26.2	Roots and tubers (Potatoes, Cassava, Sweet Potatoes or others)	
26.3	Nuts, Pulses or Legumes (Peas, Beans, Chick peas or others)	
26.4	Vegetables and leaves	
26.5	Fruits	
26.6	Meat, Offal, Poultry (Beef, goat, veal, fish, eggs or similar sea foods)	
26.7	Milk or Dairy products (Milk, Cheese, Yogurt or other)	
26.8	Sugar, honey or other sugar products	
26.9	Fats or oil (Butter)	
26.10	Condiments (tea, coffee, spices) or other miscellaneous foods	

27. Did any member of your household was not able to eat variety of preferred foods or was forced to eat food which you really didn't want to consume because of lack of resources?

1. Yes

2. No

28. From the following, rank the three main sources of income to your household?

1. Agriculture 2. Livestock farming 3. Trading or other business
 4. Casual labor in agriculture 5. Artisan 6. Renting land to others
 7. If others, _____

29. What is the monthly gross total income of your household? (in Birr) _____

30. How is your current income comparing to the previous month?

1. Increased 2. Similar 3. Decreased 4. Unknown

31. On average, what are the 3 highest expenditures of the household in order of importance?

No.	Expenditure types	Response	No.	Expenditure types	Response
1	Food Purchase		5	Livestock and items for livestock purchase	
2	Agricultural inputs		6	Social expenses like funerals and weddings / religious celebrations	
3	Health related expenses		7	Doesn't know the expenses	
4	Purchase of HH equipments/productive assets like machineries		8	If others _____	

31.1 How much percent on average is the HH food expenditure? _____

Questions related with household's health and sanitation

32. Do you have health Center/s (facilities) in your locality?

1. Yes 2. No

33. How far do you travel to get to the nearest health center (facility)? _____ (in KMs)

34. Has any member of your household got seriously sick in the last year?

1. Yes 2. No

35. What were the major diseases that affected your household members? _____

36. Who was the mostly affected household member by the above sicknesses? (Multiple response)

1. Children 2. Women members 3. Male members
 4. Elderly 5. If others, _____

37. How did you deal with the sick person in your household?

1. Took to health center (Facility) 2. Bought drugs from a pharmacy (shop)
 3. Took to a traditional healer 4. Nothing 5. If others, _____

38. If your answer is taking to health facility, then to what extent are you satisfied with the medical services of the nearby health center/facility?

1. Highly satisfied 2. Satisfied 3. Unsatisfied

39. Have you had any life loss of your household member in the last year?

1. Yes 2. No

39.1 If your answer is Yes, then describe:

No.	Sex	Age	Cause of Death
1			
2			
3			

40. Do you get access to a clean/protected and safe drinking water for your household?

1. Yes 2. No

41. Where do you get your drinking water?

1. Piped (tap) water 2. Communal tap (Bono)
 3. Protected well/Borehole 4. Unprotected well/Borehole
 5. Pond, stream or River 6. If others, _____

42. Do you treat the water before drinking?

1. Yes 2. No

43. If your answer is yes, what kind of treatment method do you employ to treat the water?

1. Boiling 2. Water guard 3. Modern filters 4. If others, _____

44. How far do you travel to fetch water? _____ (in KMs)

45. Do you have your own protected sanitation facilities?

1. Yes 2. No

46. If your answer is No, Where do you usually go for sanitation?

1. Pit private 2. Pit communal
 3. Bushes and nearby river beds 4. If others, _____

Questions related to Social capital

47. Are you a member of agricultural cooperative service/peasant association?

1. Yes 2. No

48. If yes, in what way do you get some benefit from being a member? (Rank the first three)

No	Type of Benefit	Response
1	Share market information	
2	Borrow Cash or kind	

3	Share use of new/ improved equipment and technology	
4	Transfer of knowledge	
5	Facilitation of access to credit	
6	If others, Specify _____	

49. Are you a member of an association of local informal institutions?

1. Yes 2. No

50. If your answer is Yes, Which of the following local informal social institutions are you a member in? (Multiple response allowed)

1. *Idir* 2. *Equib* 3. *Mahiber* 4. If others, _____

50.1 Are there any benefits that you are getting by being a member of the above social institutions?

1. Yes 2. No

51. Do you agree that farmers in your community are trustable and trustworthy in cases of lending and borrowing?

1. Yes 2. No

Questions related to Market

52. Where do you sell your majority of farm products?

1. On the farm 2. Taking to the local/main market
3. Through cooperatives 4. If others, _____

53. Approximate distance of the household's location from the nearest:

- 53.1 Main road _____ (in KMs)
53.2 Main Market _____ (in KMs)
53.3 Approximately how much time will you usually take to reach the nearest main market? _____

54. What means of transportation do you usually use to transport your agricultural products to main market?

1. Vehicle/ transportation 2. Animals/animal carts
3. Human Power 4. If others, _____

55. What are the major challenges that you face in marketing your products?

1. Far Distance of the market place 2. Transportation problem
3. Low price of agricultural products 4. If others, _____

56. Do you get market information about demand and prices for your agricultural outputs/inputs?

1. Yes 2. No

57. If your answer is Yes, then where do you usually get the information from?

Questions related with agricultural inputs

58. Do you employ the traditional high yielding inputs to enhance farm production?

1. Yes 2. No

59. If your answer is Yes, Which traditional inputs do you use? (Multiple response)

1. Manure 2. Fallowing 3. Irrigation 4. If others _____

60. Do you apply modern technological inputs?

1. Yes 2. No

61. If your answer is Yes, Which modern inputs do you use? (Multiple response)?

1. Fertilizers 2. Improved seeds 3. Pesticides 4. Herbicides
5. If others, _____

62. If your answer is No, what are the major reasons for not employing inputs?

1. Lack of awareness 2. High prices of inputs 3. Lack of finance
4. Lack of supply 5. Lack of land 6. If others, _____

63. Has your household received agricultural extension services from government and/or NGOs?

1. Yes 2. No

64. How do you evaluate your trend of crop productivity during the past three years?

1. Increased 2. Somehow similar 3. Decreased

65. Which of the following agricultural assets does your household own? (Multiple response)

1. Motor Pump 2. Pedal Pump 3. Well 4. Motor tractor

Questions related with livestock ownership

66. Livestock ownership in number;

No	Livestock type	Before a year	Now
Cattle			
1	Oxen		
2	Cow		
3	Bull		
4	Calve		
5	Heifer		
Pack Animals			
6	Horse		
7	Donkey		

8	Mule		
Small Ruminants			
9	Goat		
10	Sheep		
11	Chicken		

67. If the number of livestock decreased since last year, what are the three most important reasons? (Ranking 1-3)

No.	Reason	Response	No.	Reason	Response
1	Sold for cash		4	Killed for daily HH consumption/ celebration	
2	Death due to fodder shortage		5	Given away as a gift	
3	Death due to disease		6	If others, _____	

68. Do you own enough oxen for farm traction?

1. Yes 2. No

69. If your answer is No, where will you get the additional oxen you need?

1. Hire from others 2. Borrow from relative/friend 3. Exchange with labor
4. If others, _____

70. Do you have access to veterinary services in your locality?

1. Yes 2. No

Questions related with Access to Credit

71. Do you have access to a formal credit institution?

1. Yes 2. No

71.1 If your answer is No, What is the main reason behind? _____

72. If your answer is Yes, which source of formal credit you have access to?

1. Micro finance institute 2. Commercial Bank
3. Development Bank 4. If others, _____

73. Do you have access to a non-formal credit source?

1. Yes 2. No

74. If your answer is Yes, which source of non-formal credit you have access to?

1. Local Money lenders 2. Friends and relatives 3. *Equb*
4. If others, _____

Questions related with income diversification of Households

75. Have you or any member of your household participate/ed in off/non-farm activities in the last 12 months?

1. Yes

2. No

76. If your answer is Yes, then which of the following off/non-farm activities has your household participated in the last 12 months?

No.	Off-farm activities	Response	Annual gross income
1	Rent from different assets like Land, traction/pack animals water pumps, and other tools		
2	Sale of fire wood (in the form of Charcoal)		
3	Labor for other agricultural wage		
Non-farm activities			
4	Daily Labor in manufacturing/construction or other nonfarm activities		
5	Self-employment in handcrafting		
6	Sale of local beverages		
7	Petty trade like kiosks and other services		
8	Transporting using carts or motor vehicle		
9	If others		

77. If your answer is No, What are the major reasons hindering your involvement in non/off farm activities?

1. Lack of Capital or credit service

2. Lack of resources

3. Lack of jobs and low payments

4. High prices of raw materials

5. If others, _____

78. How do you see the income sources of your household comparing to the previous year?

1. Increased

2. Similar

3. Decreased

79. Where do you put your household's food security status?

1. Food Secure

2. Transitorily food insecure

3. Chronically food insecure

80. If food aid was a means to fill the deficit/gap in your household, indicate the amount of aid that your household has received in the years of:

No.	Type of food/aid in any form	Year (E.C.)					
		2004		2005		2006	
		KGs	Birr	KGs	Birr	KGs	Birr
1							
2							
3							

81. Which of the following are the major causes for the food insecurity in your household? (Rank in order of magnitude)

1. Low and inconsistent rainfall 2. Shortage of land for cultivation
 3. Poor quality of land 4.Environmental Degradation 5. Shortage of Oxen
 6. Shortage of input supply like Improved seeds, fertilizers and extension services
 7. Lack of credit services 8. If others, _____

82. Which of the following major constraints are hindering you from livestock farming? (rank from 1-3)

1. Lack of water 2. Lack of market 3. Lack of fodder
 4. Disease and health related problems 5. Lack of safety for livestock
 6. Lack of veterinary services 7. Lack of improved breeds/artificial insemination services
 8. If others, _____

Questions related with coping

83. What strategy did your household employ to cover up food shortage?

No.	Food insecurity coping strategies	Response	
		Yes	No
1	Household relief assistances (Food aid)		
2	Sell of livestock and their products		
3	Eat a less preferred food (including wild foods)		
4	Reduction of consumption (Number and portion Meals per day)		
5	Grain/cash credit		
6	Forming Equib		
7	If others, _____		

84. In the last year, to fulfill basic necessities of the household, did your family have to?

No.	Livelihood coping strategies	Response	
		Yes	No
1	Send member of household for a job abroad		
2	Buy less amount of agricultural inputs		
4	Sell of assets (both productive and non productive)		
5	Beg		
6	Take a loan or get into debt		
7	Send all Household members abroad for job		
9	Cut health/education expenditures		
10	Reduce all expenses		
11	If others, _____		

85. Have you ever received a household package/household asset building program loan since safety net program was started?

1. Yes 2. No

86. If yes, to what extent are you satisfied with the early warning and safety net programs provided by development agents/authorized government bodies?

1. Highly satisfied 2. Satisfied 3. Unsatisfied

87. What help/assistance do you need from the government or any nongovernmental organization in your effort for securing your household's food and livelihood situation?

88. If you have any additional comments
