

APPENDIX A

QUESTIONNAIRE

Name of interviewed farmer Date of interview.....
 Name of household head..... Division.....
 Village..... District.....
 House No.

A. Household information.

1. What is the information of your household?

No	Household member	Related with HH	Age	Sex	Years in school	Year in farming	Occupation	Work in farm (Full time)	
								Yes	No
1									
2									
3									
4									
5									

Codes;

Occupation (1) Farming (2) Business (3) Student (4) Government Officer (5) trader
(6) Other (specify)

2. How many people in your family work in the farm? Male..... (Persons)
 Female..... (Persons)
3. How many people in you family work off-farm? Male..... (Persons)
 Female..... (Persons)

B. Land use and land ownership and cultivation.

4. The total agricultural land = _____ (acre)

plot	Crop	Area(acre)	Ownership	Rent rate	Water source	Soil quality
1						
2						
3						
4						
5						

Notes;

Ownership; 1=own, 2= rent in, 3= rent out,

Water source; 1= rain, 2=irrigation,

Soil quality; 1 = good, 2 = fair, 3 = poor, 4 = very poor

APPENDIX A.1

C. Cropping Pattern.

5. Cropping calendar? (Cropping Pattern)

Plot	Months											
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
1												
2												
3												
4												
5												

D. Groundnut Production Systems.

1. What is purpose of growing groundnut crops?

1. Cash 2. Home consumption 3. Others
(specify).....

2. Total production area of groundnut = acre

3. What kinds of seed variety did you use? _____

3.1. From where the seed come. 1. Ownkg
2.purchase..... kg

4. Land Preparation.

4.1. Months of land preparation =

4.2. Method of land preparation

1. Machine 2. Labor 3.labor and animal
 4. Others (specify) _____

4.3. If using machine, please answer following question.

4.3.1. Is it your own machine or rent machine? 1. Own 2.Rent

4.3.2. If own, what kind of machine did you use?

4.3.3. How much was the cost of machine? _____ kyats

4.3.4. How many years can it be used? _____ Years.

4.3.5. How much did you spend per year for maintenance cost for groundnut production? _____ .

4.3.6 How many days did you used the machine for land preparation for the groundnut production _____ days.

4.3.7. Did you use this machine also for other crop? 1. Yes 0.No

4.3.8. If yes, how many days in a year was it used for other crop. _____ days.

4.3.9. How much did you pay for the petrol used with the machine for land preparation? _____ kyats.

4.4 Labor use for land preparation.

4.4.1 Family labor = _____ persons, _____ days.

4.4.2. Exchange labor = _____ persons, _____ days.

4.4.3. Hired labor = _____ persona, _____ days.

5. Cost of Fertilizer in Groundnut Production.

Types of fertilizer	Total amount of fertilizer(bag=kg)	Price of fertilizer (Kyat/bag)	Purchased place	Transportation cost

- Labor use for fertilizer application in groundnut production.

Hired labor = _____ persons, _____ days.

Family labor = _____ persons, _____ days.

Exchange labor = _____ persons, _____ days.

6. Cost of Pesticides and Insecticides is used in Groundnut Production.

Types of insecticides,pesticides	Total amount of insecticides, pesticides (specified unit)	Price of fertilizer (Kyat/unit)	Purchased place	Transportation cost

- Labor use for insecticides and pesticides application in groundnut production.

Hired labor = _____ persons, _____ days.

Family labor = _____ persons, _____ days.

Exchange labor = _____ persons, _____ days.

7. Harvesting.

- How many times did you harvest the groundnut? ----- Times.

- Labor use for harvesting groundnut

Hired labor = ----- persons, ----- days.

Family labor = ----- persons, ----- days.

Exchange labor = ----- persons, ----- days.

- Total yield _____ (kg)

Yield (kg) 2006	Distribution		
	consumption (kg)	Seed for next year (kg)	Amount of sale for total yield (Kg)

Sale of output

- Where did you sell the output? _____
- How much in total did you pay for transporting the output to the sale place?

_____ kyats.

- Labor use for transporting
 Hired labor = ----- persons, ----- days.
 Family labor = ----- persons, ----- days.
 Exchange labor = ----- persons, ----- days.
- Is there any additional cost for groundnut production? If yes, how much? _____ kyats

8. Source of money used for Groundnut Production.

8.1. Did you take a credit or borrow money for groundnut production?

Yes No

8.1.1. If yes, how much did you borrow in total amount of money?

Source of credit	Amount of money (kyats)	Interest rate (%/ month)	How many months did you borrow?

8.1.2. If no, from where did you use the money for groundnut production?

8.2. Did you borrow in kinds? Yes No

8.2.1. If yes, what did you borrow? _____

8.2.2. How did you pay back? _____

9. Assessment of Production Techniques provided by Agricultural Extension Officer

9.1. Do you think do you have enough knowledge for groundnut production?

1. Yes. 2. No.

9.1.1. If yes, where did you get the knowledge? _____

9.1.2 If no, what kinds of knowledge about groundnut production do you want?

9.2 Training participation in groundnut production

9.2.1 Have you ever participated in training course for groundnut production?

1. Yes 0. No

9.2.2 If yes, when did you have? _____ What was the topics?

from which institution? _____

9.2.3. Is there any officer come to introduce you about the technique for groundnut production?

1. Yes 2. No

9.2.4 If yes, what did they introduce to you? Please, explain;

9.3. Do you follow the suggestion of the officer? 1. Yes 2. No

If no, why? -----

9.4. Do you want to be trained for groundnut production? Yes No

9.5. What kinds of topic do you want for?

10. Changes of groundnut yield.

How many years do you have experience in groundnut production? ----- Years.

10.2. What is the trend of the groundnut yield?

1. Increase 2. Decrease 3. Same

1. What was the yield in 2005 ----- and production area -----

10.2.2 What was the yield in 2004 ----- and production area ----

10.2.3 What was the yield in 2003 ----- and production area -----

10.3 If the yield increased. Can you explain why increased?

10.4 If the yield decreased. Can you explain why decreased?

11. Problems of groundnut production.

What kinds of problem do you have?

Can you solve the problem by yourself? Yes No

If yes, how? _____

If no, how the problem can be solved? _____