

# Appendix:

## Farmer Questionnaire

<i>Target Area</i>	<i>Date</i>	<i>Farmer's In Formation</i>
District .....Commune.....Village.....		Farmer's Name:.....
Questionnaire's code.....	Name's D.C.....	Tel: .....

### I. Farmer's family profile

1. Gender	1. Male 2. Female
2. Age	.....
3. Education Level	1. Primary 2. Secondary 3. High 4. University 5. Others.....
4. Number of member in family	Total..... Women.....
5. Main income sources in family	1. Growing rice 2. NGOs Staff 3. Government staff 4. Factory or garment worker 5. Raise animal 6. Own business..... 7. others.....
6. How long did you grow rice?	..... years
7. Do you have enough labor in family for growing rice?	1. Enough 2. Not enough
8. If you have no enough labor, where do you take it from?	1. Rent 2. Ask your neighbour to help you 3. Others.....

### II. Rice Production

#### 1. Land size of rice production

N	Type of rice production	1. Secify variety	Size of land		
			2. Own land	3. Rented land	4. Price of rented land
1	Early duration maturity	.....			
2	Medium duration maturity	.....			
3	Long duration maturity	.....			
4	Floating	.....			
5	Irrigated rice (dry season)	.....			
6	Recession rice (dry season)	.....			

- Why do you rent?  
.....

2. What sources of water do you use in rice production?	1. Pond 2. Well 3. Lake 4. Natural Canal 5. Company's channel 6. Others.....
4.1. Do you enough water to irrigate rice in rainy season?	1. Yes 2. No
4.2. Do you enough water to irrigate rice in dry season?	1. Yes 2. No
3. Source of money in rice production	1. Own money 2. Bank or Micro-finance 3. Relative 6. Others.....
4. How much do you borrow?	1. Num. of money .....Riel
	2. Interest.....%
	3. Period.....months
	Institue's Name.....

### III. Economics Analysis in Rice Production

#### 1. Early duration maturity rice (rainy season)

##### a. Variable Cost

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			

7. Water (buy from company's chanel			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						
3. Take care						
3.1. Weeding						
3.2. Spraying pesticide						
3.3. Irrigating						
4. Harvesting						
5. Transportation						
6. Others.....						
Total						

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**2. Medium duration maturity rice (rainy season)**

**a. Variable Cost**

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			
7. Water (buy from company's chanel			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						
3. Take care						
3.1. Weeding						
3.2. Spraying pesticide						
3.3. Irrigating						
4. Harvesting						
5. Transporting						
6. Others.....						
Total						

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**3. Long duration maturity rice (rainy season)**

**a. Variable Cost**

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			
7. Water (buy from company's chanel)			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						

3. Take care					
3.1. Weeding					
3.2. Spraying pesticide					
3.3. Irrigating					
4. Harvesting					
5. Transporting					
6. Others.....					
Total					

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**4. Floating rice (rainy season)**

**a. Variable Cost**

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			
7. Water (buy from company's channel)			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						
3. Take care						
3.1. Weeding						
3.2. Spraying pesticide						
3.3. Irrigating						
4. Harvesting						
5. Transporting						
6. Others.....						
Total						

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**5. Irrigated rice (dry season)**

**a. Variable Cost**

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			
7. Water (buy from company's chanel)			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						
3. Take care						
3.1. Weeding						
3.2. Spraying pesticide						
3.3. Irrigating						
4. Harvesting						
5. Transporting						
6. Others.....						
Total						

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**6. Recession rice (dry season)**

**a. Variable Cost**

Type of cost	1. Quantities	2. Price/Unit (Riel)	Total
1. Seed			
2. Natural Fertilizer			
3. Natural Pesticide			
4. Chemical Fertilizer			
5. Pesticide			
6. Gasoline			
7. Water (buy from company's chanel)			
8. Others.....			

**b. Labor Cost**

Type of actions	Number of labor			P/Unit	Num. of day	Total
	In family	Outside				
1. Prepare land						
1.1 Plowing						
1.2 Building dike						
2. Growing						
2.1 Sowing						
2.2 Transplanting						
3. Take care						
3.1. Weeding						
3.2. Spraying pesticide						
3.3. Irrigating						
4. Harvesting						
5. Transporting						
6. Others.....						
Total						

**c. Fixed Cost**

Type of Cost	Q	Price/unit	Total cost	Used Period	Future use period
1. Tractor					
2. Mechanical Mules					
3. Water pump machine					
4. Pipe					
5. Water pump					
6. Sprayer machine					
7. Ox Chart					

**d. Gross Income From Rice Production**

Type of Income	Total Quantities	Price/Unit	Total Income
1. Rice			
2. Others			
Total			

**IV. Selling Rice**

1. After harvest rice what do you do?	1. Keep for own consumption 2.sell 3. both 4.others.....
2. If yes, when do you sell?	1. immediately after harvest 2. during rice plation period 3.others.....
3. Why do you sell that time?	1. Have to pay loan back 2. High price 3. No storehouse 4. Have milling machine at home 5. others.....
4. Why you don't sell your rice?	.....
5. Who do you sell rice to?	1. Village buyer (collector), why?..... 2. Wholesaler, why?..... 3. Retailer, why?..... 4. Miller, why?..... 5. Others, why?.....
6. Where do you sell paddy rice?	1. At home 2. collector house 3. village market 4. Miller 5. Others.....

**V. Constrains in rice production**

1. Did insects destroy your rice production?	1. Yes 2. No
2. If, yes? What kinds of incest?	1.Fresh water crab 2. Birds 3. worm 4.others.....
3. How do you solve these problems?	.....
4. Did your rice production face with natural disaster last year?	1.Yes 2.No
5. If yes, which one?	1.drought 2. Flood 3.Storm 4.others.....
6. Did you meet some difficulty with transportation?	1. difficult road 2.lack of transportation 3. price transportation is too high 4. others.....
7. How do you solve these problems?	.....
8. Did you face problems with selling rice?	1.Yes 2.No
9. If yes, what are the problems?	1. No buyer 2. less buyers 3. low price 4.others.....

**VI. Supporting rice production**

1. Did you get any supports for growing rice?	1. Yes 2. No
2. Who did support you?	1.Provincail departement of Agriculture 2. NGOs..... (plese list) 3. Private company..... (plese list) 4. others..... (please specify)
3. What do they support?	1. Provide tecnique 2. Provide agriculture input..... 3. Provide services when farmer face problem 4. Provide loan 5. others.....
4. When do they provide support?	1. Before plantation 2. During plantation 3. After plantation 4. others..... (please specify)

Thanks you for your participation!!!