The Appendices

List of appendices

The Appendix 1: The full survey questionnaire	II
The Appendix 2: Photos of data collection	IX

The Appendix 1: The full survey questionnaire

"SURVEY ON TOPIC "IMPACT OF AGRICULTURE COOPERATIVES ON LIVELIHOOD OF SMALL SCALE VEGETABLE FARMERS"

Dear Sir/Madam

Thank you very much for finding time in answering the questions in the survey. Researchers at all levels will keep your family's private data strictly confidential. The information that you have provided will only be used for academic purposes.

SECTION 1: GENERAL QUESTIONS

SURVEY NUMBER	
DATE	
PROVINCE	
SOUM	
Name of the household head	
Number of household members	
Age	
Gender (male=1;female=0)	
What is your highest level of obtained education?	
None =1	
Elementary =2	
Secondary=3	
High School=4	
Vocational =5	
High =6	
Other=7	

Location	From UB	From Province Center	From Soum Center
Distance of the			
household, km			

SECTION 2: CROP PRODUCTION

2.1 Does your household own any land for agricultural purposes? 1. Yes 2. No

2.2 What is the total land amount you own in hectares?

2.3 How much of your total land do you use for vegetable production, in hectar?

2.4 Do you own any land together with other farmers? 1.Yes 2.No

2.5 How much of the land do you own from the common shared land, in hectares?

				Prod	uction details				
N	(2.6) Name of the crop	(2.7) Did you harvest any of the followin g crops in the last one year?	(2.8) Total harvest of the vegetable in?		(2.9) Quantity used for own consumption ?	(2.10) Sold as raw vegetable?		(2.11) sold as processed and stored product?	
		Yes=1 No=2	Fro m 1 ha	Fro m total land	Kg	K g	Price/k g	K g	Price/k g
0 1	Potatoes								
0 2	Carrots								
0 3	Turnip								
0 4	Cabbage								
0 5	Beetroot								
0 6	Onion								
0 7	Garlic								
0 8	Tomatoes								
0 9	Cucumbe r								
1 0	Fruits								
1 1	Other								

		1		
Total				
Total				

			Sale details	
N	(2.11) name of the crop	(2.12) Where did you sell the crop?	(2.13) Main type of distribution	(2.14) How far do you have to go to sell the
	or op	Soum center =1 Aimag center=2 Ulaanbaatar=3	To consumers directly, individually =1 To cooperative =2	crop?
		Other=4	Private company=3 Shops=4 To other institutions by contract=5 Other=6	In km
01	Potatoes			
02	Carrots			
03	Turnip			
04	Cabbage			
05	Beetroot			
06	Onion			
07	Garlic			
08	Tomatoes			
09	Cucumber			
10	Fruits			
11	Other			
	Total			

2.15 Have you enlarged your production in last two years? (1=yes; 2=no)

2.16 In the last two years my production has increased/decreased by:

1. 10% 2.20% 3.30% 4.40% 5.50% 6. More than 50%

2.17 How satisfied are you with your vegetable selling price?

- 1. Very unsatisfied 3. Satisfied
- 2. Unsatisfied

EXPENDITURE								
Expenditure	(02.18)Wh	nat was		Expenditure	(02.18)Wh	nat was the		
item	the expenditure		the expenditure			item	expenditur	e on
	on[ITEM] in				[ITEM]	in the past		
	the past 12				12 months	?		
	months?							
	Quantity	Value			Quantity	Төгрөгөөр		

4. Very satisfied

		in MNT		
01	Seeds		08	Electricity
02	Fertilizers		09	Water
03	Hired labour		10	Transportation
04	Equipment tools		11	Communication
05	Constructions		12	Taxes, Fees
06	Raw materials		13	Rent
07	Gasoline, fuel		14	Other (insurance,)
	Total			

SECTION 3: OTHER INCOME (wage, pension, aid)

3.1 Do you have any job other than agriculture? (1. Yes 2.No)

3.2 What kind of job do you do? (.....)

3.3 What was the type of the work ? 1. Unpaid 2. Paid 3. Non-monetary payment

3.4 What was the type of your work employer?

1. Cooperative 4. Sate owned company 7. Other

- 2. Corporation 5. Government organization
- 3. LLC 6. NGO3

3.5 Could you please provide your monthly wage?

3.6 In the past one year has any member of the household received money or goods from individual, relatives, friends, government, or an organization? (1.Yes 2.No)

3.7 Who gave the gift, remittance or aid?

- 1. Government
- 2. Private company
- 3. NGO
- 4. Relatives
- 5. Other individual (friends, neighbors,..)
- 6. International organization
- 7. Other

3.8 How much of aid did your household receive in total during last one year, in MNT ?

3.9 How many members of your household receive pension?

3.10 What is the total pension amount, in MNT?

SECTION 4: SAVINGS AND LOAN

4.1 Do you have a saving?	1.Yes	2.No
4.2 Do you have a loan that has not been yet repaid?	1.Yes	2.No
4.3 Did you take any loan in the last one year?	1.Yes	2.No
4.4 Where did you get a loan? Choose from following sources		

- 1. Commercial Bank
- 2. Non-Bank Financial Institutions
- 3. Savings and Credit Cooperative
- 4. State loan institutions (Soum foundations, local government projects,etc)
- 5. Individual
- 6. Other

SECTION 5: SOCIAL CAPITAL

5.1 Are you a member of any social group? 1. Yes 2. No

5.2 What type of group is that?

1. Farmers union 2. Religious group 3. Cooperative 4. Other,

5.3 In how many meetings in the village did you attend in the past one year?

5.4 In how many celebrations in the village did you attend in the past one year?

5.5 How many farmers outside your community do you communicate with?

5.6 What kind of relationship do you have with other farmers outside your community?

1. Only for farming activities 2. Close friendship 3. Both above

5.7 Do you agree with the statement "I would be willing to share my property with other farmers in the village" ? 1.Agree 2. Do not agree

5.8 Will you be willing to share land and other utilities with other farmers in the future?

1. Yes 2. No

5.9 If no, what is the main reason of you not wanting to share?

- 1. No profitable
- 2. Other farmers use everything without care
- 3. Other farmers does not want to share things with me
- 4. I do not trust others

5. Other (.....)

5.10 Do you agree with statement "I trust other farmers in the village"? (1. Agree 2. Do not agree)

SECTION 6: QUESTIONS FOR COOPERATIVE MEMBERS

6.1 How many years have you been a cooperative member?

- 6.2 What is your position in the cooperative?
- 1. Member 2. Member of Board of Directors 3. Director 4. Other

Meeting organized from the cooperative

Year	(6.3) How	(6.4) How	(6.5) In how	(6.6) In how
	many meetings	many trainings	many meeting	many
	does your	does your	did you attend?	trainings did
	cooperative	cooperative		you attend?
	organize?	organize?		
	Number	Number	Number	
				Number
2014-2015				
2016				

6.7 How actively are you involved in the cooperative activities?

1. Very inactive	2.Inactive	3. Average	4. Active	5. Very active
6.8 How many me	embers are ac	tively involved	in business transac	ctions with cooperative,
in %?				

6.9 How would you rate the cooperative capacity to provide services on a scale from 1 to 5?

1. Very bad 2.Bad 3. Average 4. Good 5. Very good

6.10 What is the amount of land which is under cooperative management?

- 6.11 What are the main services provided from the cooperative to the members?
- 6.12 What are the main benefits you receive from the cooperative?
- 6.13 What are the main problems associated with the cooperative?

6.14 What are the main products sold by the cooperative?

6.15 Why have you decided to join cooperatives?

6.16 Do you know main principles of cooperative?

1. Yes 2.No

6.17 Are you familiar with "Law on Agriculture Cooperative"?

- 1. Not familiar at all
- 2. I have heard about it
- 3. I know a little bit
- 4. I know it very well

6.18 Does you cooperative support you in selling vegetables?

- 1. Very unsupportive
- 2. Unsupportive
- 3. Supportive
- 4. Very supportive

6.19 What kind of support does your cooperative provide?

- 1. To obtain better prices in the market
- 2. To get better information about the market
- 3. To reduce the transportation cost to the market
- 4. To obtain credits from financial institutions
- 5. To save the time spent on vegetable plantation
- 6. Other (.....)

6.20 Where do you get information about market, production and technology?

- 1. Media (TV, radio, newspaper)
- 2. Local administrative office
- 3. State offices
- 4. Cooperative
- 5. Friends, relatives, neighbors
- 6. NGO
- 7. International organization
- 8. Other (to specify)

SECTION 7: QUESTIONS FOR NON-MEMBERS

N	Questions	Answers
(7.1)	Have you ever tried to join an agriculture cooperative? (YES=1, NO=0)	
(7.2)	What are the reasons that you are not a member of a cooperative?	
(7.3)	What are the problems associated with a membership of a cooperative?	
(7.4)	Do you have a basic understanding about cooperative principles? (YES=1, NO=0)	
(7.5)	Where do you get information about market, production and technology?	 Media (TV, radio, newspaper) Local administrative office State offices Cooperative Friends, relatives, neighbors NGO International organization Other (to specify)

THANK YOU VERY MUCH

The Appendix 2: Photos of data collection



Picture 1 Data collection in Orkhon soum, onion field



Picture 2 Data collection in Selenge Province with cooperative member