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Appendix I

MEMBERS QUESTIONNAIRE

These questionnaires have been designed to execute a research purposely for academic work. The principal objective is to analyse the economic and social performance of farmers' groups and their determining factors in participation of agricultural cooperatives. All information provided will be used solely and exclusively for academic purpose and all respondents will remain anonymous to the public domain. Information provided would be used to make sound empirical analysis and suggest policy recommendations that would help improve market access and farmer's socio-economic well-being and standard of living in the region. The entire interview will take 30 minutes of your time and you are kindly requested to provide honest and genuine answers within your possible best.

Interview date...../...../20.....

A. DEMOGRAPHIC AND SOCIO-ECONOMIC DATA

Filled by enumerator:

1. GPS coordinates
2. Name of province
3. Name of ward/community

4. What is the percentage of your production that you sell through the cooperative?
.....(0-100%)
5. What is the percentage of attended meetings out of total number of coop meetings?... (0-100%)

6. Name of the cooperative
7. Gender [1] Male [0] Female
8. Main product (Rice, Cassava)

Filled with respondents:

9. Age of respondent in years
10. Years of education of respondent.....

11. Do you own television, radio and mobile phone? No Yes
12. What is your total land holding (in hectares)?
13. How many of the agricultural land do you cultivate [in hectares]?
.....
14. What is the distance from your farm to the nearest bigger regional market centre where you can sell your products? [km]
15. Do you agree that the cooperative can bring you economic and non-economic benefits?
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

Economic Benefits of cooperative

Cost of inputs

16. Labor

- a. Please indicate the quantity of labour (in man days) that you utilized in the first season of your farming operations.....
 - b. Please indicate the quantity of labour (in man days) that you utilized in the second season of your farming operations.....
 - c. What is the cost per unit (ZK) of labour in the first season?
.....
 - d. What is the cost per unit (ZK) of labour in the second season?
.....
- Seeds
- e. Please indicate the quantity of seeds (KG) that you utilized in the first season of your farming operations.....
...
 - f. Please indicate the quantity of seeds (KG) that you utilized in the second season of your farming operation.....

g. What is the cost per unit (ZK) of seeds in the first season?

.....

h. What is the cost per unit (ZK) of seeds in the second season?

.....

Fertilizer

i. Please indicate the quantity of fertilizers (KG) that you utilized in the first season of your farming

operations.....

.....

j. Please indicate the quantity of fertilizers (KG) that you utilized in the second season of your farming

operations.....

.....

k. What is the cost per unit (ZK) of fertilizers in the first season?

.....

l. What is the cost per unit (ZK) of fertilizers in the second season?

.....

Insecticide

m. Please indicate the quantity of pesticide (litters) that you utilized in the first season of your farming

operations.....

.....

n. Please indicate the quantity of pesticide (litters) that you utilized in the second season of your farming

operations.....

.....

o. What is the cost per unit (ZK) of pesticide in the first season?

.....

p. What is the cost per unit (ZK) of pesticide in the second season?

.....

Herbicide

q. Please indicate the quantity of herbicide (litters) that you utilized in the first season of your farming

operations.....

...

r. Please indicate the quantity of herbicide (litters) that you utilized in the second season of your farming operations.....

.....

s. What is the cost per unit (ZK) of herbicide in the first season?

.....

t. What is the cost per unit (ZK) of herbicide in the second season?

.....

Revenue

17.

a. What quantity of produce were you able to harvest in season 1?

.....

b. What quantity were you able to sell in season 1?

.....

c. What was the price of your produce in season 1?

.....

d. What quantity of produce were you able to harvest in season 2?

.....

e. What quantity were you able to sell in season 2?

.....

f. What was the price of your produce in season 2?

.....

Market Access

18. Please indicate your level of agreement with this statement. I am confident that after harvesting my produce I will get buyers to buy.

[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree [] Partly Agree [] Strongly Agree

19. How many days do you spend to sell your produce?

.....

20.

a. What percentage of your produce do you sell through cooperative? (out of 100%)

b. What percentage of your produce do you sell through sTable contacts with some middlemen? (out of 100%)

c. What percentage of your produce do you sell through bulk stations? (out of 100%)

d. What percentage of your produce do you sell through wholesalers? (out of 100%)

e. What percentage of your produce do you sell through farm gate? (out of 100%)

Innovation and Diversification

21. Please indicate the degree to which you can get access to technologies (Example Rice milling machine) to process your produce after harvesting. On scale of 1 to 5 with 5 been 100% processing your produce and 1 been 0% processing.

[] 5 [] 4 [] 3 [] 2 [] 1

22. Please indicate your level of agreement in terms of access to quality and high yielding varieties of seeds in your farming operation. On a scale of 1 to 5 with 5 been less difficulty in getting access and 1 been extreme difficulty in getting access.

[] 5 [] 4 [] 3 [] 2 [] 1

23. How many other crops you produce in addition to your main crop?

.....

Social Benefits of cooperatives

Please indicate your level of agreement with the statement related to trust in your community.

Trust Statements

24. Most people in my community, farmer association or cooperative can be trusted.

Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

25. Most people in my community, farmer association or cooperative have trust in me

Strongly Disagree Partly Agree agree nor disagree Partly Agree Strongly Agree

Reciprocity Statements

26. If I work hard, I expect it will be repaid

Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

27. To help somebody is the best strategy to be certain that s/he will help you in the future

Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

28. If someone does a favor for me, I am ready to return it

Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

29. The way I treat others depends much on how they treat me.

Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

Women Empowerment - Benefits of cooperative

1. I can rightly decide about the usage of my salary.

- [] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
2. I am independent from my spouse's income.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
3. I have gained new social contacts during last two years.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
4. I am satisfied with the respect my community provides me.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
5. After joining the cooperative, I am able to solve or reduce some constraints I
suffered before.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
6. After joining the cooperative I feel better prepared for incoming unexpected
challenges in my life.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
7. I would recommend my family members or friends to join the cooperative.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
8. Is anybody from your family a member of the cooperative? Yes/NO
9. If yes, who?

Women Empowerment- Roles Played in cooperative

10. I think I can influence the direction of cooperative.
[] Strongly Disagree [] Partly Agree [] Neither agree nor disagree []
Partly Agree [] Strongly Agree
11. I intend to run for elections as a leader.

- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
12. I intend to run for elections on the supervisory board.
- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
13. I intend to run for elections as a committee member in cooperative.
- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
14. I find presence of women in leadership beneficial.
- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
15. I think my cooperative contributes to gender equality.
- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

Caritas

30. What is your position within the cooperative?
- Chairman of board Member of board Member of cooperative
 Member paid by the cooperative
31. How many years have you been a member of cooperative?

VOLUNTARY AND OPEN MEMBERSHIP

Indicate your level of agreement or disagreement with these statements

32. It was more difficult to meet the entry conditions into the cooperative because of my religion.
- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
33. It was more difficult to meet the entry conditions into the cooperative because of my gender.

- Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
34. It was more difficult to meet the entry conditions into the cooperative because of my social background or tribe.
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
35. It was difficult to meet the financial entry conditions into the cooperative.
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
36. It is important that most members are of the same gender.
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
37. It is important that both gender is present in the leadership position of the cooperative.
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

Democratic Member Control

38. Were you involved in the selection of board members?
 Yes No

Indicate your level of agreement or disagreement with these statements

39. Cooperative functions according to the cooperative principles of democracy and transparency.
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
40. Cooperative meetings are interesting and attended with excitement?
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree
41. Members openly and willingly share their views in the cooperative?
 Strongly Disagree Partly Agree Neither agree nor disagree Partly Agree Strongly Agree

42. Members share their limitations and concerns with each other?
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
43. Members share their needs with each other
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
44. Members forgot their self-interest for the good of the group
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
45. Members reach decisions with ease and are satisfied with it
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
46. I attend all the meetings of the cooperative
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
47. I consider myself as active member of the cooperative
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
48. My leader has excellent leadership skills
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
49. Our leader is respected in the wider community
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
50. Cooperative leader has the biggest impact on how the cooperative looks like today
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
51. Cooperative leader always consult the members before important decision
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
52. Cooperative leader creates an atmosphere of trust in the cooperative
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree

53. Cooperative leader allows the members to express dissenting point of views
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree

Member Economic Participation

- a) Did you have to meet any conditions to join the cooperatives (e.g., share, volume of production, ownership of the land, type of production)? (yes, no)
 b) Which condition did you have to meet?
 a. Share Volume of production Ownership of land
 Type of production
 c) How much you had to invest after the entry of the cooperative?

- d) How much do you pay annual membership fee (or any annual contribution) (ZKW) ?.....

Education, Training and Information

- a. Access to information about good agricultural practices has improved over the last 3 years.
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
- b. Service from extension agents have improve over the last 3 years
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
- c. Access to relevant market information have improved over the last 3 years
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree
- d. Opportunity for further training has increased over the last 3 years
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree
 Strongly Agree
- e. You have better chance to mutually share experience with other farmers than 3 years ago
 Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree

Economic Benefits

Indicate your level of agreement or disagreement with these statements

54. The yield of your product (per hectare, beehive or animal) has increased in the last 3 year because of the membership in cooperative.

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

55. Your income has increased in the last 3 years because of the membership in cooperative

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

56. You are able to access higher quality inputs at a lower price over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

57. You receive higher price for your main product over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

58. You have now more business contacts than 3 years ago

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

59. Purchase of your products is now more secure and stable over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

60. You don't have to dedicate so much time to marketing and selling over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

61. You have reduction in the costs of production in the last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

62. You have better access to credit and saving services over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree

Partly Agree Strongly Agree

63. You have better access to process your production over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree
Partly Agree Strongly Agree

64. You have better access to storing of your production over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree
Partly Agree Strongly Agree

65. Your bargaining power on the market has improved over last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree
Partly Agree Strongly Agree

66. Service from input suppliers has improved over the last 3 years

Strongly Disagree Partly Agree Neither agree nor disagree
 Partly Agree Strongly Agree

Appendix II

SAMPLE PROTOCOL for FGD

PREAMBLE

Hello, I am Anna Beránková. I will be your group discussion leader today. //My college from Ministry of Agriculture will lead today's discussion and translate my questions and your answers. // I am a student at the Czech University of Lifesciences in Prague. My college from Ministry of Agriculture will translate my questions and your answers. We are glad that you came today to share with us your experiences and your thoughts.

The topic today is your membership in your agricultural cooperatives. You have been selected because you represent different households, social groups and because you volunteered. The information gathered in these focus groups will be used to better understand our questionnaire survey, which is conducted in the same area. The goal is to obtain different personal experiences from members of agricultural cooperatives, which will better describe how this movement works in everyday life.

In a group interview like this it is really important that you express yourself openly. There are no right or wrong answers. We want to know what you think. We have decided to take notes on the notebook and record the discussion on mobile phone to eliminate loss of data during the discussion. We will not record your names or any personal descriptions in our report that could lead to your identification.

Because I am taking notes and discussion is recorded, I may remind you occasionally to speak up and talk one at a time so we can hear you clearly. I am your guide in this discussion, but I want the discussion to flow freely among you—let's have lots of debate. Again, we are very pleased that you have taken the time to share your ideas with us.

I. INTRODUCTIONS

Let's start by asking each of you to very briefly introduce yourself -- name, years of membership in agricultural cooperative and position in the cooperative

II. PART I

Key Question: What was your motivation to join the cooperative?

III. Part II

Key Question: How has your membership in cooperative affected your family?

Sub-questions: What were the constraints you were suffering before and after joining the cooperative you were able to solve it or at least reduce it?

IV. PART III

Key Question: Do you remember any situation when you felt discriminated or you felt you are not equal to other female/male members in cooperative? Can you describe it?

Sub-questions: How has your position in cooperative changed during your membership?

V. PART IV

Key Question: What kind of changes has your participation brought to your personal life?

Sub-questions: What is the best thing on being part of cooperative?

VI. PART V

Key Question: How do you see your future in cooperative?

Sub-questions: If you plan to stay, what goals would you like to achieve? What position in cooperative do you plan or intend to reach?

VII. CLOSURE

1. Is there anything else you would like to share with us and have not yet?
2. Any other ideas or question?

Thank you for your time and experiences!