

WUA Member Water Users Survey Questionnaire

Data will be used for statistical analysis only and will be treated confidentially.

Questionnaire Identification No.:

--	--	--	--	--	--

Marz:

<i>Name</i>	Code of Marz
-------------	--------------

Rural Community:

<i>Name</i>	Code of Community
-------------	-------------------

Water Users Association:

<i>Name</i>	Code of WUA
-------------	-------------

Location of Community Relative to the Irrigation Main Canal:

1. Head
2. Middle
3. Tail

Availability of Signed Contract with WUA (according to WUA Records):

1. Yes
2. No

Contract number, if "Yes"

Sampling Unit:

1. Primary Sampling Unit
2. Additional Sampling Unit

Was the h/h interviewed in 2009?

1. Yes
2. No

Interviewer:

<i>Name, Surname</i>	Interviewer's ID
----------------------	------------------

Supervisor:

<i>Name, Surname</i>	/ / <i>Signature</i>
----------------------	-------------------------

Date of Interview:

				2	0	1	0
<i>Day (dd)</i>		<i>Month (mm)</i>		<i>Year (yyyy)</i>			

To Interviewer: Please code any question refused to be answered by respondent by "999", any answer like "I do not know" - by "998", and "Difficult to answer" by 997.

SECTION A. KEY CHARACTERISTICS OF HOUSEHOLD

A.1. Number of members of the household:

--

To interviewer: Please read the following text - "Please list members of your household both present and absent. By saying a household we mean people who usually live together, share the same housekeeping and have a common budget. At first, please mention the head of the household (irrespective of being absent or present), then his spouse, their children and other members of the household (excluding guests)".

Interviewer: Please register answers to the question A.2, in the row A.2. If the head of the household is absent and/or can not answer the questions for some reason, then the questions to be addressed to and answered by an adult member of the household who makes decisions.

To interviewer: Please circle the number in the list corresponding to that member of the household who will answer the major part of the questions.																															
ID of household member	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.																														
Name of the household member (to facilitate further work by the interviewer)																															
A.2. Relationship with the head of the household:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">1. Head</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr style="background-color: #e0e0e0;"> <td style="text-align: left;"><i>Possible options:</i></td> <td>2. Spouse/Husband 3. Son/Daughter</td> <td>4. Brother/Sister 5. Grandchild</td> <td>6. Son-in-law/Daughter-in-low 7. Father/Mother/Father-in-low/Mother-in-low</td> <td>8. Other relative 9. Other person non-relative to household head</td> <td colspan="10"></td> </tr> </table>	1. Head															<i>Possible options:</i>	2. Spouse/Husband 3. Son/Daughter	4. Brother/Sister 5. Grandchild	6. Son-in-law/Daughter-in-low 7. Father/Mother/Father-in-low/Mother-in-low	8. Other relative 9. Other person non-relative to household head										
1. Head																															
<i>Possible options:</i>	2. Spouse/Husband 3. Son/Daughter	4. Brother/Sister 5. Grandchild	6. Son-in-law/Daughter-in-low 7. Father/Mother/Father-in-low/Mother-in-low	8. Other relative 9. Other person non-relative to household head																											
A.3. Gender: 1. Male 2. Female																															
A.4. Year of birth (four-digit number):																															
A.5. Educational attainment (for persons born in 2000 or earlier):	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Higher and/or post graduate 2. Incomplete higher 3. Secondary special</td> <td>4. Primary vocational 5. Secondary general 6. Incomplete secondary general</td> <td>7. Basic general 8. Primary 9. None</td> <td colspan="11"></td> </tr> </table>	<i>Possible options:</i>	1. Higher and/or post graduate 2. Incomplete higher 3. Secondary special	4. Primary vocational 5. Secondary general 6. Incomplete secondary general	7. Basic general 8. Primary 9. None																										
<i>Possible options:</i>	1. Higher and/or post graduate 2. Incomplete higher 3. Secondary special	4. Primary vocational 5. Secondary general 6. Incomplete secondary general	7. Basic general 8. Primary 9. None																												
A.6. Number of months not lived in the household during the preceding 12 months:	If less than 3 months ⇒ A.9.																														
A.7. The main reason for absence:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Work 2. Education</td> <td>3. Family/personal reasons 4. Permanent residence</td> <td>5. Guest 6. Newborn</td> <td>7. Other</td> <td colspan="10"></td> </tr> </table>	<i>Possible options:</i>	1. Work 2. Education	3. Family/personal reasons 4. Permanent residence	5. Guest 6. Newborn	7. Other																									
<i>Possible options:</i>	1. Work 2. Education	3. Family/personal reasons 4. Permanent residence	5. Guest 6. Newborn	7. Other																											
A.8. Where did/does she/he live when absent?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Yerevan city 2. Other city in Armenia</td> <td>3. Other village in Armenia 4. Russia or other CIS country</td> <td>5. Other country 6. Other</td> <td colspan="11"></td> </tr> </table>	<i>Possible options:</i>	1. Yerevan city 2. Other city in Armenia	3. Other village in Armenia 4. Russia or other CIS country	5. Other country 6. Other																										
<i>Possible options:</i>	1. Yerevan city 2. Other city in Armenia	3. Other village in Armenia 4. Russia or other CIS country	5. Other country 6. Other																												
A.9. Does she/he currently live within the household?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Yes</td> <td>2. No</td> <td colspan="12"></td> </tr> </table>	<i>Possible options:</i>	1. Yes	2. No																											
<i>Possible options:</i>	1. Yes	2. No																													
A.10. Does she/he involved in agricultural works? (for persons born in 1995 or earlier)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Yes, fully</td> <td>2. Yes, partially</td> <td>3. No ⇒ A.12.</td> <td colspan="12"></td> </tr> </table>	<i>Possible options:</i>	1. Yes, fully	2. Yes, partially	3. No ⇒ A.12.																										
<i>Possible options:</i>	1. Yes, fully	2. Yes, partially	3. No ⇒ A.12.																												
A.11. What is the typical activity she/he mainly involved in?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Fieldwork 2. Truck farming 3. Operating machinery</td> <td>4. Cattle-breeding 5. Poultry 6. Marketing</td> <td>7. Gardening 8. Other 9. All mentioned-above</td> <td colspan="11"></td> </tr> </table>	<i>Possible options:</i>	1. Fieldwork 2. Truck farming 3. Operating machinery	4. Cattle-breeding 5. Poultry 6. Marketing	7. Gardening 8. Other 9. All mentioned-above																										
<i>Possible options:</i>	1. Fieldwork 2. Truck farming 3. Operating machinery	4. Cattle-breeding 5. Poultry 6. Marketing	7. Gardening 8. Other 9. All mentioned-above																												
A.12. Socio-economic status of household member (for persons born in 2004 or earlier):	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;"><i>Possible options:</i></td> <td>1. Salaried worker in agriculture 2. Salaried worker in other sector 3. Self-employed in agriculture 4. Self-employed in non-agricultural sector</td> <td>5. Entrepreneur/employer 6. Pensioner 7. Student 8. Unemployed</td> <td>9. Housekeeper 10. Disabled 11. Other</td> <td colspan="11"></td> </tr> </table>	<i>Possible options:</i>	1. Salaried worker in agriculture 2. Salaried worker in other sector 3. Self-employed in agriculture 4. Self-employed in non-agricultural sector	5. Entrepreneur/employer 6. Pensioner 7. Student 8. Unemployed	9. Housekeeper 10. Disabled 11. Other																										
<i>Possible options:</i>	1. Salaried worker in agriculture 2. Salaried worker in other sector 3. Self-employed in agriculture 4. Self-employed in non-agricultural sector	5. Entrepreneur/employer 6. Pensioner 7. Student 8. Unemployed	9. Housekeeper 10. Disabled 11. Other																												
ID of household member	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.																														

SECTION E. LAND OWNERSHIP AND LAND USE

E.1. What is total area of agricultural land currently owned and/or rented by your household (including the rented out land), and what is the distribution of agricultural land currently available to your household by type of ownership and in terms of actual use during the last agricultural season (i.e. 2010, including winter cropping for 2009)?

	Agricultural land	Total (ha)	Of which:				
			Own land		Rented land		Other land in use (ha)
			Total (ha)	of which: actually cultivated in 2010 (ha)	Total (ha)	of which: actually cultivated in 2010 (ha)	
	1	2	3	4	5	6	
1.	Total, of which:						
2.	Rented out			X	X	X	X
3.	Arable land						
4.	Orchards						
5.	Vineyards						
6.	Kitchen plot						
7.	Other						

E.2. What is (are) the main reason (s) for not cultivating the available agricultural land?

To interviewer: This question is asked only to those households for which in the row corresponding to totals in table E1 (row 1) one of the following conditions are satisfied:

- a) Value in cell (column) 3 is less than the value in cell (column) 2; or
- b) Value in cell (column) 5 is less than the value in cell (column) 4.
- c) Both cases mentioned above

INTERVIEWER: 3 answers are possible

1. Land is located too far
2. Poor quality of land
3. Issues related to irrigation
4. It is not profitable to cultivate
5. Too expensive to cultivate
6. Health/age conditions
7. Lack of labor
8. Left it for rest
9. Other (specify) _____

1st	
2nd	
3rd	

E.3. What is the number of land plots used by your household during this agricultural season?

To interviewer: Please input number of land plots in corresponding cells.

1. Total, of which:	
2. Own land	
3. Rented land	
4. Other land in use	

E.4. What was the land area available to your household in 2009 by type of land?

To interviewer: If there was no land available to household in 2009 please enter "0" in cells corresponding to "Total" and end the data collection for this table.

	Total agricultural and area available in 2009, ha	of which: actually cultivated ha
	1	2
1. Total, of which:		
2. Rented out		X
3. Arable land		
4. Orchards		
5. Vineyards		
6. Kitchen plots		
7. Other		

SECTION B. IRRIGATION AND WATER USE

B.1. What is total area of agricultural land owned and/or rented by your household (here: with the exemption of rented out land), how it was distributed by land category and how it was irrigated during the last agricultural season (i.e. 2010)?

	Land area, total (ha)	including:			How many times it was irrigated/ watered by irrigation water during 2010?
		Land that is possible to irrigate by water supplied by irrigation network (irrigation water) (ha)	Land area actually watered/irrigated in 2010 (ha)	of which: by irrigation water (ha)	
	1	2	3	4	5
1. Total					X
<i>of which:</i>					
2. Arable land					
3. Orchards					
4. Vineyards					
5. Kitchen plot					
6. Other					

To interviewer: If B1.2.=B1.4 ⇒ B.3_a.

B.2. If your land (own and/or rented) or part of it has not been irrigated by irrigation water during the last agricultural season (i.e. 2010), then what is the main reason for that?

1. Cannot pay for irrigation
2. Over-normative land
3. Water does not reach my farm due to technical reasons
4. Water does not reach my farm due to organizational/managerial reasons
5. No need for irrigation due to climatic conditions
6. Those lands have not been cultivated
7. Those lands were irrigated by the water from the other sources (natural sources, collected rain water, drinking water, own artesian or tube well, etc.)
8. Other (please indicate) _____

B.3_a. What were the main 2 sources of the irrigation of your own and rented lands in 2010 season?

1. The water supplied by the centralized irrigation system
2. Drinking water
3. Water from the tube well owned and operated by your h/h or a group of h/hs
4. Water from the artesian well owned and operated by your h/h or a group of h/hs
5. Water from the natural sources or collected rainwater
6. Other (please indicate) _____

To Interviewer: 2 answers are possible, ranked in accordance with their importance

<i>1st</i>	
<i>2nd</i>	

B.3. What are the sources of irrigation used by you 2010?		Type of land	Did you irrigate by using...?			
			Irrigation water	Drinking water	Tube well/ artesian well water	Natural sources (rivers, lakes, etc)
			1.	2.	3.	4.
<i>To interviewer: If answer is "Yes", then put "1" in the corresponding field.</i>	1.	Arable land				
	2.	Orchards				
	3.	Vineyards				
	4.	Kitchen plot				
	5.	Other				

B.4. Do/did you use the following irrigation practices (methods) during 2010 (the last agricultural season)?

	Irrigation methods	1. Yes, 2. No
1.	Surface irrigation	
2.	Drip irrigation	
3.	Sprinkling/micro-sprinkling	
4.	Other (please indicate) _____	

B.5. In 2010, compared to 2009, how the share/proportion of land actually irrigated by irrigation water has changed?

- | | |
|--------------------------|---|
| 1. Increased essentially | 4. Decreased slightly |
| 2. Increased slightly | 5. Decreased essentially |
| 3. Remained unchanged | 6. Didn't use the irrigation system water in 2009 and 2010 ⇒ B.14. |

To interviewer: Q-B5 to be answered by those households which had agricultural land in 2009.

B.6. How the irrigation water supply is changed during 2010 compared to 2009?

1. Irrigation improved in terms of timeliness only
2. Irrigation improved in terms of quantity only
3. Improved both quantity and timeliness of irrigation
4. Remained unchanged
5. Irrigation deteriorated in terms of timeliness only
6. Irrigation water supply deteriorated in terms of water quantity only
7. Irrigation water supply deteriorated both in terms of timeliness and quantity

To interviewer: Q-B6 to be answered by those households which had agricultural land in 2009.

B.7. Did you pay for irrigation water supplied during current agricultural season?

1. Yes, fully
2. Yes, partially
3. No ⇒ **B.9.**

B.8. How much did you pay? ('000 drams)

B.9. If you paid for irrigation partially or did not pay at all, what was the main reason for that?

1. I did not receive as much water as I needed
2. I did not receive the irrigation water on time
3. I did not receive irrigation water neither in quantity required nor on time
4. I do not know/I do not agree with how the fee is calculated
5. I cannot pay, I do not have enough money for that
6. I do not trust the supplier
7. Other (please specify) _____

B.10. What are the usual way and point of irrigation water charge payments?

1. Money transfer at post office and/or commercial bank
2. Cash payment to the WUA officer directly on-farm/home
3. In-kind payment to the WUA officer directly on-farm/home or at the WUA office
4. Cash payment at the WUA office
5. Other (please specify) _____

B.11. Do you have payment arrears on irrigation water charges accumulated during the previous years?

1. Yes
2. No
3. Do not know ⇒ **B.13.**

B.12. What is the total amount of previously accumulated arrears on irrigation water charges? ('000 drams)

B.13. Can you please estimate the quantity of irrigation water that you used during this agricultural season?

To interviewer: Please code it with 998, if respondent cannot provide with an estimate

B.14. Did you make additional expenses related to irrigation during this season?

1. Yes
2. No ⇒ **B.16.**

B.15. If yes, then how much? ('000 drams)

B.16. Was your village irrigation system repaired/rehabilitated during 2010 and by whom (if applicable)?

Options for answer.
1. Yes, 2. No, 3. I do not know

1. By farmers themselves	
2. By village municipal administration	
3. By Water Users Association	
4. By the Central Government	
5. By the MCA-Armenia	
6. Other (please specify)	

B.17. How you would evaluate the current condition of the irrigation system in your village?

1. Very good
 2. Good
 3. Satisfactory
 4. Poor
 5. Very poor
- ⇒ **B.19.**

B.18. What are the main problems of the irrigation system in your village? <i>To interviewer: It is allowed to select up to three options from the list. Please record the answers in the 1st, 2nd and 3rd cells ranking them in descending order of significance.</i>	1. Poor condition of main canals	1st	
	2. Non-existence/lack of tertiary canals in the village	2nd	
	3. Poor condition of tertiary canal network in the village; water losses	3rd	
	4. Poor condition of tube well pumps		
	5. Poor condition of artesian wells (obstruction)		
	6. Poor condition of pumping stations/pumps		
	7. The absence of precisely designed water delivery schedule in the village		
	8. Bad operational performance of water supply organization		
	9. Other (please specify) _____		

B.19. Did you have any loss in yield due to insufficient/non-reliable irrigation water supply in the last agricultural season (i.e. 2010)?

1. Yes	⇒ Section C	
2. No		

B.20. If yes, please estimate the quantity of the lost yield (in kilograms) due to insufficient/non-reliable irrigation water supply in the last agricultural season (i.e. 2010)?

1.	Grains	
2.	Beans	
3.	Potato	
4.	Vegetables	
5.	Melons, water melons	
6.	Grapes	
7.	Fruits and berries	
8.	Fodder crops	
9.	Other (please specify)	

SECTION C. COOPERATION WITH WUA

C.1. Do you know what organization is supplying irrigation water in your village?

1. Yes, the WUA	
2. Yes, village municipal administration	
3. Yes, state-owned organization	
4. Yes, private organization	
5. I do not know	

C.2. Are you a member of the Water Users Association?

1. Yes	⇒ C.5.	
2. I do not know		
3. No		

C.3. Are you paying WUA membership fees?

1. Yes	⇒ C.6.	
2. No		
3. I do not know		

C.4. What is annual amount of WUA membership fees? (drams)

	⇒ C.6.

C.5. What is the reason not being a WUA member?

1. There is no WUA operating in our village	
2. Our village is in WUA service area, but I do not know how to become a member	
3. I did not know about possibility of becoming a WUA member	
4. I do not want	
5. I do not use water provided by the irrigation system ⇒ Section D	
5. Other (please specify) _____	

C.6. Did you ever sign water supply contract?

1. Yes and currently we have/we had in the past one contract in our household	⇒ C.10.	
2. Yes and currently we have/we had in the past more than one contract in our household		
3. No		
4. I do not know		

C.7. When did you sign the contract last time (please specify the year)?

To interviewer: Please input four-digit number.

--

C.8. What is the timing (duration) of the contract? *To interviewer: Please input number of years.*

--

C.9. What is the planned amount of the water supply (in cubic meters) for 2010, according to the contract you have signed with WUA?

--

To interviewer: Q-C9 to be answered by those households only for which sum of answers for Q-C7 and Q-C8 is greater or equal than 2010.

C.10. What do you think how the irrigation water charges are established (defined)?

1. Based on volume of irrigation water consumed	
2. Based on size of irrigated area	⇒ C.12.
3. According to quality/type of irrigated land	⇒ C.13.
4. According to type of crops cultivated	⇒ C.13.
5. I do not know	⇒ C.13.

--

C.11. What is the size of irrigation water charge per cubic meter of water supplied?

(Drams) ⇒ C.13.

C.12. What is the size of irrigation water charge (in drams) per hectare of irrigated area in total or by crop?.

1. In total
2. Grains
3. Orchards
4. Vineyards
5. Vegetables
6. Melons, water melons
7. Other crops

To interviewer: If the respondent answers selecting the option "In total", then please complete only the corresponding cell. If the option "in total" is not applicable, then input 997 in corresponding cell and try to get answers by crop.

C.13. What do you think, did you receive irrigation water when you needed during the last season (i.e. 2010)?

1. Yes
2. No

--

C.14. What do you think, did you receive as much irrigation water as you needed during the last season (i.e. 2010)?

1. Yes
2. No

--

C.15. Have you ever had any dispute with the WUA?

1. Yes
2. No

⇒ C.18.

--

C.16. If yes, what was the reason?

1. The irrigation water charges to be paid were more than the amount corresponding to actually supplied irrigation water
2. I have not received irrigation water on time
3. I have not received irrigation water in the required quantity
4. I had previously accumulated arrears on irrigation water supplied
5. Other (please specify)

--

C.17. How the dispute has been resolved?

1. In the court
2. In the WUA dispute resolution commission
3. Has not been solved
4. Other

--

C.18. Does any member of your household participate in the WUA management at any level?

1. Yes, as a sub-service area representative
2. Yes, as a member of the WUA Administrative Council
3. Yes, represented in other management structures of the WUA
4. No
5. I do not know

--

C.19. Please evaluate the operation of the WUA in your area (village) in the listed aspects:

- | | |
|---|--|
| 1. Adequacy and fairness of irrigation water distribution | |
| 2. Irrigation system O&M/repairs | |
| 3. Collection of irrigation water charges | |
| 4. Defense of WUA members' interests | |

Options for answerers:

- | | | |
|--------------|-----------------|------------------------|
| 1. Very good | 3. Satisfactory | 5. Very poor |
| 2. Good | 4. Poor | 6. Difficult to answer |

--

C.20. Have you ever participated to any meeting organized by the WUA? 1. Yes
2. No ⇒ C.22.

C.21. If yes, when it happen last time? (please input four-digit number indicating the year)
⇒ C.23.

C.22. What is the reason for not participating?

- 1. I have not been informed about the meeting
- 2. There no such meeting (s) organized)
- 3. I had no willingness to participate
- 4. I have not been able to participate
- 5. Other (please specify)

C.23. Does you village has a representative in the WUA? 1. Yes
2. No ⇒ Section D
3. I do not know

C.24. Have you participated in the election of the representative? 1. Yes ⇒ C.26.
2. No

C.25. What is the reason for not participation in the elections?

- 1. I have not been informed about the election of a representative
- 2. There were no such elections
- 3. I had no willingness to participate
- 4. I have not been able to participate
- 5. Other (please specify)

C.26. Do you contact your representative to inform him/her about the issues related to irrigation services you have, to communicate this to the WUA management?

- 1. Yes, very often
- 2. Yes, rare
- 3. No, there was no need
- 4. No, I do not know how to do it

⇒ Section D

C.27. To what extent are you satisfied with the work performed by your representative?

- 1. Completely
- 2. Partially
- 3. Not satisfied at all
- 4. Difficult to answer

SECTION D. AGRICULTURAL PRODUCTION

D.1. What type of crops did you cultivate and what was the yield during 2010 (including winter crops from 2009)?

<i>To interviewer: Please record all crops, including those cultivated on the double cropped area and on area cultivated more than one time in the season. If, for instance, the same area is cropped more than once, then total area under the particular crop to be adjusted (enlarged) accordingly.</i>	Land area (ha)		Yield (kg)		Of which:		
	Total	of which: actually irrigated	Total	of which: from actually irrigated land	Consumed (or to be consumed) for own needs or for the farming purposes	Sold (or assumed to be sold) or bartered (or assumed to be bartered)	
						Quantity (kg)	000' drams
Crops	1	2	3	4	5	6	7
1. Grains							
<i>of which:</i>							
2. Wheat							
3. Barley							
4. Other							
5. Beans							
6. Potato							
7. Vegetables							
<i>of which:</i>							
8. Tomato							
9. Cucumber							
10. Egg-plant							
11. Cabbage							
12. Onion							
13. Other vegetables							
14. Water melons and melons							
15. Grapes							

16.	Fruits							
	<i>of which:</i>							
17.	Apple							
18.	Peach							
19.	Apricot							
20.	Cherry							
21.	Other fruits							
22.	Berries							
23.	Fodder crops							
24.	Greens (tufts)							
25.	Tobacco							
26.	Flowers (Ñ³i)							

D.2. Are there essential changes in the structure of your production in 2010 compared to the structure of crop production in 2009?

1. Yes

2. No ⇒ D.4.

D.3. What are the major changes by type of crop?		What are the changes happened? 1. Land area increased 2. Land area decreased 3. Was not produced in 2009, but has been produced in 2010 4. Was produced in 2009, has not been produced in 2010 5. Has not been produced both in 2009 and 2010 ⇒ D.4. 6. No changes ⇒ D.4.	What is (are) the major cause(s) for change (selection of three options is possible)?		
			1. Improved irrigation 2. Lack of irrigation 3. Marketing difficulties 4. Easy marketing 5. Climate conditions	6. Government subsidies 7. High profitability 8. Low profitability 9. Other	The first
Type of crop		1	2	3	4
1.	Grains				
2.	Beans				
3.	Potato				
4.	Vegetables				
5.	Melons, water melons				
6.	Grapes				
7.	Fruits/berries				
8.	Fodder crops				
9.	Tobacco				
10.	Flowers				

D.4. Has your household currently involved in cattle breeding?

1. Yes

2. No ⇒ END

D.5. How many animals do you currently have?	1	Cattle	Available livestock (heads)
		of which:	X
	2	Cows	
	3	Pigs	
	4	Sheep and goats	
	5	Poultry	
	6	Other	
	7	Families of bees	

