Interviewer Code	Questionnaire is valid Coordinator's signature

QUESTIONNAIRE No

Hello, my name is **(First name, last name):** I represent AREG SCYA NGO, which implements Farming practices survey in the RA marzes by the order of "Millennium Challenge Account-Armenia". The survey data will be used only in a summarized form and will greatly contribute to the elaboration of projects directed to the agricultural development in Armenia. Your reliable answers are very important for us.

1. **Date /day.month.year/:** _____

2. **Marz code:** _____

3. **Village code:_____**

4. **Start time /hh:mm/:** _____

5. **Village Mayor's Name /First Name, Last Name/**
   _____

6. **Village Mayor's contacts:**
   Work phone (code+number)_____
   Mobile (code+number)_____

7. **Position of respondents in the community and year of working in that position***:/check for all participants/*

Position	Years of work
1. Village Mayor	
2. Assistant to Mayor	
3. Other staff member: (specify)	

8. **When was the Village Mayor elected?** *(if reelected, ask for the first time)*_____

A. VILLAGE GENERAL INFORMATION

A1. Total number of households permanently living in the community (from Jan1 2008): _____

A2.How many (or proportion) of those households: *Write down the numbers or percentage and specify.*
1. Farm as their main occupation _____
2. Farm at all _____
3. Do not farm at all _____

A3. What was the maximum size of land per person stated during the privatization? _____sq.m

A4. How much is the area of land under cultivation in the community _____ha?

A5. Please, list the five most common crops grown by farmers in your village. and for each of those crops: *To the Interviewer: Use Card 1 to fill in the table and fill the numbers in fixed format.*

No	Item (*Write down Code using the Card 1*)	Number of hectares under cultivation in ha	Total amount harvested during last agricultural season (Using units specified in Card1)	% of sold or burtered	Where is it sold? 1.in the village 2. in the nearby city 3. in the marz center 4. in Yerevan 5. to organizations 6. Other
	1	2	3	4	5
1.					
2.					
3.					
4.					
5.					

A6. Approximately what percent of arable land in your village is watered using the following sources as their main way to irrigate/water crops:

Watering patterns	Percentage
1. Irrigation water (pipeline/canal)	
2. Deep or other well or drinking water (pipeline)	
3. Exclusively natural sources, rivers/ rain water	

A7. Did most of your community receive as much water as needed during last agricultural season (2008)?
1. Yes
2. No

A8. Did most of your community receive water when needed during last agricultural season (2008)?
1. Yes
2. No

A9. What proportion of arable land is
1. cultivated in your village? _____%
2. irrigated/watered in your village? _____%

A10. What is approximate number of livestock available in the village?

N	Item	Available livestock
1	Cow	
2	Pig	
3	Sheep and goat	

A11. How much of the following agricultural equipment is available in the village?

No	Equipment	Number
1	Trucks and Tractors	
2	Combine	
3	Seed planter	

B. QUESTIONS TO ASK IN CONTROL VILLAGES ONLY

B1. Have there been training programs in water management available to farmers in your village in the past 12 months?
1. Yes
2. No

B2. Have there been training programs in cultivation of high-value crops available to farmers in your village in the past 12 months?
1. Yes
2. No

Go to section D.

C. QUESTIONS TO ASK IN TREATMENT VILLAGES ONLY

C1. How many trainings happened in your village during last year? _____ (if 0, Go to section D)

C2. Of them how many trainings happened on:

Types of trainings	Number
1. water management *(if 0, Don't read C7-C10)*	
2. high value agriculture *(if 0, Don't read C11-C14)*	

C3. How interested have farmers in your villages been in the training programs offered by ACDI/VISTAA?
1. very interested *(Don't read C5)*
2. somewhat interested *(Don't read C5)*
3. not interested at all *(then=>C5)*
4. Don't know *(then=>C6)*

C4. If very interested or somewhat interested, what are the main reasons?
1. Want to learn more about water management
2. Want to learn more about cultivating high-value crops
3. Want to be eligible for credit programs
4. Just for fun
5. Other (specify)_____

C5. *(Ask, only if option 3 in C3 was checked)***If not interested, why not?**
1. Not applicable
2. Coincides with the busy agricultural season
3. Not well advertised
4. No time to attend
5. Other (specify)_____-

C6. How have the trainers identified and recruited program participants?
1. by themselves using specific objective criteria
2. involving the village mayor and using specific objective criteria
3. by independent efforts of the village mayor
4. other

C7. What is your perception of farmers' satisfaction with the water management training?
1. fully satisfied
2. mostly satisfied
3. mostly unsatisfied
4. fully unsatisfied

C8. Has training changed farmers' water management practices?
1. Yes (Don't read C10)
2. No (then=>C10)

C9. If yes, what are the key changes? (all that apply)
1. Appropriate preparation of irrigated land for irrigation (cleaning the land from stones, slope verification, weeding, etc)
2. Verifying/modifying furrow geometric parameters (length, depth, width)
3. Have lined the ditch with polyethylene
4. Siphons
5. Plastic or metal dams
6. Gated pipes
7. Spiles with gates
8. Hydrants
9. Sprinkler irrigation
10. Micro sprinkler irrigation
11. Drip irrigation
12. Soil moisture measurement device (watermark, tensiometer or other)
13. ET gage
14. Water metering at the beginning of the land plot (YAGYUS or V-notch)
15. other (specify)_____

C10. *(Ask, only if option 2 in C8 was checked)***If not, why not? (all that apply)**
1. No resources
2. Training was conducted when agricultural season was over
3. Distance from the suppliers
4. Too expensive
5. Not knowing where to find supplies
6. No confidence that they will result in paying less for saved water
7. Doubts about the utility of these methods
8. Other (specify) _____

C11. What is your perception of farmers' satisfaction with the high value agriculture training?
1. fully satisfied
2. mostly satisfied
3. mostly unsatisfied
4. fully unsatisfied

C12. Has training changed farmers' agricultural practices?
1. Yes (Don't ask C14)
2. No (then=>C14)

C13. If yes, what are the changes? (all that apply)
1. Used high quality seeds and seedlings
2. Received more than one yield per year in open field
3. Performed mixed planting
4. Used plastic greenhouse or plastic tunnel to change the time of the yield
5. Planted dwarf root stock or trees
6. Cultivated non-traditional vegetables
7. Improved the land preparation practice before cultivation
8. Improved the land preparation practice after cultivation
9. Improved cultivation practices for perennial seedlings
10. Did not use pesticides/herbicides banned in the RA
11. Kept the pesticides/herbicides in a separate place
12. Wore protecting means while working with pesticides/herbicides (glove, eyeglasses, etc)
13. Have used organic inputs for fertilizers and pesticides
14. Other (specify)

C14. *(Ask, only if option 2 in C12 was checked)***If not, why not? (all that apply)**
1. No resources
2. Training was conducted when agricultural season was over
3. Difficulties with sales markets
4. Distance from the suppliers
5. Too expensive
6. Not knowing where to find supplies
7. Doubts about the utility of these methods
8. Other (specify)_____

D. CHALLENGES AND ACCOMPLISHMENTS

D1. What are priorities of your village development strategy?

1._____

_____

2._____

_____

3._____

_____

D2. What were the main accomplishments of your village for last 3 years?

1._____

_____

2._____

_____

3._____

_____

D3. What are the main agricultural challenges that farmers in your village are facing? (all that apply)
1. Weather
2. Lack of water/poor irrigation
3. Lack of Seeds and Seedlings
4. Lack of pesticides and Fertilizers
5. Lack of technologies, equipment
6. Lack of new methods
7. Lack of labor
8. Access to training
9. Lack of markets
10. other(specify)_____

THANK YOU FOR COLLABORATION

9. END time /hh:mm/: _____