

Project : Reducing the use of hazardous chemicals in developing countries: potential of implementing safer chemicals including non-chemical alternatives - tools for Georgia and the EECCA region"

Association "SEMA"

Questionnaire

1. what information do you have about different chemical means of plant protection (pesticides)?

2. What kind of mineral fertilizers do you use?

NPK NH4 Phosphor other (please specify)

3. Do you use pesticides/biocides at:

- work
- home (house or garden)
- farm

4. If you do not use pesticides, then how do you control pests or weeds

In the garden _____

At home _____

In the farm _____

5. What kind of chemical means of plant protection (pesticides) and for animals have you used in 2010, for which crops, pests /diseases, animals, and how much?

Product/trade name	Where did you buy it?	Dose applied/ha/application	Frequency Weekly/monthly	Which crop/animal being treated	Target/pest weed/disease	results

6. If there is pesticide left over, where is it disposed?

In yard in canalization in solid waste disposal other (please specify):

7. Where is the equipment washed?

At well at home Bathroom in the house Outside the yard
 Nearby River/lake Other (please specify)

8. Where does the residue from the washed equipment go?
 In canalization in Yard in River Other (please specify)

9. How many years have you been using pesticides?

11. Do you wear protective clothing when applying pesticides? _
 Yes No

If no, please pick one: _

- too expensive
- not available
- uncomfortable
- other (specify):

If yes, check one or more of the following:

- gloves
- overalls
- eye glasses
- respirator - how often do you change it ? _
- face mask
- boots/shoes
- long-sleeve shirt
- long pants
- other (specify):

12. Are there washing facilities (for your hands and body) where you apply the pesticides?
 Yes No

13. How did you apply them? Do you think this is the right manner?

- with hand pump with tractor with brush
- this is right this is not right

14. How do you store pesticides? Do you think this is the right manner?

- In their original containers In my own containers other (please specify)
- in my storage room in the house outside other (Please specify)

15. Are the pesticide containers used for other purposes afterwards?

- Yes No

If yes, what?

If yes, are you aware that you should not do this?

- Yes No

16. How are the containers or packages disposed of?

- Returned to company/distributor
- Thrown in open field
- Buried
- Burnt
- Put in rubbish/trash
- Other (specify)

17. From whom you receive consultations about the right use and storage of pesticides?

From retailer From consultancy services From neighbors Others
(please specify)

18. Are there agricultural consultation services in your district (city, village)?

Yes No

19. Are the service or advices by these consultation services available to you?

Yes No partly (explain)

20. Do you have any information about the old storehouses or landfills of chemical pesticides? Where are they?

Yes No

Location:

21. Do you have any information about the kinds and types of pesticides stored (either now or in the past) in the storehouse (on the landfill)?

yes No if yes, which ones:

22. Do you think these storehouses are/were properly protected?

Yes No

23. In your opinion, how harmful the chemical (synthetic) pesticides are for the environment and health? If yes, please specify

Not harmful moderately harmful Very harmful

Specify if harmful:

24. When using pesticides or being exposed to them have you experienced (check one or more of the following):

Dizziness Headache Blurred vision Excessive sweating
 Hand tremor Convulsion/Staggering Narrow pupils/miosis Excessive salivation
 Nausea/vomiting Sleeplessness/insomnia Difficulty breathing
 Skin rashes Diarrhoea Irregular heartbeat
 Other (specify)

25. If pesticides are used, who of the family takes the decision on the usage of the pesticides

Head of the family
 His wife
 His son
 Other, who?

26. Who carries out the application of the chemical/synthetic pesticides

Head of the family
 His wife
 His son
 Other, who?

25. Have you ever heard about alternative to synthetic pesticides

- bio pesticides (prepared out of plants)
- Organic farming
- Crop rotation
- Cultivating crop mixtures

26. Do you have information about pesticides prepared out of plants?

- yes
- no

If yes, please specify:

27. Have you ever used them and if yes, for which crop, for which pests or diseases?

Product/measure	Dose applied/ ha/ application	Frequency Weekly/monthly	Which crop/animal being treated	Target/pest weed/disease	Effect

28. Are bio-pesticides available to you and from where?

- yes
- no

If yes, from where do you obtain bio-pesticides?

- From local farmer service center
- From Tbilisi
- Other (specify)

29. What do you think about substituting the chemical pesticides with bio-pesticides?

- Good
- maybe
- No way
- Don't know

30. Do you have information about organic farming?

- Yes
- No

If yes, explain what does organic farming mean?

- no chemical fertilizers
- no chemical pesticides
- composting
- crop rotation
- intercropping
- other (please specify)

32. How many hectar do you cultivate?

31. Your opinion, wishes and advice:

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