

Date: \_\_\_\_\_ Location of agricultural land : Module \_\_\_\_\_  
 Irrigation section \_\_\_\_\_ State : \_\_\_\_\_ Municipality: \_\_\_\_\_

**CONFIDENTIAL**

The INFORMATION REQUESTED will have an EXCLUSIVE use for the INVESTIGATION, and the CONFIDENTIALITY of the same one is INSURED. However, you do not have to identify yourself or offer those data that you do not want to disclose. We thank you in advance for your invaluable COLLABORATION.

**• FARMER' DESCRIPTION**

1. Gender:  Male  Female
2. Age \_\_\_\_\_
3. Land tenure regime: Ejidal\* \_\_\_\_\_ Private property \_\_\_\_\_
4. Where does your agricultural training come from?  
 Agrarian experience  Agricultural professional-university training  Courses, conferences, workshops, etc.  
 Others education sources: \_\_\_\_\_
5. Legal personality  
 Individual farmer  Commercial society  Agricultural Association
6. What management regime of your agricultural property do you have?  
 I am the owner  I am an owner's family without salary  I'm a salaried family of the owner  
 I am a tenant or associate  I am a salaried person
7. Members in the home: \_\_\_\_\_ Members
8. With you, how many generations of your family have been dedicated to agriculture? \_\_\_\_\_ generations
9. In what year was your agricultural property created? \_\_\_\_\_
10. From what year is responsible for this agricultural property? From the year: \_\_\_\_\_
11. Do you belong to an agricultural association?  
 Yes  No

**• FARMS AND MAIN CROP ACTIVITIES (SURFACE AND WATER USE)**

12. Of the total income in your home / family, what percentage of it comes from agriculture? \_\_\_\_\_%.
13. Do you have a credit for farming activity (not exclusively for cultivation)?  
 Yes  No
14. What purpose does the credit has?  
 To operate \_\_\_\_\_ value in \$  
 To invest \_\_\_\_\_ value in \$
15. Do you receive any help, subsidies/s linked to your agricultural activity?  Yes  No (go to question 17)
16. What is the purpose of the aid received?  
 To covering operating expenses  
 For investment in equipment  
 For agricultural improvement of land  
 To cover other expenses \_\_\_\_\_
17. Do you currently have any kind of agricultural insurance?  
 Yes  No
18. On a scale of 0 to 10 (0 = low quality, 10 = high quality), how do you consider the quality of the soil in your farm?
19. How many soils analyzes do you perform each year on your farm? \_\_\_\_\_ by year?
20. Distribution of the surface of the agricultural land:  
 Total area \_\_\_\_\_ ha.  
 Agricultural Area used \_\_\_\_\_ ha.
21. Do you have problems with water availability in your farm?  Yes  No
22. Do you have experience in water collection systems? (ponds, dams)  Yes  No
23. What type farming system do you use?  
 Irrigation cultivation \_\_\_\_\_ ha.  
 Temporary cultivation \_\_\_\_\_ ha. (go to question 25)
24. What type of irrigation do you use on the farm?  
 Irrigation by gravity  
 Sprinkler irrigation

- Mechanized Irrigation by gravity.
- Drip irrigation / localized

25. What is the method of harvesting your crops?

- Manual
- Mechanic

26. From 0 to 10 indicate which aspects should be improved on your agricultural activity (0 = No required at all, 10 = absolutely required)

- \_\_\_\_\_ The commercialization of my crops
- \_\_\_\_\_ The fight against diseases or pests
- \_\_\_\_\_ The choice of crops
- \_\_\_\_\_ The quality of the soil
- \_\_\_\_\_ The type of tillage
- \_\_\_\_\_ The use of efficient irrigation techniques

**• AGRICULTURAL PRODUCTION**

**SURFACE, INCOME AND JOBS GENERATED BY CULTIVATION**

CROPS	Area	Production	Price	Entry	Irrigation	Vol. water	Numbers of workers			
	(Ha)	(tons/Ha)	(\$/t)	(\$/Ha)	No/He/Cycle	(m <sup>3</sup> /Ha)	Permanent		Temporary	
							Family	Contract	Family	Contract
1.										
2.										
3.										
4.										
5.										

**• FARMERS' ENVIRONMENTAL ATTITUDES AND OPINIONS (NEP)**

27. On a scale of 1 to 9, please indicate your degree of agreement or disagreement with the following statements (write a number between 1 and 9)

Absolutely disagree	Strongly disagree	Moderately disagree	Slightly disagree	Neutral	Slightly agree	Moderately agree	Strongly agree	Absolutely agree	
1	2	3	4	5	6	7	8	9	
A global ecological crisis is exaggerated									___
The balance of nature supports the impact of industrialized countries									___
Humans may be able to control nature									___
Human ingenuity ensures that the earth is not uninhabitable									___
Humans were created to dominate the rest of nature									___
Humans have the right to modify the environment to adapt it to their needs									___
The interference of the human being in nature has disastrous consequences									___
Plants and animals have the same right to exist as human beings									___
The human being seriously abuses the environment									___
The balance of nature is delicate and easily alterable									___
If things continue as they have been, we will soon experience a great ecological catastrophe									___
We are approaching the limit number of people that the earth can hold									___
The earth has limited resources									___
Despite our special abilities, human beings are still subject to the laws of nature									___
The land has abundant resources, we just have to learn how to exploit them									___
Sustainable development needs a balanced situation that controls industrial growth									___

**• GLOBAL WARMING AND CLIMATE CHANGE PERCEPTION**

28. On a scale of 0 to 10, which of the following practices, are you willing to do to contribute to the reduction of greenhouse gases? (0 = not willing, 10 = completely willing): Choose a number between 0 and 10

- \_\_\_\_\_ Perform only nightly irrigation
- \_\_\_\_\_ Use low-polluting machinery
- \_\_\_\_\_ Carry out agro ecological production
- \_\_\_\_\_ Use renewable energy sources
- \_\_\_\_\_ Do not burn biomass (stubble)

- Use non-nitrogenous fertilizers
- Use the zero tillage method

**29. What do you mean by Global Warming? (check only ONE answer)**

- Melting of the poles
- Rising temperature and warming of the earth
- Pollution
- Emission of gases into the atmosphere

**30. What do you mean by Climate Change? (check only ONE answer)**

- Global warming
- Melting of the poles
- Station changes
- Variation in temperature
- it's colder
- it's hotter

**31. On a scale of 0 to 10, to what extent do you think that Climate Change is affecting your crops? (0 = has not affected anything. 10 = has affected a lot): Choose a number between 1 and 10 \_\_\_\_\_**

**32. On a scale of 0 to 10, to what extent do you think Global Warming is affecting your crops? (0 = has not affected anything, 10 = has affected a lot): Choose a number between 1 and 10 \_\_\_\_\_**

**33. Has climate change influenced your production costs?**  
 No     Yes    ¿In what percentage? \_\_\_\_\_

**34. Indicate your degree of agreement or disagreement with the following statements (write a number between 1 and 9)**

Absolutely disagree	Strongly disagree	Moderately disagree	Slightly disagree	Neutral	Slightly agree	Moderately agree	Strongly agree	Absolutely agree
1	2	3	4	5	6	7	8	9
1.	In the last 10 years you have noticed that the temperature has increased							_____
2.	In the last 10 years you have noticed that the level of precipitation has changed							_____
3.	In the last 10 years you have noticed that rain periods have changed their temporality							_____
4.	In the last 10 years you have noticed that the soil has lost fertility							_____
5.	In the last 10 years you have noticed that the periods of drought have increased							_____
6.	In the last 10 years you have noticed that the harvest has decreased							_____
7.	In the last 10 years you have noticed that there have been more episodes of droughts							_____
8.	In the last 10 years you have noticed that there have been more episodes of frost							_____
9.	In the last 10 years you have noticed that there have been more episodes of floods							_____
10.	In the last 10 years you have noticed that there have been more episodes of Hail							_____
11.	In the last 10 years you have noticed that there have been more diseases and pests							_____
12.	In the last 10 years you have noticed that you have observed vegetation changes:							_____

**• FARMERS' RISK ATTITUDES**

**35. Next, I am going to ask you to participate in a Simple "Hypothetical" Lottery Game in which you can earn some money. The question is based on whether you prefer to earn a small amount of money safely or earn a greater amount of money where there is some risk that you do not win anything.**

**Question 1: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$100 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 2: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$75 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 3: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$60 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 4: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$50 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 5: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$40 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 6: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$30 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 7: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$20 safely.
- Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.

**Question 8: What alternative do you choose? (Check the corresponding option)**

- Option A: You get \$10 safely.
  - Option B: We flip a coin: if the coin comes out **HEAD**, you get \$100, if **TAIL** comes out, you get nothing.
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