Version 19042016 PIAFEM ATTRITERS FROM THE PROGRAM SURVEY Producer's ID

Date (dd/mm/yyyy): |__|__|/|__|__|/|__|__|__|__|	Editor's ID: |__|__|
Enumerator's name: |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	Enumerator's ID: |__|__|
Start time (hh:mm): |__|__|:|__|__|	Finish time (hh:mm): |__|__|:|__|__|

INFORMED CONSENT

QUÉ FUNCIONA PARA EL DESARROLLO, a non-profit organization dedicated to the evaluation of social programs, together with ITAM researchers are performing the evaluation final phase of the Research and Support to Maize Fertilization Pilot Program (PIAFEM) for the year 2015. You signed up to the program early last year but decided not to participate in some stages of the evaluation, we would like to gather information about the production in the plot registered to the program and on your maize production in general. This information is strictly confidential and will only be used for statistical purposes to improve the design of the support program. Your name will not be published along with identifiable information. Your participation is voluntary and you may choose not to answer any given question.

We remind you that answering this survey is completely voluntary. If you consider any question to be sensible in nature, you may choose not to answer it.

Is it clear that you have the right to participate or not in this survey? 1. ☐ YES 2. ☐ NO**-> Explain and ask again until the information is clear.**

GENERAL INSTRUCTIONS FOR THE ENUMERATOR:

- **BE CAREFUL WHEN REPORTING MEASURING UNITS. SOME QUESTIONS REFER TO TOTAL QUANTITIES AND OTHERS TO PER HECTARE.**
- **IF RESPONDENT DOES NOT KNOW THE ANSWER TO A QUESTION WRITE -888, IF HE/SHE DECIDES NOT TO ANSWER WRITE -999 AND IF NOT APPLICABLE WRITE -777.**
- **CHARTS WITH QUESTIONS BY PLOT, MAKE ALL QUESTIONS FOR EACH PLOT AND THEN GO TO NEXT PLOT (DO NOT ASK EACH QUESTION FOR ALL PLOTS AT A TIME).**
- **INDICATIONS FOR THE ENUMERATOR ARE HIGHLIGHTED, IN CAPITAL LETTERS AND ARE NOT READ TO THE PRODUCER.**

IF THE PRODUCER IS AN ELDERLY PERSON AND A RELATIVE OR TENANT HAS BEEN WORKING ON THE PLOT FOR A LONG TIME, IS REQUIRED FOR THIS INDIVIDUAL TO BE PRESENT DURING THE INTERVIEW TO ANSWER THE QUESTIONS ABOUT PRACTICES IN THE CROPS.

ENUMERATOR COMMENTS: _____

EDITOR COMMENTS: _____

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DELIVERY RECEIPT: Chedraui voucher No. _____ in compensation for the participation with a value of 70 pesos. I understand that the card will be activated 72 hours after performing the survey.
Signature: _____

0. LOCATION AND GENERAL INFORMATION OF THE PRODUCER

ENUMERATOR CONFIRM THE PLOT AND PRODUCER INFORMATION

0.1. Producer's name: 0.2. ID 0.3. Address 0.4. Between streets: 0.5. Telephone number(s): 0.6. Treatment: 0.7. Stopped participating in the evaluation survey: 0.8. Reason for which he/she stopped participating: 0.9. Sowed maize	0.10. Name of the person working the plots: _____ 0.11. Alias: _____ 0.12. Age: _____ -> Years old as of today 0.13. Gender: _____ 0.14. Address: _____ 0.15. House reference: _____ 0.16. Between streets: _____ and _____ 0.17. Telephone number(s): _____ 0.18. Treatment plot**:** _____ **(PLOT'S ID_____)**

1 Harvest, Commercialization and Total Income in 2015

1.1 Land possession in 2015

1.1.1 How many plots do you own by December 2015?	|__|__|__|
1.1.2 How many hectares in total do you own by December 2015?	|__|__|__|
1.1.3 How many of those hectares do you labor in the 2015 Spring-Summer cycle?	|__|__|__|
1.1.4 How many plots do you labor as tenant in the 2015 Spring-Summer cycle?	|__|__|__|
1.1.5 How many total hectares do you labor as tenant in the Spring-Summer cycle of 2015?	|__|__|__|
1.1.6 How many total plots did you sow maize in as owner or tenant in 2015?	|__|__|__|
1.1.7 How many total hectares did you sow maize in as owner or tenant in 2015?	|__|__|__| **-> if he/she sowed in any plot go to 1.2 Production**

1.1.8 Why didn't you sow maize in any of your plots? **ENUMERATOR LISTEN AND CHECK ALL THAT APPLY**
➔ **Go to 2 production of the treatment plot**

☐1. Because I didn't get benefits from PIAFEM	☐4. Because in recent years I got many disasters and the other crops bear more	☐7. I rented all my plots
☐2. Because other crops pay me more	☐5. Property rights of the plots were taken from me	☐8. I got sick
☐3. Because supplies are too expensive and I don't get any profit	☐6. I sold all my plots	☐9. I didn't have money to sow:
☐10. Other 1:		
☐ 11 Other 2		

1.2 TOTAL Maize production

1.2.1 In the Spring-Summer cycle of 2015, how many plots did you **SOW** in TOTAL with **CREOLE** maize?	**1.2.2** How many **HECTARES** did you sow in **TOTAL** with creole maize?	1.2.3 How many **TONS** of creole maize did you harvest in TOTAL?	1.2.4 From the XX tons of creole maize that you produced, how many tons did you save for self-consumption (seeds, human food, animal food)?	1.2.5 From the XX tons of creole maize that you produced, how many did you sell?	1.2.6 From the XX tons of creole maize that you produced, how many tons of grain did you save to sell in the future?
|__|__|__|.|__| Ha ☐ -777. Didn't sow CREOLE maize→ **GO TO hybrid**	|__|__|__|.|__| Ha	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons

1.2.7 In the Spring-Summer cycle of 2015, how many plots did you **SOW** in TOTAL with **HYBRID** maize?	1.2.8 How many **HECTARES** did you sow in **TOTAL** with hybrid maize?	1.2.9 How many **TONS** of hybrid maize did you harvest in TOTAL?	1.2.10 From the XX tons of hybrid maize that you produced, how many tons did you save for self-consumption (seeds, human food, animal food)?	1.2.11 From the XX tons of hybrid maize that you produced, how many did you sell?	1.2.12 From the XX tons of hybrid maize that you produced, how many tons of grain did you save to sell in the future?
|__|__|__|.|__| Ha ☐ -777. Didn't sow HYBRID maize **-> GO TO production**	|__|__|__|.|__| Ha	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons	|__|__|__|.|__| Tons

2 PROGRAM PLOT PRODUCTION

ENUMERATOR READ: I WILL NOW ASK YOU ABOUT THE SOWING AND PRODUCTION OF THE PLOT THAT YOU REGISTERED TO THE PROGRAM
ENUMERATOR INQUIRE, BUT IF THE FARMER DOESN'T REMEMBER, INDICATE -888 DOESN'T KNOW

2.1 Did you sow anything in this plot in Spring-Summer of 2015?	2.2 Why didn't you labor this plot? **ENUMERATOR LISTEN AND CHECK ALL THAT APPLY**	2.3 Indicate everything you cultivated in this plot for the Spring-Summer cycle of 2015 **ENUMERATOR LISTEN AND CHECK ALL THAT APPLY**	2.4 How many hectares of each crop did you plant in the Spring-Summer cycle of 2015?	2.5 What was the total production of each crop?	2.6 How many tons of each crop did you sell until April 1st of 2016?	2.7 How much did you get paid for each ton?
☐1. Yes **-> Go to 2.3** ☐2. No	☐1. The owner took the property rights	☐1a. Hybrid Maize	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
	☐2. Sold or rented the plot	☐1b. Creole Maize	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
	☐3. Got sick	☐1c. Mixed Maize (Creole+hybrid)	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
	☐4. Didn't have money:	☐2. Oats	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
	☐5. Other 1:	☐3. Wheat	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐4. Barley	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐5. Beans	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
	☐5. Other 1: **->ANSWER AND GO TO 2.8**	☐6. Sorghum	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐7. Tomato	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐8. Pumpkin	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐9. Amaranth	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn
		☐10. Other **(Specify)**_____	|__|__|.|__| ha	|__|__|.|__| tn	|__|__|.|__| tn	|__|__|,|__|__|__| $/tn

2.8 Why didn't you stay in the program? **ENCUMERATOR LISTEN AND CHECK ALL THAT APPLY**		2.9 When you registered yourself in the program, you declared that you were going to sow maize. What changed your mind? **ENUMERATOR LISTEN AND CHECK ALL THAT APPLY**
☐1. Because I didn't benefit using fertilizer	☐9. I was told that my plot was too small	☐1. Because I didn't get benefited from PIAFEM
☐2. Because the surveys are too long	☐10. I was told that machinery didn't fit	☐2. Because other crops pay me more
☐3. Because I didn't sow maize -**> ask 2.9 only to this ones**	☐11. I didn't have money to follow the recommendations	☐3. Because in recent years maize didn't pay me enough
☐4. Because I don't perceive any benefit from answering the survey	☐12. I got sick	☐4. Because other crops bear more the disasters
☐5. Because someone else registered this plot for me	☐13. Because I already sowed and I was told that I was out of the program	☐5. I needed to replant **-> ENUMERATOR ASK** 5.1 Why didn't you sow maize? _____ _____ _____ _____ _____ _____ _____ _____
☐6. Because I didn't believe in the recommendations	☐14. I didn't agree with the sowing dates that the technician proposed	
☐7. I sold all my plots	☐15. I didn't like the technician **-> 14.1 ¿Problem had?:**	
☐8. I rented all my plots		
☐9. Property rights of the plots were taken from me	☐**16. Other**	
IF HE/SHE SOWED MAIZE GO TO SECTION 3 – PLOT DATA CONFIRMATION		

3 Maize sowed plots in 2015

ENUMERATOR READ: I WILL NOW ASK YOU FOR THE NAMES AND MEASURES OF THE XX PLOTS IN WHICH YOU SOWED MAIZE (question 1.1.6) IN THE 2015 CYCLE, BEGINNING WITH THE PLOT (Name Information 0.21)

2.0 ID	2.1 PLOT'S NAME	2.2 Total surface of the plot in HA	2.3 Total surface of the plot with maize in HA	2.4 In which date did you sow in 2015? mm/dd/2015	2.5 Treatment or control plot?
1 INSC	|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	|__|__|__|.|__|	|__|__|__|.|__|	|__|__|/|__|__|	1 ☐ Treatment 2 ☐ Control -777 ☐ Doesn´t practice
2	|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	|__|__|__|.|__|	|__|__|__|.|__|	|__|__|/|__|__|	1 ☐ Treatment 2 ☐ Control -777 ☐ Doesn´t practice
3	|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	|__|__|__|.|__|	|__|__|__|.|__|	|__|__|/|__|__|	1 ☐ Treatment 2 ☐ Control -777 ☐ Doesn't practice
4	|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	|__|__|__|.|__|	|__|__|__|.|__|	|__|__|/|__|__|	1 ☐ Treatment 2 ☐ Control -777 ☐ Doesn't practice
5	|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|	|__|__|__|.|__|	|__|__|__|.|__|	|__|__|/|__|__|	1 ☐ Treatment 2 ☐ Control -777 ☐ Doesn't practice

ENJUMERATOR: IF THE TOTAL HA OF SOWED MAIZE IS MORE THAN TWO HA , THIS PLOT WILL FUNTION AS 1 TREATMENT AND 2 CONTROL. WHEN THAT PLOT HAS LESS THAN TWO HECTARES OF MAIZE, TAKE THE LAS DIGIT OF THE PRODUCER'S ID AND COUNT FROM PLOT 2 UNTIL REACHING THE NUMBER TO CHOOSE THE CONTROL PLOT FOR WHICH YOU WILL DO THE QUESTIONS FOR SECTION 2. INDICATE THE OPTIONS IN A APPROPRIATE WAY.