V 20151013 Producer's ID |__|__|-|__|__|-||__|__|

Yield Expectations Survey (PIAFEM)

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 is performing the evaluation phase of the Research And Support to Maize Fertilization Program (PIAFEM) for the year 2015. We would like to gather information about your output expectations on the test hectare as well as others parcels, if relevant. 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 Your name will not be published along with identifiable information.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. 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.***
- ***Indications for the enumerator are HIGLIGHTED 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: _____

_____

_____

1. OUTPUT EXPECTATIONS PRIOR TO THE HARVEST

ENUMERATOR: THE QUESTIONS FOR THIS SECTION ARE RELEVANT TO THE TEST HECTARE, AS WELL AS THE CONTROL PLOT AND OTHER PLOTS IN WICH THE FARMER REPORTS HAVING SOWED MAIZE AND THAT WILL BE HARVESTED THIS AGRICULTURAL CYCLE SPRING-SUMMER- 2015. THE PROPER SECUENCE IS: EXPECTATIONS, TREATMENT, CONTROL AND ADITIONAL PLOT REPOSTED BY THE FARMER IN THE SURVEY.

1.1 OUTPUT EXPECTATIONS IN THE PLOT _____ REGISTERED IN PIAFEM (PLOT'S ID:|__|__|-|__|__|-||__|__|- |__|__|)

1.1.1. EXPECTED DATE TO REAP THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/____/2015

1.1.2. EXPECTED DATE TO STACK THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/___/2015

1.1.3. EXPECTED DATE TO SHUCK THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/____/___/2015

ENUMERATOR READ: I will now ask you some questions about the plot REGISTERED IN THE PROGRAM

1.1.4. In a scale from 0 to 10, where 10 is the most productive plot in the municipality and 0 is the least productive, how productive do you think your plot will be in the 2015 Spring-Summer cycle?	|__|__|

ENUMERATOR TAKE A COIN AND SHOW IT TO THE PRODUCER

1.1.5. Let's flip this coin; what is the probability to get tails? How sure are you of this possibility? **ENUMERATOR WRITE DOWN THE ANSWER TO THE FIRST QUESTION WHEN THE RESPONDANT SAYS HE/SHE IS ABSOLUTELY SURE.**	|__|__|__|%
1.1.6. Think about the previous answer where you rated the productivity of your Plot with **[READ A. 1.1.4]** how sure are you of this rate?	☐1. Absolutely sure ☐2. Fairly sure ☐3. Slightly sure ☐4. Not sure at all

ENUMERATOR READ: "Now we will play with this board and 20 chips. Note that each box in the board represents the production you might obtain this year from your plot _____."

ENUMERATOR: HAND THE 20 CHIPS TO THE RESPONDENT AND ASK HIM/HER:

1.1.7. *"What do you think will be the production in your test hectare of the plot _____this year?"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| tn & |__|__| tn
1.1.1. *"What do you think will be the production in your test hectare of the plot _____ if the weather is very bad?"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| tn & |__|__| tn
1.1.2. *"What do you think will be the production in your test hectare of the plot _____ if the weather is very good"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| tn & |__|__| tn

1.1.3. **ENUMERATOR POINT AT THE FIRST AND LAST BOX WHERE THERE IS A CHIP, THEN READ:** *"Now distribute the remaining 20 chips in the boxes between the interval that you think are more probable. You have to use all the chips, but you may leave empty boxes. If you don't place any chips in a box it*

means that you believe that option is impossible to happen in the future. The more chips you place in a single box, the more probable you believe that outcome to be"

0	☐	There will be no harvest	6	☐	More than 2.5 Ton/ha to 3 Ton/ha	12	☐	More than 6 Ton/ha to 7 Ton/ha
1	☐	Half a Ton/ha or less	7	☐	More than 3 Ton/ha to 3.5 Ton/ha	13	☐	More than 7 Ton/ha How much? ☐
2	☐	More than half Ton/ha to 1 Ton/ha	8	☐	More than 3.5 Ton/ha to 4 Ton/ha			
3	☐	More than 1 Ton/ha to 1.5 Ton/ha	9	☐	More than 4 Ton/ha to 4.5 Ton/ha			
4	☐	More than 1.5 Ton/ha to 2 Ton/ha	10	☐	More than 4.5 Ton/ha to 5 Ton/ha			
5	☐	More than 2 Ton/ha to 2.5 Ton/ha	11	☐	More than 5 Ton/ha to 6 Ton/ha			

1.2 OUTPUT EXPECTATIONS IN THE CONTROL PLOT _____ (PLOT'S ID:|__|__|-|__|__|-||__|__|- |__|__|)

1.2.1 EXPECTED DATE TO REAP THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/____/2015
1.2.2 EXPECTED DATE TO STACK THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/___/2015
1.2.3 EXPECTED DATE TO SHUCK THE MAIZE DURING THIS AGRICULTURAL CYCLE (S-S- 2015) IN THE DEFINED HECTARE: ____/____/___/2015

ENUMERATOR READ: We will continue to play the same dynamic as the last game, but this time the questions are related to the control plot and the control hectare _____ where you reported having sowed and harvested maize in the 2015 Spring-Summer agricultural cycle

1.2.4 In a scale from 0 to 10, where 10 is the most productive plot in the municipality and 0 is the least productive, how productive do you think your plot will be in the 2015 Spring-Summer cycle?	|__|__|

ENUMERATOR TAKE A COIN AND SHOW IT TO THE PRODUCER

1.2.5 Let's flip this coin; what is the probability to get tails? How sure are you of this possibility? **ENUMERATOR WRITE DOWN THE ANSWER TO THE FIRST QUESTION WHEN THE RESPONDANT SAYS HE/SHE IS ABSOLUTELY SURE**	|__|__|__|%
1.2.6 Think about the previous answer where you rated the productivity of your Plot with **[READ A. 1.2.4]** how sure are you of this rate?	☐1. Absolutely sure ☐2. Fairly sure ☐3. Slightly sure ☐4. Not sure at all

ENUMERATOR READ: "Now we will play with this board and 20 chips. Note that each box in the board represents the production you might obtain this year from your plot _____."

ENUMERATOR: HAND THE 20 CHIPS TO THE RESPONDENT AND ASK HIM/HER:

1.2.7 *"What do you think will be the production in your test hectare of the plot _____this year?"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| tn & |__|__| tn
1.2.8 "What do you think will be the production in your test hectare of the plot _____ if the weather is very bad?" **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| ton & |__|__| ton
1.2.9 *"What do you think will be the production in your test hectare of the plot _____ if the weather is very good?"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.**	Between |__|__| ton & |__|__| ton

1.2.10 **ENUMERATOR POINT AT THE FIRST AND LAST BOX WHERE THERE IS A CHIP, THEN READ:** *"Now distribute the remaining 20 chips in the boxes between the interval that you think are more probable. You have to use all the chips, but you may leave empty boxes. If you don't place any chips in a box it means that you believe that option is impossible to happen in the future. The more chips you place in a single box, the more probable you believe that outcome to be"*

0 ☐ There will be no harvest
1 ☐ Half a Ton/ha or less
2 ☐ More than half Ton/ha to 1 Ton/ha
3 ☐ More than 1 Ton/ha to 1.5 Ton/ha
4 ☐ More than 1.5 Ton/ha to 2 Ton/ha
5 ☐ More than 2 Ton/ha to 2.5 Ton/ha
6 ☐ More than 2.5 Ton/ha to 3 Ton/ha
7 ☐ More than 3 Ton/ha to 3.5 Ton/ha
8 ☐ More than 3.5 Ton/ha to 4 Ton/ha
9 ☐ More than 4 Ton/ha to 4.5 Ton/ha
10 ☐ More than 4.5 Ton/ha to 5 Ton/ha
11 ☐ More than 5 Ton/ha to 6 Ton/ha
12 ☐ More than 6 Ton/ha to 7 Ton/ha
13 ☐ More than 7 Ton/ha How much? ☐

V 20151013 Producer's ID |__|__|-|__|__|-||__|__|

1. MAIZE PRICE EXPECTATIONS

2.1 ENUMERATOR GIVE BACK THE 20 CHIPS TO THE RESPONDENT AND ASK: *"What do you think the PRICE OF MAIZE WILL BE IN THE BEGINNINGS OF 2016?"* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.** WRITE DOWN THE ANSWER: _____

2.2 THEN READ: *What do you think the WORST PRICE FOR MAIZE COULD BE IN THE BEGINNINGS OF 2016?* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.** WRITE DOWN THE ANSWER: _____

2.3 THEN READ: *What do you think the BEST PRICE FOR MAIZE COULD BE IN THE BEGINNINGS OF 2016?* **WAIT FOR THE ANSWER AND TELL THE RESPONDENT TO PLACE A CHIP IN THAT BOX.** WRITE DOWN THE ANSWER: _____

2.4 **ENUMERATOR POINT THE FIRST AND LAST BOX WHERE THERE IS A CHIP, THEN READ:** *"Now distribute the remaining 20 chips in the boxes between the interval that you think are more probable. You have to use all the chips, but you may leave empty boxes. If you don't place any chips in a box it means that you believe that option is impossible to happen in the future. The more chips you place in a single box, the more probable you believe that outcome to be"*

0	☐	Will not sell any maize	6	☐	More than 2250 to 2500 $ per ton
1	☐	500 or less $ per ton	7	☐	More than 2500 to 2750 $ per ton
2	☐	More than 500 to 1000 $ per ton	8	☐	More than 2750 to 3000 $ per ton
3	☐	More than 1000 to 1500 $ per ton	9	☐	More than 3000 to 3250 $ per ton
4	☐	More than 1500 to 2000 $ per ton	10	☐	More than 3250 to 3500 $ per ton
5	☐	More than 2000 to 2250 $ per ton	11	☐	More than 3500, How much? _____ $ per ton

2. DISASTERS

ENUMERATOR READ: I will now ask you some questions about disasters that your plot suffered.

3.1 DISASTERS IN THE PLOT _____ REGISTERED IN PIAFEM (PLOT'S ID:|__|__|-|__|__|-||__|__|- |__|__|)

3.1. After this year's sowing, did your plot suffer any disaster?	3.1.1. Which disaster did it suffer? ENUMERATOR LISTEN AND CHECK ALL THAT APPLY	3.1.2. How many times did the disaster happen?	3.1.3. In which dates did the disaster happen? Start date	3.1.4. In which dates did the disaster happen? Finish date	3.1.5. Affectation percentage
☐ 1. Yes ☐ 2. No → **Go to NEXT SECTION 3.9**	☐1. Hail ☐2. Drought ☐3. Flood ☐4. Frost ☐5. Fire ☐6. Root lodging ☐7. Other:_____	☐1. Hail: |__|times ☐2. Drought: |__|times ☐3. Flood: |__|times ☐4. Frost: |__|times ☐5. Fire: |__|times ☐6. Root lodging: |__|times ☐7. Other: |__|times	☐1. Hail from: |__|__/|__|__|/2015 ☐2. Drought from: |__|__/|__|__|/2015 ☐3. Flood from: |__|__/|__|__|/2015 ☐4. Frost from: |__|__/|__|__|/2015 ☐5. Fire from: |__|__/|__|__|/2015 ☐6. Root lodging from: |__|__/|__|__|/2015 ☐7. Other from: |__|__/|__|__|/2015	☐1. Hail until: |__|__/|__|__|/2015 ☐2. Drought until: |__|__/|__|__|/2015 ☐3. Flood until: |__|__/|__|__|/2015 ☐4. Frost until: |__|__/|__|__|/2015 ☐5. Fire until: |__|__/|__|__|/2015 ☐6. Root lodging until: |__|__/|__|__|/2015 ☐7. Other until: |__|__/|__|__|/2015	☐1. Hail |__|__|__| ☐2. Drought: |__|__|__| ☐3. Flood: |__|__|__| ☐4. Frost: |__|__|__| ☐5. Fire: |__|__|__| ☐6. Root lodging: |__|__|__| ☐7. Other: |__|__|__|
			DISASTER SECOND TIME, in which dates did the disaster happen? Start date	**DISASTER SECOND TIME, in which dates did the disaster happen?** Finish date	**DISASTER SECOND TIME, affectation percentage**
			☐1. Hail from: |__|__/|__|__|/2015 ☐2. Drought from: |__|__/|__|__|/2015 ☐3. Flood from: |__|__/|__|__|/2015 ☐4. Frost from: |__|__/|__|__|/2015 ☐5. Fire from: |__|__/|__|__|/2015 ☐6. Root lodging from: |__|__/|__|__|/2015 ☐7. Other from: |__|__/|__|__|/2015	☐1. Hail until: |__|__/|__|__|/2015 ☐2. Drought until: |__|__/|__|__|/2015 ☐3. Flood until: |__|__/|__|__|/2015 ☐4. Frost until: |__|__/|__|__|/2015 ☐5. Fire until: |__|__/|__|__|/2015 ☐6. Root lodging until: |__|__/|__|__|/2015 ☐7. Other until: |__|__/|__|__|/2015	☐1. Hail |__|__|__| ☐2. Drought: |__|__|__| ☐3. Flood: |__|__|__| ☐4. Frost: |__|__|__| ☐5. Fire: |__|__|__| ☐6. Root lodging: |__|__|__| ☐7. Other: |__|__|__|

3.2 DISASTERS IN THE CONTROL PLOT _____ (PLOT'S ID:|__|__|-|__|__|-||__|__|- |__|__|)

3.2. After this year's sowing, did your plot suffer any disaster?	3.2.1. Which disaster did it suffer? ENUMERATOR LISTEN AND CHECK ALL THAT APPLY	3.2.2. How many times did the disaster happen?	3.2.3. In which dates did the disaster happen? Start date	3.2.4. In which dates did the disaster happen? Finish date	3.2.5. Affectation percentage
☐ 1. Yes ☐ 2. No →**Go to NEXT SECTION 3.9**	☐1. Hail ☐2. Drought ☐3. Flood ☐4. Frost ☐5. Fire ☐6. Root lodging ☐7. Other:_____	☐1. Hail: |__|times ☐2. Drought: |__|times ☐3. Flood: |__|times ☐4. Frost: |__|times ☐5. Fire: |__|times ☐6. Root lodging: |__|times ☐7. Other: |__|times	☐1. Hail from: |__|__/|__|__|/2015 ☐2. Drought from: |__|__/|__|__|/2015 ☐3. Flood from: |__|__/|__|__|/2015 ☐4. Frost from: |__|__/|__|__|/2015 ☐5. Fire from: |__|__/|__|__|/2015 ☐6. Root lodging from: |__|__/|__|__|/2015 ☐7. Other from: |__|__/|__|__|/2015	☐1. Hail until: |__|__/|__|__|/2015 ☐2. Drought until: |__|__/|__|__|/2015 ☐3. Flood until: |__|__/|__|__|/2015 ☐4. Frost until: |__|__/|__|__|/2015 ☐5. Fire until: |__|__/|__|__|/2015 ☐6. Root lodging until: |__|__/|__|__|/2015 ☐7. Other until: |__|__/|__|__|/2015	☐1. Hail |__|__|__| ☐2. Drought: |__|__|__| ☐3. Flood: |__|__|__| ☐4. Frost: |__|__|__| ☐5. Fire: |__|__|__| ☐6. Root lodging: |__|__|__| ☐7. Other: |__|__|__|
			DISASTER SECOND TIME, in which dates did the disaster happen? Start date	**DISASTER SECOND TIME, in which dates did the disaster happen?** Finish date	**DISASTER SECOND TIME, affectation percentages**
			☐1. Hail from: |__|__/|__|__|/2015 ☐2. Drought from: |__|__/|__|__|/2015 ☐3. Flood from: |__|__/|__|__|/2015 ☐4. Frost from: |__|__/|__|__|/2015 ☐5. Fire from: |__|__/|__|__|/2015 ☐6. Root lodging from: |__|__/|__|__|/2015 ☐7. Other from: |__|__/|__|__|/2015	☐1. Hail until: |__|__/|__|__|/2015 ☐2. Drought until: |__|__/|__|__|/2015 ☐3. Flood until: |__|__/|__|__|/2015 ☐4. Frost until: |__|__/|__|__|/2015 ☐5. Fire until: |__|__/|__|__|/2015 ☐6. Root lodging until: |__|__/|__|__|/2015 ☐7. Other until: |__|__/|__|__|/2015	☐1. Hail |__|__|__| ☐2. Drought: |__|__|__| ☐3. Flood: |__|__|__| ☐4. Frost: |__|__|__| ☐5. Fire: |__|__|__| ☐6. Root lodging: |__|__|__| ☐7. Other: |__|__|__|