PARTICIPANT REGISTRATION NUMBER (mm-vv-pp): |__|__|-|__|__|-|__|__|
CURP |__|__|__|__|-|__|__|__|__|__|__|-|__|__|__|__|__|__||__|__|

INVESTIGATION AND SUPPORT PROGRAM FOR MAIZE FERTILIZATION– SURVEY REGISTER **Version 20150119**

Date (dd/mm/aaaa): |__|__|-|__|__|- |__|__|__|__|	***Editor ID: |__|__|__|***
Interviewer name:	***Interviewer ID: |__|__|__|***

INFORMED CONSENTMENT

QUÉ FUNCIONA PARA EL DESARROLLO A.C, is a non-profit organization dedicated to the evaluation of social programs, and researchers from the Mexican Autonomous Institute of Technology (MAIT) are implementing a program that offers free soil analyses to corn farmers in Tlaxcala. We want to know your opinion and gather information about your plots and your agricultural practices The information you give us will be confidential and will be used only for statistical purposes to improve the scope of the program to support the Mexican farmers. Your name and any information that could be used to identify you will not be published. Your participation is completely voluntary and you can choose whether or not to answer any of the questions.

0.0 Do you wish to answer this survey?
1. ☐ Yes 2. ☐ No **-> REPET AND ASK AGAIN**

PERSONAL DATA

0.1 Name (s): |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.2 First Name: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.3 Last name: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.4 Nickname: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___| ☐ -777. Does not have

0.5 Age: |___|___| -> **ACTUAL AGE** ☐-888 Does not know ☐-999 Does not answer

0.6 Gender: ☐ 1. Female ☐ 2. Male

0.7 Street, avenue, alley, roadway, road:
|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___||___|___|___|___|___|___|___|
|___|___|___|___|___|___|___||___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.8 Exterior number |__|__|__|__| ☐ -777. No number ☐-888. Does not know ☐-999. Does not answer

0.9 Interior number |__|__|__|__| ☐ -777. No number ☐-888. Does not know ☐-999. Does not answer

0.10 Municipality: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.11 Location: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.12 Suburb, Town: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

0.13 Between streets:____ And____

0.14 Home description:____

0.15 House phone number: |__|__|__||__|__|__||__|__|__|__| ☐ -777. Does not have ☐-888. Does not know ☐-999. Does not answer

0.16 Cellphone number: |__|__|__||__|__|__||__|__|__|__| ☐ -777. Does not have ☐-888. Does not know ☐-999. Does not answer

0.17 At what time can we find you at home? ____

1 INFORMATION ABOUT THE PLOTS THAT THE PRODUCER WILL WORK IN PERIOD 2015

1.1 Did you participate in a QFD evaluation in 2013?	☐ 1. Yes ☐ 2. No **>Go to 1.3**
1.2 Treatment? **(INTERVIEWER> THIS QUESTION WILL BE FILLED AT THE OFFICE)**	☐ 1. SA ☐ 3. PGT ☐ 2. SA CONTROL ☐ 4. PGT CONTROL
1.3 Did you participate in a QFD evaluation in 2014?	☐ 1 Yes ☐ 2. No **>Go to 1.5**
1.4 ¿Treatment? **(INTERVIEWER> THIS QUESTION WILL BE FILLED AT THE OFFICE)**	☐ 1. CONTROL ☐ 2. SA ☐ 3. SA + AES + custom fertilizer ☐ 4. SA + AES + standardized fertilize ☐ 5. SA + standardized fertilizer
1.5 Total number of plots that you will **work** in 2015, as owner or lessee?	|__|.|__||__| TOTAL PLOTS
1.6 Total number of has. that you will **work** in 2015, as owner or lessee?	|__|.|__||__| TOTAL HECTAREAS
1.7 Total number of plots in which you will **plant** maize in 2015?	|__|.|__||__| MAIZE PLOTS
1.8 Total number of hectareas in which you will **plant** maize in 2015?	|__|.|__||__| MAIZE HECTAREAS
1.9 Date in which you will plant maize in 2015?	Between |__|__|-| __|__| and|__|__|-| __|__| (dd-mm)

1.10 Name of the plot you want to register in the program, in which you will plant maize starting in April 2015?
|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

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1.11 Location in which the plot you want to register in the program is located? |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|	
1.12 Total surface of the plot you want to register to the program?	|__|.|__||__|_TOTAL HECTAREAS
1.13 Do you think that this plot is…..? **LEER OPCIONES DE RESPUESTA Y MARCAR SOLO UNA**	□ 1 The most productive □ 3. Same as the others □ 2. The less productive □ 4. The only one
1.14 Tons of maize per hectarea produced in this plot in period 2013:	|__|.|__||__| **TON/HA** of maize produced in 2013 ☐ -666 did not work the plot ☐-777 Planted another culture. Which one? _____
1.15 Tons of maize per hectarea produced in this plot in period 2014:	|__|.|__||__| **TON/HA** of maize produced in 2013 ☐ -666 did not work the plot ☐-777 Planted another culture. Which one? _____
1.16 In a 1 to 5 scale ¿how sure are you of planting maize in period P-V 2015? **1 is the less sure (impossible) and 5 is the most sure.**	|__|
1.17 When was the last time that you received technical assistance from an agronomist?	Year: |___|___|___|___| ☐-888 Does not know ☐2. Never received an agronomist technical assistance ☐-999 Does not answer
1.18 When was the last time in which you made a soil analysis to your plots?	Year |___|___|___|___| ☐-888 Does not know ☐2. Never realized a soil analysis ☐-999 Does not answer

2. Agricultural practices and Costs of period P-V 2014

2.1 Did you plant maize in period PV 2014?	□ 1 Yes □ 2. No **> Go to 2.3**	
2.2 Which kind of seed did you plant in **PLOT NAME REGISTERED**?	□ 1. Native □ 2. Hydrid □ 3. Both	
2.3 Did you plant another different culture in period PV 2014?	□ 1 Yes □ 2. No **> Go to 2.5**	
2.4 How did you plant them?	□ 1 Splitted since beginning □ 2. Mixed since beginning □ 3. Mixed for replanting	
2.5 How did you realize your plot sowing in period P-V 2014? **LEER OPCIONES Y MOSTRAR IMÁGENES**	□ 1 Digger/Yoke/ without fertilizers □ 2. Semiprecision machinery □ 3. Precision machinery □ 4. Manual / shovel **> Go to 2.7**	
2.6 The machinery is:?	□ 1. Owned □ 2. Rented	
2.7 Did you use herbicedes in period P-V 2014?	□ 1 Yes □ 2. No	☐-888 Does not know ☐-999 Does not answer
2.8 Did you use foliar fertilizers in period P-V 2014?	□ 1 Yes □ 2. No	☐-888 Does not know ☐-999 Does not answer
2.9 Did you use insecticides in period P-V 2014?	□ 1 Yes □ 2. No	☐-888 Does not know ☐-999 Does not answer
2.10 Did you use soil improvers in period P-V 2014?	□ 1. Yes □ 2. No	☐-888 Does not know ☐-999 Does not answer
2.11 How many fertilizations did you make in P-V 2014?	|___|	☐-888 Does not know ☐-999 Does not answer
2.12 The fertilization was:	□ 1. Manual □ 2. Mechanic □ 3. Both	☐-888 Does not know ☐-999 Does not answer

2.13 Which sowing fertilizares did you use in period P-V 2014?	**2.14** Which fertilizers did you use in the first fertilization after sowing in period P-V 2014?	**2.15** Which fertilizers did you use in the second fertilization of period P-V 2014?	**2.16** Which fertilizers did you use in the third fertilization of period P-V 2014?
□ 1 UREA (fq4) □ 2 DAP (fq1) □ 3 Potassium chloride (fq2) □ 4 Ammonium sulfate (fq3) □ 5 Organic> Specify _____ □ 6 Another _____ □ -777 Did not use sowing fertilizer	□ 1 UREA (fq4) □ 2 DAP (fq1) □ 3 Potassium chloride (fq2) □ 4 Ammonium sulfate (fq3) □ 5 Organic Specifiy _____ □ 6 Another_____ □ -777 Did not fertilize after sowing	□ 1 UREA (fq4) □ 2 DAP (fq1) □ 3 Potassium chloride (fq2) □ 4 Ammonium sulfate (fq3) □ 5 Organic Specify _____ □ 6 Another _____ □ -777 Did not make second fertilization **>Go to 2.17**	□ 1 UREA (fq4) □ 2 DAP (fq1) □ 3 Potassium chloride (fq2) □ 4 Ammonium sulfate (fq3) □ 5 Organic Specify _____ □ 6 Another _____ □ -777 Did not make third fertilization **>Go to 2.17**

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2.17 Total cost of fertilizers per hectarea.	**2.18** Cost per hectarea or labour	**2.19** Cost per hectarea of renting machinery	**2.20** Cost per hectarea of fuel
|___|___|___|___|MXN ☐-777 Did not fertilize	|___|___|___|___|MXN ☐-777 Did not hire workers for fertilization	|___|___|___|___|MXN ☐-777 Did not rent machinery	|___|___|___|___|MXN **(ONLY IF MACHINERY IS OWNED)**