Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Fertilizing with Tithonia Leaves**

**for use with female gardeners with children U5**

**Behavior Statement**

Female gardeners with children U5 apply Tithonia Tea recipe[[1]](#footnote-2), a plant fertilizer, to their gardens.

**Demographic Data**

Interviewer’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Questionnaire No.: \_\_\_\_\_Date: \_\_\_/\_\_\_/\_\_\_

Community: \_\_\_\_\_\_\_\_\_\_\_\_\_

Scripted Introduction:

Hi, my name is\_\_\_\_\_\_\_\_\_; and I am part of a study team looking into things female gardeners do to increase the productivity of their gardens. The study includes a discussion of this issue and will take about 15 minutes. I would like to hear your views on this topic. You are not obliged to participate in the study and no services will be withheld if you decide not to. Likewise, if you chose to be interviewed you will not receive any gifts, special services or remuneration. Everything we discuss will be held in strict confidence and will not be shared with anyone else.

Would you like to participate in the study? [ If not, thank them for their time.]

**Section A - Doer/Non-doer Screening Questions**

**1.** How old is your youngest child?

❑ a. younger than 5 years old

❑ b. older than 5 years old 🡪 end interview and look for another respondent

❑ c. Don’t know / won’t say 🡪 *End interview and look for another respondent*

**2.**  During the last growing season did you plant a garden?

❑ a. Yes

❑ b. No🡪 *End interview and look for another respondent*

❑ c. Don’t know / no response 🡪 *End interview and look for another respondent*

**3.**  During the last growing season did you apply any kind of fertilizer to your garden?

❑ a. Yes

❑ b. No🡪 Mark as non-doer and continue to Section B

❑ c. Don’t know / no response 🡪 *End interview and look for another respondent*

**4.**  What kind of fertilizer did you apply?

❑ a. Made of Tithonia leaves

❑ b. No use of Tithonia leaves 🡪 Mark as non-doer and continue to section B

❑ c. Don’t know / no response 🡪 *End interview and look for another respondent*

***DOER /NON-DOER CLASSIFICATION TABLE***

|  |  |  |
| --- | --- | --- |
| **DOER**  (all of the following) | **Non-Doer**  (any ONE of the following) | **Do Not Interview**  (any ONE of the following) |
| Question 1 = A |  | Question 1 = B or C |
| Question 2 = A |  | Question 2 = B or C |
| Question 3 = A | Question 3 = B | Question 3 = C |
| Question 4 = A | Question 4 = B | Question 4 = C |

Group: ❑ Doer ❑ Non-doer

**Section B – Research Questions**

**Behavior Explanation**

In thefollowing questions I am going to be talking about applying fertilizer made from the Tithonia leaves. By this I mean using the leaves from this plant (show the plant or a picture of it) to make fertilizer.

*(Perceived Self-efficacy)*

**1a. *Doers***: What made it ***easier*** for you to apply fertilizer made from the Tithonia leaves to your garden?

**1b.** ***Non-doers***: What would make it ***easier*** for you to apply fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “What else?”)***

*(Perceived Self-efficacy)*

**2a. *Doers***: What made it ***difficult*** for you to apply fertilizer made from the Tithonia leaves to your garden?

**2b.** ***Non-doers***: What would make it ***difficult*** for you to apply fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “What else?”)***

*(Perceived Positive Consequences)*

**3a.** ***Doers:*** What are the ***advantages*** of applying fertilizer made from the Tithonia leaves to your garden?

**3b. *Non-doers:*** What would be the ***advantages*** of applying fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “What else?”)***

*(Perceived Negative Consequences)*

**4a.** ***Doers:*** What are the ***disadvantages*** of applying fertilizer made from the Tithonia leaves to your garden?

**4b. *Non-doers:*** What would be the ***disadvantages*** of applying fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “What else?”)***

*(Perceived Social Norms)*

**5a.** ***Doers:*** Who are the people that ***approve*** of you applying fertilizer made from the Tithonia leaves to your garden?

**5b.** ***Non-doers:*** Who are the people that ***would approve*** of you applying fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “Who else?”)***

*(Perceived Social Norms)*

**6a.** ***Doers:*** Who are the people that ***disapprove*** of you applying fertilizer made from the Tithonia leaves to your garden?

**6b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you applying fertilizer made from the Tithonia leaves to your garden?

***(Write all responses below. Probe with “Who else?”)***

*(Perceived Access)*

**7a.** ***Doers:*** How difficult is it to get enough Tithonia leaves to make the fertilizer?Very difficult, somewhat difficult or not difficult at all

**7b. *Non-doers:*** How difficult would it be to get enough Tithonia leaves to make the fertilizer? Very difficult, somewhat difficult or not difficult at all

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all

*(Perceived Cues for Action / Reminders)*

**8a. *Doers:*** How difficult is it to remember how to make the liquid Tithonia leaf fertilizer? Very difficult, somewhat difficult, or not difficult at all?

**8b. *Non-doers:*** How difficult do you think it would be to remember how to make the liquid Tithonia leaf fertilizer? Very difficult, somewhat difficult, or not difficult at all?

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all

*(Perceived Cues for Action / Reminders)*

**9a. *Doers:*** How difficult is it to remember when to apply the liquid Tithonia leaf fertilizer to your garden? Very difficult, somewhat difficult, or not difficult at all?

**9b. *Non-doers:*** How difficult do you think it would be to remember when to apply the liquid Tithonia leaf fertilizer to your garden? Very difficult, somewhat difficult, or not difficult at all?

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all

*(Perceived Susceptibility / Perceived Risk)*

**10.** ***Doers* *and Non-doers:*** How likely is it that your garden won’t thrive during the next gardening season? Very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perceived Severity)*

**11.** **Doers and Non-doers:** How serious would it be if your garden didn’t thrive? Very serious, somewhat serious, or not serious at all?

❑ a. Very serious

❑ b. Somewhat serious

❑ c. Not serious at all

*(Action Efficacy)*

**12. Doers and Non-doers**: If you apply fertilizer made from Tithonia leaves to your garden**,** how likely is it that your garden will thrive? Very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perception of Divine Will)*

**13.*****Doers and Non-doers:***Do you think that God causes gardens to thrive and produce well?

❑ a. Yes

❑ b. Maybe

❑ c. No

*(Culture)*

**14. *Doers and Non-doers*:** Are there any cultural rules or taboos against applying fertilizer made from the Tithonia leaves to your garden?

❑ a. Yes

❑ b. Maybe

❑ c. No

*Now I am going to ask you a question totally unrelated to the topic we’ve been discussing.*

*(Universal Motivators)*

**15. *Doers and Non-doers*:** What is the one thing you desire most in life?

***THANK THE RESPONDENT FOR HER TIME!***

1. This can be adjusted to ask about other types of home-made fertilizer. [↑](#footnote-ref-2)