Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Spraying home-made garlic/chili**

**pepper pesticide on garden plants**

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

**Behavior Statement**

Female gardeners with children U5 spray their garden plants with a

home-made pesticide[[1]](#footnote-2) made of garlic and chili peppers.

**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 home-made pesticide 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.** Please describe how you made the pesticide that you used[[2]](#footnote-3)?

❑ a. Made of garlic and chili

❑ b. Not made with garlic and chili 🡪 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 |

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**Section B – Research Questions**

**Behavior Explanation**

In thefollowing questions I am going to be talking about spraying your garden with a home-made garlic and chili pesticide. By this I mean a pesticide you made yourself using garlic, chili peppers, an onion and soap (show a diagram or picture of the ingredients of the pesticide).

*(Perceived Self-efficacy)*

**1a. *Doers***: What made it ***easier*** for you to spray home-made garlic and chili pepper pesticide on your garden?

**1b.** ***Non-doers***: What would make it ***easier*** for you to spray home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Self-efficacy)*

**2a. *Doers***: What made it ***difficult*** for you to spray home-made garlic and chili pepper pesticide on your garden?

**2b.** ***Non-doers***: What would make it ***difficult*** for you to spray home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Positive Consequences)*

**3a.** ***Doers:*** What are the ***advantages*** of spraying home-made garlic and chili pepper pesticide on your garden?

**3b. *Non-doers:*** What would be the ***advantages*** of spraying home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Negative Consequences)*

**4a.** ***Doers:*** What are the ***disadvantages*** of spraying home-made garlic and chili pepper pesticide on your garden?

**4b. *Non-doers:*** What would be the ***disadvantages*** of spraying home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Social Norms)*

**5a.** ***Doers:*** Who are the people that ***approve*** of you spraying home-made garlic and chili pepper pesticide on your garden?

**5b.** ***Non-doers:*** Who are the people that ***would approve*** of you spraying home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Social Norms)*

**6a.** ***Doers:*** Who are the people that ***disapprove*** of you spraying home-made garlic and chili pepper pesticide on your garden?

**6b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you spraying home-made garlic and chili pepper pesticide on your garden?

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

*(Perceived Access)*

**7a.** ***Doers:*** How difficult is it to get the ingredients you need to make the garlic and chili pepper pesticide?Very difficult, somewhat difficult or not difficult at all

**7b. *Non-doers:*** How difficult would it be to get the ingredients you need to make the garlic and chili pepper pesticide? Very difficult, somewhat difficult or not difficult at all

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all

*(Perceived Access)*

**8a.** ***Doers:*** How difficult is it to get the sprayer you need to apply the garlic and chili pepper pesticide to your garden?Very difficult, somewhat difficult or not difficult at all

**8b. *Non-doers:*** How difficult would it be to get the sprayer you need to apply the garlic and chili pepper pesticide to your garden? 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 how to make the garlic and chili pepper pesticide? Very difficult, somewhat difficult, or not difficult at all?

**9b. *Non-doers:*** How difficult do you think it would be to remember how to make the garlic and chili pepper pesticide? 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)*

**10a. *Doers:*** How difficult is it to remember when to apply the pesticide to you garden? Very difficult, somewhat difficult, or not difficult at all?

**10b. *Non-doers:*** How difficult do you think it would be to remember when to apply the pesticide 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)*

**11.** ***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)*

**12.** **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)*

**13. Doers and Non-doers**: If you apply garlic and chili pepper pesticide 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)*

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

❑ a. Yes

❑ b. Maybe

❑ c. No

*(Culture)*

**15. *Doers and Non-doers*:** Are there any cultural rules or taboos against spraying home-made garlic and chili pepper pesticide on 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)*

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

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

1. This questionnaire can be modified to include other types of homemade pesticides. [↑](#footnote-ref-2)
2. During their training, interviewers should be taught what to listen for regarding the description of the pesticide. Listening for key words such as garlic, chili pepper and soap would be critical. [↑](#footnote-ref-3)