Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Double Digging**

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

**Behavior Statement**

Female gardeners with children under age 5 years

dig 20 centimeters into the sub soil when preparing

garden beds for planting for the first time.

**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 improve garden productivity. 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. 5 years or younger

❑ b. older than 6 years 🡪 End interview and look for another respondent

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

**2.** In the past growing season did you plant a garden?

❑ a. Yes

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

❑ c. Do not know / no response 🡪 *End interview and look for another respondent*

**3.** In the past growing season when you were preparing your garden beds, how deep did you dig into the soil?[[1]](#footnote-1)

❑ a. double dug

❑ b. did not double dig 🡪 Mark as Non-doer and continue to Section B

❑ c. Do not 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 |

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**Section B – Research Questions**

**Behavior Explanation:**

In thefollowing questions I am going to be talking about *double digging* your garden beds. By this I mean digging about 20 cm – show the stick (or a picture) that is 20 cm long – into the subsoil when preparing your garden beds for planting.

*(Perceived Self-efficacy)*

**1a. *Doers***: What makes it ***easier*** for you to double dig your garden bed?

**1b.** ***Non-doers***: What would make it ***easier*** for you to double dig your garden bed?

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

*(Perceived Self-efficacy)*

**2a. *Doers***: What makes it ***difficult*** for you to double dig your garden bed?

**2b.** ***Non-doers***: What would make it ***difficult*** for you to double dig your gardenbed?

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

*(Perceived Positive Consequences)*

**3a.** ***Doers:*** What are the ***advantages*** of double digging your garden bed?

**3b. *Non-doers:*** What would be the ***advantages*** of double digging your garden bed?

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

*(Perceived Negative Consequences)*

**4a.** ***Doers:*** What are the ***disadvantages*** of double digging your garden bed?

**4b. *Non-doers:*** What would be the ***disadvantages*** of double digging your gardenbed?

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

*(Perceived Social Norms)*

**5a. *Doers:*** Do most of the people that you know approve of you double digging your garden bed?

**5b.** ***Non-doers***: Would most of the people that you know approve of you double digging your garden bed?

❑ a. Yes

❑ b. Maybe

❑ c. No

*(Perceived Social Norms)*

**6a.** ***Doers:*** Who are the people that ***approve*** of you double digging your garden bed?

**6b.** ***Non-doers:*** Who are the people that ***would approve*** of you double digging your garden bed?

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

*(Perceived Social Norms)*

**7a.** ***Doers:*** Who are the people that ***disapprove*** of you double digging your garden bed?

**7b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you double digging your garden bed?

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

*(Perceived Access)*

**8a.** ***Doers:*** How difficult is it to get a digging tool you need to double dig your garden bed?

**8b. *Non-doers:*** How difficult would it be to get a digging tool you need to double dig your garden bed?

❑ 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 deep 20cm is? Very difficult, somewhat difficult, or not difficult at all?

**9b. *Non-doers:*** How difficult would it be to remember how deep 20 cm is? 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 produce enough vegetables for your family the next time you plant your garden? 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 produce enough vegetables for your family? 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 double dig your garden, how likely is it that you will be able to grow more vegetables in your garden? 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 your garden to grow well?

❑ a. Yes

❑ b. Maybe

❑ c. No

*(Culture)*

**14. *Doers and Non-doers:*** Are there any cultural rules or taboos against double digging your garden bed?

❑ 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. For this question the interviewer should have 3 sticks of different lengths. One of the sticks should be the length of the equivalent of ‘double digging’ for that particular area. The other two sticks should be shorter. The interviewer should show the three sticks to the woman and ask her to choose the stick that is closest to the depth she dug when preparing her garden beds. [↑](#footnote-ref-1)