Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Testing Seeds**

**for use with farmers planting seed crops**

**Behavior Statement**

Targeted farmers cultivating seed crops test the viability of their seeds

(place seeds on wet cloth/paper for 7 days[[1]](#footnote-2) and examine for germination)

within one month after harvest and before planting.

**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 farmers do to increase production. The study includes a discussion of this issue and will take about 20 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. What is your primary occupation?

❑ a. Farmer

❑ b. Anything other than farmer 🡪 *End interview and look for another respondent*

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

What is the main crop that you plant? [maize, rice, sorghum, millet, or other seed crop]

I would like you to think about the things you did in the month before you planted your last crop of [insert crop they mention above] \_\_\_\_\_\_\_\_\_\_\_.

2. Did you test your seeds to make sure they were healthy and would produce a good crop?

❑ a. Yes

❑ b. No 🡪 *mark as Non-doer*

❑ c. Won’t say 🡪 *End interview and look for another respondent*

3. Please explain to me how you tested the seeds before planting them.

❑ a. placed seeds on wet cloth/paper/surface and watched to see how many germinated within 7 days

❑ b. some other process dissimilar to the one above 🡪 Mark as Non-doer

❑ c. Doesn’t know/Won’t say 🡪 *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 3 = B | Question 2 = C |
| Question 3 = A | Question 3 = B | Question 3 = C |

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**Behavior Explanatio**n - In the following questions I am going to be asking you about ‘testing your seeds’. By this I mean taking 20 seeds that you intend to plant and placing them on a wet cloth or paper and then watching them over a period of 7 days to see how many of them germinate. This you would do within a month of harvest and one month prior to planting.

**Section B – Research Questions**

*(Perceived Self-efficacy)*

1. **Doers and Non-doers:** With your present knowledge, money, and skills do you think that you could test your seeds in the month after you harvest and the month before you plant?

❑ a. Yes

❑ b. Possibly

❑ c. No

❑ d. Don’t Know

*(Perceived Self-efficacy)*

**2a. *Doers***: What makes it ***easier*** for you to test your seeds in the month after you harvest and the month before you plant?

**2b.** ***Non-doers***: What would make it ***easier*** for you to test your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Self-efficacy)*

**3a. *Doers***: What makes it ***difficult*** for you to test your seeds in the month after you harvest and the month before you plant?

**3b.** ***Non-doers***: What would make it ***difficult*** for you to test your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Positive Consequences)*

**4a.** ***Doers:*** What are the ***advantages*** of testing your seeds in the month after you harvest and the month before you plant?

**4b. *Non-doers:*** What would be the ***advantages*** of testing your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Negative Consequences)*

**5a.** ***Doers:*** What are the ***disadvantages*** of testing your seeds in the month after you harvest and the month before you plant?

**5b. *Non-doers:*** What would be the ***disadvantages*** of testing your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Social Norms )*

**6a. *Doers:*** Do most of the people that you know approve of you testing your seeds in the month after you harvest and the month before you plant?

**6b.** ***Non-doers***: Would most of the people that you know approve of you testing your seeds in the month after you harvest and the month before you plant?

❑ a. Yes

❑ b. Possibly

❑ c. No

❑ d. Don’t Know / Won’t say

*(Perceived Social Norms )*

**7a.** ***Doers:*** Who are the people that ***approve*** of you testing your seeds in the month after you harvest and the month before you plant?

**7b.** ***Non-doers:*** Who are the people that ***would approve*** of you testing your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Social Norms )*

**8a.** ***Doers:*** Who are the people that ***disapprove*** of you testing your seeds in the month after you harvest and the month before you plant?

**8b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you testing your seeds in the month after you harvest and the month before you plant?

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

*(Perceived Access)*

**9a.** ***Doers:*** How difficult is it to get the things you need to test your seeds in the month after you harvest and the month before you plant? Very difficult, somewhat difficult, or not difficult at all?

**9b. *Non-doers:*** How difficult would it be to get the things you need to test your seeds in the month after you harvest and the month before you plant? Very difficult, somewhat difficult, not difficult at all

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all.

❑ d. Don’t Know / Won’t say

*(Perceived Cues for Action / Reminders)*

**10a. *Doers:*** How difficult is it to remember to test your seeds in the month after you harvest and the month before you plant? Very difficult, somewhat difficult, or not difficult at all?

**10b. *Non-doers:*** How difficult do you think it would be to remember to test your seeds in the month after you harvest and the month before you plant? Very difficult, somewhat difficult, or not difficult at all? Very difficult, somewhat difficult, or not difficult at all?

❑ a. Very difficult

❑ b. Somewhat difficult

❑ c. Not difficult at all.

❑ d. Don’t Know / Won’t say

*(Perceived Susceptibility / Perceived Risk)*

**11.** ***Doers* *and Non-doers:*** How likely is it that you will have a poor harvest because many of your seeds don’t germinate well?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perceived Severity)*

**12.** **Doers and Non-doers:** How serious would it be if many of your seeds didn’t germinate? Very serious, somewhat serious, or not serious at all?

❑ a. Very serious

❑ b. Somewhat serious

❑ c. Not serious at all

❑ d. Don’t Know / Won’t say

*(Action Efficacy)*

**13. Doers and Non-doers** How likely is it that you would be able to get/buy better germinating seeds and have a good harvest, if your seed-test showed that your own seeds were not germinating well.

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 (or evil spirits)** makes seeds germinate?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Policy)*

**15. *Doers and Non-doers*:** Are there any community laws or rules in place that make it more likely that you test your seeds in the month after the harvest and the month before you plant?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Culture)*

**16. Doers and Non-doers:** Are there any cultural rules or taboos against testing your seeds in the month after the harvest and the month before you plant?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

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

*(Question on Universal Motivators)*

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

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

1. The length of the time will depend on the type of seed being tested. [↑](#footnote-ref-2)