Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Applying Compost to the field**

**for use with farmers**

**Behavior Statement**

Targeted farmers incorporate home-made compost made from brown and green material, animal manure, soil amendments and water, into the fields 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 improve the quality of the soil and increase productivity. 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. other than farmer 🡪 *End interview and look for another respondent*

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

During the last growing season, what was your staple crop? (What crop did you plant on the largest piece of land?) [maize, rice, sorghum, millet, other]

2. In the field where you planted the [insert name of the staple crop they mentioned]\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, before you planted did you add anything to the soil?

❑ a. Yes

❑ b. No 🡪 *Mark as Non-doer*

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

3. Can you please describe to me exactly what you added to the soil?[[1]](#footnote-2)

❑ a. compost made from brown and green material, animal manure, soil amendments and water

❑ b. None of the 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 2 = B | Question 2 = C  |
| Question 3 = A | Question 3 = B | Question 3 = C |

Group: ❑ Doer ❑ Non-doer

Behavior Explanation

In the following questions I am going to be asking you about spreading compost on your field. When I say this, I mean making compost at home made from brown and green material, animal manure, or soil amendments and water, and spreading this compost on your field before you plant.

**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 spread home-made compost on your field 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 spread home-made compost on your field before you plant?

**2b.** ***Non-doers***: What would make it ***easier*** for you to spread home-made compost on your field before you plant?

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

*(Perceived Self-efficacy)*

**3a. *Doers***: What makes it ***difficult*** for you to spread home-made compost on your field before you plant?

**3b.** ***Non-doers***: What would make it ***difficult*** for you to spread home-made compost on your field before you plant?

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

*(Perceived Positive Consequences)*

**4a.** ***Doers:*** What are the ***advantages*** of spreading home-made compost on your field before you plant?

**4b. *Non-doers:*** What would be the ***advantages*** of spreading home-made compost on your field before you plant?

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

*(Perceived Negative Consequences)*

**5a.** ***Doers:*** What are the ***disadvantages*** of spreading home-made compost on your field before you plant?

**5b. *Non-doers:*** What would be the ***disadvantages*** of spreading home-made compost on your field 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 spreading home-made compost on your field before you plant?

**6b.** ***Non-doers***: Would most of the people that you know approve of you spreading home-made compost on your field 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 spreading home-made compost on your field before you plant?

**7b.** ***Non-doers:*** Who are the people that ***would approve*** of you spreading home-made compost on your field before you plant?

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

*(Perceived Social Norms )*

**8a.** ***Doers:*** Who are the people that ***disapprove*** of you spreading home-made compost on your field before you plant?

**8b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you spreading home-made compost on your field 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 make compost?

**9b. *Non-doers:*** How difficult would it be to get the things you need to make compost?

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 Access)*

**10a.** ***Doers:*** How difficult is it to get the things you need to spread the compost on your field?

**10b. *Non-doers:*** How difficult would it be to get the things you need to spread the compost on your field?

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)*

**11a. *Doers:*** How difficult is it to remember to make home-made compost?

Very difficult, somewhat difficult, or not difficult at all?

**11b. *Non-doers:*** How difficult do you think it would be to remember to make home-made compost?

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 Cues for Action / Reminders)*

**12a. *Doers:*** How difficult is it to remember to spread home-made compost on your field before you plant? Very difficult, somewhat difficult, or not difficult at all?

**12b. *Non-doers:*** How difficult do you think it would be to remember to spread home-made compost on your field before you plant?

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)*

**13.** ***Doers* *and Non-doers:*** How likely is it that your soil will become infertile? very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perceived Severity)*

**14.** **Doers and Non-doers:** How serious would it be if your soil became infertile? 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)*

**15. Doers and Non-doers** How likely is it that your soil will become more fertile if you spread home-made compost on it? very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

 *(Perception of Divine Will)*

**16.*****Doers and Non-doers:***Do you think that **God (or evil spirits)** makes soil become weak and infertile?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Policy)*

**17. *Doers and Non-doers*:** Are there any community laws or rules in place that make it more likely that you spread home-made compost on your field before your plant?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Culture)*

**18. Doers and Non-doers:** Are there any cultural rules or taboos against spreading home-made compost on your field before your 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.*

*(Universal Motivators)*

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

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

1. This might require a bit of a discussion to determine exactly what the farmer put on the field and if it was home made. [↑](#footnote-ref-2)