Group: ❑ Doer ❑ Non-Doer

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| **Barrier Analysis Questionnaire**  **on applying compost to the field**  **for use with targeted farmers** |

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| **Behaviour Statement**  Targeted farmers incorporate home-made compost made from brown and green material, animal manure, soil amendments and water, to the fields before planting. |

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| **Interview Data**  Interviewer’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Questionnaire Number: \_\_\_\_\_\_\_\_\_  Date: \_\_\_\_/\_\_\_\_/\_\_\_\_\_\_ Community: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Scripted Introduction**  Hello, 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 an interview regarding this topic and will take about 20 minutes. I would like to hear your views on this topic. You do not have to participate in the study and nothing will happen if you decide not to. Likewise, if you decide to be interviewed, you will not receive any material or other benefits. I will not record your name and everything you tell me will be held in strict confidence.  Would you like to talk with me? *[If not, thank the respondent for her/his time.]*  **Consent was provided**: YES NO |

### Section A: Doer/Non-Doer Screening Questions

**1. What is your primary occupation?**

❑ A. Farmer 🡪 *[Ask the next question*.*]*

❑ B. Other than farmer 🡪 *[End the interview and look for another respondent*.*]*

❑ C. Won’t say 🡪 *[End the interview and look for another respondent.]*

**2. During the last growing season, what staple crop did you plant on the largest piece of land?**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

❑ A. Yes 🡪 *[Ask the next question*.*]*

❑ B. No 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Won’t say 🡪 *[End the interview and look for another respondent.]*

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

❑ A. Compost made from brown and green material, animal manure, soil amendments and water 🡪 *[Mark the respondent as a DOER and continue to section B.]*

❑ B. None of the above 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Won’t say / Doesn’t know 🡪 *[End the interview and look for another respondent.]*

**DOER/NON-DOER CLASSIFICATION TABLE**

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| **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 3 = A | Question 3 = B | Question 3 = C |
| Question 4 = A | Question 4 = B | Question 4 = C |

**The respondent is: ❑ Doer ❑ Non-Doer**

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| **Behaviour 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 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

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| **If the respondent is a DOER =**  **🡫 only ask questions in this LEFT column 🡫** | **If the respondent is a NON-DOER =**  **🡫 only ask questions in this RIGHT column 🡫** |
| **1. Perceived Self-Efficacy/Skills** | |
| **1.1 Doers:** What makes it **easy** for you to spread home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* | **1.1 Non-Doers:** What would make it **easy** for you to spread home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* |
| **1.2 Doers:** What makes it **difficult** for you to spread home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* | **1.2 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?”]* |
| **2. Perceived Positive Consequences** | |
| **Doers:** What are the **positive consequences** of spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **positive consequences** of spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* |
| **3. Perceived Negative Consequences** | |
| **Doers:** What are the **negative consequences** of spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **negative consequences** of spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “What else?”]* |
| **4. Perceived Social Norms** | |
| **4.1 Doers:** Who are all the people that **approve** of you spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* | **4.1 Non-Doers:** Who are all 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? Anyone in particular?”]* |
| **4.2 Doers:** Who are all the people that **disapprove** of you spreading home-made compost on your field before you plant?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* | **4.2 Non-Doers:** Who are all 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? Anyone in particular?”]* |
| **5. Perceived Access** | |
| **Doers:** How difficult is it to get the materials you need to make compost? Is it very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all | **Non-Doers:** How difficult would it be to get the materials you need to make compost? Would it be very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all |
| **6. Perceived Cues for Action/Reminders** | |
| **Doers:** How difficult is it to remember to prepare home-made compost? Is it very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all | **Non-Doers:** How difficult do you think it would be to remember to prepare home-made compost? Would it be very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all |
| **7. Perceived Susceptibility/Vulnerability** | |
| **Doers:** How likely is it that your field will become less fertile each year? Is it very likely, somewhat likely or not likely at all?  ❑ A. Very likely  ❑ B. Somewhat likely  ❑ C. Not likely at all | **Non-Doers:** How likely is it that your field will become less fertile each year? Is it very likely, somewhat likely or not likely at all?  ❑ A. Very likely  ❑ B. Somewhat likely  ❑ C. Not likely at all |
| **8. Perceived Severity** | |
| **Doers:** How serious would it be if your field became increasingly less fertile each year? Would it be very serious, somewhat serious or not serious at all?  ❑ A. Very serious  ❑ B. Somewhat serious  ❑ C. Not serious at all | **Non-Doers:** How serious would it be if your field became increasingly less fertile each year? Would it be very serious, somewhat serious or not serious at all?  ❑ A. Very serious  ❑ B. Somewhat serious  ❑ C. Not serious at all |
| **9. Perceived Action Efficacy** | |
| **Doers:** How likely is it that your soil will become more fertile if you spread home-made compost on it? Is it very likely, somewhat likely or not likely at all?  ❑ A. Very likely  ❑ B. Somewhat likely  ❑ C. Not likely at all | **Non-Doers:** How likely is it that your soil will become more fertile if you spread home-made compost on it? Is it very likely, somewhat likely or not likely at all?  ❑ A. Very likely  ❑ B. Somewhat likely  ❑ C. Not likely at all |
| **10. Perceived Divine Will** | |
| **Doers:** Do you think that God makes soil become weak and infertile?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | **Non-Doers:** Do you think that God makes soil become weak and infertile?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **11. Culture** | |
| **Doers:** Are there any cultural rules or taboos against spreading home-made compost on your field before your plant?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | **Non-Doers:** Are there any cultural rules or taboos against spreading home-made compost on your field before your plant?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |

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| **Go through the questionnaire and check whether all answers were recorded.**  **Thank the respondent for her / his 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. The training of interviewers should cover this aspect of the interview very thoroughly. [↑](#footnote-ref-1)