Group: ❑ Doer ❑ Non-Doer

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| **Barrier Analysis Questionnaire**  **on leaving the crop residues in the fields (not burning it)**  **for use with targeted farmers** |

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| **Behaviour Statement**  Targeted farmers leave the crop residue in the field (do not burn it). |

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| **Demographic 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 fertility of their soil. 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. In the past 12 months, did you plant any …** [specify the main crops grown on the fields which farmers frequently burn]**?**

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

❑ B. No 🡪 *[End the interview and look for another respondent*.*]*

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

**2. I would like you to think about the period between your last harvest of** … [specify the crop the respondent planted] **and when you began planting the next crops. Can you please tell me all the things you did to your field during this time?**

❑ A. Did not burn the field 🡪 *[Mark the respondent as a DOER and continue to section B.]*

❑ B. Burnt the field 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Won’t say / No response 🡪 *[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 2 = A | Question 2 = B | Question 2 = C |

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

### 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 leave the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* | **1.1 Non-Doers:** What would make it **easy** for you to leave the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* |
| **1.2 Doers:** What makes it **difficult** for you to leave the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* | **1.2 Non-Doers:** What would make it **difficult** for you to leave the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* |
| **2. Perceived Positive Consequences** | |
| **Doers:** What are the **positive consequences** of leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **positive consequences** of leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* |
| **3. Perceived Negative Consequences** | |
| **Doers:** What are the **negative consequences** of leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **negative consequences** of leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “What else?”]* |
| **4. Perceived Social Norms** | |
| **4.1 Doers:** Who are all the people that **approve** of you leaving the crop residue in the field until you plant the next crop?  *[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 leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **4.2 Doers:** Who are all the people that **disapprove** of you leaving the crop residue in the field until you plant the next crop?  *[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 leaving the crop residue in the field until you plant the next crop?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **5. Perceived Cues for Action/Reminders** | |
| **Doers:** How difficult is it to remember to leave the crop residue in the field until you plant the next crop? 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 leave the crop residue in the field until you plant the next crop? 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 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 |
| **7. 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 |
| **8. Perceived Action Efficacy** | |
| ***Doers:*** How likely is it that your field will produce more if you leave the remnants of your last crop in the field until you plant again? 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 produce more if you leave the remnants of your last crop in the field until you plant again? Is it very likely, somewhat likely or not likely at all?  ❑ A. Very likely  ❑ B. Somewhat likely  ❑ C. Not likely at all |
| **9. Perceived Divine Will** | |
| ***Doers:*** Do you think that God causes soil to become infertile?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | ***Non-Doers:*** Do you think that God causes soil to become infertile?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **10. Policy** | |
| ***Doers:*** Are there any community laws or rules in place that made it more likely that you will leave the crop residue in the field until you plant the next crop?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | ***Non-Doers:*** Are there any community laws or rules in place that make it more likely that you will leave the crop residue in the field until you plant the next crop?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **11. Culture** | |
| ***Doers:*** Are there any cultural rules or taboos against leaving the crop residue in the field until you plant the next crop?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | ***Non-Doers:*** Are there any cultural rules or taboos against leaving the crop residue in the field until you plant the next crop?  ❑ 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!** |