Group: ❑ Doer ❑ Non-Doer

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| **Barrier Analysis Questionnaire**  **on safe storage of grain**  **for use with targeted farmers** |

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| **Behaviour Statement**  Targeted farmers store their harvested grain in bags[[1]](#footnote-1) off the ground and not touching any walls. |

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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 improve their yield. 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. Please think about the grain you harvested last year. Did you store some of that grain?**

❑ 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. Can you please describe to me in what type of container you used to store your grain?**

❑ A. Grain is stored in bags or some other locally appropriate containers[[2]](#footnote-2) 🡪 *[Ask the next question*.*]*

❑ B. Grain is stored loose (not in any containers) 🡪 *[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.]*

**3. I would like you to think about the type of place/granary where you store your grain. Are any of the bags of grain touching the ground?**

❑ A. No 🡪 *[Ask the next question*.*]*

❑ B. Yes 🡪 *[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. Are any of the bags of grain touching the walls/sides of the grain storage place?**

❑ A. No 🡪 *[Ask the next question*.*]*

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

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

**5. Could I please see where you are storing your grain?**

❑ A. Grain is in bags, off the ground and not touching the walls/sides of the granary/building.🡪 *[Mark the respondent as a DOER and continue to section B.]*

❑ B. Grain is not in bags and/or is touching the ground and/or is touching the walls/sides 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Not able to personally check grain storage place 🡪 *[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 |
| Question 3 = A | Question 3 = B | Question 3 = C |
| Question 4 = A | Question 4 = B | Question 4 = C |
| Question 5 = A | Question 5 = B | Question 5 = 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 store your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* | **1.1 Non-Doers:** What would make it **easy** for you to store your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* |
| **1.2 Doers:** What makes it **difficult** for you to store your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* | **1.2 Non-Doers:** What would make it **difficult** for you to store your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* |
| **2. Perceived Positive Consequences** | |
| **Doers:** What are the **positive consequences** of storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **positive consequences** of storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* |
| **3. Perceived Negative Consequences** | |
| **Doers:** What are the **negative consequences** of storing grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **negative consequences** of storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “What else?”]* |
| **4. Perceived Social Norms** | |
| **4.1 Doers:** Who are all the people that **approve** of you storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[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 storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **4.2 Doers:** Who are all the people that **disapprove** of you storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[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 storing your grain in bags, off the ground and not touching the walls of the grain storage place?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **5. Perceived Access** | |
| **5.1 Doers:** How difficult is it to get the bags you need to store your grain? Is it very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all | **5.1 Non-Doers:** How difficult would it be to get the bags you need to store your grain? Would it be very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all |
| **5.2 Doers:** How difficult is it to build / modify your grain storage place so that the bags of grain are kept off the ground? Is it very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all | **5.2 Non-Doers:** How difficult would it be to build / modify your grain storage place so that the bags of grain are kept off the ground? Would it be very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all |
| **5.3 Doers:** How difficult is it to build / access a grain storage place that keeps the bags of grain from touching the walls? Is it very difficult, somewhat difficult or not difficult at all?  ❑ A. Very difficult  ❑ B. Somewhat difficult  ❑ C. Not difficult at all | **5.3 Non-Doers:** How difficult would it be to build / access a grain storage place that keeps the bags of grain from touching the walls? 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 store your grain in bags, off the ground and not touching the walls? 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 store your grain in bags, off the ground and not touching the walls? 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 part of your stored grain will be lost due to rodents and other pests? 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 part of your stored grain will be lost due to rodents and other pests? 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 you lost a lot of your stored grain to rodents or other pests? 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 you lost a lot of your stored grain to rodents or other pests? 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 you would lose a lot of your grain if stored it in bags, off the ground and not touching the walls? 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 you would lose a lot of your grain if stored it in bags, off the ground and not touching the walls? 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 it is God’s will if you lose some of the grain you store?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | ***Non-Doers:*** Do you think that it is God’s will if you lose some of the grain you store?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **11. Culture** | |
| ***Doers:*** Are there any cultural rules or taboos against storing your grain in bags, off the ground and not touching the walls?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | ***Non-Doers:*** Are there any cultural rules or taboos against storing your grain in bags, off the ground and not touching the walls?  ❑ 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. The type of protective container will vary from place to place. [↑](#footnote-ref-1)
2. The types of locally appropriate containers should be identified and discussed/clarified during the training of the interviewers. [↑](#footnote-ref-2)