Group: ❑ Doer ❑ Non-Doer

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| **Barrier Analysis Questionnaire**  **on care seeking for sick livestock**  **for use with livestock owners**[[1]](#footnote-1) |

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| **Behaviour Statement**  Livestock (cattle, sheep, goats) owners whose livestock is sick ensure that the sick animal(s) is treated by a veterinarian or animal care worker within one week of noticing the symptoms. |

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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 livestock management practices. 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 his/her time.]*  **Consent was provided**: YES NO |

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

**1. Do you own any cows, sheep or goats?**

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

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

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

**2. In the past year have any of your animals had diarrhoea or a cough or nasal discharge or a loss of appetite?**

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

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

❑ C. Does not remember / no response 🡪 *[End the interview and look for another respondent.]*

**3. When you noticed that your animals were sick, what did you do?**

❑ A. Contacted the veterinarian or animal care worker 🡪 *[Ask the next question*.*]*

❑ B. Nothing or contacted someone else or treated the animal himself / herself 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Does not remember / no response 🡪 *[End the interview and look for another respondent.]*

**4.** **After you noticed that your animals were sick, how long did you wait until you contacted the veterinarian/animal care worker?**

❑ A. One week or less🡪 *[Mark the respondent as a DOER and continue to section B.]*

❑ B. More than one week 🡪 *[Mark the respondent as a NON-DOER and continue to section B.]*

❑ C. Does not remember / 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 or C |
| Question 3 = A | Question 3 = B | Question 3 = C |
| Question 4 = A | Question 4 = B | Question 4 = C |

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

### Section B: Research Questions

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| **Behaviour Explanation**  *“In the following questions I am going to be talking about seeking care quickly for your sick cows, sheep and goats. By this I mean inviting a veterinarian or trained animal health worker to come and treat your animals when they have diarrhoea, nasal discharge, loss of appetite or a cough, ideally within no more than one week of noticing the symptoms.”* [Consider creating a picture of livestock showing these signs of illness.] |

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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 seek care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* | **1.1 Non-Doers:** What would make it **easy** for you to seek care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* |
| **1.2 Doers:** What makes it **difficult** for you to seek care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* | **1.2 Non-Doers:** What would make it **difficult** for you to seek care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* |
| **2. Perceived Positive Consequences[[2]](#footnote-2)** | |
| **Doers:** What are the **positive consequences** of seeking care quickly from a veterinarian or animal health worker for your animals when they are sick? *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **positive consequences** of seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* |
| **3. Perceived Negative Consequences** | |
| **Doers:** What are the **negative consequences** of seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* | **Non-Doers:** What would be the **negative consequences** of seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “What else?”]* |
| **4. Perceived Social Norms** | |
| **4.1 Doers:** Who are all the people that **approve[[3]](#footnote-3)** of you seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[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 seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **4.2 Doers:** Who are all the people that **disapprove** of you seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[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 seeking care quickly from a veterinarian or animal health worker for your animals when they are sick?  *[Write all responses below. Probe with “Who else? Anyone in particular?”]* |
| **5. Perceived Access** | |
| **5.1 Doers:** How difficult is it to contact a veterinarian / animal health worker when your animals get sick? 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 contact a veterinarian / animal health worker when your animals get sick? 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 get the veterinarian / animal health worker to come and examine your animal within a few days from contacting him/her? 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 get the veterinarian / animal health worker to come and examine your animal within a few days from contacting him/her? 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 pay for the services of a veterinarian / animal health worker when you need to have your sick animals treated? 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 pay for the services of a veterinarian / animal health worker when you need to have your sick animals treated? 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 call the veterinarian when your animals are sick? 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 remember to call the veterinarian when your animals are sick? 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 animals would get sick and die due to illness in the coming 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 animals would get sick and die due to illness in the coming 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 animals got sick and died? 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 animals got sick and died? 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 animals will die if you call the veterinarian or animal health worker soon after the notice the symptoms of the illness? 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 animals will die if you call the veterinarian or animal health worker soon after the notice the symptoms of the illness? 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 that some animals get sick and die?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | **Non-Doers:** Do you think that it is God’s will that some animals get sick and die?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **11. Policy** | |
| **Doers:** Are there any community laws or rules that make it more likely that you call the veterinarian or animal health worker when your animals are sick?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | **Non-Doers:** Are there any community laws or rules that make it more likely that you call the veterinarian or animal health worker when your animals are sick?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No |
| **12. Culture** | |
| **Doers:** Are there any cultural rules or taboos against seeking care from a veterinarian or animal health worker for your animals when they are sick?  ❑ A. Yes  ❑ B. Maybe  ❑ C. No | **Non-Doers:** Are there any cultural rules or taboos against seeking care from a veterinarian or animal health worker for your animals when they are sick?  ❑ 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. In many contexts, animals are sometimes supervised by people other than their actual owners. In such cases, you will have to consider whether to interview these people. If they cannot independently contact a vet, your focus should be on them quickly informing the owner (or whoever has the decision-making power) about the illness after noticing the symptoms. [↑](#footnote-ref-1)
2. *Positive consequences can be translated also as “the positive things that happen when you [insert the behaviour]”.*  [↑](#footnote-ref-2)
3. *The meaning of “approve” in this question is very subtle. It implies the idea of “in favour of….” It does not mean “give permission” or “allow”. Translators should use care when selecting the word to convey the meaning of this word and also of “disapprove”.* [↑](#footnote-ref-3)