Group: ❑ Doer ❑ Non-Doer

**Barrier Analysis Questionnaire :**

**Poultry Vaccinating against Newcastle[[1]](#footnote-2) Disease for use with Household Poultry Raisers**

**Behavior Statement**

Targeted poultry raisers ensure that their chickens are vaccinated by a qualified person against Newcastle Disease twice per year; or according to the schedule recommended by the national veterinary department. [[2]](#footnote-3)

**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 household poultry raisers do to improve the health of their flock. 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. Do you own any chickens?

❑ a. Yes

❑ b. No 🡪 *End interview and look for another respondent*

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

2. How many adult (over 6 months old) chickens do you own now[[3]](#footnote-4)?

❑ a. 10 or more

❑ b. 9 or fewer 🡪 *End interview and look for another respondent*

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

3. I would like you to think of all the things you have done with your flock of chickens since this time last year and tell me all the things you did to improve the health of your flock.

❑ a. had them vaccinated

❑ b. any other things mentioned accept vaccination 🡪 *Mark as Non-doer*

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

4. Against what disease(s) did you vaccinate your chickens in the last year?

❑ a. Newcastle Disease

❑ b. any disease other than Newcastle Disease 🡪 Mark as Non-doer

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

5. How many times in the last year did you have your chickens vaccinated against Newcastle Disease?

❑ a. Once[[4]](#footnote-5)

❑ b. Doesn’t know/Won’t say 🡪 *End interview and look for another respondent*

6. At the time the flock was vaccinated, what portion of your flock was vaccinated against Newcastle Disease? (*Read the following responses*)

❑ a. All of them 🡪 *Mark as Doer*

❑ b. Between half and 100% of the flock 🡪 *Mark as Doer*

❑ c. Less than half of the flock 🡪 *Mark as Non-doer*

❑ d. Doesn’t know/Won’t say 🡪 *End interview and look for another respondent*

7. Who vaccinated your chickens against Newcastle Disease[[5]](#footnote-6)?

❑ a. Local Veterinarian or other appropriate response

❑ b. myself, local animal healer, other inappropriate response 🡪 *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 or 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 6 = A or B | Question 6 = C | Question 6 = D |
| Question 7 = A | Question 7 = B | Question 7 = C |

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Behavior Explanation

In the following questions I am going to be asking you about vaccinating your chickens against Newcastle Disease according to the recommended schedule. When I say this, I mean having a qualified person vaccinate the entire flock of chickens against Newcastle Disease at least every 6 months.

**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 ensure that your chickens are vaccinated against Newcastle Disease at least every six months?

❑ a. Yes

❑ b. Possibly

❑ c. No

❑ d. Don’t Know

*(Perceived Self-efficacy)*

**2a. *Doers***: What makes it ***easier*** for you to ensure that your chickens are vaccinated against Newcastle Disease at least every six months?

**2b.** ***Non-doers***: What would make it ***easier*** for you to ensure that your chickens are vaccinated against Newcastle Disease at least every six months?

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

*(Perceived Self-efficacy)*

**3a. *Doers***: What makes it ***difficult*** for you to ensure that your chickens are vaccinated against Newcastle Disease at least every six months?

**3b.** ***Non-doers***: What would make it ***difficult*** for you to ensure that your chickens are vaccinated against Newcastle Disease at least every six months?

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

*(Perceived Positive Consequences)*

**4a.** ***Doers:*** What are the ***advantages*** of having your chickens vaccinated against Newcastle Disease at least every six months.

**4b. *Non-doers:*** What would be the ***advantages*** of having your chickens vaccinated against Newcastle Disease at least every six months.

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

*(Perceived Negative Consequences)*

**5a.** ***Doers:*** What are the ***disadvantages*** of having your chickens vaccinated against Newcastle Disease at least every six months?

**5b. *Non-doers:*** What would be the ***disadvantages*** of having your chickens vaccinated against Newcastle Disease at least every six months?

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

*(Perceived Social Norms )*

**6a. *Doers:*** Do most of the people that you know approve of you having your chickens vaccinated against Newcastle Disease at least every six months?

**6b.** ***Non-doers***: Would most of the people that you know approve of you having your chickens vaccinated against Newcastle Disease at least every six months?

❑ 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 having your chickens vaccinated against Newcastle Disease at least every six months?

**7b.** ***Non-doers:*** Who are the people that ***would approve*** of you having your chickens vaccinated against Newcastle Disease at least every six months?

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

*(Perceived Social Norms )*

**8a.** ***Doers:*** Who are the people that ***disapprove*** of you having your chickens vaccinated against Newcastle Disease at least every six months?

**8b.** ***Non-doers:*** Who are the people that ***would disapprove*** of you having your chickens vaccinated against Newcastle Disease at least every six months?

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

*(Perceived Access)*

**9a.** ***Doers:*** How difficult is it to get the services of a veterinarian (or other appropriate person) to vaccinate your chickens against Newcastle Disease at least every six months ?

**9b. *Non-doers:*** How difficult would it be to get the things you need to get the services of a veterinarian (or other appropriate person) to vaccinate your chickens against Newcastle Disease at least every six months? 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)*

**10a. *Doers:*** How difficult is it to remember to vaccinate your chickens against Newcastle Disease at least every six months? Very difficult, somewhat difficult, or not difficult at all?

**10b. *Non-doers:*** How difficult do you think it would be to remember to vaccinate your chickens against Newcastle Disease at least every six months?

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)*

**11.** ***Doers* *and Non-doers:*** How likely is it that many of your flock of chickens will get sick or die of Newcastle Disease? Very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perceived Severity)*

**12.** **Doers and Non-doers:** How serious would it be if many of your flock of chickens got sick or died of Newcastle Disease? 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)*

**13. Doers and Non-doers** How likely is it that your chickens will get Newcastle Disease if you vaccinate them at least every six months? Very likely, somewhat likely or not likely at all?

❑ a. Very likely

❑ b. Somewhat likely

❑ c. Not likely at all

*(Perception of Divine Will)*

**14.*****Doers and Non-doers:***Do you think that **God** makes chickens get sick and die?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

**15.*****Doers and Non-doers:***Do you think that **God approves** of vaccinating chickens?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Policy)*

**16. *Doers and Non-doers*:** Are there any community laws or rules in place that make it more likely that you vaccinate your flock against Newcastle Disease?

❑ a. Yes

❑ b. No

❑ c. Don’t Know / Won’t say

*(Culture)*

**17. Doers and Non-doers:** Are there any cultural rules or taboos against vaccinating your flock against Newcastle Disease?

❑ 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.*

*(Question on Universal Motivators)*

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

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

1. It will be important to find out the local name for Newcastle disease through discussions with local Vets and use this throughout the questionnaire. [↑](#footnote-ref-2)
2. Always use the vaccine according to the vaccine manufacturer’s guidance. [↑](#footnote-ref-3)
3. Project implementers will want to define their target group by setting an expected size of flock. [↑](#footnote-ref-4)
4. The ideal behavior has been “relaxed” from three times per year – the ideal behavior - to once; to increase chances of getting 45 doers. [↑](#footnote-ref-5)
5. Who is considered an appropriate person to vaccinate will vary from locale to locale. [↑](#footnote-ref-6)