Supplementary

Universtiteit van Pretoria
University of Pretoria
Yunibesithi ya Pretoria
Faculty of Veterinary Science

Stock card No........................................ Date..............................

QUESTIONNAIRE FOR THE EVALUATION OF HERD LEVEL FMD VACCINATION COVERAGE
WITHIN THE MNISI COMMUNITY SOUTH AFRICA

The University of Pretoria, Faculty of Veterinary Science is conducting a study on herd-level
FMD vaccination coverage of cattle within the Mnisi (Bushbuckridge) study region,
Mpumalanga, South Africa.

You have been selected as one of our respondent to kindly answer the questions with your
consent and personal experience. The answers provided will be kept strictly confidential and
will be used for research and planning purposes.

Kindly tick √ ☐ to indicate that the respondent consent to participate in this study.

Thank you for your cooperation.

SECTION A (OWNER DEMOGRAPHIC)

1. Name (optional)............................................................ ☐ Owner ☐ Handler

2. Address.............................................................................................................

3. Gender ☐ M ☐ F

4. Date of birth..................................................

5. Marital status ☐ Single ☐ Married ☐ Divorced ☐ Widow

6. The highest level of education that you have completed...............................
7. What is your most important source of income?
   □ Livestock  □ Crop  □ Other (specify) ..........................................................

8. Other occupation ................................................................................................

SECTION B (HERD MANAGEMENT)

1. How many cattle do you have today ..............................................................

2. How many herds do you keep ......................................................................

3. Which of the following animals do you keep in addition to cattle?
   □ Pig   □ Sheep □ Goat   □ Buffalo (domestic)   □ Kudu □ Chicken

4. When was the last time that you purchased animals? □ N/A Date ............

5. When was the last time you sold animals from your herd? □ N/A Date ......

6. When was the last time you introduced a new stock to your herd? □ N/A Date .......

7. When did you start raising animals?   Year  ......................

8. What is the source of water to your animals during grazing? □ Pipe □ Well □ Pond

SECTION C (GENERAL DISEASE CONTROL)

1. Vaccination can reduce disease in animals.
   □ Yes  □ No  □ Unsure

2. Vaccination can make animals sick.
   □ Yes  □ No  □ Unsure

3. Vaccination can cause abortion in animals.
   □ Yes  □ No  □ Unsure

4. Vaccination improves the well-being of animals.
   □ Yes  □ No  □ Unsure

5. Vaccination can decrease feed consumption in animals.
   □ Yes  □ No  □ Unsure
6. Do you change the management of your animals after vaccination?
   □ Yes □ No

7. If yes, how..............................................................................................................................

8. Should sick animals be presented for vaccination? □ Yes □ No

9. Should pregnant animals be presented for vaccination? □ Yes □ No

10. How satisfied are you with the dip tank vaccination programme?
    □ Very satisfied □ Little satisfied □ Not satisfied at all

11. How satisfied are you with the dip tank community?
    □ Very satisfied □ Little satisfied □ Not satisfied at all

12. Does the weekly dipping exercise reduce tick-borne disease? □ Yes □ No □ Unsure

13. Regular dipping of cattle waste time for grazing. □ Yes □ No □ Unsure

14. During dip tank session, much time is spent organising animals. □ Yes □ No

15. During dip tank session, less time is spent inspecting animals. □ Yes □ No

16. Which of the following is your favourite dip tank exercise?
    □ Inspection □ Dipping □ Vaccination Others (Specify)..............................................

17. How frequently have your cattle been vaccinated? .................times

SECTION C (KNOWLEDGE OF FMD EPIDEMIOLOGY)

1. Do you know a disease that causes ulcers on the tongue, feet and udder of cattle?
   □ Yes □ No

2. What name do you call this disease in your native dialect?.................................

3. When did you last observed this disease in your herd? □ Never Date......................

4. Have any of your animals died from this disease?
   □ Yes □ No

5. What age groups were mostly affected? □ Young □ Adults
6. How do you manage disease animals?
   □ Call a vet. □ Treat yourself □ Culling/sell □ Slaughter □ Euthanasia

7. Have you ever come in contact with wildlife during grazing? □ Yes □ No

8. Do you graze close to the park fence during typical periods of the season?
   □ Yes □ No

9. On the average how many kilometres do you graze a day? .................................

10. Which of the following do you feel is responsible for this disease outbreak around the
    KNPI?
    □ Buffalo escape □ Impala escape □ grazing around park □ Introduction of new
    stock □ Other (specify).................................................................................