

Supplementary



**UNIVERSITEIT 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).....