

Prevalence, Etiology and Risk Factors of Mastitis in Dairy Cattle in Embu and Kajiado Counties, Kenya

FARMS SURVEY QUESTIONNAIRE FOR DAIRY FARMERS

To be filled once for each farm

Demographic information	
Farm no	
Name of the respondent	
Gender	
Telephone Number of respondent	
Age	
Date of the interview	
County	
Sub –County	
Division	
Location	
Village	
GPS coordinates	
Agro-ecological zone (AEZ)	

Farm Background

1. Who manages the farm?

A) Owner B) Relative C) Employee
2. What is your level of education?

A) Informal __ B) Primary__ C) Secondary _____ D) University _____
3. For how long have you been keeping dairy cattle

A) <1 year _____ b)>1 year and <5 years _____ c) >5 year _____
4. Production system

A) Intensive __ B) Semi intensive____ C) Extensive____
5. How many dairy cows do you have? _____
6. What cattle breed do you keep a) Local _____ b) Exotic____ c) Crosses____
7. Do you keep records? Yes _____ No_____

If yes specify a) Production____ b) Breeding____ C) others (specify)

8. Any given to the cows' supplements? a) No ____ b) Yes ____
9. Are the cattle housed with a roof? A) No ____ B) Yes ____
10. If housed, what is the nature of the floor where the milking cows lie down? A) Concrete ____ B) Earthen ____
11. Presence of Bedding Yes ____ No ____
12. How often is the floor cleaned?
A. Daily ____ B) Weekly ____ C) Monthly ____ D) Others (specify) ____

Mastitis and control practices

1. Have you ever experience cases of mastitis in the farm? 1) Yes __ 2) No ____
2. Do you milk mastitic cows last? 1) Yes ____ 2) No ____
3. Is the cow milked using proper technique (observe)? 1) Yes ____ 2) No ____
4. Do you wash hands before milking the cows? 1) Yes ____ 2) No ____
5. a) Do you wash the udder pre-milking? 1) Yes ____ 2) No ____

b) Is the udder dried before milking with clean cloth/towel/paper? 1) Yes ____ 2) No ____

c) Is a different clean drying cloth/towel/paper used for each milking cow? 1) Yes ____ 2) No ____

d) if you have > 1 milking cow, do you wash your hands between milking cows? Yes ____ No ____
6. Do you use a teat dip post milking? 1) Yes ____ 2) No ____
7. Do you practice dry cow therapy? 1) Yes __ 2) No ____
8. Do you cull chronically infected cows? 1) Yes ____ 2) No ____
9. Who treats your animals?
a) Vet Surgeon b) Animal Health Assistant c) Self d) Others (specify) _____
10. Do they perform any test to confirm mastitis?
a) CMT b) Alcohol test c) Culture d) Other (specify) _____
11. For how long did mastitis during the last case take to resolve (in general)?
a) One week

b) Above one week

c) Never resolved

Cow characteristics details

Cow ID	Breed	Parity	Milk production per day in L	Stage of lactation (1-2)Early (3-6) mid (>7)late	History of mastitis(yes/No)	CMT results for each quarter
Cow 1						FR HR FL HL
Cow 2						FR HR FL HL