

Supplementary Material I

Questionnaire on production parameters of the rural property and use of antimicrobials.

01- Identification

Municipality: _____ Microregion: _____ State: _____

Producer: _____ Education: _____

Employee: _____ Education: _____

Property Name: _____

Visit date: ____/____/____

02- Property characterization

1. Type of exploitation: () Beef () Milk () Mixed
 2. Type of rearing: () Extensive () Semi-intensive () Intensive: Type of housing: _____
 3. Number of milkings per day: () 1 milking () 2 milkings () 3 milkings
 4. Type of milking: () Manual () Mechanical at the foot () Mechanical in the milking parlor
 5. Predominant breed: Cattle: () Zebu () European dairy cattle: _____ () Crossbred: _____
 6. Total number of existing cattle: _____
 7. Number of lactating cows: _____
 8. Daily milk production on the farm: _____ liters
 9. Veterinary assistance: () Yes () No
 10. Type of assistance: () Distance () Face-to-face
 11. Veterinary assistance is provided by: () Hired/private veterinarian () A cooperative veterinarian () Veterinarian from a company that sells inputs
 12. Assisted veterinary areas: () Reproduction () Nutrition () Milk quality () Clinic/surgery () Sanity
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13. Type of flooring in the milking parlor: () Earthen floor () Concrete
 14. Is the facility cleaned? () Yes () No
 15. Before or after milking? () Before () After () Both

16. Frequency of cleaning the facilities: () Daily () Once a week () 2-3 times a week () Once a month

17. What type of cleaning is performed? () Picking () Sweeping () Washing

18. What products are used to clean the facilities/floor? _____

03- Characterization of the use of veterinary drugs

1. What is an antibiotic? _____
() Knows what it is () Does not know what it is

2. Do you use antibiotics in the dairy herd? () Yes () No

3. Who recommends the use of the drug?
() Own initiative () Veterinarian who assists the property () Shopkeeper

4. When do you use antibiotics? _____
() For disease prevention and treatment
() Cow drying off () Not used () Other: _____

5. For the treatment of which diseases do you use antibiotics?
() Mastitis () Carbuncle () Poisoning () Diarrhea () Parasitic sadness/tick disease () Hoof
() Pneumonia () Other(s): _____

6. What product(s) is(are) used?
Commercial name: _____

7. How many times is this drug(s) administered per animal in the treatment of a given disease?
() Depends on the disease () Follows a pattern: _____ days
() Follows the package insert () According to the veterinarian's instructions

8. Do you discard the milk of the animal being treated? () Yes () No

9. Do you discard milk from all quarters? () Yes () No

10. What is the criterion for discarding milk with residue?
() Package insert () Dairy factory () Own decision: _____ days

11. What is the destination of the milk produced during the treatment with antibiotics?
() Fresh human consumption () Provides to a dairy factory
() Animal feed () Production of derivatives
() Discards together with the milking washing water
() Others: _____