

Survey Questionnaire

Section 1: Information and Informed Consent

Title of Study: Prevailing Diseases and Prevention Measures of Dairy Cows in Ethiopia

Introduction: You are invited to participate in a research study about dairy cattle health and management. The purpose of this survey is to identify common diseases and evaluate current prevention measures among dairy farmers.

Participation: Your participation is voluntary. You may choose not to answer any question or withdraw at any time.

Confidentiality: All information collected will be kept confidential and used for research purposes only.

Consent: By proceeding with this survey, you agree that you have been informed about the study and voluntarily consent to participate.

Do you agree to participate? ☐ Yes ☐ No

Section 2: Socio-Demographic Information

Area location: _____

Gender: ☐ Male ☐ Female

Age: _____ (Years)

Education Level: ☐ No formal education ☐ Primary ☐ Secondary
☐ College/University

Years in Dairy Farming: _____ (Years)

Farm Size: ☐ Smallholder ☐ Medium-scale ☐ Large-scale

Section 3: Farm Characteristics and Management

Lactating cows: _____

Dry cows: _____

Heifers: _____

Calves: _____

Bulls: _____

Total number of cattle: _____

Breed(s) of cattle: _____

Average milk yield per cow (L/day): _____

Main purpose of milk: _____

Section 4: Housing, Hygiene and Biosecurity

Housing type: _____

Floor type: _____

Barn drainage: _____

Barn ventilation: _____

Cleaning frequency of barn: _____

Manure disposal method: _____

Water source for cattle: _____

Visitors allowed in barn/milking area: ☐ Yes ☐ No

If Yes, do they wear protective gear?: _____

Section 5: Animal Health and Disease Management

Have your cows experienced any diseases in the past 12 months? (Check all that apply):

- ☐ Mastitis
- ☐ Brucellosis
- ☐ Bovine TB
- ☐ FMD
- ☐ Lumpy Skin Disease
- ☐ Internal Parasites
- ☐ External Parasites
- ☐ Reproductive disorders
- ☐ Others

If other, specify: _____

Most common/problematic disease on farm:

- ☐ Mastitis
- ☐ Brucellosis
- ☐ Bovine TB
- ☐ FMD
- ☐ Lumpy Skin Disease
- ☐ Internal Parasites
- ☐ External Parasites
- ☐ Reproductive disorders
- ☐ Other

If other, specify: _____

How do you manage sick animals?:

- ☐ Isolate
- ☐ Treat with vet help
- ☐ Continue normal routine
- ☐ Other

If other, specify: _____

Where do you usually get veterinary services?:

- ☐ Government Vet
- ☐ Private Vet
- ☐ Traditional Vet
- ☐ No access

If other, specify: _____

Do you record illnesses and treatments?: _____

Vaccination frequency of cows: _____

Do you deworm your cattle?: _____

If yes, frequency: _____

Section 6: Milking Practices and Mastitis Management

Do you clean udders before milking?: _____

Do you use different milking towels per cow?: _____

Post-milking teat dipping?: _____

Udder massage before milking?: _____

If yes, duration in minutes: _____

Cleaning/disinfection of milking equipment:

- ☐ Boiling
- ☐ Detergent
- ☐ Disinfectants
- ☐ Not cleaned regularly

What do you think causes mastitis?:

- ☐ Dirty hands/equipment
- ☐ Infection
- ☐ Poor housing
- ☐ Don't know

How do you detect mastitis?:

- ☐ Visual signs
- ☐ Strip cup test
- ☐ Professional help
- ☐ Don't check

Section 7: Challenges and Training Needs

Challenges in dairy farming:

- ☐ Animal Health Challenges
- ☐ Nutrition & Feeding Challenges
- ☐ Reproductive & Breeding Challenges
- ☐ Management & Record-Keeping Challenges

- ☐ Economic & Financial Challenges
- ☐ Marketing & Value Chain Challenges
- ☐ Infrastructure & Resource Challenges
- ☐ Environmental & Climate Challenges

Topics you want training on (check all that apply):

- ☐ Disease prevention
- ☐ Milking hygiene
- ☐ Record keeping
- ☐ Feed & nutrition
- ☐ Mastitis detection
- ☐ Milk handling & cooling
- ☐ Proper drug use
- ☐ Other

Have you received training on dairy diseases or prevention?: _____

Willingness to participate in on-farm training: _____

Cooperative membership: _____

Work with extension/animal health agent: _____

Section 8: Closing

Any additional comments or suggestions to improve dairy health in your area?
