

Questionnaire Survey

Title: Study on the prevalence of Bovine Trypanosomiasis and Associated Risk Factors in Dangur District, metekel zone, North-western Ethiopia

Section 1: Demographic Information

1. **Sex:**
☐ Male ☐ Female
2. **Age:**
☐ <20 ☐ 21–30 ☐ 31–40 ☐ 41–50 ☐ >50
3. **Educational Level:**
☐ No formal education ☐ Primary education
☐ Secondary education ☐ College/University
4. **Years of Experience in Livestock Rearing:**
☐ 1–5 ☐ 6–10 ☐ 11–15 ☐ >15
5. **Kebele (Village) of Residence:** _____
6. **Number of Cattle Owned:**
☐ 1–5 ☐ 6–10 ☐ 11–20 ☐ >20

Section 2: Knowledge of Trypanosomosis

7. **Have you heard of bovine trypanosomosis (Gendi)?**
☐ Yes ☐ No
8. **If yes, what are the common signs and symptoms you observe in affected cattle?**
(You may select more than one)
☐ Weight loss
☐ Weakness/laziness
☐ Hair roughness
☐ Abortion
☐ Reduced milk production
☐ Death
☐ Others (please specify): _____
9. **What do you believe are the causes of the disease?**
☐ Fly bites (tsetse or others)
☐ Grazing in certain areas
☐ Supernatural causes

- ☐ Don't know
☐ Others (please specify): _____

Section 3: Seasonality and Transmission

10. In which seasons do you observe more cases of trypanosomosis in your cattle?

- ☐ Rainy season
☐ Dry season
☐ Both equally
☐ Not sure

11. Do you notice an increase in biting flies during certain seasons?

- ☐ Yes ☐ No

If yes, which season? _____

12. Do you believe the disease can spread from one animal to another?

- ☐ Yes ☐ No ☐ Not sure

Section 4: Management and Control Practices

13. What actions do you take when your cattle show symptoms of trypanosomosis?

- ☐ Visit veterinary clinic
☐ Use traditional/herbal treatment
☐ Do nothing
☐ Others (please specify): _____

14. How often do you access veterinary services in your area?

- ☐ Frequently ☐ Occasionally ☐ Rarely ☐ Never

15. Are tsetse fly control methods used in your area?

- ☐ Yes ☐ No ☐ Not sure

If yes, which methods?

- ☐ Insecticide spraying
☐ Fly traps
☐ Clearing bushes
☐ Others (please specify): _____

16. Do you use any indigenous or local practices to prevent or control the disease?

- ☐ Yes ☐ No

If yes, please describe: _____

Section 5: Additional Comments

17. Do you have any suggestions on how trypanosomosis could be better controlled in your area?
