The supplementary material

Supplementary material 1: Questionnaire on economic impact of epizootic lymphangitis, and knowledge and practice related to epizootic lymphangitis.

I.	General information			
Owners' name Address:	e (optional):			
	Woreda	Kebele	Tel	
SEX: Mal	e Female; Age:, # of:	family, Prima	ary source of Inco	ome
Educations complete a	al Level: □ Illiterate □ primary and above.	(read and write)		□ High school
1. Do you kno	w the disease epizootic lymph	angitis (nidift in vern	acular name)?	
□ Yes		□ no		
mentioned one	ove, can you describe the clinic e or more of the following typic the person will be deemed to kn).	cal symptoms or epid	emiological featu	
A. Freely and transm	movable cutaneous nodules de nissible.	veloped under the sk	in and follow a ly	mphatic line
B. Nodule	s mostly seen in legs, chest wa	ll and neck and make	e line, contagious	and chronic.
C. Rupture line.	ed nodule and discharge thick	yellow pus, ulcerating	g and spreading a	nd make a
D. lympha glands	denopathy, lymphangitis and o	cord like thickening o	of lymphatics and	neighboring
II.	Economic impact questions			
	ease provide the following info		orbidly and morta	ality of
2- Number3- Number4- For each	of cart animal owned: horse _ of horse and mule died by EL of horse and mule affected by h affected animal r of animals treated	in the last one year? the disease in the last	t one year?	·

b.	Fate of the animals: A) died (abandoned) B) recovered C) still sick/diseased
c.	If died, the estimated value/price of died animal: birr.
d.	If recovered/still diseased, how long was the illness period?Days.
e.	If recovered and/still diseased, how much percentage reduction was there in the working
	power of the animal (working time/day)?
f.	What is the average daily income gained from a normal car horse/mule per day?
g.	If the animal is still sick what is the chance of recovery? Estimated
	value/price of the animal And time duration of illness without
	work
h.	Cost related to care infected animal:
0	Average number of working hours lost for managing the sick animals
0	Average number of working hours lost for seeking treatment for sick animals
0	Average payment rate of a replacement laborer/hour in the locality of herd?birr
0	Cost of additional feed supplementation for the diseased one if any?

III. Knowledge and Practice Questions

a. Knowledge questions

- 1. Do you know the disease EL (Nidift)? A. Yes (1) B. No (0)
- 2. EL affects which species of animals? A. equines (1) B. Include other animals (0)
- 3. What are the most susceptible species to EL? A. horse (1) B. Other equines (0)
- 4. The most important clinical signs (Out of 3, with 1 point for each choice): A) freely movable cutaneous nodules in legs, chest wall and the neck. B) Nodules appearance follows lymphatic line and cord like thickening of lymphatics C) chronic, debilitating, pyogranulomatous and severe wound
- 5. Is EL transmissible between animals? Yes (1), No (0)
- 6. What are modes of transmission of EL (Out of 3, with 1 point for each choice)? A) contact B) vehicle (harness, whip, brush) C) fly and tick bits
- 7. Clinical course of the disease: A) less than one month (0) B) greater than one month (1)
- 8. Do you think is EL a curable disease? A) Yes (1) B) No (0)
- 9. Is the prognosis of the disease good if treated early? A. yes (1) B. No, it doesn't make a difference (0)
- 10. What are the risk factors (Out of 4, with 1 point for each choice)? A) Pre-existing wounds B) Share of harness, whips, cleaning brushes C) Gathering with other infected cart animal D) Housing/feeding together with infected animals

b. Practice questions

- 1. Did you get any training on EL before this time? Yes (1), No (0)
- 2. Do you seriously check horses and mules for EL when buying new horses or mules? Yes (1), No (0)
- 3. Do you avoid buying horses/mules from a known infected area? Yes (1), No (0)
- 4. Do you separate infected from uninfected cart animal at home (i.e., housing, feeding/watering separation)? Yes (1), No (0)

- 5. Do you avoid mingling with affected horse at grazing or at work? Yes (1), No (0)
- 6. Do you avoid harness damage to prevent EL? Yes (1), No (0)
- 7. Do avoid sharing of harness with infected horse and mule (use of harness that has been used for infected mule or horse)? Yes (1), No (0)
- 8. Do you give a break for infected cart animal to recover? Yes (1), No (0)
- 9. Do you give special food (better care) for infected cart animal? Yes (1), No (0)
- 10. Do you take any measures/ traditional medicines to prevent or control ELcart horse/mule? Yes (1), No (0)
- 11. Do you take sick cart animals for treatment in the early stage of the disease (when 1-2 nodules appear)? Yes (1), No (0)