

Biographical Details

① Region & Constituency *

a=Omusati region

b=Ohangwena region

Constituencies from each region are numbered 1-6.

1 Omusati, Raucana	2 Omusati, Onesi
3 Omusati, Outapi	4 Omusati, Anamulenge
5 Omusati, Okalongo	6 Omusati, Etayi
1 Ohangwena, Ongenga	2 Ohangwena, Engela
3 Ohangwena, Oshikango	4 Ohangwena, Ondobe
5 Ohangwena, Omundaungilo	6 Ohangwena, Okongo

② What is your gender? *

1 Male	2 Female
3 Prefer not to say	

③ Which of the following best describes your age group? *

1 18-24	2 25-34
3 35-44	4 45-54
5 55-64	6 65-74
7 75 or older	

④ What is the highest education level you completed? *

1	Did not attend school	2	Primary school
3	Secondary school	4	High school
5	College/University Diploma	6	College/University degree
7	Other (Please Specify)		

⑤ What is your capacity/role? *

1	Full time farmer	2	Part time farmer
3	Livestock keeper	4	Authorised person
5	Other (Please Specify)		

⑥ What is your farming system? *

1	Communal	2	Commercial
3	Emerging commercial	4	Agro-Pastoral
5	Other (Please Specify)		

⑦ Do you keep small stock? *

1	No	2	Yes, goats only
3	Yes, sheep only	4	Yes, sheep and goats

8 Do you keep cattle? *

1



Yes

2



No

9 What is your herd size and predominant breeds? *

9a. Indication of the herd sizes 9b. categorized as goats, sheep, and cattle

Knowledge Assessments

10 Where do you get information about important diseases of sheep and goats?* Since there are potentially more possible options, selected response (s) is marked 1 whilst unselected ones are marked 2.

a Local state veterinary office (Vet/AHT)	b Private veterinarian
c Internet	d Newspaper/Agricultural bulletins
e TV	f Agricultural Extension Office
g Social Media	
h Other (Please Specify)	

11 How do you tell if your sheep and goats are sick? * Since there are potentially more possible options, selected response(s) is marked 1 whilst unselected ones are marked 2.

a They stop to eat and drink	b They just lie down
c They look weak and depressed	d They have discharges from the nose, mouth, anus etc
e They have diarrhoea	f They have an elevated body temperature (fever)
g Other (Please Specify)	

12 Can the movement of sheep and goats from one place to another transmit livestock diseases?*

1 Yes	2 No
3 I am not sure	4 I do not know

13 Why do you think newly purchased sheep and goats are quarantined before mixing with others?*

1	To make sure that they are not incubating a disease	2	It is not necessary
3	I do not know		
4	Other (Please Specify)		





14 Have you heard about a disease called *Peste des petits ruminants* (PPR)?*

1	Yes	2	No
3	I am not sure		

15 Do you think *Peste des petits ruminants* is present in Namibia? *

1	Yes	2	No
3	I am not sure	4	I do not know

16 Do you know of any clinical signs of *Peste des petits ruminants*? *

1	2
	
Yes 	No 

17 What do you think are the problems posed by an outbreak of Peste des petits ruminants in Namibia?*

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

<input checked="" type="checkbox"/> a Farmers will not be able to sell sheep and goats	<input checked="" type="checkbox"/> b Sheep and goats may die
<input checked="" type="checkbox"/> c It may cost the farmer and government money to control it	<input checked="" type="checkbox"/> d Farmers may not get meat, milk and hides from the sick small stock
<input checked="" type="checkbox"/> e I am not sure	<input checked="" type="checkbox"/> f I do not know
<input checked="" type="checkbox"/> g Other (Please Specify) <div></div>	

18 What do you think can be done to prevent *Peste des petits ruminants* in Namibia?*

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

<input checked="" type="checkbox"/> a Move sheep and goats with movement permits	<input checked="" type="checkbox"/> b Getting more information about the disease (creating an awareness)
<input checked="" type="checkbox"/> c Getting more information about the disease (creating an awareness)	<input checked="" type="checkbox"/> d Quarantine newly purchased animals
<input checked="" type="checkbox"/> e Isolate sick animals	<input checked="" type="checkbox"/> f Treat animals only as advised by the veterinarian
<input checked="" type="checkbox"/> g Avoid mixing your animals with strange animals	<input checked="" type="checkbox"/> h Controlling movement of animals and products at the border points
<input type="checkbox"/> Other (Please Specify) <div></div>	

Attitude Assessments

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

19 Why do you farm with sheep and goats?*

<input type="checkbox"/> a	It is prestigious	<input type="checkbox"/> b	It is part of my culture
<input type="checkbox"/> c	To make an income out of farming	<input type="checkbox"/> d	I do not know
<input type="checkbox"/> e	To get products like milk, meat and hides when I need them		
<input type="checkbox"/> f	Other (Please Specify)		
	<div></div>		

20 Are diseases of sheep and goats in another country important for Namibia to think about?*

<input type="checkbox"/> 1	Yes	<input type="checkbox"/> 2	No
<input type="checkbox"/> 3	Not sure		

21 Do you think the movement of sheep and goats between Namibia and Angola can increase the chances of transmission of sheep and goats diseases?*

<input type="checkbox"/> 1	Yes	<input type="checkbox"/> 2	No
<input type="checkbox"/> 3	I am not sure		

22 Do you think livestock movement at the Namibia/Angola border, should be strictly controlled?

<div></div>										
0	1	2	3	4	5	6	7	8	9	10
Strongly disagree	The scale was converted into a 5-point scale as follows:									Strongly agree
0-2=1 (strongly disagree)										
3-4=2 (disagree)										
5-6=3 (neither agree nor disagree)										
7-8=4 (agree)										
9-10=5 (strongly agree)										

- 23 Is it important to routinely collect blood samples from sheep and goats to screen for diseases such as *Peste des petits ruminants*?

0 1 2 3 4 5 6 7 8 9 10
Strongly disagree Strongly agree

The scale was converted into a 5-point scale as follows:

0-2=1 (strongly disagree)

3-4=2 (disagree)

5-6=3 (neither agree nor disagree)

7-8=4 (agree)

9-10=5 (strongly agree)

- 24 Do you think the movement of sheep and goats from one place to another in the Northern Communal Areas (NCA) should be controlled?*

1 Yes	2 No
3 Not sure	4 I do not know

- 25 Do you think it is important to have facilities to isolate newly received sheep and goats?*

1 Yes	2 No
3 Not sure	4 I do not know

- 26 Is it necessary to have a sick bay or separate place to keep sick animals?*

1 Yes	2 No
3 Not sure	4 I do not know

- 27 Do you think farmers should pay for veterinary services?*

1 Yes	2 No
3 Not sure	4 I do not know

28 Do you think it is important vaccinate sheep and goats to prevent them from getting diseases?*

1 Yes	2 No
3 Not sure	4 I do not know

29 Do you think it is always necessary to first obtain a movement permit before moving sheep and goats?*

1 Yes	2 No
3 Not sure	4 I do not know

30 Is it important for a post-mortem to be carried out on goats and sheep that died of an unknown cause?*

1 Yes	2 No
3 Not sure	4 I do not know

Practices Assessments

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2



31 Where do you graze your sheep and goats?*

a	Within the region	b	In other NCA regions
c	In Angola		
d	Other (Please Specify)		

32 How often do you see or examine your sheep and goats?*

1	Always	2	Usually
3	Sometimes	4	Rarely
5	Never		

33 Do you have some basic protective clothing (overalls, boots, gloves etc) to use in handling sick sheep and goats?*

1	2
	
Yes <input type="radio"/>	No <input type="radio"/>

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

34 What do you do when your sheep and goats is sick?*

a Do nothing	b Salvage slaughter
c Treat with traditional medicines	d Call or visit some local pharmacist and get some medicines
e Call some friends or colleagues and get advice	f Call or take to the nearest state veterinary office
g Call or take to the nearest private veterinarian	
h Other (Please Specify)	
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35 Should you need veterinary assistance, are you able to reach them?*

1 Yes	2 No, They are not available
3 No, There is a poor network in my area	4 No, there are bad roads to transport the animals
5 No, I do not have suitable transport or provision to hire one	
6 Other (Please Specify)	
<div></div>	

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

36 How do you prevent your sheep and goats from getting sick?*

a Vaccination	b Deworming
c Tick control	d Prophylactic antibiotic treatment
e Proper feeding and mineral supplementation	
f Other (Please Specify)	
<div></div>	

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

37 Where do you purchase sheep and goats?*

a	Within region	b	Other regions
c	South of VCF	d	Angola
e	South Africa		
f	Other (Please Specify)		

38 Do you isolate newly acquired sheep and goats?*

1	No	2	Yes, for 14 days
3	Yes, for 21 days	4	Yes, for 30 days
5	Sometimes	6	No, i do not know if it is necessary
7	No, I do not believe it is necessary	8	No, I do not have proper infrastructure to do so
9	Other (Please Specify)		

39 How often do you sell sheep and goats? *

1	Always	2	Usually
3	Sometimes	4	Rarely
5	Never		

40 Where do you sell your sheep and goats?*

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

a	Within the region	b	In other regions of NCA
c	South of VCF (via quarantine)	d	Angola
e	South Africa		
f	Other (Please Specify)		

41 Do you visit Angola? How often?*

1	No	2	Everyday
3	A few times a week	4	About once a week
5	A few times a month	6	Less than once a month
7	Once a month		
8	Other (Please Specify)		

42 How long do you stay in Angola if you visit?*

1	No, I do not visit Angola	2	Few days
3	Some weeks	4	Some months
5	Six months	6	A year
7	Other (Please Specify)		

43 When you visit Angola, do you bring along cattle or small stock meat and meat products and how frequently?*

1	No, I do not visit Angola	2	No, but I visit Angola
3	Yes, but seldom	4	Yes, sometimes
5	Yes, often	6	Yes, always

44 When you visit Angola, do you bring along cattle, sheep or goats?*

1	I do not visit Angola	2	No
3	The same ones I would have taken to Angola	4	Yes, the newly purchased ones from Angola

Since there are potentially more possible options, selected response(s) are 1 whilst unselected ones are marked 2

45 What do you do with the cattle, sheep or goats obtained from Angola?*

a	Improve the herd	b	Local slaughter for a wedding or funeral
c	Slaughter for local communities	d	I do not buy from Angola
e	Other (Please Specify)		

46 Are your sheep and goats inspected by a qualified veterinary official upon return from Angola?*

1	No, my sheep and goats do not go into Angola	2	Yes
3	Seldom	4	Sometimes
5	Rarely	6	Never

