



Cattle Management

Training Module 4 of 4



**rural development
& land reform**

Department:
Rural Development and Land Reform
REPUBLIC OF SOUTH AFRICA



**agriculture
& rural development**

Department:
agriculture
& rural development
PROVINCE OF KWAZULU-NATAL

Cattle

MRDP and Heifer

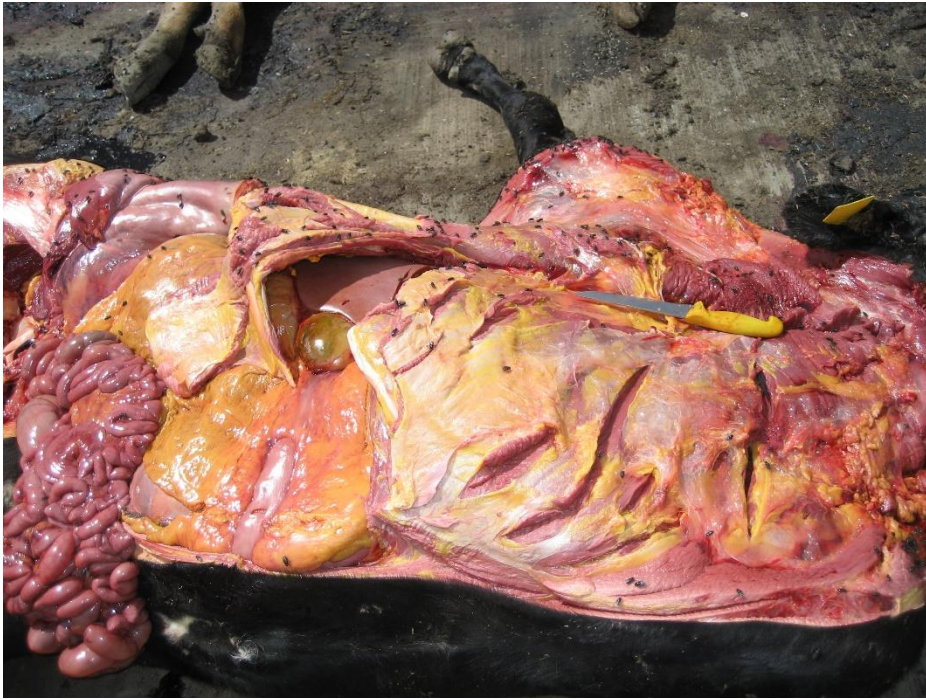
1. Redwater
2. Blackquarter
3. Lumpy skin
4. Heartwater
5. Gallsickness and Sweating sickness
6. Warts
7. Snotsiekte and Sleeping Sickness
8. Worms and Fluke
9. External parasites
10. Eye infection and Abscesses
11. Abortion and Mastitis
12. Vet kit- consumables
13. Vet kit- non consumables
14. Eating disorders, Bloat and Scours
15. Forage growth, storage and supplements
16. Breed pros and cons

Training Module Number 4 of 4

Page references in this module are based on Ensure Your Animals are Healthy Book

Photos sourced by contributors and from Flickr. This product is available for free download from www.mdukatshani.com or www.heifer.org.za

1. Redwater



Redwater- page 42

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see redwater?

What causes it?

What are the symptoms?

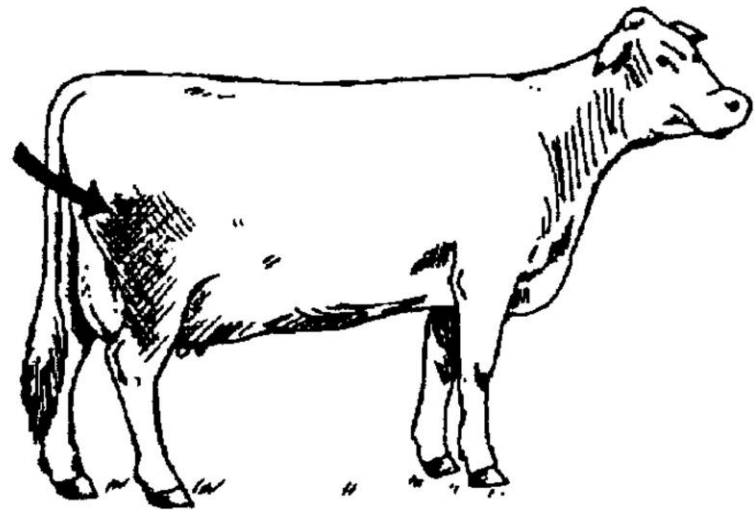
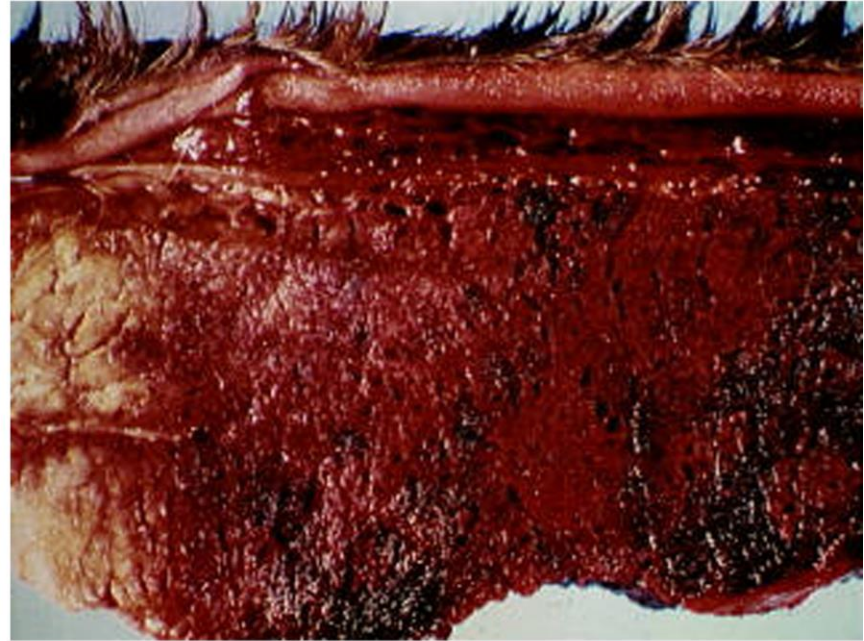
What are some local treatments?

How can it be prevented?

How can it be treated?

Why is it dangerous to move cows from a non redwater area to a redwater area?

2. Blackquarter



Blackquarter- page 40

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see blackquarter?

What are the symptoms?

What are some local treatments?

What causes it?

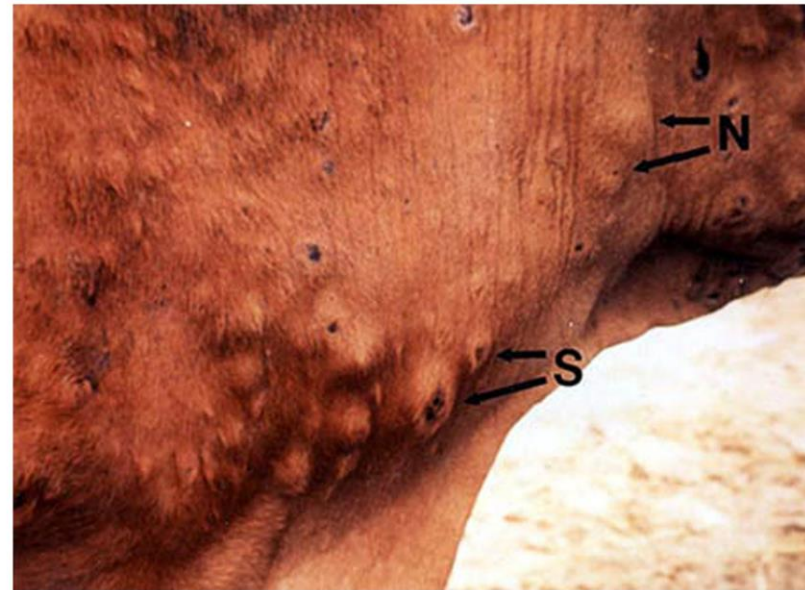
How can it be prevented?

How can it be treated?

How is blackquarter spread between cattle?

In books found under Quarter evil?

3. Lumpy skin



Lumpy skin- page 45

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see lumpy skin?

What are the symptoms?

What are some local treatments?

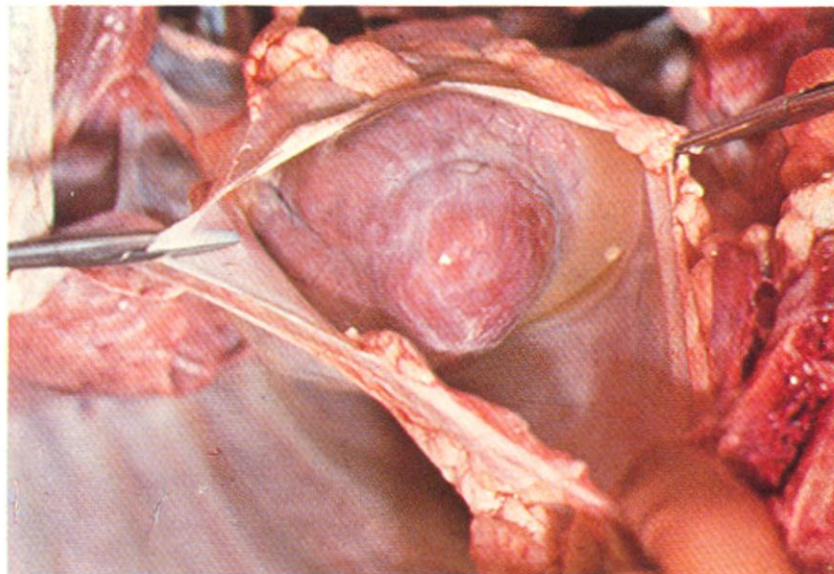
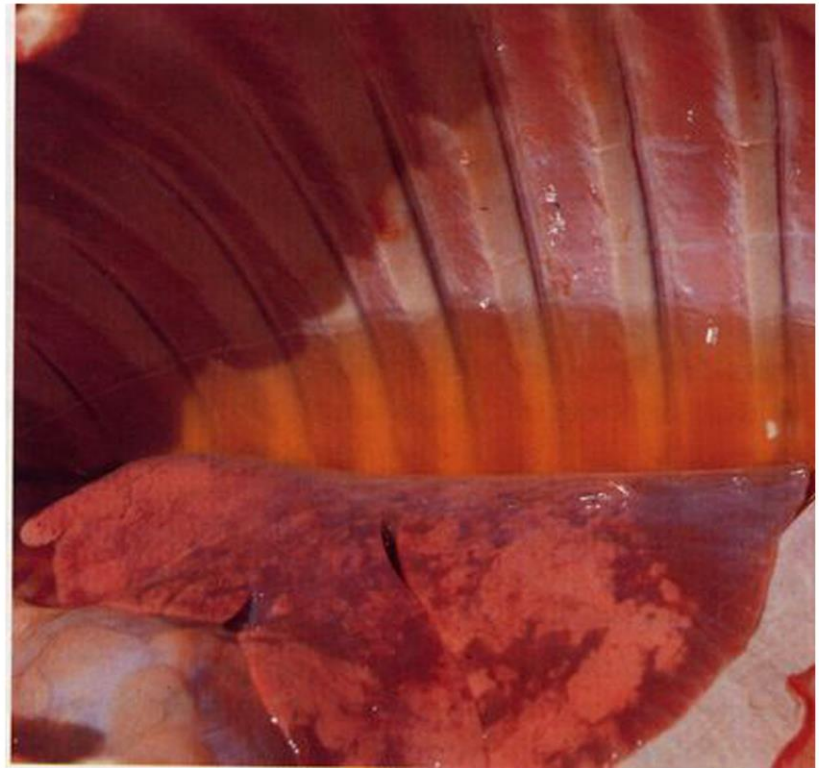
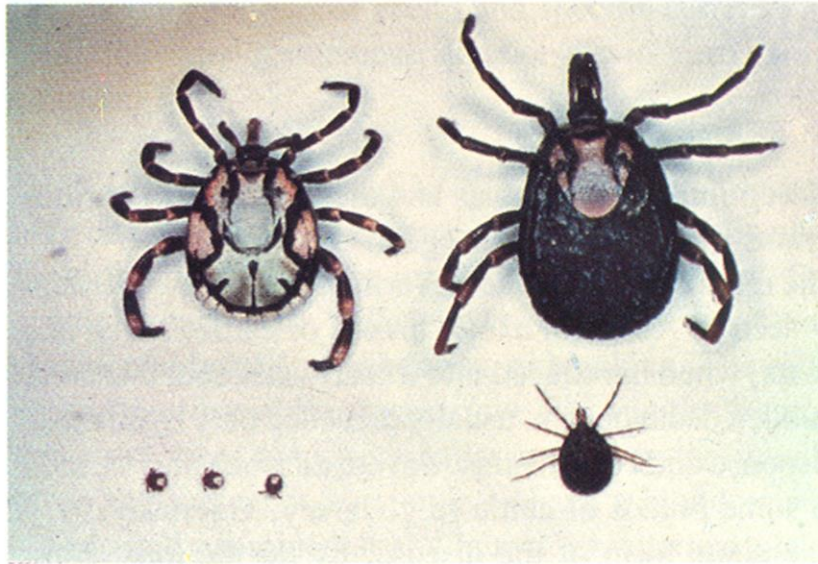
What causes it?

How can it be prevented?

How can it be treated?

How is lumpy skin spread between cattle?

4. Heartwater



Heartwater narrative page 47

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see heartwater?

What are the symptoms?

What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

Why is it dangerous to move cows from a non heartwater area to a heartwater area?

5. Gallsickness and Sweating sickness

Rhipicephalus evertsi evertsi

Male



Female



Distribution



Gallsickness and Sweating sickness- page 43-44

Gallsickness

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see gallsickness?

What are the symptoms?

What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

Sweating sickness

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see sweating sickness?

What are the symptoms?

What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

6. Warts



Warts- page 46

Do we see it in this area?

Does it occur in males or females—old or young?

At what time of the year do we see warts?

What are the symptoms?

What are some local treatments?

What causes them?

How can they be prevented?

How can they be treated?

How are warts spread from one cow to another?

7. Snotsiekte and Sleeping sickness



Snotsiekte and Sleeping sickness

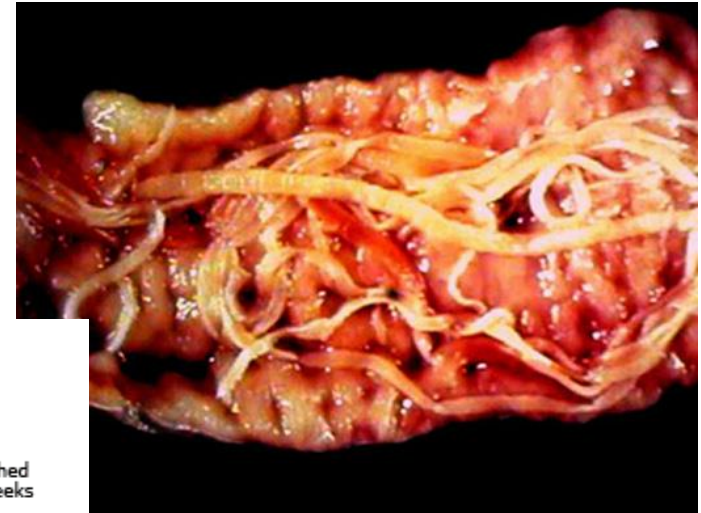
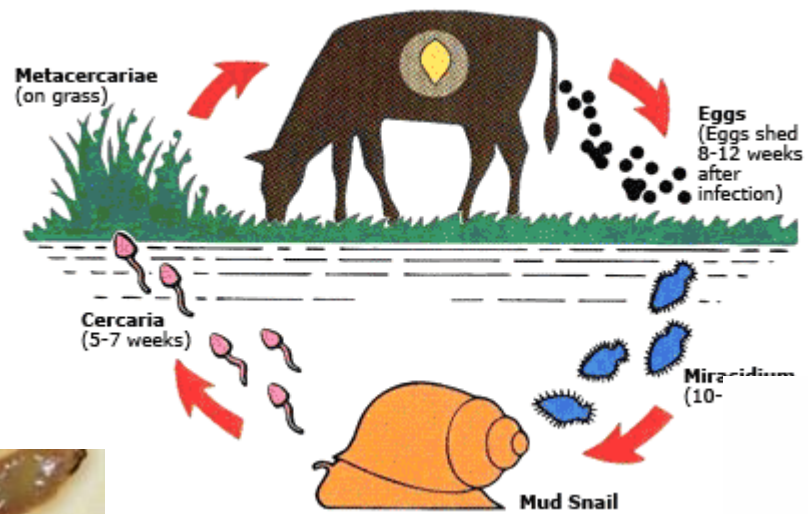
Snotsiekte

- Do we see this in this area?
- Does it occur in males or females—old or young?
- At what time of the year do we see this?
- What are the symptoms?
- What are some local treatments?
- What causes it?
- How can it be prevented?
- How can it be treated?
- How is snotsiekte spread from animal to another?

Sleeping Sickness

- Do we see this in this area?
- Does it occur in males or females—old or young?
- At what time of the year do we see this?
- What are the symptoms?
- What are some local treatments?
- What causes it?
- How can it be prevented?
- How can it be treated?

8. Worms and flukes



Worms and flukes- page 18

Worms

Do worms occur naturally?

Which type of animals are most effected males or females- old or young?

At what time of the year is this most prevalent?

What makes you aware of worms?

What are the different types of worms?

When do you see them?

What are some local controls or remedies?

Do you currently deworm specific animals or the whole herd?

What do you use?

How are worms spread?

Fluke

What flukes have we seen?

What are the symptoms?

What are some local controls or remedies?

What do you use?

Do you drench or selectively treat?

Do you have seasons where its worse and better?

How are flukes spread?

9. External parasites



External parasites

What is an external parasite?

Which of these conditions or parasites do you recognise in your animals?

How common are they in your area?

What are some of the symptoms that you see for each of these external parasites?

What time of the year do you see them?

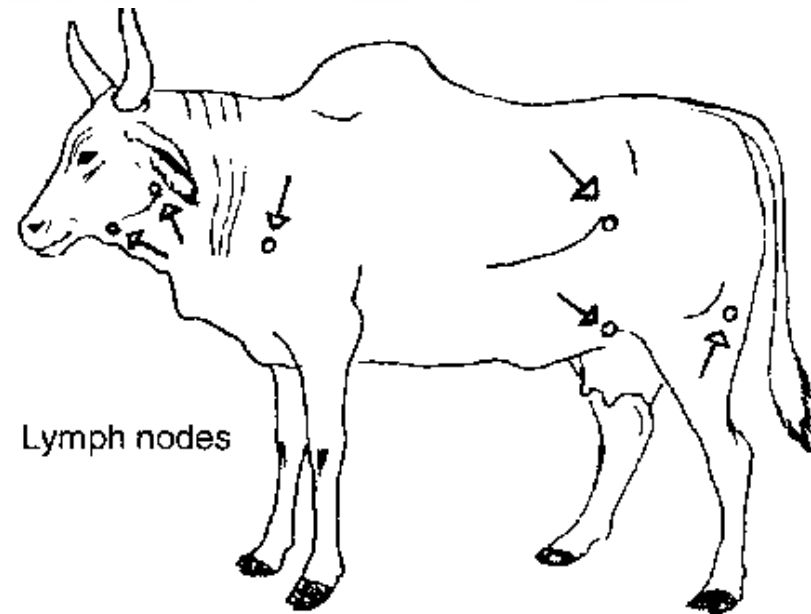
What can be used to control them?

What can you do to manage them?

What can you do once you have an infestation?

Should it be managed broadly or specifically?

10. Eye infection/ Abscesses



Eye infection and Abscesses- page 33

Eye Infection

Do we see it in this area?

Does it occur in males or females—old or young?

What are the symptoms?

What causes different types of eye infections?

At what time of the year do we see this?

What are some local treatments?

How can it be prevented?

How can it be treated?

Can eye infections spread to other cattle?

Abscesses

Have you seen these on your cattle?

What are the symptoms?

What causes them?

How can they be prevented?

How can they be treated?

How do you prevent infecting more of your cattle?

11. Abortion and Mastitis



Abortion and Mastitis- page 35 and 39

Abortion

Do you see abortion in your cattle?

What do you do with the aborted foetus and afterbirth?

Have your local vets vaccinated for contagious abortion?

Do you share a bull in your community? How can this lead to abortions?

How are abortions related to nutritional deficiencies?

What do you know about Vibriosis?

Mastitis

Have you seen this condition before?

What eventually happens if left untreated?

What causes it?

How can it be prevented?

How can it be treated?

How can it spread to other cows in your herd?

12. Vet kit- consumables



Vet kit- consumables

List the items you see here?

What they are for?

Where do you store them?

Where do you buy these products?

What important information do you need to know from the box/bottle?

13. Vet Kit- Non Consumables



Vet Kit- Non Consumables

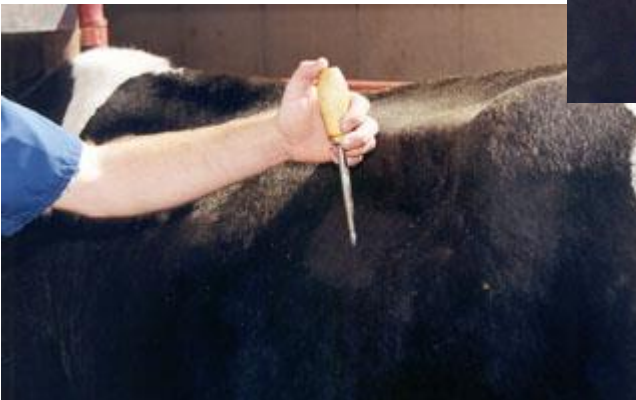
List these items you see here?

What are they for?

Where do you get these materials?

How long will these non-consumables last?

14. Eating disorders, Bloat and Scours



Eating disorders, Bloat and Scours- page 34 and 36

Eating disorders

Have you seen your cattle behaving like this?
Why do they do this?
Why is this behaviour dangerous to your animals?
Are there better ways to manage your cattle so as to avoid this happening?
If your animal consumes plastics, what can be done to treat it?

Bloat

Do we see it in this area?
Does it occur in males or females—old or young?
What are the symptoms?
At what time of the year do we see this?
What are some local treatments?
What causes it?
How can it be prevented? How can it be treated?

Scours

Do we see Scours in this area?
Do Scours occur in males or females—old or young?
At what time of the year do we see scours?
What causes it? How can Scours spread?
What are some local treatments?
How can it be prevented? How can it be treated?
How is this disease spread?

15. Forage growth, storage and supplements



Forage growth, storage and supplements

Do you have calves and pregnant mothers dying?

What could these deaths be caused by?

Are there ways to make your calves and pregnant mothers stronger?

When are cattle at their hungriest?

Which cattle are most affected in your herd by hunger?

What plant left overs in your area could be collected?

How and where would they need to be stored?

What is the benefit of providing supplements to your animals?

16. Breed pros and cons



Breed pros and cons

What breed types do you have in your herd?

What are their strong points?

What would outside breeds bring?

What possible problems could be introduced by outside breeds?