



rural development
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Department:
Rural Development and Land Reform
REPUBLIC OF SOUTH AFRICA



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PROVINCE OF KWAZULU-NATAL



INDIGENOUS CHICKEN PRODUCTION



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MDUKATSHANI
RURAL DEVELOPMENT PROJECT



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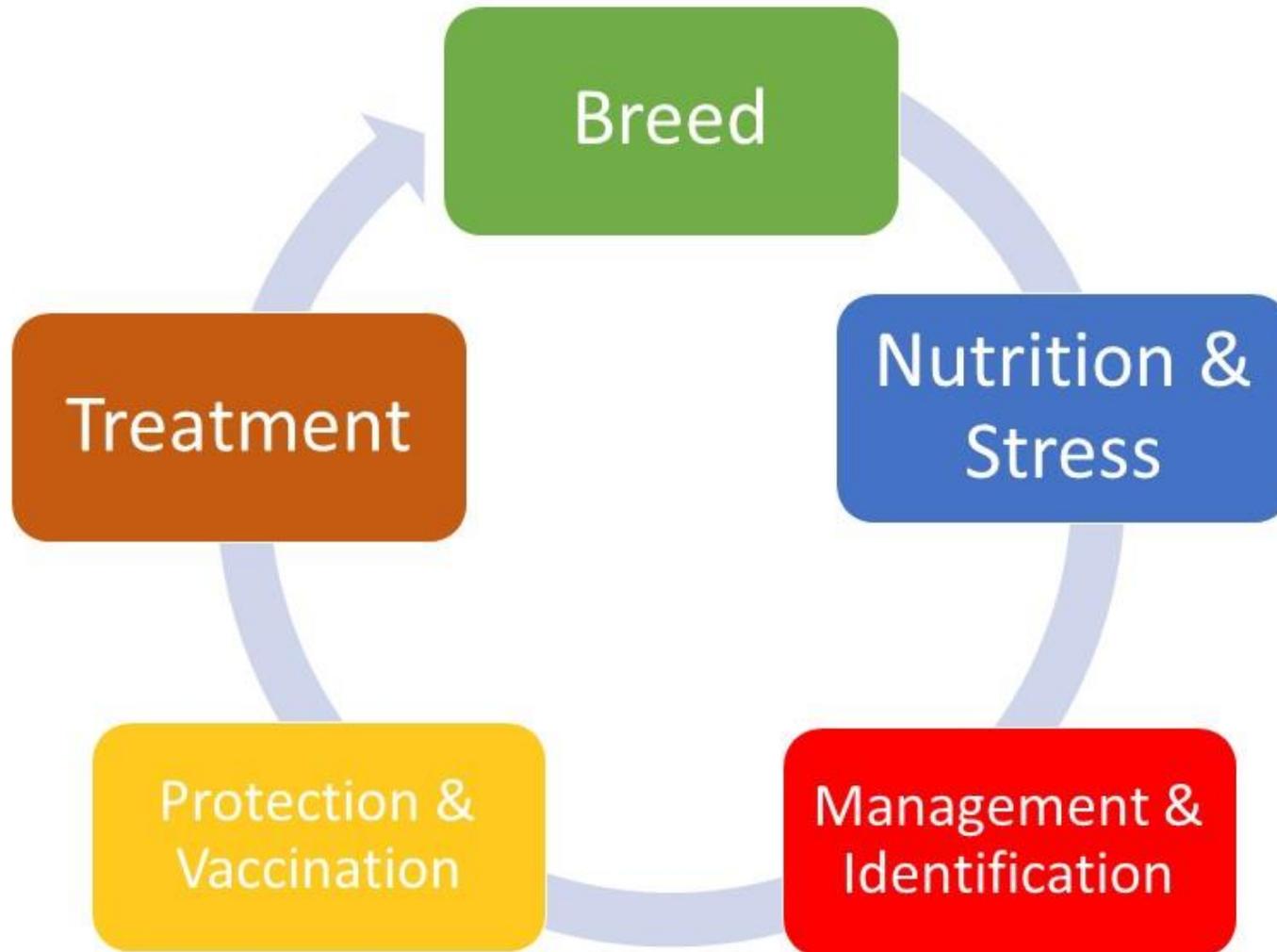
Indigenous Chicken Production

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Page references in this module are based on Chicken Production Handbook

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Management Interventions



Management interventions

Management is the most efficient way of preventing animals getting sick -different management interventions are highlighted in this table.

Listed here are 5 main management interventions.

Give an example of each and why they are important.

Which two are most important in having a healthy herd and why?

Breed



Breed

What breed types do you have in your herd?

What breeds do you see in your community rams?

What negative traits do these rams bring or have?

What are their strong points?

What would outside breeds bring?

What possible problems could be introduced by outside breeds?

A healthy chicken



A healthy chicken

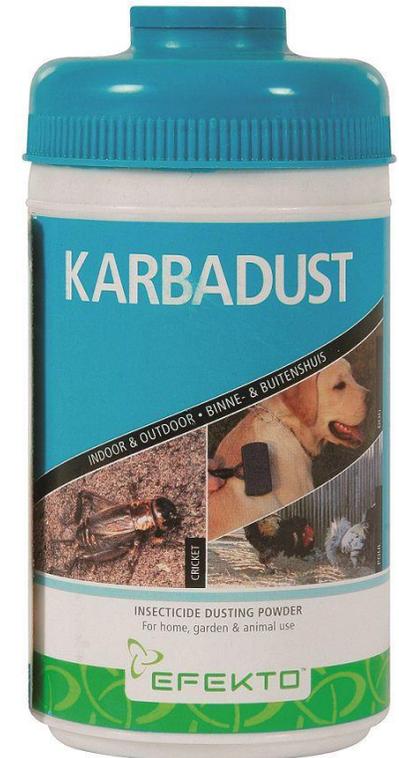
Which of these is a healthy chicken?

What are signs of an unhealthy chicken?

In your homestead do you have more goats that are healthy or unhealthy?

What have you done that has led to your chickens being in this condition?

Understanding veterinary interventions



Understanding veterinary interventions

Which of these do you recognise?

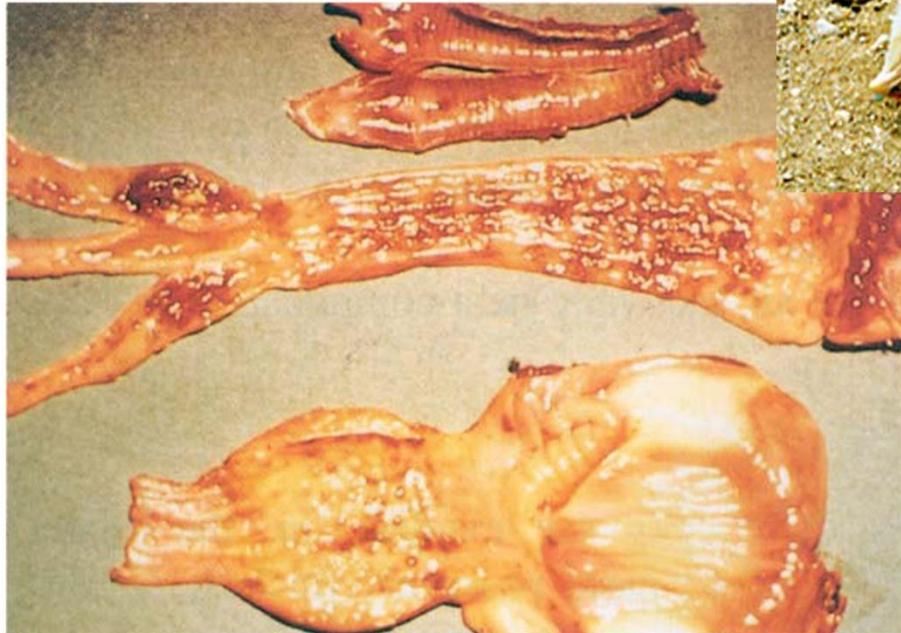
What are the different purposes of these products?

Which of these would you use for which problems?

Which of these can you vaccinate with?

Temperature Guide		
Range		
Cattle	38	39
Goats	39	40
Chickens	41	43
Sheep	38	40

Newcastle Disease



Newcastle Disease

Do we see it in this area?

At what time of the year?

What are the symptoms?

What are some local treatments?

What causes it?

How is it spread?

How can it be prevented?

How can it be treated?

Newcastle vaccination step by step



Newcastle vaccination step by step

Where is the water coming from and why does this matter?

What is being poured into the water before the vaccine?

Why is the bottle covered with a plastic bag?

How many hours after mixing is the vaccine useless?

What containers should the vaccine not be poured into?

Why is it important to open the vaccine lid under the water?

Fowlpox



Fowlpox

Do we see it in this area?

At what time of the year?

What are the symptoms?

How is fowlpox spread from one bird to another?

What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

Bumblefoot



Bumblefoot

Do we see it in this area?

At what time of the year?

What are the symptoms?

What are some local treatments?

What causes it?

Is it contagious from one bird to another?

How can it be prevented?

How can it be treated?

Worms



Worms

Do we see it in this area?

What are the symptoms?

What are some local treatments?

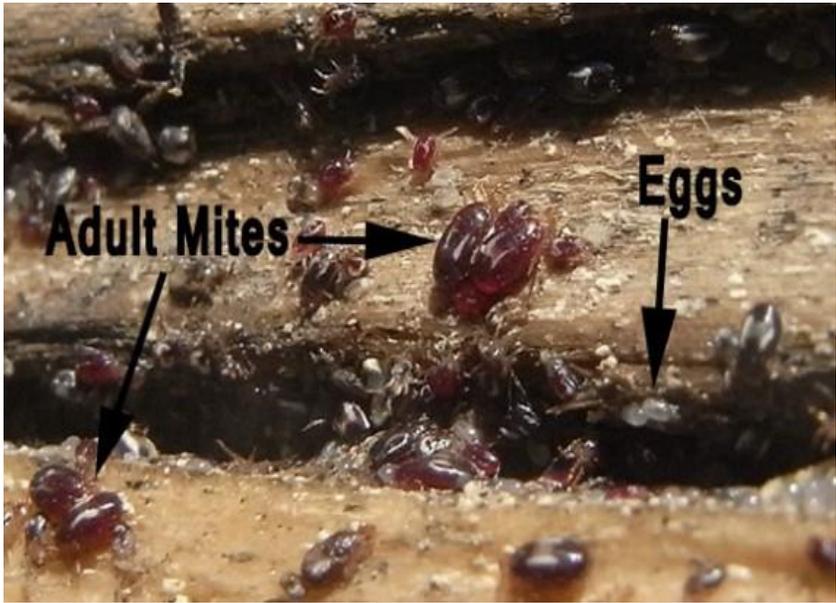
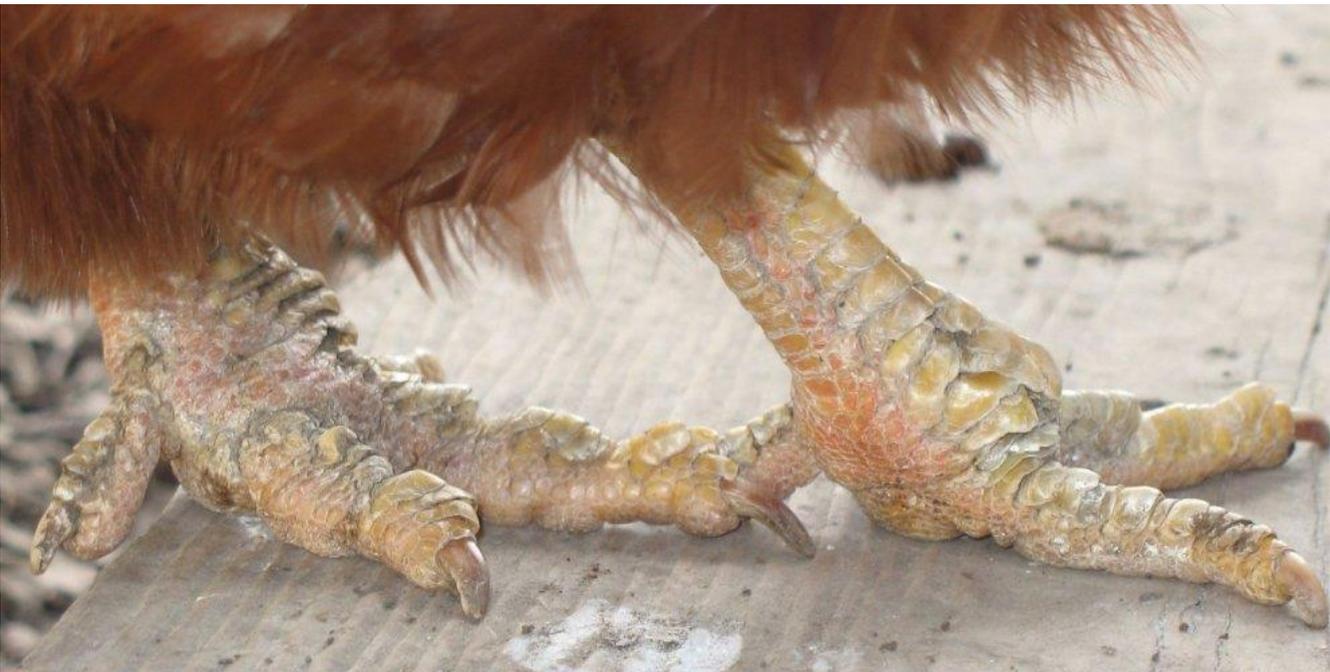
What causes it?

How can it be prevented?

How can it be treated?

How are worms spread?

External Parasites



External parasites

What are different types of external parasites?

Which of these conditions or parasites do you recognise?

At what time of the year?

What are the symptoms?

What are some local treatments?

What causes external parasites?

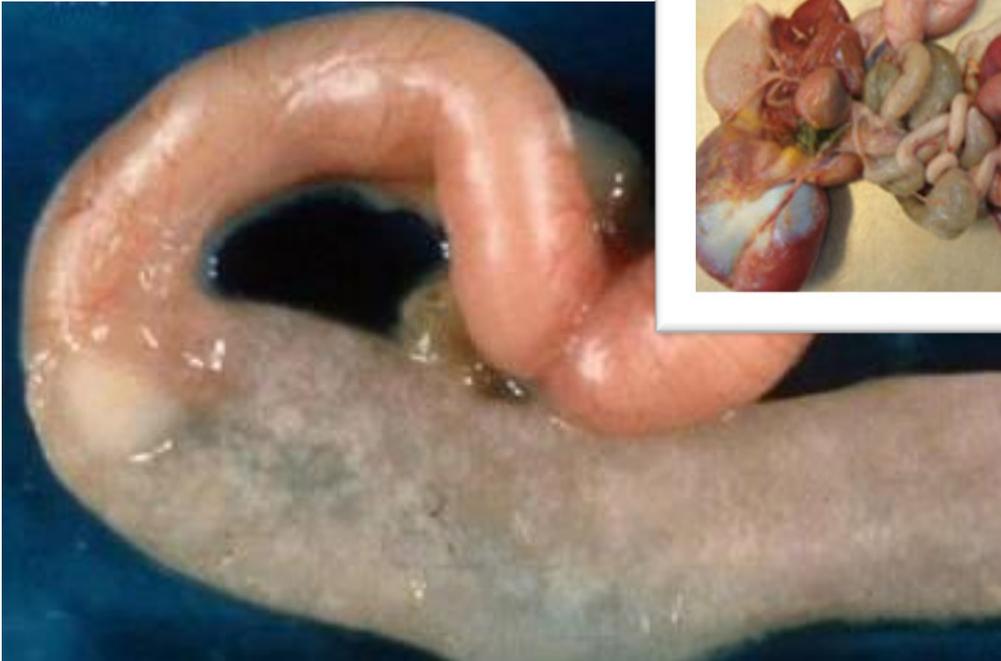
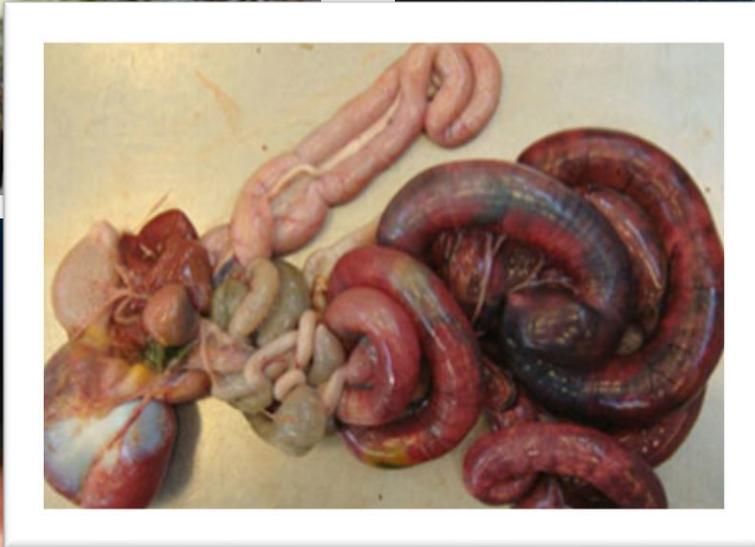
What can be used to control them?

What can you do to manage them?

What can you do once you have an infestation?

How can it be prevented?

Diarrhoea



Diarrhoea

Do we see it in this area?

What are the symptoms?

What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

Eating Disorders



Eating disorders

Have you seen this behaviour in your chickens?

Do you see it in males or females?

Why do you think they are doing it?

What can you do to mitigate or stop it?

What is a better management system to prevent it?

Basic equipment and medicines



Basic equipment and medicines

Name each item in this picture and its use?

What item is not in this picture?

Where do you get these items?

How do you store these products?

Storage and cold chains



Storage and cold chains

Where do you find out about the different storage conditions for different types of medicines?

How do you know if it has not expired yet?

Why is a cold chain important?

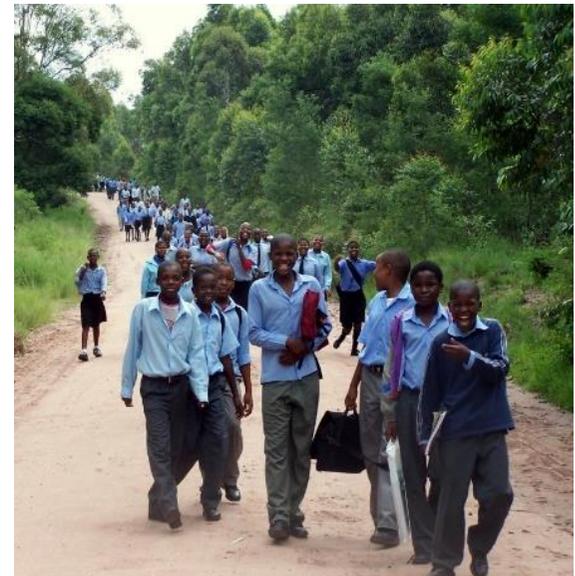
Which of these fridges can you not use for medicines?

Where's the warmest and coldest part of a fridge?

What can you carry in each of these – medicine or vaccines?

How long do each of these retain temperature?

Management and protection



Management and protection

How many chicks do you normally get from your hens? And why?

How many eggs and chicks should you be getting per hen?

Which of these are the biggest informal consumers of chickens and eggs?

What can be done about this?

What unique solutions do you have that are from this area?

Supplemental Chick Feeding



Supplemental Chick Feeding

Do you have chick mortalities?

What time of the year do you most often see the most chick mortalities?

At what age do you see the chicks dying?

What are these deaths being caused by?

Are there ways to prevent these deaths?

What could you feed them that's grown locally?

What advantages would there be in them being kept in a cage?

What are the dangers and problems that you could see from them being kept in a cage?

What are the advantages of keeping chicks in a shelter?

Nutrition



Nutrition

Which of these items that chickens eat do you recognise?

Which are your chickens not getting?

How do you think this is effecting them?

What ways can you replace or supplement these missing food groups?