



# Chicken Management

## Training Module 2 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



# Chickens

## MRDP and Heifer

- 1. Newcastle**
- 2. Newcastle vaccination step by step**
- 3. Fowl pox**
- 4. Bumble foot**
- 5. Worms**
- 6. External parasites**
- 7. Chicken vet kit**
- 8. Management and protection**
- 9. Diarrhoea**
- 10. Castrating**
- 11. Nutrition and eating disorders**
- 12. Nutrition**
- 13. Breed pros and cons**

Training Module Number 2 of 4

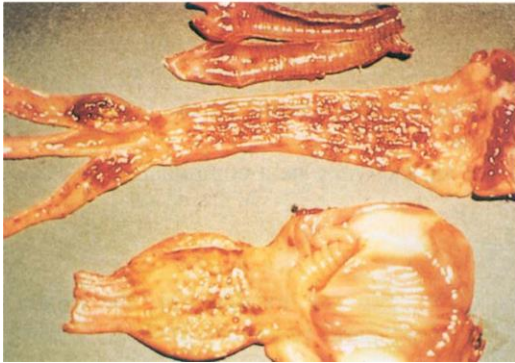
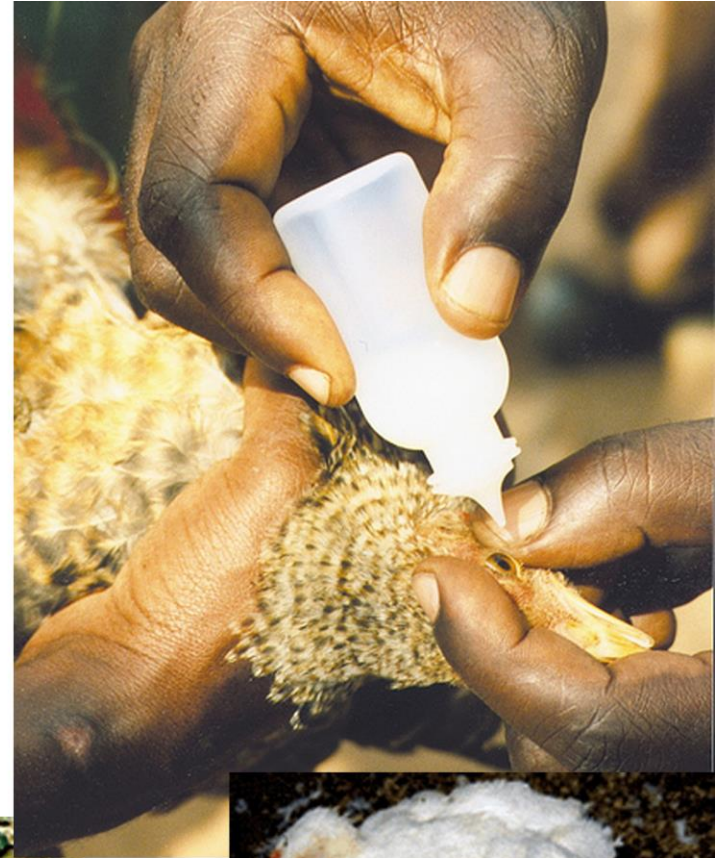
Page references in this module are based on Chicken Production Handbook

Photos sourced by contributors and from Flickr. This product is available for free download from

[www.mdukatshani.com](http://www.mdukatshani.com) or [www.heifer.org.za](http://www.heifer.org.za)



# 1. Newcastle



## **Newcastle-page 17**

Do we see it in this area?

Males or females—old or young?

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?



## 2. Newcastle vaccination step by step



## **Newcastle Step by step- page 18**

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?



### 3.Fowlpox





## **Fowlpox-page 22**

Do we see it in this area?

Males or females—old or young?

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?

## 4. Bumblefoot



## **Bumblefoot- page 23**

Do we see it in this area?

Males or females—old or young?

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?



## 5. Worms



## **Worms- page 27**

Do we see it in this area?

Males or females—old or young?

At what time of the year?

What are the symptoms?

What are some local treatments?

What causes it?

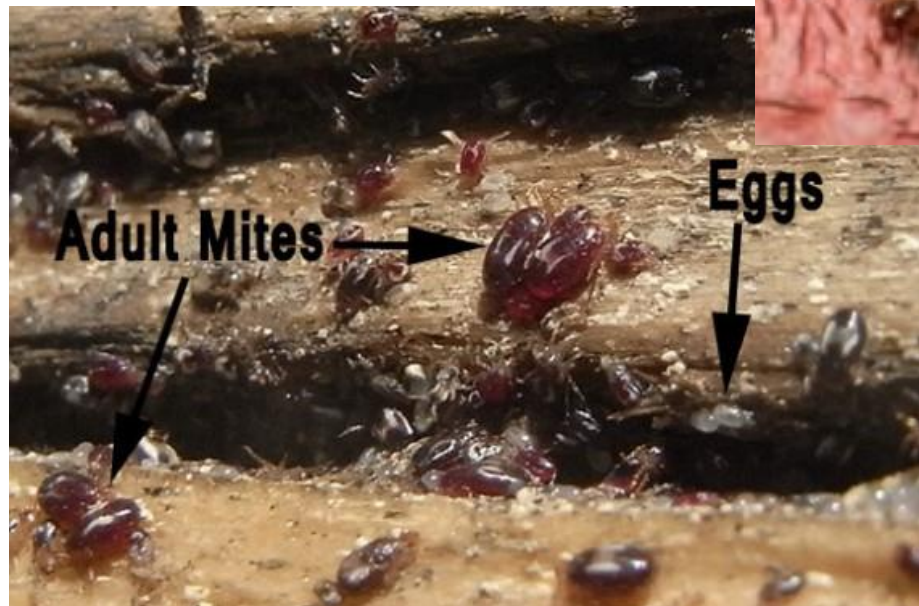
How can it be prevented?

How can it be treated?

How are worms spread?



## 6. External parasites





## External parasites- page 25

What is an external parasite?

What are different types of external parasites?

Which of these conditions or parasites do you recognise?

Males or females—old or young?

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?

## 7. Chicken vet kit



## **Chicken vet kit- page 9**

Name each item in this picture and its use?

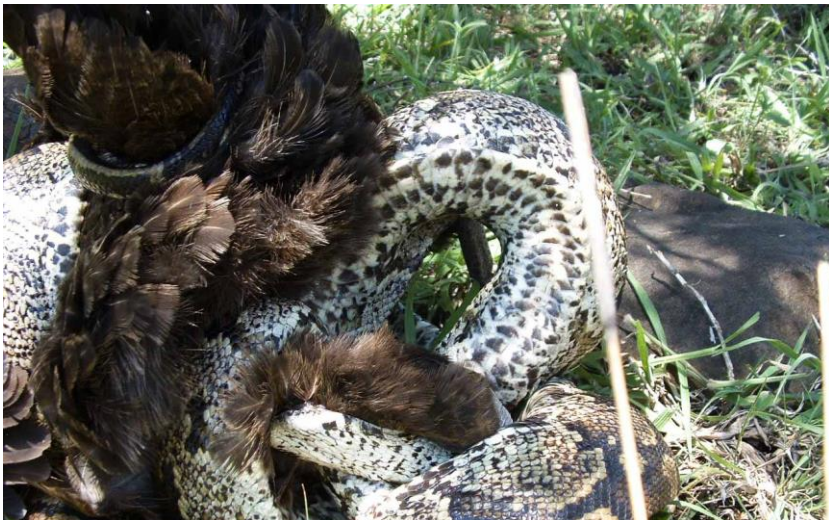
What item is not in this picture?

Where do you get these items?

How do you store these products?



## 8. Management and protection



## **Management and protection- page 8**

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?



## 9. Diarrhoea





## **Diarrhoea- page 24**

Do we see it in this area?

Males or females—old or young?

At what time of the year?

What are the symptoms?

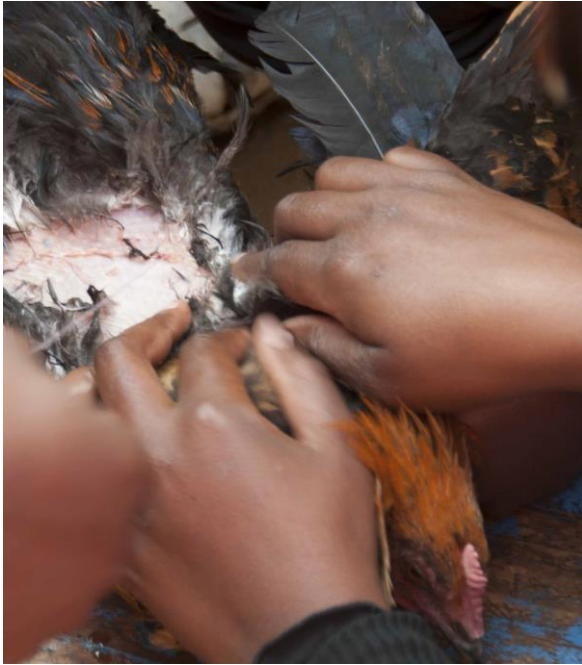
What are some local treatments?

What causes it?

How can it be prevented?

How can it be treated?

## 10. Castrating



# **Castrating**

Why would a farmer need to castrate?

What would the benefits of a castrated cock be?

What indigenous knowledge do you have of this?



## 11. Nutrition and eating disorders



## **Nutrition and eating disorders- page 14**

Have you seen this behaviour in your chickens?

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?



## 12. 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?

### 13. Breeds pros and cons





## **Breeds pros and cons- page 4**

Which of these breeds have you seen?

What do you think they were bred for?

What do you think their strengths are?

What possible problems could be introduced by outside breeds?