

NON-RUMINANT LIVESTOCK PRODUCTION

ISCED UNIT CODE: 0811 541 18A

TVET CDACC UNIT CODE: HE/CU/AHP/CC/17/6/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Apply knowledge of non-ruminant livestock production systems.

UNIT DURATION: 60 Hours

Unit Description

This unit specifies the competencies required by an animal health and production technologist in order to apply knowledge of livestock production systems in non-ruminants. It involves identifying various non-ruminants, identifying various ruminant production systems, performing various routine practices on non-ruminants and determining the economic implications of keeping non ruminants.

Summary of Learning Outcomes

By the end of this unit, the learner should be able to:

| S/No | Learning Outcomes | Duration (Hours) |
|--------------|-------------------------------------------------------------------|------------------|
| 1. | Manage non-ruminant production systems | 25 |
| 2. | Carry out routine non-ruminant practices | 25 |
| 3. | Determine economic implications of keeping non-ruminant livestock | 10 |
| Total | | 60 |

Learning Outcomes, Content and Suggested Assessment Methods

| Learning Outcomes | Content | Suggested Assessment Methods |
|-----------------------|---------------------------------------------|------------------------------|
| 1.Manage non-ruminant | 1.1. Non-Ruminant animals 1.1.1. Poultry | • Practical |

| | | |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| production systems | 1.1.2. Pigs 1.1.3. Donkeys 1.1.4. Cats 1.1.5. Dogs 1.2. Production systems in poultry 1.2.1. Intensive 1.2.2. Extensive 1.2.3. Semi intensive 1.3. Non-Ruminant structures management 1.3.1. Piggery 1.3.2. Rabbitry 1.3.3. Poultry house 1.4. Maintenance practices-cleaning, repair | <ul style="list-style-type: none"> • Project • Portfolio of evidence • Third party report • Written assessment • Oral questioning |
| 2. Carry out routine non ruminant practices | 2.1. Non ruminants feeding 2.2. Non ruminant's health practices 2.3. Non ruminant records 2.3.1. Breeding records 2.3.2. Feeding records 2.3.3. Health records 2.3.4. Production records | <ul style="list-style-type: none"> • Practical • Project • Portfolio of evidence • Third party report • Written assessment • Oral questioning |
| 3. Determine economic implications of keeping non-ruminant livestock | 3.1. Economic implications of non-ruminant keeping 3.2. Non-Ruminant production constraints 3.3. Economic roles of non-ruminants in Kenya's economy | <ul style="list-style-type: none"> • Practical • Project • Portfolio of evidence • Third party report • Written assessment • Oral questioning |

Suggested Methods of delivery

- Practical
- Projects
- Demonstrations
- Group discussion

- Direct instructions

Recommended Resources for 25 Trainees

| S/No. | Category/Item | Description/ Specification | Quantity | Recommended Ratio (Item: Trainee) |
|-------|---------------------------|-------------------------------|----------|--------------------------------------------|
| | Learning materials | | | |
| 1. | Projector | | 1 | 1:25 |
| 2. | Whiteboard/Smart board | | 1 | 1:25 |
| 3. | Desktop/computer | | 1 | 1:25 |
| 4. | Lecture/Theory room | | 1 | 1:25 |
| 5. | Animal farm | As guided by KVB | 1 | 1:25 |
| 6. | Library | | 1 | 1:25 |
| 7. | E-Library | | 1 | 1:25 |