

NON-RUMINANT LIVESTOCK PRODUCTION SYSTEMS

UNIT CODE: 0811 441 17A

TVET CDACC UNIT CODE: HE/CU/AHP/CC/14/5/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 technician in order to apply knowledge of livestock production systems for non-ruminants. It involves managing non-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 | 30 |
| 2. | Carry out routine non ruminant practices | 20 |
| 3. | Determine economic implications of non-ruminant keeping | 10 |
| Total | | 60 |

Learning Outcomes, Content and Suggested Assessment Methods

| Learning Outcomes | Content | Suggested Assessment Methods |
|---|---|---|
| 1. Manage non ruminant production systems | 1.1 Introduction to non-ruminants 1.1.1 Poultry 1.1.2 Pigs 1.1.3 Donkeys 1.1.4 Cats | <ul style="list-style-type: none">● Practical● Project● Written tests● Third party report● Portfolio of |

| | | |
|---|--|--|
| | 1.1.5 Dogs 1.2 Non ruminant production systems 1.2.1 Extensive 1.2.2 Intensive 1.2.3 Semi-intensive 1.3 Non ruminant structures 1.3.1 Poultry unit 1.3.2 Piggery unit 1.3.3 Rabbitry unit 1.3.4 Kennel unit 1.3.5 Catio unit | evidence ● Oral questions |
| 2. Carry out routine non ruminant practices | 2.1 Non ruminants feeding 2.2 Non ruminant's health practices 2.3 Non ruminant records 3.3.1 Breeding records 3.3.2 Feeding records 3.3.3 Health records 3.3.4 Production records | ● Written tests ● Third party report ● Interviews/ Oral questions |
| 3. Determine economic implications of non. ruminant keeping | 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 | ● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions |

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) |
|----------|---|--|----------|-----------------------------------|
| A | Learning materials | | | |
| | Projector | EPSOM | 1 | 1:25 |
| | Whiteboard/Smartboard | 2.5 By 1.5.M | 1 | 1:25 |
| | Desktop/computer | | 1 | 1:25 |
| B | Learning Facilities & Infrastructure | | | |
| | Lecture/Theory room | With at least 25 seats | 1 | 1:25 |
| | Animal farm | With non-ruminant animals | 1 | 1:25 |
| | Ruminant structures | Piggery, poultry house, rabbitry, Kennel unit, catios unit | 1 | 1:25 |
| | Library | Equipped with non-ruminant livestock books and E-section | 1 | 1:25 |
| C | Consumable Materials | | | |
| | Non-ruminants' feeds | Pigs feed, poultry feeds, rabbit feeds, dog feed, cat feed | | |
| D | Tools and Equipment | | | |