

ANIMAL ROUTINE PRACTICES

UNIT CODE: 0811 451 35A

TVET CDACC UNIT CODE: HE/CU/AHP/CR/07/5/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Perform livestock routine practices.

Unit Duration: 90 hours

Unit Description:

This unit specifies the competency required by animal health and production technician to be able to perform livestock routine practices. It involves carrying out animal feeding, milking and maintaining farm hygiene.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Carry out animal feeding	30
2.	Carry out animal milking	30
3.	Maintain farm hygiene	30
Total		90

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Methods of assessment
1. Carry out animal feeding	1.1 PPEs 1.1.1 Apron 1.1.2 Overall 1.1.3 Gloves 1.1.4 Gumboots 1.1.5 Face mask 1.2 Tools and equipment	<ul style="list-style-type: none">● Practical● Project● Written tests● Third party report● Portfolio of evidence● Oral questions

	<p>1.2.1 Weigh scale</p> <p>1.2.2 Weigh band</p> <p>1.2.3 Feed trough</p> <p>1.2.4 Fork shovel</p> <p>1.2.5 Water trough</p> <p>1.2.6 Feeding bucket</p> <p>1.3 Animal feeding</p> <p>1.3.1 Steaming up</p> <p>1.3.2 Flushing</p> <p>1.3.3 Challenges in feeding</p> <p>1.3.4 Compensatory feeding</p>	
2. Carry out animal milking	<p>2.1 PPEs</p> <ul style="list-style-type: none"> ● Overall ● Gumboots ● Face mask <p>2.2 Tools and materials for milking</p> <p>2.2.1 Milking machines</p> <p>2.2.2 Milking buckets</p> <p>2.2.3 Milking salve</p> <p>2.2.4 Teat dips</p> <p>2.2.5 CMT kit</p> <p>2.2.6 Cleaning brushes</p> <p>2.2.7 Cleaning towels</p> <p>2.3 Methods of Animal milking</p> <p>2.3.1 Machine milking</p> <p>2.3.2 Hand milking</p> <p>2.4 Pre - milking activities</p> <p>2.4.1 CMT – subclinical</p> <p>2.4.2 Strip cup – clinical mastitis</p> <p>3.1 Maintenance of milking machines</p>	<ul style="list-style-type: none"> ● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
3. Maintain farm hygiene	<p>6.1 Farm structure and equipment</p> <p>6.1.1 Milking parlour</p> <p>6.1.2 Calf pen</p>	<ul style="list-style-type: none"> ● Practical ● Project ● Written tests

	6.1.3 Milking machine 6.1.4 milk churns 6.1.5 Buckets 6.1.6 Strip cup 6.2 Cleaning and disinfection of milking equipment	<ul style="list-style-type: none"> ● Third party report ● Portfolio of evidence ● Oral questions
--	--	---

Suggested Methods of Instruction

- Demonstration
- Practical
- Field training
- Projects
- Discussions
- Direct instruction

Recommended Resources for 25 trainees

S/NO	Category/Item	Description/specification	Qty	Recommended ratio (item: trainee)
1.	Projector	EPSOM	1	1:25
2.	Whiteboard/smartboard	2.5 By 1.5.M	1	1:25
3.	Desktop/computer		1	1:25
4.	Classroom	Well-lit with 25 seats	1	1:25
5.	Milking bucket	Stainless steel	5	1:5
6.	Fork shovel		5	1:5
7.	Strip cups		5	1:5
8.	CMT kits		5	1:5
9.	Hard brooms		14	1:2
10.	Holding crush		1	1:25
11.	Dust bins		3	1:8
12.	Weigh balance		5	1:5
13.	Milking churn	Stainless steel- 50ltrs	1	1:5
14.	Wheelbarrow		5	1:5
15.	Milking machine		1	1:25
16.	Feeding bottles	plastic	5	1:5

17.	Weigh band	cased	5	1:5
18.	Teat dip cup		5	1:5
19.	Library	Equipped with immunology books and E- section	1	1:25