

081104T4DAF

DAIRY FARM MANAGEMENT LEVEL 4

DA/OS/FM/CR/04/4

Formulate Dairy Feed

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

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INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK: Prepare 7kgs of silage in groups of 5 candidates.			
1. Wore appropriate PPE based on job requirement. <ul style="list-style-type: none"> • Overall • Gloves • Gumboots • Head gear <i>(Award 1 mark for each correctly worn PPE or zero)</i>	4		
2. Assembled all materials and equipment based on job requirement. <ul style="list-style-type: none"> • Nappier grass • Molasses • Salt • Crushed maize • Silo bag • Spade/shovel • Polythene sheet • Thermometer • Cellotape • Label • Panga <i>(Award 1 mark for each assembled item or zero)</i>	11		
3. Chopped nappier grass using a panga <ul style="list-style-type: none"> • Chopped • Correct length (1-2cm) <i>(Award 2 marks for each or zero)</i>	4		

<p>4. Weighed the chopped nappier grass</p> <ul style="list-style-type: none"> • Correct weighing (5kg) • Recorded <p><i>(Award 2 marks for weighing and 1 mark for recording or zero)</i></p>	3		
<p>5. Spread the chopped nappier grass on a polythene sheet</p> <p><i>(Award 1 mark or zero)</i></p>	1		
<p>6. Added 1 kg of crushed maize/cassava flour, 250g salt and mixed thoroughly to form a homogenous mixture</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>7. Sprinkled 1 litre of molasses to the mixture</p> <ul style="list-style-type: none"> • Sprinkled • Mixed <p><i>(Award 1 mark for each or zero)</i></p>	2		
<p>8. Placed the mixture in a silo bag</p> <ul style="list-style-type: none"> • 10-15cm layer • Compacted the layer • Filled rapidly <p><i>(Award 2 marks for each or zero)</i></p>	6		
<p>9. Checked the temperature in the silo</p> <ul style="list-style-type: none"> • Used a thermometer • Recorded the temperature <p><i>(Award 2 marks for using thermometer and 1 mark for recording or zero)</i></p>	3		
<p>10. Sealed the bag using a sisal twine</p> <ul style="list-style-type: none"> • Sealed • Rapidly • Sealed tightly <p><i>(Award 1 mark for each or zero)</i></p>	3		
<p>11. Labelled the packaged feed showing the following information</p> <ul style="list-style-type: none"> • Name of feed formulated • Quantity of the feed • Materials used • Name of manufacturer • Date of manufacturing <p><i>(Award 1 mark for each or zero)</i></p>	5		
<p>12. Stored the silage in a cool and dry place</p> <p><i>(Award 1 mark for each or zero)</i></p>	1		
<p>13. Disposed wastes after the exercise according to NEMA guidelines</p>	3		

<ul style="list-style-type: none"> • Collected the wastes • Carried the wastes • Disposed the wastes <p><i>(Award 1 mark for each or zero)</i></p>			
<p>14. Observed personal hygiene as per workplace procedures</p> <ul style="list-style-type: none"> • Washed hands and face • Cleaned tools and equipment <p><i>(Award 1 mark for each or zero)</i></p>	2		
<p>15. Recorded the following information in a notebook</p> <ul style="list-style-type: none"> • Name of feed formulated • Quantity of the feed • Materials used • Name of manufacturer • Date of manufacturing <p><i>(Award 1 mark for each or zero)</i></p>	5		
<p>16. Stored tools and equipment appropriately</p> <p><i>(Award 1 mark or zero)</i></p>	1		
GRAND TOTAL	56		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

Not yet Competent

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature

Date:

Assessor's Signature

Date

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