

081106T4DAF

DAIRY FARM MANAGEMENT LEVEL 6

DA/OS/FM/CR/04/6/B

Formulate Dairy Feed

Nov/Dec 2024



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

**PRACTICAL ASSESSMENT
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: FORMULATED A RATION FOR A DAIRY HEIFER WEIGHING 200KG LIVE WEIGHT.			
1. Wore the right PPEs as per workplace procedures <ul style="list-style-type: none"> • Gloves • Overall • Gumboots 	2		

<ul style="list-style-type: none"> Nose mask <p><i>(Award ½ mark or zero per PPE worn))</i></p>			
<p>2. Assembled equipment, tools and materials required for the practical.</p> <p><i>(Award 1 mark or zero for each category assembled)</i></p>	3		
<p>3. Calculated the roughage.</p> <p>roughage= 60% x 10kg (grass hay)</p> <p>=6kg</p> <p><i>(Award 1 mark or zero for correct formula and 1 mark or zero for correct answer)</i></p>	2		
<p>4. Calculated the energy</p> <p>Energy = 15% (Maize flour) x 10Kg</p> <p>=1.5kg</p> <p><i>(Award 1 mark or zero for correct formula and 1 mark or zero for correct answer)</i></p>	2		
<p>5. Calculated the protein</p> <p>protein= 10% (Soya bean) x 10kg</p> <p>=1kg</p> <p><i>(Award 1 mark or zero for correct formula and 1 mark or zero for correct answer)</i></p>	2		
<p>6. Calculated the mineral</p> <p>mineral = 3% (Dicalcium Phosphate) x 10Kg</p> <p>=0.3kg</p> <p><i>(Award 1 mark or zero for correct formula and 1 mark or zero for correct answer)</i></p>	2		

<p>7. Calculated the vitamins mineral = 12% (vitamins) x 10Kg =1.2kg <i>(Award 1 mark or zero for correct formula and 1 mark or zero for correct answer)</i></p>	2		
<p>8. Incorporated the feeds in the;</p> <ul style="list-style-type: none"> • roughage • Energy • Protein • Minerals • vitamins <p><i>(Award 1 mark or zero for each)</i></p>	5		
<p>9. Mixed the ration uniformly <i>(Award 1 mark or zero for the activity)</i></p>	2		
<p>10. Weighed and packed the ration in a gunny bag and stored in a clean, dry and rodent proof environment</p> <ul style="list-style-type: none"> • Weighed • Packaged • Stored <p><i>(Award 1 mark or zero for each activity)</i></p>	3		
<p>11. Observed hygiene during formulation as per Livestock Production Manual <i>(Award 2 mark or zero for observing hygiene)</i></p>	2		
<p>12. Cleaned and stored all the tools and equipment as per workplace procedure <i>(Award 1 mark or zero for each activity)</i></p>	2		

13. Disposed of waste materials after the practical according to NEMA guidelines (Award 1 mark or zero for disposal of waste)	1		
TOTAL	30		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p>(Please tick as appropriate)</p> <p>(The candidate is competent if the candidate obtains at least 50%)</p>			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	