

081105T4DAF

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/03/5/B

Breed Dairy Animals

Nov/Dec 2024



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

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PRACTICAL ASSESSMENT

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: CARRY OUT OPEN CASTRATION			
1.Wore Personal Protective Equipment based on job requirements. <ul style="list-style-type: none"> • Gloves • Mask • Gumboots • Overall/duct coat <i>(Award ½ a mark for each or zero)</i>	2		
2.Assembled all necessary tools and equipment based on livestock species in accordance with the livestock production manual <i>(Award 2 marks or 0 each activity)</i>	2		
3.Restrained the animal properly as per the livestock production manual and animal welfare regulations. <i>(Award 2 marks or 0 for proper restraining of animal and 1 marks or 0 for minimizing stress and discomfort)</i>	3		
4.Administered local anesthesia effectively to minimize pain during the procedure as per animal welfare regulations.	3		

<i>(Award 2 marks or 0 for proper administration of anaesthesia and 1 mark or 0 for proper pain relief)</i>			
5.Carried out thorough physical examination of scrotum as per Livestock production manual. <i>(Award 2 marks or 0 for each activity)</i>	2		
6.Carried out palpation of scrotum for evidence of both descendant testicles as per Livestock production manual. <i>(Award 2 marks or 0)</i>	2		
7.Washed the scrotum and dried as per Livestock production manual. <i>(Award 2 marks or 0)</i>	2		
8.Disinfected the scrotum as per Livestock production manual. <i>(Award 2 marks or 0)</i>	2		
9.Sanitized gloves and hands after washing the scrotum. <i>(Award 1 marks or 0)</i>	1		
10. Used sterilized/disinfected instruments -Sanitized instruments between testicles and between calf and thoroughly - Cleaned and disinfected all surgical equipment after every activity. <i>(Award 2 marks for every activity)</i>	4		
11. Made the cut correctly through the skin exposing the testicles as per livestock production manual. <i>(Award 2 marks or 0)</i>	2		
12. Corrected penetration of mesorchium with finger and emasculation of	2		

neurovascular element as per Livestock production manual. <i>(Award 2 marks or 0)</i>			
13. Removed the tonic and cremaster muscle to prevent prolonged healing. <i>(Award 2 marks or 0)</i>	2		
14. Removed the second testicle through a separate incision as per Livestock production manual. <i>(Award 2 marks or 0)</i>	2		
15. Wiped the wound to remove all blood clots, Dirt and disinfect it appropriately. - Controlled bleeding during and after the procedure - Cleaned and disinfected appropriately to prevent infection. <i>(Award 2 marks for every activity)</i>	4		
16. Provided appropriate post-operative care, including wound dressing and antibiotic application. <i>(Award 1 marks for every activity)</i>	2		
17. Monitored the animal for signs of complications or distress following the procedure as per animal welfare. <i>(Award 1 marks or zero)</i>	1		
18. Washed hands and tools used <i>(Award 1 marks or zero)</i>	1		
19. Released the animal welfare regulations. <i>(Award 1 marks or zero)</i>	1		
TOTAL	40		

ASSESSMENT OUTCOME	
<p>The candidate was found to be:</p> <p>Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>	
Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature	Date:
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Assessor's Signature	Date
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