

081105T4DAF

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/08/5/B

Maintain Dairy Herd Health

Nov/Dec 2024



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

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: HAND SPRAYING A DAIRY COW FOR CONTROL OF EXTERNAL PARASITES			
1. Worn appropriate PPE based on work procedures. <ul style="list-style-type: none"> • Dust coat/Overall • Gloves • Face mask • Gumboots/safety boots <i>(Award ½ a mark for each PPE or zero)</i>	2		
2. Assembled all materials and equipment required based on job requirements. <i>(Award 2 marks for assembling all or zero)</i>	2		
3. Tested the sprayer using water to ascertain it is in good working condition as per livestock production manual. <i>(Award 2 marks for testing or zero)</i>	2		
4. Restrained the cow in a crush in accordance with the Livestock Production Manual and animal welfare regulations. <ul style="list-style-type: none"> • Held the animal and tied a rope around the neck and nose. • Pulled the cow and restrained in the crush. 	4		

(Award 2 marks for each activity or zero)			
5. Read instructions on the label as per manufacturer. <i>(Award 1 marks for evidence of reading instructions on the label or zero)</i>	1		
6. Mixed the chemical thoroughly as per manufacturer's instructions. <ul style="list-style-type: none"> • Poured water into the sprayer a quarter full. • Measured the correct quantity and poured in the sprayer. • Mixed water and acaricide thoroughly. • Filled the sprayer with water to the required level. <i>(Award 2 marks for each activity or zero)</i>	8		
7. Sprayed the animal procedurally in accordance with the Livestock Production Manual and animal welfare regulations. <ul style="list-style-type: none"> • Held the nozzle at a distance of about 30 cm from the animal. • Sprayed the animal starting from the hind legs/tail, then back. <i>(Award 2 marks for each activity or zero)</i>	4		
8. Sprayed the belly with the nozzle pointing upwards while giving attention to <ul style="list-style-type: none"> • flanks, • scrotum / udder. <i>(Award 1 marks for positioning the nozzle and 1 mark each for the parts or zero)</i>	2		

9. Sprayed under the tail, around the anus and tail switch ensuring complete wetting. <i>(Award 3 marks for correct spraying parts stated or zero)</i>	3		
10. Sprayed the head, face, base of the horns, neck, fore legs, front flanks and heels while paying attention to ears and inside of ears in accordance with the Livestock Production Manual and animal welfare regulations. <ul style="list-style-type: none"> Ensured the whole body is covered by the wash. <i>(Award 4 marks for correct spraying parts stated and 1 mark for completely covering the body with spray wash or zero)</i>	5		
11. Left the animal for about two minutes in the crush for the acaricide to drip off from the body of the animal. <i>(Award 1 mark for leaving the animal in place for correct time stated or zero)</i>	1		
12. Washed the sprayer and proper disposal of wash water according to environment protection regulations and work place procedures. <i>(Award 1 mark for washing the sprayer and 1 mark for proper disposal of wastes or zero)</i>	2		
13. Stored the sprayer and the acaricide well according to work place procedures. <i>(Award 2 marks for storing the acaricide and the sprayer or zero)</i>	2		
14. Released the animal accordance with the	1		

animal welfare regulations. (Award 1 mark for releasing the animal on time or zero)			
15. Observed personal hygiene in accordance with public health regulations. <ul style="list-style-type: none"> Washed hands and face with soap and clean water. Sprayed the animal along the drift. (Award 2 marks for observing hygienic and safety practices or zero)	4		
Total	43		
ASSESSMENT OUTCOME			
The candidate was found to be: <div style="text-align: right;">Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/></div> (Please tick as appropriate) (The candidate is competent if s/he gets 50%).			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:	Date:		
Assessor's signature:	Date:		

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