

081105T4DAF

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/02/5/B

Dairy Forage Production

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 No.			
Assessor's name & Reg. code			
Venue of Assessment			
Date of assessment			
TASK 1: INOCULATE DESMODIUM SEEDS			
Items to be evaluated:	Marks available	Marks obtained	Comments
1. Worn appropriate PPE based on work procedures. • Dust coat/Overall • Gloves • Face mask • Gumboots/safety boots <i>(Award ½ a mark for each PPE or 2)</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. Confirmed that the seeds are clean, free from impurities and of high quality based on crop production manual. <i>(Award 2 marks for testing or zero)</i>	2		
4. Verified the selection of an appropriate inoculant containing effective Rhizobium strains for nitrogen fixation <i>(Award 1 marks for evidence of verification on the label or zero)</i>	1		
5. Checked the inoculant expiration date and its compatibility with the seeds <i>(Award 1 mark for evidence of checking on the</i>	1		

<i>label or zero)</i>			
6. Read instructions on the label as per manufacturer's instructions. <i>(Award 1 mark for evidence of reading instructions on the label or zero)</i>	1		
7. Followed recommended guidelines for preparing the inoculant mixture <i>(Award 2 marks for evidence of following instructions on the label or zero)</i>	2		
8. Mixed the chemical thoroughly as per manufacturer's instructions. • Poured water into the inoculation equipment. • Measured the correct quantity poured in the inoculation equipment. • Mixed water and inoculant thoroughly. • Filled the inoculation equipment with water to the required level. <i>(Award 2 marks for each activity or zero)</i>	8		
9. Observed the coating process to ensure even distribution of the inoculant on the seeds in accordance with good agricultural practices. <i>(Award 2 marks or zero)</i>	2		
10. Confirmed that the seed coating adheres uniformly to the seeds as per manufacturer's instructions. <i>(Award 2 marks for uniformity of coating or zero)</i>	2		

11. Allowed sufficient time for the coated seeds to dry before planting as per manufacturer's instructions. (Award 2 marks for sufficient time or zero)	2		
Sub Total	25		
TASK 2: PLANTED THE INOCULATED SEEDS			
12. Measured the piece of land to be ploughed measuring 1m by 2m. (Award 2 marks or zero for correct measurement and 1 mark for using the correct tool or zero)	3		
13. Cleared the land as per good agricultural practices. (Award 2 marks for or zero)	2		
14. Ploughed the land based on good agr practices. • Primary tillage • Secondary tillage • Used the appropriate tools (Award 2 marks for each item or zero)	6		
15. Mixed one debe of manure and 10g of DAP with the soil thoroughly. (Award 2 marks for thoroughly mixing or zero)	2		
16. Planted the seeds • Planted randomly at an even distribution (broadcasting method) (Award 2 marks for planting randomly or zero)	2		
17. Mulched the seed bed using appropriate mulch materials	2		

(Award 1 marks for mulching the seed bed or zero and 1 mark for using the appropriate mulch material or zero)			
18. Watered the seed bed properly as per good agronomic practices. (Award one mark or zero for watering properly and one mark or zero for using the appropriate tool for watering)	2		
19. Washed hands and tools/equipment used. (Award 1 mark or zero)	1		
20. Disposed the waste and non-reusable materials in a safe manner as per NEMA regulations. (Award 2 marks for disposing o	2		
21. Documented the process in accordance farm procedures. (Award 1 mark or zero)	1		
Sub Total	23		
Total	48		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ (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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