

081105T4DAF

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/08/5

Maintain Dairy Herd Health

July/August 2025



**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: SPRAY THE PROVIDED ANIMAL WITH A MIXTURE OF 20ML OF LIQUID A TO 1 LITER OF WATER TO CONTROL EXTERNAL PARASITES			
1. Wore appropriate PPEs such as; • Gumboots • Hand gloves • Overall • Face mask <i>(Award 1 mark for each item)</i>	4		
2. Assembled all the required tools and equipment; • Liquid A • Knapsack sprayer • Water • Soap • Basin/bucket <i>(Award 1 marks for each item)</i>	5		
3. Mixed liquid A with water in a basin/bucket; • Measured, 20ml of liquid A per litre of water	3		

• Used measuring cylinder/syringe • In a basin/bucket <i>(Award 1 mark for each process)</i>			
4. Inspected the knapsack to ensure seals, hoses, and the nozzle are intact. <i>(Award 1 mark or zero)</i>	1		
5. Poured the mixture carefully into a knapsack sprayer through the sieve using a funnel; • Knapsack • Through sieve • Funnel <i>(Award 1 mark for each)</i>	2		
6. Approached the animal calmly and confidently from the left side; • Calmly • Confidently • The left side <i>(Award 1 mark for each item)</i>	3		
7. Led the animal to the working area using a lead rope; • Led • Using a lead rope <i>(Award 1 mark for each item)</i>	2		
8. Secured the animal in a crush or with head yoke in readiness for spraying <i>(Award 1 mark or zero)</i>	1		
9. Pumped the sprayer to build the right amount of pressure.	1		

<i>(Award 1 mark or zero)</i>			
10. Sprayed briefly away from the animal to confirm even spray pattern <i>(Award 1 mark or zero)</i>	1		
11. Sprayed the animal in the procedure; • From the neck, avoiding eyes, nose, and mouth. • Along the back, sides, legs, and underbelly. • Focused on ears, tail base, under the legs, and dewlap. • Sprayed until the animal's coat is uniformly damp (not dripping). <i>(Award 2 marks for each process)</i>	8		
12. Allowed the animal to stand in the shade until dry. <i>(Award 1 mark or zero)</i>	1		
13. Rinsed the sprayer thoroughly and store it safely. <i>(Award 1 mark or zero)</i>	1		
14. Washed hands and gear to decontaminate self and the protective clothing. <i>(Award 1 mark or zero)</i>	1		
15. Recorded the treatment by noting; • the date, • product used,	3		

• animal ID <i>(Award 1 mark for each item)</i>			
16. Cleared and cleaned; • the working area • stored tools • equipment <i>(Award 1 mark for each item)</i>	3		
GRAND TOTAL	40		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	

DAIRY FARM MANAGEMENT LEVEL 5**DA/OS/FM/CR/08/5/C****Maintain Dairy Herd Health****July/August 2025**

**TVET CURRICULUM DEVELOPMENT
COUNCIL**

**ASSESSMENT AND CERTIFICATION
CDACC)**

SUMMARY OF QUESTIONS ASSESSING EACH CRITICAL ASPECT

Critical Aspect Number	Critical Aspect (as per evidence guide in the unit of competency in occupational standards)	Written assessment		Practical assessment (where applicable)	
		Questions (Q) Assessing each Critical Aspect	Marks per question	Tasks (T) assessing each Critical Aspect	Marks per task

1.1	Carried out food safety risk assessment to maintain dairy herd health	1,11,13	4,5,10	Cleaning and disinfecting tools and equipment's used during spraying.	2
1.2	Implemented biosecurity measures	13a,13b	3,7	Cleaning	4
1.3	Controlled internal and external parasites	4,5,6,12a	4,5,4,10	Spraying the animal using the correct procedure	2
1.4	Implemented vaccination schedule with organizational policies	2,4,7.	3,4,4.	Followed the procedure required during spraying	
1.5	Used correct procedure to trim hooves and dehorn dairy animals	3,9,12b	5,3,10	Used instructions given to them on the best way to carry out the spraying process	4
1.6	Observed occupational safety and health measures in the working environment	11c	10	Measured the required amount of water and acaricide to be used. Cleaned the environment and	3

				tools and equipment's used	
1.7	Observed laid down environmental protection measures at the work place	10,13c	4,10	Cleaned the working environment, wore PPE, stored safely the un used items	6
1.8	Documented and maintained dairy herd health and food safety records.	8	20	Documented all the finding and observations made during the entire practical period	2
TOTAL MARKS			125		21

OBSERVATIONS AND RECOMMENDATIONS ON THE UNIT OF COMPETENCY IN THE OCCUPATIONAL STANDARDS

S/N	Observation(s)/Gap(s)	Recommendation(s) for Improvement
1		
2		

Report Prepared By: DR. Onsomu Richard Ndemo

Name: DR.ONSOMU RICHARD NDEMO

Institution: Thogoto TTC.

Signature:

Date: 16/04/25

0811554C

DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/08/5/C

Maintain Dairy Herd Health

July/August 2025



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

SUMMARY OF QUESTIONS ASSESSING EACH CRITICAL ASPECT

Critical	Critical Aspect	Written assessment	Practical assessment
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Aspect Number	(as per evidence guide in the unit of competency in occupational standards)			(where applicable)	
		Questions (Q) Assessing each Critical Aspect	Marks per question	Tasks (T) assessing each Critical Aspect	Marks per task
1.1	Carried out food safety risk assessment to maintain dairy herd health	1,11,13	4,5,10	1	2
1.2	Implemented biosecurity measures	13a,1	3,7	1,2,3	4
1.3	Controlled internal and external parasites	4,5,6,12a	4,5,4,10	5	2
1.4	Implemented vaccination schedule with organizational policies	2,4,7.	3,4,4.	6	6
1.5	Used correct procedure to trim hooves and dehorn dairy animals	3,9,12b	5,3,10	5	4

1.6	Observed occupational safety and health measures in the working environment	11c	10	6,8	3
1.7	Observed laid down environmental protection measures at the work place	10,13c	4,10	1,6	6
1.8	Documented and maintained dairy herd health and food safety records.	8	20	8	2
TOTAL MARKS			125		21

OBSERVATIONS AND RECOMMENDATIONS ON THE UNIT OF COMPETENCY IN THE OCCUPATIONAL STANDARDS

S/N	Observation(s)/Gap(s)	Recommendation(s) for Improvement
3		
4		

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DAIRY FARM MANAGEMENT LEVEL 5

DA/OS/FM/CR/08/5/C

Maintain Dairy Herd Animals

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**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
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CUTTING LIST

S/N	ITEM	QUANTITY	PROVIDED BY:
1	Animals	Enough as per candidate	Institution
2	accaricide	20ml per student	
3	disinfectants	1 bottle for 20 candidates	
4	Manila papers	1 pcs per 10 candidate	
5	Permanent marker	Enough as per candidates	

6	Measuring cylinder	pcs per 10 candidate	
7	crush	1 crush for 20 candidates	
8	Working surface	1 crush for 20 candidates	
9	Water	10 litres per student	
10	Soap	1 bar for 20 candidates	
11	Basin	Enough as per candidates	
12	syrange	1pc 20mm for 10 candidate	
13	Towel	Enough	
14	Stapler with staples	1 per 10 candidates	
15	Rope	2pcs for 20 candidates	
15	Knapsack spray	1 for 20 candidates	
15	overall	1 per candidate	Candidate
16	gloves	1 pair per candidate	
17	gumboots	1 pair ate	
18	Hand gloves	1 pair ate	
19	pen	Enough per candidate	
20	Face mask	1 per candidate	
21	Staring stick	1 per candidate	

NB The institution to provide each candidate with enough practical materials as per the cutting list and environment.