

081104T4AEX

AGRICULTURE EXTENSION LEVEL 4

AGR/OS/EXT/CR/05/04/A

Feed the Livestock

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			
Unit(s) of Competency	Feed Livestock		
Venue of Assessment			
Date of assessment			
TASK 1: PREPARE TO PRODUCE THE LIVESTOCK FEED			
Items to be evaluated:	Marks available	Marks obtained	Comments
1. Worn PPEs appropriately based on the requirements of the job. • Dust coat/apron • Gloves • face mask • gumboots (Award 1 a mark each PPE or 0)	4		
2. Assembled tools, equipment and materials based on the requirements of the job. (Award 2 mark or 0 for assembling)	2		
3. Selected the Crop to be ensiled according to Livestock Production Manual. • Choose a high-quality crop with the right moisture content (typically 60-70%) for ensiling. If moisture content is high allowed to wilt for 6 hours. • Cleaned the chopping board • Cleaned the crop by removing debris, weeds, and other contaminants.	3		

<i>(Award 2 marks or 0 for correct selection and award 1 mark or 0 for removing contaminants)</i>			
4. Chopped the crop into small, uniform pieces (1-2 inches) to facilitate compaction according to Livestock Production Manual. <i>(Award 2 marks or 0 for cutting small sizes and 2 marks or 0 for cutting uniform pieces)</i>	4		
5. Filled the silage polybags as quickly as possible to minimize exposure to air according to Livestock Production Manual. <i>(Award 2 marks or 0 for filling and 2 marks for quick filling or 0)</i>	4		
6. Compacted manually to remove as much air as possible according to Livestock Production Manual. <i>(Award 4 marks or 0 for activity)</i>	4		
7. Filled the polybags to the recommended capacity to prevent overfilling as per livestock production manual. <i>(Award 3 marks or 0 for activity)</i>	3		
8. Measured and applied Silage Additives according to the manufacturer's recommendations. <i>(Award 2 mark or 0 for measuring and 2 marks applying additives)</i>	4		
9. Sealed the polybags tightly using a bag closer and ensured there are no holes or gaps in the sealing according to Livestock Production Manual. <i>(Award 4 marks or 0 for proper sealing)</i>	4		
10. Labeled each bag with essential information, including date of ensiling , crop type , and any additives used according to Livestock Production Manual. <i>(Award 1mark or 0 for each item labeled)</i>	3		

11. Stored the bags in a suitable location, preferably on a well-drained surface and protected the bags from direct sunlight and adverse weather conditions according to Livestock Production Manual. <i>(Award 4 marks or 0 for proper storage)</i>	4		
12. Inspected the bags for any signs of damage or punctures. <i>(Award 2 marks or 0 for proper inspection)</i>	2		
13. Checked for any signs of gas production or swelling, which may indicate improper fermentation according to Livestock Production Manual. <i>(Award 2 marks or 0 for checking)</i>	1		
14. Rotated the bags based on their ensiling date to use the oldest silage first according to Livestock Production Manual. <i>(Award 2 marks or 0 for rotating)</i>	2		
15. Recorded the ensiling process; number of bags, dates, crop varieties, and any issues encountered based on workplace procedures. <i>(Award 1 mark or 0 for each item recorded)</i>	3		
16. Cleaned the working area according to workplace procedures <i>(Award 1 mark or 0 for proper cleaning)</i>	1		
17. Disposed waste after the exercise according to NEMA guidelines <i>(Award 2 marks or 0 for proper disposal)</i>	2		
Total	50		
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
_____	_____