

**081104T4AEX**

**AGRICULTURAL EXTENSION LEVEL 4**

**AGR/OS/EXT/CR/01/4/A**

**Establish Agricultural Crops**

**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

*This paper consists of FIVE (4) printed pages*

## OBSERVATION CHECKLIST

<b>Candidate's name &amp; Registration Code</b>			
<b>Assessor's name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of assessment</b>			
<b>Items to be evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks available</b>	<b>Marks obtain ed</b>	<b>Comments</b>
<b>TASK 1: PREPARE LAND FOR CROP ESTABLISHMENT</b>			
1. Worn appropriate PPE based on job requirement and displayed name tag. <ul style="list-style-type: none"> <li>- Neatly dressed, wore appropriate clothing e.g. closed shoes, gloves, dust coat</li> <li>- Displayed the name tag</li> </ul> <i>(Award 1 marks for each item)</i>	<b>2</b>		
2. Assembled all materials and equipment based on job requirement. <i>(Award 2 marks or zero)</i>	<b>2</b>		
3. Measured the piece of the land <ul style="list-style-type: none"> <li>• Used measuring tape and obtained 3metres X 3 metres</li> <li>• Marked the demarcation using the wooden posts given</li> </ul> <i>(Award 2 marks for each item)</i>	<b>4</b>		
4. Carried out land preparation practices <ul style="list-style-type: none"> <li>• Cleared the site using slasher</li> <li>• Collected plant residuals using the rake</li> <li>• Dug the land to the required depth using fork Jembe (primary tillage)</li> <li>• Carried out secondary tillage to break the soil clods</li> <li>• Levelled soil</li> </ul> <i>(Award 2 marks for each item)</i>	<b>10</b>		

5. Mixed farm manure with soil <ul style="list-style-type: none"> <li>Mixed soil thoroughly with farm yard manure</li> </ul> <i>(Award 2 marks for thorough mixing)</i>	2		
<b>SUB TOTAL 1</b>	<b>20</b>		
<b>TASK 2: PLANT THE CROP</b>			
6. Carried Tertiary operations <ul style="list-style-type: none"> <li>Obtained correct distance from one plant the other 30 by 60cm</li> <li>Made the drills of 20cm -30cm deep</li> <li>Applied 1-Table spoon/10grams of DAP in each hole</li> <li>Mixed fertilizer thoroughly with soil</li> <li>Watered the planting holes adequately</li> </ul> <i>(Award 2 marks for each item)</i>	10		
7. Transferred the seedling <ul style="list-style-type: none"> <li>Carefully removed the seedlings from seedling trays/Nursery bed</li> <li>Transferred the seedling to each hole</li> <li>Covered the seedling uniformly and lightly with soil</li> </ul> <i>(Award 2 marks for each item)</i>	6		
8. Carried successful crop management practices <ul style="list-style-type: none"> <li>Applied mulching at the base of the seedlings</li> <li>Used watering can to apply water to planted seedlings</li> <li>Pruned the seedlings by removing dead leaves and unhealthy ones</li> </ul> <i>(Award 2 mark for each item)</i>	6		
9. Pest and Disease Control	12		

<ul style="list-style-type: none"> <li>• Cleaned knapsack sprayer first with soap</li> <li>• Read the chemical/pest manual script with instructions</li> <li>• Measured the right volume using the measuring cup</li> <li>• Carefully transferred the pesticide to the knapsack sprayer</li> <li>• Filled the knapsack sprayer with water to the label mark</li> <li>• Sprayed the seedlings both at the base and on the leaves adequately</li> </ul> <p><i>(Award 2 mark for each item)</i></p>			
10. Tools and Equipment maintenance	<b>6</b>		
<ul style="list-style-type: none"> <li>• Cleaned the tools and equipment thoroughly using soap after use</li> <li>• Allowed the tools to dry before returning to workshop</li> <li>• Observed safety precautions while cleaning</li> </ul> <p><i>(Award 2 marks for each item)</i></p>			
11. Hygiene	<b>2</b>		
<ul style="list-style-type: none"> <li>• Washed hands thoroughly with soap and plenty of running water</li> </ul> <p><i>(Award 2 marks for each item)</i></p>			
<b>SUB TOTAL 2</b>	<b>42</b>		
<b>GRAND TOTAL</b>	<b>62</b>		
<b>ASSESSMENT OUTCOME</b>			
<p><b>The candidate was found to be:</b></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 candidate:**

**Feedback to candidate:**

**Candidate's Signature**

**Date**

**Assessor's Signature**

**Date**

*This is the last printed page*

