

**081205T4HNM**

**HORTICULTURAL NURSERY MANAGEMENT LEVEL 5**

**HO/OS/NM/CR/02/5**

**Produce Potted Seedlings**

**July/August 2025**



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

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**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

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors 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.</i> <i>Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1: SOWED SEEDS IN PLANTING TRAYS</b>			
1. Wore Personal Protective Equipment (PPEs): <ul style="list-style-type: none"> <li>• Gloves,</li> <li>• Overalls</li> <li>• Gumboots</li> </ul> <i>(Award 1 mark for each PPE donned or zero)</i>	<b>3</b>		
2. Assembled all the required tools, equipment, and materials: <ul style="list-style-type: none"> <li>• . Planting trays</li> <li>• Treated coco peat</li> <li>• Tomato Seeds</li> <li>• UV treated polythene sheet</li> <li>• Fine nozzle watering can</li> <li>• Earthen pots</li> <li>• Crockery (broken pot pieces)</li> <li>• Ornamental Seedlings from a nursery bed</li> <li>• Dibber</li> <li>• Clean water</li> <li>• Chlorine bleach</li> </ul> <i>(Award three marks for assembling all required tools, equipment, and materials )</i>	<b>3</b>		
3. Cleaned:	<b>2</b>		

<ul style="list-style-type: none"> <li>Planting tray with water and chlorine bleach solution</li> <li>Checked the drainage holes are not blocked</li> </ul> <p><i>(Award one mark for each activity or zero)</i></p>			
<p>4. Filled the planting trays:</p> <ul style="list-style-type: none"> <li>Pressed the media firmly leaving about 0.5-1cm of space below the trays rim</li> <li>Inspected each cell to ensure it is uniformly filled</li> <li>Collected excess media for reuse</li> </ul> <p><i>(Award two mark or zero for each activity)</i></p>	<b>6</b>		
<p>5. Watered the trays lightly:</p> <ul style="list-style-type: none"> <li>Used a watering can with mist setting</li> <li>Allowed excess water to drain to prevent waterlogging</li> <li>Made small depressions (0.5 cm) at the centre of the planting cell with a dibber for the sowing of seeds.</li> </ul> <p><i>(Award two marks for each activity or zero)</i></p>	<b>6</b>		
<p>6. Sowed:</p> <ul style="list-style-type: none"> <li>Placed one seed per hole</li> <li>covered with coco peat.</li> </ul> <p><i>(Award one mark or zero for sowing one seed per hole, one mark for covering with coco peat or zero)</i></p>	<b>2</b>		
<p>7. Covered the planting trays:</p> <ul style="list-style-type: none"> <li>With a polythene sheet</li> <li>Kept it in an incubation for a few days or till germination starts.</li> </ul> <p><i>(Award two mark for each activity of zero)</i></p>	<b>4</b>		
<b>SUB-TOTAL 1</b>	<b>26</b>		
<b>TASK TWO: POTTED ORNAMENTAL PLANTS.</b>			
<p>8. Selected appropriate pot:</p> <ul style="list-style-type: none"> <li>Selected a good quality earthen pot</li> </ul>	<b>3</b>		

<ul style="list-style-type: none"> <li>Immersed in water for about one hour.</li> <li>Ensured trays have drainage holes to avoid waterlogging</li> </ul> <p><i>(Award one mark for each activity or zero)</i></p>			
<p>9. Placed a good crock on the drainage hole with its concave side facing the hole.</p> <p><i>(Award two marks or zero)</i></p>	<b>2</b>		
<p>10. Filled the pot efficiently</p> <ul style="list-style-type: none"> <li>With large number of broken pot pieces (4-5 cm thick).</li> <li>On these crocks a layer of coco peat is spread leaving a space of 2.5 – 5 cm from the pot rim</li> </ul> <p><i>(Award two marks or zero for ensuring the layer of crocks is 4 -5 cm, two marks or zero for leaving 2.5 to 5 cm from the rim)</i></p>	<b>4</b>		
<p>11. Potted the plant:</p> <ul style="list-style-type: none"> <li>Carefully dug out a healthy and well-rooted plant from the nursery bed</li> <li>Placed it with the ball of earth around the root zone at the center of the pot.</li> </ul> <p><i>(Award two marks for each activity or zero)</i></p>	<b>4</b>		
<p>12. Refilled the potting mixture all around the ball of earth, and pressed it firmly and uniformly.</p> <p><i>(Award two marks or zero)</i></p>	<b>2</b>		
<p>13. Watered the plant with a fine nozzle can immediately after planting</p> <p><i>(Award one mark for watering the plant, one mark or zero for using a fine nozzle can)</i></p>	<b>2</b>		
<p>14. Placed the potted plant in a cool shady place for its establishment</p>	<b>1</b>		

<i>(Award one mark or zero)</i>			
15. Assembled and cleaned all the tools after use. <i>(Award one mark each for assembling and cleaning)</i>	<b>1</b>		
16. Disposed waste at an appropriate place <i>(Award one mark for gathering the waste and one mark for safe disposal of waste)</i>	<b>1</b>		
<b>Sub-Total 2</b>	<b>20</b>		
<b>GRAND TOTAL</b>	<b>46</b>		

**ASSESSMENT OUTCOME**

The candidate was found to be:

Competent  Not yet Competent

*(Please tick as appropriate)*

*(The candidate is competent if the candidate obtains at least 50%)*

**Feedback from the Candidate:**

**Feedback to the Candidate:**

**Candidate Signature**

**Date:**

\_\_\_\_\_

\_\_\_\_\_

**Assessor's Signature**

**Date**

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