

**081204T4HNM**

**Horticulture Nursery Management Level 4**

**HO/OS/NM/CR/03/4/B**

**Prepare Nursery Planting Media**

**July/August 2023**



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

**OBSERVATION CHECKLIST**

**INSTRUCTIONS TO THE ASSESSOR**

1. Allocate the candidate 4 hour to complete the 2 tasks.
2. You are required to mark the practical as the candidate performs the tasks.
3. You are required to take video clips at critical points.
4. Ensure the candidate has an identification tag pinned at the back and front near the shoulders showing Candidate's name and registration code.

*This observation checklist consists of FOUR (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 obtained</b>	<b>Comments</b>
<b>TASK 1: PREPARE PEAT MOSS PLANTING MEDIA</b>			
1. Wore Personal Protective Equipment (PPEs: gloves, overall and gumboots). <i>(Award one mark for any three donned as per workplace procedures or zero)</i>	<b>3</b>		
2. Identified and assembled required tools, equipment and materials for the practical <i>(Award two marks or zero)</i>	<b>2</b>		
3. Adjusted the moisture content by drenching the peat moss to achieve the desire consistency as per the agronomic requirements. <i>(Award 3 marks for hydrating the peat moss and draining water and one mark for safe use of correct tools and equipment)</i>	<b>4</b>		
4. Conducted a PH test on the prepared peat moss to determine the PH for the media. <i>(Award two marks for proper mixing of the media and distilled water in the ratio of 1:1, two marks for determining PH in the range of 5-7)</i>	<b>4</b>		
5. Identified and selected appropriate fertilizer for nutrient enrichment of peat moss	<b>3</b>		

(Award two marks for proper mixing of the media and organic and in organic manure thoroughly, one mark for correct quantities- 1: 1)			
6. Utilized effective methods for sterilizing peat moss to minimize the risk of pathogens and diseases. (Award two marks for sterilizing the seedlings trays using chlorine bleach and drying the container)	2		
7. Properly mixed and blended the prepared peat moss to ensure uniformity. (Award two marks a proper mixture)	2		
8. Filled the cells of the seedling trays with peat moss planting media. (Award two marks for well filled seedling tray cells with peat moss planting media)	2		
<b>TASK 2: PLANT CAPSICUM SEEDS</b>			
9. Created small holes in the peat moss media at the centre of each cell using a small stick or finger (Award two marks for preparing a hole in each cell and one mark for correct planting depth (1 cm))	3		
10. Planted the capsicum seeds in each hole of each cell, ensuring they well-spaced apart and properly covered the seed. (Award two marks for properly spaced sowed seed and one mark for covering the seeds with a media layer of about 6mm)	3		
11. Watered the planted seeds gently using a spray bottle or a watering can. (Award two marks or zero for gentle watering and one mark or zero for use of appropriate equipment)	3		
12. Placed the seed in a warm location with temperatures of about 21-29 degrees ideal for germination of capsicum seeds. (Award two marks or for correct location)	2		

13. Assembled and cleaned all the tools and equipment after use. (Award one mark for assembling and two marks or zero for cleaning)	<b>3</b>		
14. Disposed waste at an appropriate place (Award two marks or zero for safe disposal of waste)	<b>2</b>		
15. Observed safety measures during the practical (Award two marks for safety measures or zero)	<b>2</b>		
<b>Total</b>	<b>40</b>		
<b>ASSESSMENT OUTCOME</b>			
<b>The candidate was found to be:</b> <div style="text-align: center;"> Competent <input type="checkbox"/>      Not yet competent <input type="checkbox"/> </div> (Please tick as appropriate) <i>(The candidate is competent if the candidate obtains at least 50%)</i>			
<b>Feedback from candidate:</b>			
<b>Feedback to candidate:</b>			
<b>Candidate's Signature</b>		<b>Date</b>	
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<b>Assessor's Signature</b>		<b>Date</b>	
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