

081205T4HNM

HORTICULTURE NURSERY MANAGEMENT LEVEL 5

HO/OS/NM/CR/01/5

Set up Horticultural Nursery Structures

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 1: CONSTRUCT A SHADE HOUSE/TUNNEL			
1. Wore PPE's <ul style="list-style-type: none"> • Dustcoat • Gumboots • Gloves <i>(Award 1 mark each or zero)</i>	3		
2. Assembled requirements <ul style="list-style-type: none"> • Polythene sheets • Claw bar • Wooden Poles (6ft) • Timber (6ft) • Plot • pH meter • Seed trays • Sand • Forest soil • Claw hammer • Rafters (6ft each) • Wheel barrow • Rake 	3		

<ul style="list-style-type: none"> • Jembe • Tape measure • Tangit Glue • Slasher <p><i>(Award 3 marks for assembling materials)</i></p>			
<p>3. Prepared Site:</p> <ul style="list-style-type: none"> • Cleared the area of any debris using a slasher • Leveled the ground using a rake and jembe. <p><i>(Award 2 marks for each activity)</i></p>	4		
<p>4. Constructed Frame:</p> <ul style="list-style-type: none"> • Measured and marked the dimensions of the shade house/tunnel using the tape measure. • Dug holes at intervals along the marked lines for the wooden poles. • Inserted the wooden poles firmly into the ground. • Attached the rafters horizontally across the tops of the poles using nails and a claw hammer to form the frame <p><i>(Award 2 marks for each activity)</i></p>	8		
<p>5. Covered the Structure:</p> <ul style="list-style-type: none"> • Unrolled and attached the polythene sheets over the frame • Secured them with nails or timber battens along the edges. 	6		

<ul style="list-style-type: none"> Ensured the polythene is taut and securely fastened to provide adequate protection. <i>(Award 2 marks for each activity)</i> 			
<p>6. Finishing Touches:</p> <ul style="list-style-type: none"> Trimmed any excess polythene. Reinforced the structure as needed. Checked for any gaps or loose ends. <i>(Award 2 marks for each activity)</i> 	6		
SUB-TOTAL 1	30		
TASK 2: PREPARE PLANTING MEDIA			
<p>7. Mixed Growing Media:</p> <ul style="list-style-type: none"> In a wheelbarrow, combined top soil, sand and forest soil in a ratio suitable for seed germination i.e. 1-part topsoil: 1-part forest soil: 1-part sand. Used the pH meter to test the pH level of the mixture. <i>(Award 2 marks for each activity)</i> 	4		
<p>8. Filled Seed Trays:</p> <ul style="list-style-type: none"> Filled each seed tray with the prepared growing media. Ensured uniform distribution. Compacted lightly to eliminate air pockets. <i>(Award 2 marks for each activity)</i> 	6		
<p>9. Stored:</p> <ul style="list-style-type: none"> Stored the prepared planting media in a shade house. <i>(Award 2 marks or zero)</i> 	2		

10. Cleaned all the tools using clean water <i>(Award 2 marks or zero)</i>	2		
11. Recorded the activity <i>(Award 1 mark or zero)</i>	2		
SUB-TOTAL 2	16		
GRAND TOTAL	46		

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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