

081205T4HNM

HORTICULTURAL NURSERY MANAGEMENT LEVEL 5

HO/OS/NM/CR/06/5

Produce Vegetable Seedlings

July/August 2025



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

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			
Assessor's 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: PREPARED A RAISED NURSERY BED			
1. Wore Personal Protective Equipment: <ul style="list-style-type: none"> • Gloves • Overall • Gumboots <i>(Award one mark for each PPE as per workplace procedures)</i>	3		
2. Cleared the land. <ul style="list-style-type: none"> • Award three marks for effective removal of vegetation cover and correct disposal • Award two marks for effective removal of vegetation cover without correct disposal • one mark for partially removal of vegetation cover without proper disposal <i>(Award 1 mark per activity)</i>	3		
3. Prepared land according to the agronomic requirements of the onion seedlings. <ul style="list-style-type: none"> • Primary cultivation • Secondary cultivation-to a medium tilth <i>(Award three marks for primary tillage and three marks for secondary tillage)</i>	6		

<p>4. Dug 15 cm deep</p> <ul style="list-style-type: none"> • Award three marks for raising the nursery to a height of 15cm • Award three marks for digging the nursery to a depth of 10cm to 12cm • Award three marks for digging the nursery to a depth of 7cm to 9cm <p><i>(Award 1 mark per activity)</i></p>	3		
<p>5. Separated the top soil from the subsoil.</p> <p><i>(Award two marks or zero)</i></p>	2		
<p>6. Mixed well decomposed manure with top soil thoroughly.</p> <ul style="list-style-type: none"> • Award two mark for proper mixing of the top soil with manure, two marks for correct ratio of 2:1 • Award one mark for proper mixing of the top soil with manure without adhering to correct ratio of 2:1 <p><i>((Award 1 mark per activity))</i></p>	2		
<p>7. Refilled the nursery bed with the mixture.</p> <p><i>(Award two marks or zero)</i></p>	2		
<p>8. Prepared planting furrows.</p> <ul style="list-style-type: none"> • Award four marks for proper spacing of the furrows 10-20 cm apart • Award two marks for proper spacing of the furrows 7-9 cm apart <p><i>(Award 1 mark per activity)</i></p>	4		
<p>9. Applied D.A.P fertilizer.</p> <p><i>(Award three marks for applying D.A.P thinly along the furrows or zero)</i></p>	3		
Sub-Total 1	28		

TASK 2: SOWED TOMATO SEEDS.			
10. Sowed the seeds thinly along the furrows. <i>(Award two marks for planting or zero)</i>	2		
11. Covered the seeds thinly. <i>(Award two mark for covering or zero)</i>	2		
12. Watered the seeds with a fine nozzle. <i>(Award two marks for proper watering or zero)</i>	2		
13. Mulched the sowed seeds. <i>(Award two marks or zero for correct mulching)</i>	2		
14. Assembled and cleaned all the tools and equipment after use. <i>(Award one mark for assembling and one marks for cleaning or zero)</i>	2		
15. Disposed waste at an appropriate place <i>(Award one mark for gathering the waste and one marks safe disposal of waste or zero)</i>	2		
Sub-Total 2	12		
GRAND TOTAL	40		
ASSESSMENT OUTCOME			
The candidate was found to be:			
<input type="checkbox"/> Competent <input type="checkbox"/> Not yet competent			
<i>(Please tick as appropriate)</i>			
<i>(The candidate is competent if the candidate obtains at least 50%)</i>			
Feedback from candidate:			
Feedback to candidate:			

Candidate's Signature	Date
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Assessor's Signature	Date
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