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081205T4HNM

HORTICULTURAL NURSERY MANAGEMENT LEVEL 5

HO/OS/NM/CR/03/5/B

Prepare Nursery Planting Media

March/April 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

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: *Please award Marks as appropriate. Give a brief comment on your observation.*	**Marks Available**	**Marks Obtained**	**Comments**
TASK 1: Prepare to put together planting media in the nursery			
1. Wore Personal Protective Equipment (PPEs: gloves, overall, mask and gumboots). *(Award 1 Mark for each PPE donned as per workplace procedures or zero)*	**4**		
2. Assembled the tools, equipment and materials to be used in preparation of a planting media. • Polythene sheet • Hand trowel • Spade • Wheelbarrow • Seedling trays • Stirring rod • Weighing scale • Sterilizing agent • Soil-less media • Soil based media • Poly bags/pots • Heating bar *(Award 1/4 Mark for each tool, equipment &material*	**3**		

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gathered as per workplace procedures or zero)			
3. Identified correctly each gathered tool, equipment and materials in accordance with specifications *(Award 3 Marks for proper identification of each tool and its use or zero)*	**3**		
4. Identified use of the gathered tools, equipment and materials in accordance with specifications *(Award ½ Mark for proper identification of each tool and its use or zero)*	**6**		
5. Maintained tools and equipment conditions in accordance with specifications. *(Award 4 Marks for proper maintenance of the tools or zero)*	**4**		
Sub-Total 1	**20**		
TASK 2: Perform soil solarization			
6. Measured the required nursery bed size • Width 1M • Length 2M *(Award 1 Mark for each correct measurement or zero)*	**2**		
7. Prepared the nursery bed to a fine tilth • Cleared site • Collected trash • Conducted ploughing • Broke soil clods	**5**		

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• Levelled *(Award 1 Mark for each task or zero)*			
8. Carried out irrigation on the nursery bed very lightly using the watering can *(Award 2 Marks or zero)*	**2**		
9. Covered the nursery bed with a poly film sheet measuring 1x 2 M • Cut the poly film as per the size of the bed (1 x 2 M) • Covered the bed as required *(Award 2 Marks for each task or zero)*	**4**		
10. Covered the sides of the film with soil to avoid entry of outside air. *(Award 2 Marks or zero)*	**2**		
11. Disposed safely waste materials according to work place policy • Collected waste materials • Carried to the dumpsite • Buried or burned the waste materials *(Award 1 Mark for each task or zero)*	**3**		
12. Cleaned and properly stored tools and equipment according to work place procedure • Assembled tools and cleaned them. • Carried tools to the store. *(Award 1 Mark per task or zero)*	**2**		
Sub-Total 2	**20**		
GRAND TOTAL	**40**		
ASSESSMENT OUTCOME			

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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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