

081205T4HPN

HORTICULTURE PRODUCTION LEVEL 5

HO/OS/HP/CR/09/5

Produce Cut Flowers

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: PREPARE A ROOTING MEDIUM FOR PLANTING ROSE FLOWER CUTTINGS			
1. Wore Personal Protective Equipment • Gumboots • Overall • Hand gloves • Face mask <i>(Award ½ a mark for each PPE or zero)</i>	2		
2. Assembled the tools and equipment required for preparing the rooting medium • Collected all the necessary materials in a clean workspace <i>(Award 1 mark for assembling all the tools and equipment or zero)</i>	1		
3. Cleaned the mixing containers • Cleaned the mixing containers to prevent contamination <i>(Award 1 marks for cleaning the containers or zero)</i>	1		
4. Prepared the vermiculite and perlite rooting mixture • Determined the amount of vermiculite needed based on the number of cuttings	6		

- Put vermiculite and perlite in the ration of 1:1 ratio by volume in the mixing container - Mixed the two thoroughly together <i>(Award 2 marks for each activity or zero)</i>			
5. Moistened the vermiculite and perlite rooting mixture - Slowly added clean water to the vermiculite-perlite rooting mixture - Mixed gently using a small garden trowel <i>(Award 2 marks for each activity or zero)</i>	4		
6. Tested the moisture - Squeezed a handful of the mixture - Ensured the mixture clump to lightly when squeezed but crumbly when released <i>(Award 2 marks for each activity or zero)</i>	4		
Sub -Total 1	18		
TASK 2: PREPARE ROSE FLOWER CUTTINGS FOR PLANTING.			
7. Prepared Rose cutting - Chose healthy Rose stem cuttings (approximately 10-15 cm long) with at least 3-4 nodes - Removed the lower leaves, leaving a few at the top <i>(Award 2 marks for each activity or zero)</i>	4		
Sub-total 2	4		

TASK 3: PLANT PREPARED ROSE FLOWER CUTTINGS

8. Filled the polythene sleeve - Carefully filled each polythene sleeve with moistened vermiculite-perlite mixture using garden trowel. - Left 1-2 cm of space at the top of the container for watering - Gently tapped the bottom of the sleeve to settle the mixture <i>(Award 2 marks for each activity or zero)</i>	6		
9. Made the planting hole in the polythene sleeve Used a dibber to create a hole in the center of each polythene sleeve <i>(Award 2 marks for the activity or zero)</i>	2		
10. Inserted the Cuttings in the polythene - Inserted one cutting gently into each sleeve - Buried at least one node in the soil surface <i>(Award 2 marks for each activity or zero)</i>	4		
11. Firmed the potting media Lightly firmed the potting mix around the base of the cutting <i>(Award 2 marks for the activity or zero)</i>	2		
12. Labelled the polythene sleeve - Name of flower planted - Date planted <i>(Award 1 mark for each element well labelled)</i>	2		
13. Arranged the sleeves Placed the filled and planted polythene sleeves upright under a shade	1		

(Award 1 mark for the activity or zero)			
14. Watered the cuttings Watered the planted cuttings gently using a watering can (Award 1 mark for the activity or zero)	1		
Sub -Total 3	18		
TOTAL	40		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet Competent ☐ (Please tick as appropriate) (The candidate is competent if the candidate is at least 50%)			
Feedback from the Candidate:			
Feedback to the Candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	