

081205T4HPN

HORTICULTURE PRODUCTION LEVEL 5

HO/OS/HP/CR/01/5/B

Produce Tropical Fruits

March/April 2025



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

PRACT**MENT****OBSER****CKLIST**

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 PREPARE TO GRAFT MANGO SEEDLINGS			
1. Wore Personal Protective Equipment as per workplace procedures. - Gloves. - Overall.	2		

• Gumboots. • Face mask <i>(Award ½ mark for each PPE donned correctly)</i>			
2. Assembled required tools and equipment <i>(Award 2 marks or zero for the activity undertaken)</i>	2		
3. Sterilized knife/ scapel using ethanol and dried with blotting paper. • Sterilized. • Dried. <i>(Award 2 marks for 2 tasks correctly undertaken)</i>	4		
4. Selected rootstock and scion • Checked on health of root st seedling and scion seedlings • Matured root stock and scio <i>(Award 2 marks for 2 tasks correctly undertaken)</i>			
Sub total	12		
TASK 2: CARRY OUT CLEFT GRAFTING ON MANGO SEEDLING			
5. Prepared the rootstock and scion. • Removed any side branches or shoots on each. • Made a v- shape wedge on the rootstock • Made an inverted v- shape on the scion. <i>(Award 3 marks for 3 tasks correctly undertaken)</i>	9		

<i>undertaken)</i>			
6. Joined the root stock and scion. - Placed the scion on rootstock. - Aligned the cambium layers. - Ensured the two cut surfaces fit tightly. <i>(Award 3 marks for 3 tasks correctly undertaken)</i>	6		
7. Tied the graft union. - Tied the graft union using a grafting tape started tying from base. - Wrapped the tape firmly around the graft union covering the entire surface. <i>(Award 3 marks for 2 tasks correctly undertaken)</i>	6		
8. Bagged the grafted seedling appropriate good agricultural practices. <i>(Award 2 marks or zero for the activity undertaken)</i>			
9. Labeled the grafted plant. <i>(Award 2 marks or zero for the activity undertaken)</i>	2		
10. Placed the grafted seedling under a shade. <i>(Award 1 mark or zero for the activity undertaken)</i>	1		
11. Cleaned tools and equipment after use. <i>(Award 1 mark or zero for the activity undertaken)</i>	1		
12. Disposed wastes as per work place	1		

procedures. (Award 1 mark or zero for the activity undertaken)			
Sub total	28		
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 obtains at least 50%)			
Feedback from candidate:			
Feedback to candidate:			
Candidate's Signature		Date	
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Assessor's Signature		Date	
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