

051106T4APB

APPLIED BIOLOGY LEVEL 6

APB/OS/AB/CR/07/6

Carry Out Plant Husbandry

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			
Candidate's 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: Using side veneer method, graft the two varieties of avocado using variety A as a rootstock and variety B as a scion.			
1. Wore PPEs - Laboratory coat - Closed shoes - Gloves <i>Award 1 mark each or 0</i>	3		
2. Assembled tools - Grafting tape - Grafting knife - Seedlings - Labels <i>Award 1 mark each or 0</i>	4		
3. Preparation - Cleaned the working surface. - Sterilized the working surface using alcohol or bleach - Sterilized all cutting tools using alcohol or bleach. - Removed gloves and sterilized hands <i>(Award 2 marks each or 0)</i>	8		
4. Made the Cuts - Made a downward cut on variety A (~3–4 cm long) - The cut made was 20–30 cm above the soil line.	6		

Made a cut on variety B matching sloping wedge (~3–4 cm long). <i>(Award 2 marks each or 0)</i>			
5. Joined variety A and B - Inserted the wedge of variety B into the cut on variety A. - Ensured cambium layers aligned as much as possible. <i>(Award 2 marks each or 0)</i>	4		
6. Secured the Graft Wrapped the graft union tightly with grafting tape. <i>(Award 2 marks or 0)</i>	2		
7. Labeling and Aftercare - Prepared a label - Labelled the grafted plant with scio variety (variety B) - Indicated the date of grafting. - Placed the grafted plant in a shaded area. - Watered the grafted plant. - Ensured the grafted plant was not overwatered <i>(Award 2 marks each or 0)</i>	12		
8. Housekeeping - Cleaned working surface - Disposed wastes properly <i>(Award 2 marks or 0)</i>	4		
TOTAL	43		
ASSESSMENT OUTCOME			

The candidate was found to be:	
Competent ☐	Not yet Competent ☐
<i>(Please tick as appropriate)</i>	
<i>(The candidate is competent if the candidate obtains at least 50%)</i>	
Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature	Date:
Assessor's Signature	Date