

**081206T4HPN**

**HORTICULTURAL CROPS PRODUCTION LEVEL 6**

**HO/OS/HP/CR/03/6**

**Produce Temperate Fruits**

**July/August 2025**



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

**OBSERVATION CHECKLIST**

**INSTRUCTIONS TO THE 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

|                                                                                                                                                                                                                                                          |                        |                       |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|-----------------|
| <b>Candidate's Name &amp; Registration Code</b>                                                                                                                                                                                                          |                        |                       |                 |
| <b>Assessors Name &amp; Registration Code</b>                                                                                                                                                                                                            |                        |                       |                 |
| <b>Venue of Assessment</b>                                                                                                                                                                                                                               |                        |                       |                 |
| <b>Date of assessment</b>                                                                                                                                                                                                                                |                        |                       |                 |
| <b>Items to be evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>                                                                                                                                        | <b>Marks available</b> | <b>Marks obtained</b> | <b>Comments</b> |
| <b>TASK 1: PREPARED TO GRAFT PEAR SEEDLINGS</b>                                                                                                                                                                                                          |                        |                       |                 |
| 1. Wore Personal Protective Equipment. <ul style="list-style-type: none"> <li>Gloves.</li> <li>Overall.</li> <li>Gumboots.</li> </ul> <i>(Award ½ mark for each PPE donned)</i>                                                                          | <b>1 ½</b>             |                       |                 |
| 2. Assembled required tools and equipm<br><i>(Award 1 ½ marks or 0 for the activit undertaken)</i>                                                                                                                                                       | <b>1 ½</b>             |                       |                 |
| 3. Sterilized knife/ scalpel using ethanol and dried with blotting paper. <ul style="list-style-type: none"> <li>Sterilized.</li> <li>Dried.</li> </ul> <i>(Award 2 marks or 0 for each activity performed)</i>                                          | <b>4</b>               |                       |                 |
| 4. Selected rootstock and scion. <ul style="list-style-type: none"> <li>Checked on health of root stock seedling and scion seedlings.</li> <li>Selected matured root stock and scion.</li> </ul> <i>(Award 2 marks or 0 for each activity performed)</i> | <b>4</b>               |                       |                 |

|                                                                                                                                                                                                                                                                                                                                                |           |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|
| <b>Sub total</b>                                                                                                                                                                                                                                                                                                                               | <b>11</b> |  |  |
| <b>TASK 2: CARRIED OUT WEDGE GRAFTING ON PEAR SEEDLING</b>                                                                                                                                                                                                                                                                                     |           |  |  |
| 5. Prepared the rootstock and scion. <ul style="list-style-type: none"> <li>Removed any side branches or shoots on each.</li> <li>Made a v- shape wedge on the rootstock.</li> <li>Made an inverted v- shape on the scion.</li> <li>Placed the scion in a bucket with clean</li> </ul> <i>(Award 2 marks for each activity performed or 0)</i> | <b>8</b>  |  |  |
| 6. Joined the root stock and scion. <ul style="list-style-type: none"> <li>Placed the scion on rootstock.</li> <li>Aligned the cambium layers.</li> </ul> <i>(Award 3 marks for each activity performed or 0)</i>                                                                                                                              | <b>6</b>  |  |  |
| 7. Tied the graft union. <ul style="list-style-type: none"> <li>Tied the graft union using a grafting tape starting from the base.</li> <li>Wrapped the tape firmly around the graft union covering the entire surface.</li> </ul> <i>(Award 3 marks for each activity performed or 0)</i>                                                     | <b>6</b>  |  |  |
| 8. Labeled the grafted plant. <ul style="list-style-type: none"> <li>Name of the plant</li> <li>Date of grafting</li> </ul>                                                                                                                                                                                                                    | <b>2</b>  |  |  |

|                                                                                                                                                                                                                                                                                |           |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|
| (Award 2 marks or 0 for the activity performed)                                                                                                                                                                                                                                |           |  |  |
| 9. Placed the grafted seedling under a shade.<br>(Award 2 marks or 0 for the activity performed)                                                                                                                                                                               | 2         |  |  |
| 10. Watered the grafted seedling using a watering can<br>(Award 2 marks or 0 for the activity performed)                                                                                                                                                                       | 2         |  |  |
| 11. Cleaned tools and equipment after use.<br>(Award 2 marks or 0 for the activity performed)                                                                                                                                                                                  | 2         |  |  |
| 12. Disposed wastes appropriately.<br>(Award 1 mark or 0 for the activity performed)                                                                                                                                                                                           | 1         |  |  |
| <b>Sub total</b>                                                                                                                                                                                                                                                               | <b>29</b> |  |  |
| <b>Total</b>                                                                                                                                                                                                                                                                   | <b>40</b> |  |  |
| <b>ASSESSMENT OUTCOME</b>                                                                                                                                                                                                                                                      |           |  |  |
| <b>The candidate was found to be:</b><br><div style="text-align: center;"> Competent <input type="checkbox"/>      Not yet competent <input type="checkbox"/> </div> (Please tick as appropriate)<br><b>(The candidate is competent if the candidate obtains at least 50%)</b> |           |  |  |
| <b>Feedback from candidate:</b>                                                                                                                                                                                                                                                |           |  |  |
| <b>Feedback to candidate:</b>                                                                                                                                                                                                                                                  |           |  |  |

|                                       |                      |
|---------------------------------------|----------------------|
| <b>Candidate's Signature</b><br>_____ | <b>Date</b><br>_____ |
| <b>Assessor's Signature</b><br>_____  | <b>Date</b><br>_____ |