

## Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.
Release 1	Initial release

<b>AHCPHT204</b>	<b>Undertake field budding and grafting</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to prepare parent material and budding and grafting materials for budding and grafting, bud and graft trees, shrubs, vines and other plant types in nurseries or in-field situations.</p> <p>The unit applies to individuals who undertake field budding and grafting under general supervision with limited autonomy or accountability.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Production horticulture (PHT)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare parent material for budding and grafting	1.1 Clean tools and equipment according to workplace procedures 1.2 Prepare plant material and use appropriate method for taking budding or grafting material 1.3 Select and use tools and equipment appropriate to field budding and grafting 1.4 Select and maintain personal protective equipment (PPE) according to workplace health and safety requirements 1.5 Fit and use PPE applicable to the task being undertaken
2. Prepare budding and grafting materials	2.1 Select budding and grafting material for propagation 2.2 Use appropriate storage methods to maintain viability of materials 2.3 Dispose of discarded material 2.4 Prepare stock according to species guidelines 2.5 Handle budding and grafting materials and stock in a way that prevents damage
3. Bud and graft scion	3.1 Select budding and grafting method according to species guidelines 3.2 Seal bud and graft according workplace procedures 3.3 Affix labels and identification
4. Complete budding and grafting activities	4.1 Clean, maintain and return tools and equipment to required location 4.2 Identify and report unserviceable tools and equipment according to workplace procedures 4.3 Return materials to store and dispose of waste and unused grafting material according to supervisor instructions 4.4 Record and report budding and grafting activities according to workplace procedures

<b>Foundation Skills</b>	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Interpret textual information from a range of sources to identify relevant and key information about workplace operations and products</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare budding and grafting activity records</li> </ul>
Oral Communication	<ul style="list-style-type: none"> <li>Use clear language to confirm and report budding and grafting activities and report tool and equipment unserviceability</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCPHT204 Undertake field budding and grafting Release 2	AHCPHT204 Undertake field budding and grafting Release 1	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCPHT204 Undertake field budding and grafting</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has undertaken field budding and grafting on at least three occasions and has:</p> <ul style="list-style-type: none"> <li>• interpreted instructions and confirmed with supervisor</li> <li>• selected, cleaned used and maintained field budding and grafting tools and equipment</li> <li>• applied workplace health and safety requirements</li> <li>• selected and prepared stock for budding and grafting</li> <li>• demonstrated a range of budding and grafting techniques</li> <li>• maintained labels and records of the budding and grafting operation</li> <li>• treated plants after budding and grafting</li> <li>• stored, removed or disposed of unused grafting material</li> <li>• recorded and reported budding and grafting activities according to workplace procedures</li> </ul>	
<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• workplace requirements applicable to health and safety in the workplace for field budding and grafting</li> <li>• principles and practices for field budding and grafting <ul style="list-style-type: none"> <li>• cleaning requirements of work area and equipment</li> <li>• common problems and corrective action required</li> <li>• environmental issues and controls</li> <li>• importance of selection and use of rootstock</li> <li>• maintenance requirements of equipment</li> <li>• operation, components and purpose of budding and grafting and equipment</li> <li>• plant features and processes relevant to budding and grafting</li> <li>• procedures and responsibilities for reporting problem</li> <li>• recording requirements and procedures</li> <li>• root stocks and scion stock</li> <li>• stages of the budding and grafting procedure and their purpose.</li> </ul> </li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• a workplace setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• plants, rootstock, and budding and grafting material</li> <li>• budding and grafting tools and equipment</li> <li>• personal protective equipment applicable to plant budding and grafting</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• workplace requirements applicable to health and safety in the workplace, and for field budding and grafting</li> <li>• work instructions and workplace procedures applicable to field budding and grafting</li> </ul> </li> <li>• relationships: <ul style="list-style-type: none"> <li>• supervisor</li> </ul> </li> <li>• timeframes <ul style="list-style-type: none"> <li>• according to job requirements.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	<p>Companion Volumes, including Implementation Guides, are available at VETNet:  <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a></p>

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