



Australian Government

AHCPHT204 Undertake field budding and grafting

Release: 1

AHCPTH204 Undertake field budding and grafting

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to bud and graft trees, shrubs, vines and other plant types in nurseries or in-field situations.

It applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Production horticulture (PHT)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare parent material for budding and grafting	1.1 Follow workplace hygiene practices to ensure tools and equipment are clean 1.2 Prepare plant material and use a suitable method of taking budding or grafting material 1.3 Select and use appropriate tools
2. Prepare budding and grafting materials	2.1 Select budding/grafting material for propagation 2.2 Use appropriate storage methods to maintain viability of materials 2.3 Dispose of discarded material

Element	Performance criteria
	2.4 Prepare stock according to species guidelines 2.5 Handle budding/grafting materials and stock in a way that prevents damage
3. Bud/graft scion	3.1 Select budding/grafting method according to species guidelines 3.2 Seal bud/graft is sealed according to instructions 3.3 Affix labels and identification 3.4 Complete records accurately and timely 3.5 Identify, rectify or report out-of-specification process and equipment performance
4. Complete budding/grafting activities	4.1 Clean tools and equipment 4.2 Dispose of or store unused grafting material 4.3 Collect, treat, dispose of or recycle waste generated by both the grafting and cleaning procedures

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCPTH204A Undertake field budding and grafting.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPTH204 Undertake field budding and grafting

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- select and prepare stock for budding and grafting
- demonstrate a range of budding and grafting techniques
- maintain labels and records of the budding and grafting operation
- store unused grafting material
- treat plants after budding/grafting

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for field budding and grafting
 - cleaning requirements of work area and equipment
 - common problems and corrective action required
 - environmental issues and controls
 - importance of selection and use of rootstock
 - maintenance requirements of equipment
 - operation, components and purpose of budding/grafting and equipment
 - plant features and processes relevant to budding and grafting
 - procedures and responsibilities for reporting problem
 - recording requirements and procedures
 - root stocks and scion stock
 - stages of the budding/grafting procedure and their purpose

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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