Modification history

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| Release | Comments |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |

| FBPVIT2XXX | Bench graft vines |
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| Application | This unit of competency describes the skills and knowledge required to select appropriate vine material, prepare cuttings, graft and undertake post-graft treatment and storage.The unit applies to individuals in wine grape nurseries who work under general supervision, with limited autonomy and accountability for their own work.All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace.No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Viticulture (VIT)  |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare to bench graft vines | 1.1 Confirm job requirements 1.2 Confirm environmental guidelines and identify potential workplace health and safety hazards and controls according to workplace procedures1.3 Select and fit appropriate personal protective equipment1.4 Ensure work area meets workplace requirements1.5 Ensure materials are available to meet grafting requirements1.6 Select and prepare cuttings for grafting1.7 Check and set equipment to meet grafting specifications |
| 2. Bench graft vines | 2.1 Disbud cuttings according to workplace procedures2.2 Bench graft cuttings according to workplace procedures2.3 Treat graft union according to specifications and workplace procedures2.4 Monitor grafting process and equipment to ensure results are maintained within specifications2.5 Identify and address non-conformance according to workplace procedures |
| 3. Complete bench grafting activities | 3.1 Identify appropriate shutdown procedures3.2 Pack, label and store grafted vines according to workplace procedures3.3 Collect, treat and dispose of waste according to workplace waste procedures3.4 Record workplace information according to workplace procedures |

| Foundation SkillsThis 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. |
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| Skill | Description |
| Reading | * Comprehend information from a variety of workplace documents
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| Numeracy | * Count and record numerical information related to labelling and storage of grafted vines
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| Navigate the world of work | * Apply workplace procedures to own role and responsibilities
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| Get the work done | * Respond to routine problems by referring to workplace procedures
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT2XXX Bench graft vines | FDFWGG2001A Bench graft vines | Updated to meet Standards for Training PackagesCode changed to reflect industry sectorMinor changes clarify performance criteria | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4> |

| TITLE | Assessment requirements for FBPVIT2XXX Bench graft vines |
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| Performance Evidence |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.There must be evidence that the individual has prepared to bench graft vines, bench grafted vines and completed the bench grafting activities at least once and has demonstrated the following:* identifying workplace health and safety hazards and controls
* using personal protective equipment according to job requirements
* selecting and preparing appropriate vine material for grafting, including disbudding
* performing bench grafting of vines according to workplace practices
* following workplace requirements for grafting and post-grafting treatment and packing of vines
* monitoring grafted vines by identifying, rectifying or reporting out-of-specification vine grafts
* identify and address non-conformance
* cleaning up and storing equipment according to workplace requirements
* disposing of waste according to environmental policies and workplace procedures
* maintaining records according to workplace procedures.
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| Knowledge Evidence |
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| 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:* workplace health and safety hazards and controls
* purpose and principles of grafting and disbudding
* criteria for successful grafting:
* variety and clone
* matching cambium
* matching bevels and sizes
* wood diameters
* customer or workplace requirements
* importance of selection and use of rootstock and Vinifera
* advantages of using clonal and registered vine improvement rootstock material
* criteria for selecting parent vines for scion material
* procedures and optimum conditions for the storage of grafting material
* preparing vine material for grafting, including:
* removal from cold storage
* soaking
* heat treatment
* disbudding
* hydration
* grading
* procedures for monitoring the grafting process and equipment operation to identify non-conformance,
* purpose and components of grafting equipment and cleaning equipment
* packing, labelling and storing grafted vines relevant to:
* cold room layout
* cold room temperature variations
* customer requirements
* storage time requirements
* care of vines to minimise damage by moisture and disease
* procedures and responsibility for reporting problems
* environmental issues and controls, including:
* identifying, rectifying and reporting environmental non-conformance
* sorting, collecting, treating, recycling or disposing of waste
* cleaning requirements and procedures for work area and equipment
* reporting and recording required information
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| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:* physical conditions:
* an agricultural or horticultural workplace or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* appropriate personal protective equipment
* equipment, services and corresponding information
* products and materials
* cleaning procedures, materials and equipment
* documentation and recording requirements and procedures
* specifications:
* work procedures, including advice on company practices, safe work practices, quality and environmental requirements
* workplace grafting specifications
* legislative and local quarantine regulations and codes of practice
* instructions, information, specifications and schedules
* customer’s and supplier’s specifications.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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