Modification history

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| Release | Comments |
| Release 1 | This version released with FBP Food, Beverage and Pharmaceuticals Training Package version 2.0. |

| FBPVIT3005 | Maintain field nursery |
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| Application | This unit of competency describes the skills and knowledge required to plant, maintain and process field nursery vines.The unit applies to individuals who work under broad direction and take responsibility for their own work.No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.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. |
| Prerequisite Unit | Nil. |
| Unit Sector | Viticulture (VIT) - Nursery |

| 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 for field nursery planting | 1.1 Confirm work instructions and identify potential WHS hazards and controls in accordance with workplace procedures 1.2 Select and use personal protective clothing and equipment relevant to the job role 1.3 Prepare field nursery bed for planting according to work practices1.4 Ensure field nursery maintenance infrastructure is ready for use  |
| 2. Perform field nursery activities | 2.1 Plant field nursery in accordance with workplace specifications and procedures2.2 Apply appropriate vine protection methods according to workplace practices2.3 Carry out field nursery activities according to instructions2.4 Monitor young vine growth and health against requirements2.5 Recognise, rectify or report problems and anomalies |
| 3. Process field nursery rootlings for removal | 3.1 Undercut and lift vine rootlings according to workplace practices3.2 Prepare rootlings for transport according to workplace procedures3.3 Conduct work to comply with workplace environmental guidelines3.4 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 | * Reads and interprets instructions and specifications for operating equipment and consolidates information to determine requirements
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| Writing | * Prepares relevant reporting and other documentation using clear language, correct spelling and industry terminology
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| Oral Communication | * Uses clear language and oral concepts when clarifying and confirming work requirements
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| Navigate the world of work | * Recognises organisational expectations and follows explicit protocols and procedures within defined level of responsibility
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| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary
* Makes low-impact decisions around immediate clearly defined tasks
* Recognises and acts on opportunities for continuous improvement in accordance with workplace practices
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT3005 Maintain field nursery | FDFWGG3005A Perform field nursery activities | Updated to meet Standards for Training PackagesNew unit title to better define intent of unitMinor changes to Performance Criteria for clarity | 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 FBPVIT3005 Maintain field nursery |
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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 demonstrated all steps to plant, maintain and process field nursery vines at least once, including:* using personal protective equipment and following other specified work health and safety procedures
* planting in field nursery to specification
* following vine protection procedures
* preparing for, implementing and monitoring nursery activities
* preparing vine rootlings for transport
* monitoring the health of rootlings.
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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: * purpose, requirements and procedures for nursery bed preparation:
* preparing field nursery bed for planting:
* treatment of weeds
* soil cultivations
* nutrition
* planning vine planting
* application of weed matting
* irrigation systems
* maintenance infrastructure
* herbicide treatment
* soil cultivations
* fertiliser additions
* planning vine planting
* application of weed matting
* positioning irrigation pipes and points
* checking readiness of maintenance infrastructure
* planting in field nursery
* protection and maintenance requirements of young vines
* selecting and applying appropriate vine protection methods, including consideration of:
* climate, weather and prevailing wind
* vineyard pests
* aspect, orientation of vineyard
* irrigation or fertilisation schedule
* frost incidence
* maintaining and caring for young vines
* requirements of growing vines
* common causes and signs of young vine growth disorders and corrective action required:
* soil moisture
* signs of disease and pests
* water stress
* signs of nutrient deficiency
* growth rate
* work health and safety (WHS) hazards and controls:
* appropriate personal protective clothing and equipment
* correct procedures and requirements for lifting vine rootlings from the nursery bed:
* lifting rootlings from the beds whilst ensuring minimal plant damage
* roots undercut adequately
* gentle handling
* preparation requirements and procedures for transporting rootlings:
* trimming
* counting and bundling
* labelling
* grading
* packing
* procedures for taking corrective action in response to out-of-specification growth or appearance, or non-compliance
* procedures and responsibility for reporting problems
* environmental issues and controls
* reporting and recording requirements and procedures.
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| Assessment Conditions |
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| Assessment of skills must take place under the following conditions: * physical conditions:
* a workplace or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* personal protective clothing and equipment
* field nursery equipment, services and corresponding information
* products and materials required for field nursery work
* documentation and recording requirements and procedures
* specifications:
* work procedures, including advice on company practices, safe work practices, quality and environmental requirements
* instructions, information, specifications and schedules.

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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