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 | Recognise disorders and identify pests and diseases |
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| Application | This unit of competency describes the skills and knowledge required to recognise the symptoms and identify the cause of pests, diseases and plant disorders.  The unit applies to individuals who carry out workplace procedures in completing tasks associated with pest and disease control.  All work must be carried out to comply with workplace procedures, in accordance with state/territory work health and safety, 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. Monitor vine health | 1.1 Confirm job requirements  1.2 Identify workplace health and safety hazards and controls according to workplace procedures  1.3 Select and fit personal protective equipment according to job requirements  1.4 Monitor vineyard for pests, diseases and vine disorders according to workplace procedures  1.5 Recognise and identify symptoms of pests, diseases and vine disorders according to workplace procedures |
| 2. Assess and report symptoms of vine pests, diseases and disorders | 2.1 Assess severity and determine extent of pests, diseases or vine disorders according to workplace procedures and industry specifications  2.2 Identify vineyard location where pests, diseases or vine disorders are present  2.3 Record and report details of pests, diseases or vine disorders according to workplace procedures |

| Foundation Skills  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. | |
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| Skill | Description |
| Reading | * Comprehend information from a variety of workplace documents |
| Writing | * Produce workplace documents using industry-based vocabulary, grammar and conventions |
| Numeracy | * Calculate numerical information relating to estimating degree of infestation and disorders |
| Navigate the world of work | * Apply workplace procedures and legislative responsibilities to own role |
| Get the work done | * Respond to routine problems by referring to workplace procedures * Plan and organise tasks to achieve job requirements |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT2XXX Recognise disorders and identify pests and diseases | FDFWGG2017A Recognise disorders and identify pests and diseases | Updated to meet Standards for Training Packages  Code changed to reflect industry sector  Minor changes to elements and 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 FBPVIT2XXX Recognise disorders and identify pests and diseases |
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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 identified, assessed and reported symptoms of vine pests, diseases and disorders for at least two different vines including:   * selecting and fitting personal protective equipment * recognising symptoms of vine pests, diseases and disorders * determining the cause of symptoms * assessing the location and extent of spread * determining the severity of pests, diseases and vine disorders * recording and reporting findings according to workplace procedures. | |

| 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:   * principles of workplace’s integrated pest management program and importance of identifying vine disorders, pests and diseases * responsibilities for workplace health and safety including: * workplace health and safety hazards associated with treatment of disorders, pests and diseases * methods for controlling risks associated with work health and safety hazards * responsibilities for identifying and controlling environmental issues * personal protective equipment * vine physiology, as it applies to: * water intake * nutrient uptake * photosynthesis * transpiration, respiration and translocation * parts of the root, trunk, shoot and fruit systems of the grapevine and their role in how the vine works: * buds, nodes and tendrils * cambium, epidermis, phloem and xylem * leaf blade, bract and petiole * bunch, berries and flowers * annual growth stages of grapevines: * budburst * flowering * veraison * maturity * vine types, characteristics and uses including: * family, genus and species names and categories * Vitis vinifera and commercial varieties * native species and hybrids (e.g. V. labrusca) * root stocks and scion stock * key grape varieties and distinguishing features, including berry and bunch characteristics: * frost and disease resistance * flavour and style * signs and symptoms of common vine disorders, pests and diseases including: * light brown apple moth (LBAM) * powdery mildew * downy mildew * botrytis * mites * fruit fly * reporting responsibilities and procedures |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * a vine growing workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * equipment and materials for monitoring and controlling pests, diseases and disorders * system for recording and reporting information * specifications: * workplace procedures for reporting pests, diseases and disorders * legislative and local quarantine regulations and codes of practice   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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