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. |

| AHCPHT2019 | Perform pest control activities |
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| Application | This unit of competency describes the skills and knowledge required to carry out pest control activities for weeds, vertebrate and invertebrate pests within wine operations.The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.Use of chemical treatments may be controlled in some regions and advice should be sought from relevant regulators in the relevant State and Territory. Individuals performing shooting activities may require a gun license under State and Territory legislation.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 | Production horticulture (PHT) |

| 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 pest control activities | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls with supervisor1.2 Select and use appropriate personal protective clothing and equipment relevant to job role1.3 Check serviceability and calibrate equipment according to equipment operator instructions |
| 2. Identify pests and treatments | 2.1 Identify weeds, vertebrates and invertebrates pests found in the wine operations environment2.2 Record and report details of pests according to workplace procedures2.3 Select treatment method as instructed2.4 Ensure materials are ready to meet requirements |
| 3. Carry out pest control activities | 3.1 Undertake work in accordance with relevant material safety data sheets (MSDS) and workplace environmental guidelines3.2 Prepare control treatments safely according to instructions3.3 Prepare equipment according to operator instructions3.4 Apply control treatments according to workplace practices3.5 Monitor treatment and equipment to ensure operation is within specification3.6 Identify, rectify or report problems and anomalies according to workplace procedures |
| 4. Complete pest control activities | 4.1 Shut down, clean and store equipment according to operator instructions4.2 Collect and store unused treatment material in accordance with workplace procedures4.3 Collect and dispose of waste according to workplace practices and environmental regulations4.4 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 textual information from a variety of workplace documents accurately
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| Writing | * Produce workplace documents using industry-based vocabulary, grammar and conventions
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| Oral Communication | * Converse clearly using industry-specific language
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| Numeracy | * Calculate numerical information relating to estimating, measuring and mixing materials
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| Navigate the world of work | * Follow clear instructions within defined level of responsibility
* Recognise own work performance and seek assistance where required
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| Get the work done | * Recognise and act on opportunities for continuous improvement in accordance with workplace practices
* Respond to routine problems using step-by-step instructions and procedures
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPHT2019 Perform pest control activities | FDFWGG2019A Perform vertebrate pest control activities | Updated to meet Standards for Training PackagesUpdated to meet Standards for Training PackagesCode changed to reflect changed training package Title changed as unit covers broad range of pests  | No equivalent unit |

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

| TITLE | Assessment requirements for AHCPHT2019 Perform pest control activities |
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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 the following for at least two different types of pests:* complying with work health and safety and environmental policies and procedures, including:
* using personal protective equipment
* reading and interpreting Material Safety Data Sheets (MSDS)
* following other specified work health and safety procedures, including safe handling of chemicals
* identifying common weeds, vertebrate and invertebrate pests
* selecting and implementing control activities
* selecting, preparing and applying treatments according to instructions
* recording treatments according to workplace requirements.
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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:* work health and safety (WHS) hazards and controls:
* purpose and application of personal protective clothing and equipment
* safe preparation and handling of chemicals
* correct operating procedures for pest control equipment:
* safe and effective handling of equipment
* preparing equipment
* calibrating equipment
* cleaning equipment
* applying particular settings
* safety and environmental regulations affecting the use of chemicals for pest control:
* environmental issues and controls
* using appropriate cleaning techniques
* identifying, rectifying and reporting environmental non-compliance
* characteristics of common pests found in wine operations environments:
* weeds
* vertebrate
* invertebrate
* common environments
* location by regions
* life cycle of pests
* common control treatments:
* weeding
* ripping
* gassing
* baiting
* poisoning
* shooting
* bird-scaring activities
* traps
* guards
* fencing
* different types of pest controls and their uses, including integrated pest management (IPM)
* implementing appropriate control measures
* procedures for preparing treatments:
* setting up application equipment
* measuring treatment rates
* mixing treatments to ensure homogenous mix
* interpreting treatment label information
* interpreting Material Safety Data Sheet (MSDS) information
* equipment and treatments recommended application methods:
* weed treatment applicators
* rippers
* fencing gear
* scaring devices
* baits
* guns
* traps
* procedures and responsibilities for reporting problems and anomalies
* reporting and recording requirements and procedures
* principles of wine operations hygiene
* cleaning requirements and procedures for work area and equipment
* waste disposal 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 used for controlling pests
* equipment, services and corresponding information
* weeds, vertebrate and invertebrate pests to be treated
* equipment cleaning procedures and materials
* documentation and recording requirements and procedures
* specifications:
* work procedures, including advice on company practices, safe work practices, quality, regulations and environmental requirements
* legislative and local pest control regulations and codes of practice
* 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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