Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

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| AHCPMG202 | Treat plant pests, diseases and disorders |
| Application | This unit of competency describes the skills and knowledge required to recognise plant pests, diseases and disorders determine the treatment options and apply treatments under supervision.  The unit applies to individuals working in a broad range of job contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.  State or Territory licensing, legislative or certification requirements apply in some jurisdictions. |
| Prerequisite unit | Nil |
| Unit sector | Pest Management (PMG) |

| 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 treat plant pests, diseases and disorders | 1.1 Identify and record details of pest, disease or disorder and confirm with supervisor according to workplace procedures  1.2 Discuss and select appropriate control technique with the supervisor  1.3 Perform calculations according to control option and treatment requirements and confirm with supervisor  1.4 Select and prepare equipment for use according to workplace procedures, supervisor instructions and manufacturer specifications  1.5 Secure treatment area according to workplace safety procedures and supervisors instructions  1.6 Identify work health and safety hazards and risks and apply appropriate controls according to supervisor instructions |
| 2. Apply treatments to plant pests, diseases and disorders | 2.1 Identify, select and use personal protective equipment according to according to workplace procedures and manufacturer instructions  2.2 Prepare treatments according to supervisor's instructions, chemical label instructions, safety data sheets and manufacturer instructions  2.3 Apply treatments to minimise damage and exposure to off-target species according to workplace procedures, health, safety and environmental legislative and regulatory requirements |
| 3. Carry out post treatment operation | 3.1 Clean and store personal protective equipment and application equipment according to workplace and environmental procedures  3.2 Dispose of treatment waste according to environmental procedures  3.3 Maintain records according to workplace procedures and legislative and regulatory requirements |

| 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 | * Interprets textual information from a range of sources to identify relevant and key information to operate equipment, determine methods and rates for treatments |
| Writing | * Prepares treatment records using clear and accurate language and terminology |
| Numeracy | * Performs basic mathematical calculations to determine rates of materials relevant to treatment option |
| Oral Communication | * Uses clear language and concepts, and tone and pace appropriate when communicating with supervisor |
| Navigate the world of work | * Recognises and applies organisational expectations and follows explicit work procedures and protocols |
| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeking assistance when necessary |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPMG202 Treat plant pests, diseases and disorders | AHCPMG202 Treat plant pests, diseases and disorders | Updated to meet Standards for Training Packages  Minor 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=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| TITLE | Assessment requirements for AHCPMG202 Treat plant pests, diseases and disorders |
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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 on at least one occasion the individual has demonstrated that they have treated plant pests and diseases including:   * recognised and recorded target pests, diseases and disorders and confirmed with supervisor * discussed and selected control options with supervisor * prepared control options and treatments following required procedures * identified health, safety and environmental hazards and risks and applied controls according to workplace procedures * reported health safety and environmental exceptions to supervisor * identified, selected and fitted personal protective equipment * applied treatments safely ensuring off-target species were unaffected * shut down, cleaned and stored personal protective equipment and application equipment according to environmental procedures * disposed of waste according to workplace procedures and environmental procedures * updated records according to workplace procedures and legislative and regulatory requirements. | |

| 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:   * common pests, disease and disorders identification and naming * pests, disease and disorders and dissemination methodologies common to work area * pests, disease and disorders treatment options, including: * cultural * chemical * mechanical * biological * integrated pest management * basic environmental considerations when using chemicals for treating pests, disease and disorders, including: * spray drift and off target damage * inversion * re-entry period * residues * chemical handling * regulatory requirements and responsibilities when applying control measures * pests, disease and disorders control equipment, capabilities and limitations * work health and safety including personal protective equipment required for treating pests, disease and disorders * principles and methods for securing treatment sites including, caution or hazard signs and signals * purpose and use of chemical labels and safety data sheets * environmental considerations when treating pests, diseases and disorders, and disposing of waste materials * record keeping methods and requirements. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated on a site with weed infestation or an environment that accurately represents workplace conditions * resources, equipment and materials: * weeds to be identified and controlled * use of tools and equipment suitable for control options and treatments * use of specific items of personal protective equipment * use of treatment materials * specifications: * use of specific workplace documents such as treatment and control procedures and processes and forms for recording treatments * use of manufacturer’s operating instructions for specific equipment, machinery used for weed control * access to safety data sheets for treatment materials * use of workplace instructions * access to specific regulations * relationships: * supervisor.   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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