



Australian Government

Assessment Requirements for AHCPMG302 Control plant pests, diseases and disorders

Release: 3

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Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

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 that on at least one occasion they can control pests, disease and disorders, including:

- identified and recorded pests, diseases and disorders, beneficial organisms on host plants in target area
- assessed damage, threat and threshold of pests diseases or disorders on host plants according to client, market or environment requirements
- selected and implemented pest, disease and disorder control measures according to workplace, environmental and safe work practices
- identified and selected tools equipment and resources necessary to implement the control measure
- identified and assessed health and safety hazards and risks and incorporate and implemented in controls strategies according to health and safety procedures
- identified, fitted and used personal protective equipment according to workplace procedures
- monitored the effectiveness of pest and disease control
- adjusted control measure on crop and off-target entities where outcomes were below expectation
- maintained records of pest and disease control activities according to regulatory and workplace requirements
- coordinated the control strategy with others according planned outcomes.

Knowledge Evidence

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:

- pest, disease and disorder and symptom recognition of host stress
- economic, aesthetic or environmental thresholds for a range of plant pests, diseases and disorders
- control strategies for pests diseases and disorders, including:
 - chemical
 - biological
 - cultural methods
 - treatments available
 - Integrated Pest Management
 - industry best practice
- tools, equipment and machinery for implementing the control strategies and the importance of calibration
- site monitoring and analysis techniques used to implement a control strategy
- implications of control strategies for:
 - target and off-target
 - site limitations
 - environmental implications
 - end market and production
 - environmental objectives
- health and safety in the workplace responsibilities for employees and employers
- correct use, maintenance and storage of personal protective equipment
- health and safety in the workplace and environmental regulatory requirements including hazardous substances regulations
- basic communications skills
- workplace and mandatory record keeping requirements.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in the field or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - pests, diseases and disorders
 - tools and equipment for control program
 - personal protective equipment
- specifications:

- workplace documents including policies, procedures, processes and forms for record keeping
- manufacturers' operating instructions for specific equipment and machinery
- safety data sheets
- workplace instructions and client briefs
- specific legislation/codes of practice
- relationships:
 - clients
 - supervisor.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>