



Australian Government

Assessment Requirements for AHCPMG501 Develop a regional pest management plan

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

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 produced at least one pest management plan that must include the following:

- objectives of the management plan
- alternative management options
- measurable metrics for objectives.

The management plan must also comply with relevant legislation and best practice principles for pest management, and must take into consideration the following points:

- pest populations and options for control
- changes to land management or production practices
- impact of economic factors
- technical difficulty
- practicality and feasibility
- social and environmental acceptability.

There must also be evidence that the individual has:

- consulted with stakeholders to reach agreed outcomes
- investigated geographical area for landscape and land use
- developed pest management plan according to defined pest problem
- aligned pest management plan to biosecurity regulations and other legislation
- developed, evaluated and documented management options for managing pest populations
- achieved approval of the plan from key stakeholders
- conducted risk assessment and cost–benefit analyses of a range of management options to assist in selection.

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:

- consultative planning methods and techniques
- concepts of the strategic approach to pest management, the importance of monitoring and the effectiveness of management evaluation
- relevant local, regional, state/territory and national pest management strategies
- federal, state or territory legislation and regulations relating to pest management activities
- principles of integrated pest management
- types of monitoring technology for pest management
- impact of pests on terrestrial and aquatic ecosystems and production enterprises
- pest management options and strategies
- techniques used to validate target pest population and distribution data supplied by stakeholders, and methods of obtaining other relevant data
- measuring and estimating economic losses and environmental impact from pest presence
- federal and state or territory legislation and regulations relating to property, stock and duty of care
- target pest biology and lifecycles
- pest population dynamics and economic and environmental thresholds
- wildlife issues and how to minimise risks to non-target species as well as deal with pest behaviour
- environmental protection, cultural and heritage legislation affecting pest management
- basic requirements for ensuring the welfare of animals described in the relevant codes of practice.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated for a regional area or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital technology and software for research and documenting plans
- specifications:
 - workplace policies and procedures for pest management planning
 - • legislation, regulations and industry codes of practice for pest management
- relationships:
 - stakeholders.

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-524b2322cf7>