



Australian Government

AHCPMG501 Develop a regional pest management plan

Release: 1

AHCPMG501 Develop a regional pest management plan

Modification History

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

Application

This unit of competency describes the skills and knowledge required to develop a pest management plan that applies to a large or regional area. It also describes the skills and knowledge required to gain agreement and commitment from stakeholders to implement the plan, which is used by land managers who practice sustainable land management principles and require a collaborative approach with neighbouring landholders.

The unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They demonstrate deep knowledge in specific technical areas, are able to analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Pest Management (PMG)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine goals of the plan	1.1 Define pest problem and determine scope of pest management plan 1.2 Establish a steering committee where a need has been identified 1.3 Determine consultation requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Determine and document goals through consultation with stakeholders 1.5 Assess and document pest management options for goals of management plan
2. Set specific objectives for the pest management plan	2.1 Define and document objectives to be achieved in consultation with stakeholders 2.2 Define roles and responsibilities of stakeholders in delivering objectives
3. Identify activities required to achieve specific objectives	3.1 Determine and document activities required to achieve objectives in consultation with stakeholders 3.2 Prioritise activities and seek commitment from stakeholders 3.3 Conduct risk management assessment for community, environment, workplace health and safety and production 3.4 Confirm activities align with pest management plan, and environmental, sustainability and biosecurity policies and legislation 3.5 Determine measurable performance metrics for objectives 3.6 Determine monitoring, evaluation and reporting methods
4. Publish the plan	4.1 Verify that plan complies with biosecurity, legislative and national and state or territory strategic policies 4.2 Submit draft plan to stakeholders for review and feedback 4.3 Finalise plan from stakeholder feedback and seek endorsement 4.4 Publish and distribute plan according to workplace 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.

Skill	Description
Writing	Generate complex written plans for a specified purpose by selecting appropriate conventions and stylistic devices to express precise meaning

Skill	Description
Oral Communication	Establish and maintain effective communication in a broad range of contexts when communicating and negotiating with stakeholders
Numeracy	Interpret complex economic measures, and perform calculations for determining the economic impact of pests

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG501 Develop a regional pest management plan	AHCPMG507 Develop a regional pest management plan	Minor changes to Application Minor changes and consolidation of Elements and Performance Criteria Foundation Skills added Updated Performance Evidence and Assessment Conditions	Equivalent

Links

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

Assessment Requirements for AHCPMG501 Develop a regional pest management plan

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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 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.

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