



Australian Government

AHCPMG412 Develop a pest management plan

Release: 2

AHCPMG412 Develop a pest management plan

Modification History

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.

Application

This unit of competency describes the skills and knowledge required to develop a pest management plan for the management of pests, in the broader context of weeds, vertebrate or invertebrate pests and diseases. This includes identifying the activities required to meet objectives of the organisation through the coordination of human and physical resource requirements.

The unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

No occupational licensing, legislative or certification requirements are known to 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 pest management plan	1.1 Determine scope of the plan according to project requirements 1.2 Conduct and document consultation with stakeholders to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	determine goals according to workplace procedures 1.3 Determine realistic time frames for plan implementation
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 relating to the pest management plan	3.1 Determine and document activities required to achieve objectives by proposed deadlines in consultation with stakeholders 3.2 Select and schedule activities according to critical control points and workplace activities 3.3 Conduct risk management for community, environment, production and health and safety according to health and safety in the workplace procedures and biosecurity and environmental regulations 3.4 Identify site clean-up requirements according to workplace procedures 3.5 Develop contingency plans for identified risks and external influences according to health and safety in the workplace and biosecurity procedures and regulations 3.6 Determine monitoring methods and procedures 3.7 Determine control methods relevant to the plan
4. Estimate resources required to complete required activities	4.1 Determine human and physical resources required for plan 4.2 Estimate and document cost of resources according to workplace procedures
5. Finalise pest management plan	5.1 Prioritise activities in plan 5.2 Document and present plan to stakeholders for approval according to workplace procedures

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	Document outcomes of discussions and produce plans using industry relevant terminology
Numeracy	Apply computational skills to determine costs of resources and determine time lines and activity schedules
Oral Communication	Present complex information in formal situations using clear and convincing language, tone and pace appropriate when consulting with stakeholders
Navigate the world of work	- Work independently or with others in making decisions to achieve organisation outcomes - Contribute to roles and responsibilities of others - Take full responsibility for following policies, procedures and legislative requirements
Get the work done	- Accept responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others taking into account capabilities, efficiencies and effectiveness while developing plans and schedules - Apply systematic and analytical decision making processes for complex and non-routine situations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG412 Develop a pest management plan Release 2	AHCPMG412 Develop a pest management plan Release 1	Minor changes to Performance Criteria for clarity Updated Performance Evidence and Knowledge Evidence	Equivalent unit

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 AHCPMG412 Develop a 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 on at least one occasion the individual has demonstrated that they have developed a pest management plan, including:

- developed the scope, goals and time frames for a pest management plan
- consulted with stakeholders in the development of the plan
- defined and documented the objectives, roles and responsibilities for the plan
- identified and documented the activities and developed a schedule of critical control points
- conducted a risk assessment for management of community, environment production and health and safety in the workplace and developed contingency plans
- determined and developed operational procedures and methods for monitoring the plan, control methods to be used, site clean-up strategy, and biosecurity
- identified resources and estimated cost of pest management plan
- prioritised activities according to budgetary constraints
- incorporated health and safety in the workplace, environmental and biosecurity procedures and regulations into pest management plan.

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:

- project planning and management processes
- factors that impact on selection of pest management activities, including:
 - pests in the context of weeds, vertebrate and invertebrate animals and diseases
 - pest behaviour
 - pest population dynamics and economic and environmental thresholds

- target pest biology and lifecycles
- potential diseases or toxicity risks
- relevant local, regional, state or territory and national pest management strategies
- the principles that underpin the strategic approach to managing pests
- land management and production processes of targeted area
- Federal, state or territory legislation and regulations relating to pest management activities including animal welfare
- chemical, biological, physical and habitat control techniques for pest management
- pest control methods and techniques
- critical control points in the target pests' life cycle, land management and production activity cycles
- develop objectives for specific, measurable, achievable, realistic and time-based outcomes.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - technology and resources for documenting plans
- specifications:
 - workplace documents including policies, procedures, processes
 - pest management planning tools
 - workplace instructions and job specifications
 - specific legislation and codes of practice
- relationships:
 - clients
 - team member(s)/work crew
 - supervisors/management.

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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