



**Australian Government**

# **AHCPMG308 Implement pest management strategies**

**Release: 2**

# AHCPMG308 Implement pest management strategies

## 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 assist in the implementation of a pest management plan for weeds, vertebrate or invertebrate pests.

The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving 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. Prepare for pest management strategy implementation | 1.1 Access and interpret the pest management plan and discuss requirements with supervisor<br>1.2 Determine declared species in legislation<br>1.3 Identify concepts of the pest management plan and impact on implementation |

| <b>Elements</b>                                               | <b>Performance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>              | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                               | <p>1.4 Identify key stakeholders and take into consideration their opinions about the pest management plan</p> <p>1.5 Identify, select and prepare resources required for implementation</p> <p>1.6 Identify health and safety hazards, risks and controls required according to health and safety in the workplace procedures</p> <p>1.7 Identify select, fit, use and maintain personal protective equipment according to workplace procedures</p> <p>1.8 Identify budgetary constraints for pest management plan and ensure planned activity is within budget</p>                                                                                                          |
| 2. Assess targeted pest                                       | <p>2.1 Identify the targeted pest and determine pest characteristics</p> <p>2.2 Identify pest management control method according to workplace procedures</p> <p>2.3 Identify pest status according to location, land use, legislative requirements, benefits and damage caused</p> <p>2.4 Assess target area for hazards, environmental risks and conflicting outcomes with pest management plan,</p>                                                                                                                                                                                                                                                                        |
| 3. Implement the pest management plan                         | <p>3.1 Use safeguards to ensure that the target pest is controlled, and other species remain unharmed according to plan outcomes</p> <p>3.2 Assess and control environmental impacts and use biosecurity and sustainability principles as outlined in the plan</p> <p>3.3 Use appropriate application processes and techniques to achieve desired period of control</p> <p>3.4 Ensure animal welfare, property, stock and duty of care comply with federal and state legislation</p> <p>3.5 Assess the effectiveness of the plan using relevant monitoring techniques and survey data</p> <p>3.6 Apply follow-up controls to manage reinfestation according to procedures</p> |
| 4. Complete activities pertaining to the pest management plan | <p>4.1 Dispose of pest waste according to workplace procedures and legislative requirements</p> <p>4.2 Review and assess outcomes of the plan with supervisor to inform future pest management plans</p> <p>4.3 Complete required documentation and make recommendations to supervisor according to workplace procedures</p>                                                                                                                                                                                                                                                                                                                                                  |

| Elements                                         | Performance Criteria                                                                                   |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
|                                                  | 4.4 Clean, store and maintain equipment, tools and machinery                                           |

## 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                                                                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading                    | <ul style="list-style-type: none"> <li>Read and interpret pest management plans and other documentation to consolidate information to determine implementation requirements</li> </ul>                                                                                                                                               |
| Writing                    | <ul style="list-style-type: none"> <li>Accurately record and complete organisational documentation using clear language, and terminology for recording and reporting performance of management strategies</li> </ul>                                                                                                                 |
| Numeracy                   | <ul style="list-style-type: none"> <li>Perform mathematical calculation to analyse budgetary information, costs and values to determine performance against budget</li> </ul>                                                                                                                                                        |
| Oral Communication         | <ul style="list-style-type: none"> <li>Effectively participate in verbal exchanges including active listening and questioning and reading of verbal and non-verbal signals to convey and clarify information with supervisor</li> </ul>                                                                                              |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Take responsibility for following explicit and implicit policies, procedures and legislative requirements</li> </ul>                                                                                                                                                                          |
| Get the work done          | <ul style="list-style-type: none"> <li>Take responsibility for planning, sequencing and prioritising tasks and workload for efficiency and effective outcomes</li> <li>Make routine decisions and implements standard procedures for tasks, using formal decision-making processes for complex and non-routine situations</li> </ul> |

## Unit Mapping Information

| Code and title current version | Code and title previous version | Comments                              | Equivalence status |
|--------------------------------|---------------------------------|---------------------------------------|--------------------|
| AHCPMG308<br>Implement pest    | AHCPMG308<br>Implement pest     | Minor changes to Performance Criteria | Equivalent unit    |

|                                 |                                 |                                                                    |  |
|---------------------------------|---------------------------------|--------------------------------------------------------------------|--|
| management strategies Release 2 | management strategies Release 1 | for clarity<br>Updated Performance Evidence and Knowledge Evidence |  |
|---------------------------------|---------------------------------|--------------------------------------------------------------------|--|

## 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 AHCPMG308 Implement pest management strategies

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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 demonstrated that they have implemented a pest management strategy, including:

- accessed and interpreted pest management plan and discussed requirements
- identified declared species
- identified stakeholders, resources, health and safety in the workplace requirements and budgetary constraints of pest management plan
- assessed the target pest status, control technique and impact
- implemented the pest management plan using appropriate techniques ensuring safety of non-target species and environment
- applied the techniques to achieve long term outcomes
- applied standard monitoring techniques
- reviewed pest management plan and presented recommendations on improvements
- disposed of waste and cleaned, stored and maintained equipment according to workplace and legislative requirements.

### 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:

- appropriate legislative requirements with regards to declared species
- basic sustainability principles, including the ecological role provided by some pests
- federal and state legislation relating to property, animal welfare and duty of care
- risk management approaches
- stakeholder engagement and consultation strategies

- pest physiological and biological characteristics that influence on pest management, particularly with regard to pest populations and the ability of pests to rapidly recolonise
- pest management control methods and techniques and how they fit into an integrated pest management strategy
- standard monitoring techniques
- pest status in the context of location, land use, benefits and damage caused
- types of follow up techniques that may be required to minimise the possibility of reinfestation
- information sources used for identifying and managing pests
- animal welfare requirements for vertebrate pest control
- legislative requirements for the destruction, movement and propagation of a declared species
- biosecurity principles, including prevention of pest spread
- requirements for ensuring the welfare of animals described in the relevant Codes of Practice
- conflicting and cross purpose land use resolution processes.

## 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:
  - live pests
  - vehicle, tools and equipment and resources appropriate to the control methods
  - personal protective equipment
- specifications:
  - workplace documents including procedures, processes, forms
  - manufacturers' operating instructions for specific equipment and machinery
  - safety data sheets where chemicals have been used
  - workplace instructions, job specifications or client briefs
  - specific legislation/codes of practice
  - financial budget for project
- relationships:
  - clients
  - 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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