



Australian Government

AHCPMG306 Determine pest control techniques

Release: 2

AHCPMG306 Determine pest control techniques

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 select a pest control technique for a strategic approach to pest management.

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. Assess targeted pest	1.1 Identify the biology and characteristics of the target pest 1.2 Observe and confirm the location and extent of the pest problem 1.3 Observe and confirm target pest behaviour and movement patterns 1.4 Assess the impact of the pest on assets

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Assess pest control techniques	2.1 Identify purpose of control program and determine desired outcomes 2.2 Discuss suitable pest control strategy with supervisor according to planned outcomes 2.3 Identify biosecurity risks associated with control methods 2.4 Determine legislative, economic or social constraints on pest control techniques 2.5 Identify non-target species and constraints that they may impose 2.6 Assess the impact that urban areas will have on the planning of pest control techniques
3. Plan the pest control	3.1 Source information on techniques applicable to the type of pest 3.2 Identify permits, licenses or clearances required to carry out pest control activities 3.3 Assess the relative humaneness of pest control techniques, where target pests include animals 3.4 Determine control measures to address identified constraints 3.5 Identify safety hazards associated with control measures and apply relevant health and safety in the workplace policies and procedures to manage risks 3.6 Discuss and confirm the most appropriate technique for the situation with the stakeholder, and the desired outcome 3.7 Determine monitoring techniques according to workplace practices

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	Analyse and consolidate technical information and data against defined criteria to determine planned outcomes
Oral Communication	Effectively participate in verbal exchanges including active listening and questioning and reading of verbal and non-verbal

Skill	Description
	signals to convey and clarify information
Navigate the world of work	Take responsibility for following explicit and implicit policies, procedures and for licencing and permit requirements
Get the work done	- Take responsibility for planning, sequencing and prioritising tasks and workload for efficiency and effective outcomes - Make routine decisions and implements procedures for routine tasks, using formal decision-making processes for more complex situations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG306 Determine pest control techniques Release 2	AHCPMG306 Determine pest control techniques 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 AHCPMG306 Determine pest control techniques

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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 determined pest control techniques, including:

- assessed the impact of pests on assets
- identified the target pest and its characteristics
- determined the desired outcomes, constraints and measures for pest control techniques
- planned and discussed appropriate humane pest control techniques with supervisor and stakeholder
- used a variety of monitoring techniques to determine pest numbers
- identified non-target species and biosecurity risks affected during a control program
- identified pest control permissions and licences required for pest control techniques
- determined the legal, economic and social constraints affecting pest control techniques
- included health and safety in the workplace policies and procedures when planning pest control techniques.

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 lifecycles and behaviours, including modes of dispersal, biology and reproduction
- features of target and non-target species
- habitats of target and non-target pest animals
- impacts pest control activities can have on native species
- licenses, permits and clearances that may need to be obtained
- the impact pest control can have on nearby urban areas and off target species
- pest control techniques appropriate for different contexts

- key conditions for the survival of pests and methods for eliminating or controlling those conditions
- basic requirements for ensuring the welfare of animals described in the relevant Codes of Practice, where target pests are vertebrate animals
- pests and their impact on assets, including the environment and their acceptable population densities
- types of constraints that apply to pest control techniques
- legislation applicable to pest control including declared species.

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:
 - live pests
- specifications:
 - workplace documents including survey plans, procedures, records and forms
 - workplace instructions or briefs
 - specific animal welfare codes of practice
 - technical information and resources applicable to pest.

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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