



Australian Government

AHCPMG305 Survey pests

Release: 2

AHCPMG305 Survey pests

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 survey pest abundance for plants, vertebrate or invertebrate animals. This will be carried out using a range of observation techniques in conjunction with workplace pest management plan, survey strategy and a monitoring program according to established standards and protocols.

The unit applies to individuals who work under broad direction and take responsibility for their own work use discretion and judgement in the selection and use of available resources.

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 to conduct survey	1.1 Access and interpret pest management plan, survey strategy and monitoring program documents according to workplace procedures 1.2 Map location and boundaries for the count and obtain required permits

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Work with key stakeholders to develop trust and effective working relationships 1.4 Identify natural areas and features 1.5 Confirm location of habitats and the range of movement of the target pest 1.6 Determine items of direct evidence of the pest to be counted and survey method 1.7 Determine time and duration of the count and notify relevant personnel 1.8 Identify safety hazards and take precautions to minimise risks associated with the selected survey method 1.9 Identify environmental risks and take precautions to minimise risks associated with the count 1.10 Check serviceability of resources required to complete the count
2. Conduct survey and record observations	2.1 Operate equipment according to workplace procedures and operator instructions 2.2 Conduct count within boundaries of specified location 2.3 Record observations of direct evidence of the target pest and report to supervisor 2.4 Clean and store equipment and materials according to workplace practices 2.5 Apply animal welfare policies and procedures when conducting survey

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	Read and interpret plans, strategies and other documentation and consolidates information to determine and implement surveys
Writing	Accurately complete organisational records of observations using

Skill	Description
	clear language and industry terminology
Numeracy	Perform basic mathematical calculations to determine counts and preparing reports and records
Navigate the world of work	Take personal responsibility for following explicit and implicit policies, procedures and permit requirements
Interact with others	Select and use appropriate conventions and protocols when communicating with key stakeholders
Get the work done	Take responsibility for planning, sequencing and prioritising tasks and workload

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG305 Survey pests Release 2	AHCPMG305 Survey pests 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 AHCPMG305 Survey pests

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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 surveyed pests, including:

- organised and completed a pest survey according to the organisation's pest management plan and survey strategy
- recognised signs or evidence of common pests
- counted, calculated and recorded observations
- operated equipment safely and according to workplace and environmental procedures
- cleaned and stored the equipment at the conclusion of the job
- took appropriate safety and environmental precautions for all pest survey activities
- applied appropriate animal welfare practices.

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:

- survey techniques and equipment appropriate to the geography and type of pest being surveyed
- health and safety considerations with survey techniques including aerial observation
- the basic requirements for ensuring the welfare of animals described in the relevant Codes of Practice
- relevant parts of the organisation's pest management plan and survey strategy
- permits and permissions required for survey work
- pest survey plans and their application
- pest behaviour and habitats including areas that have a high probability of infestation
- direct evidence requirements of range of pests included in pest management plan
- survey recording methods and procedures

- map reading techniques for survey work.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a site with pests to be surveyed or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - live pests to be surveyed
 - survey tools and equipment
 - personal protective equipment
- specifications:
 - workplace documents including survey plans, procedures, survey records and forms
 - manufacturers' operating instructions for specific equipment
 - workplace instructions or briefs]
 - specific animal welfare codes of practice
- relationships:
 - • team member, supervisor or key stakeholder.

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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