



Australian Government

AHCPMG410 Implement the pest monitoring and evaluation plan

Release: 1

AHCPMG410 Implement the pest monitoring and evaluation plan

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement the pest monitoring plan and evaluate and report on performance of pest management.

Pests may be weeds, vertebrate or invertebrate pests or a combination of these.

This 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. However, all units of competency dealing with animals in the AHC Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.

Pre-requisite Unit

Nil.

Unit Sector

Pest Management (PM)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Obtain and collate all available data	1.1 Determine the objectives of the pest monitoring and evaluation plan 1.2 Collate data on pest numbers, economic and environmental impacts of pests and pest management plan operating costs 1.3 Consult with stakeholders about the pest management plan 1.4 Identify pest signs and confirm if there is presence of recent pest

Element	Performance criteria
	activity around the site 1.5 Identify signs of previous control activity
2. Monitor the pest management plan	2.1 Determine monitoring points in the monitoring plan 2.2 Measure response to the control procedures used 2.3 Confirm that work health and safety requirements are being followed 2.4 Confirm that environmental requirements are being followed 2.5 Record any corrective actions required, processes used and outcomes achieved and report to management
3. Evaluate data against objectives and performance criteria	3.1 Compare data with objectives and performance criteria in the monitoring plan 3.2 Compare costs with budget 3.3 Document costs and benefits
4. Compile a report of the evaluation	4.1 Isolate and examine indicators of good and poor performance 4.2 Use clearly stated conclusions, supported by data, in relation to changes in pest abundance and impacts 4.3 Compile a report that includes discussion of data analysis results
5. Recommend modifications	5.1 Make recommendations to modify or eliminate causes of poor performance or to enhance current performance 5.2 Make recommendations to reduce impacts on land management and production processes 5.3 Provide recommendations to management in the required format

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit has resulted from the merging of AHCPMG407A Monitor and evaluate the local pest management action plan, AHCPMG408A Assess and monitor weed, pest and/or disease control programs and AHCPMG505A Evaluate the pest management strategy and is not equivalent to any of these units.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPMG410 Implement the pest monitoring and evaluation plan

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- implement a pest monitoring and evaluation plan to organisational requirements
- collate data as required in the pest monitoring and evaluation plan
- conduct a site inspection
- consult with stakeholders about the plan
- measure responses to the organisation's pest control procedures
- analyse data against objectives and performance criteria
- produce a report on the results of monitoring operations and a report with evaluation results
- apply all monitoring techniques stipulated in the monitoring and evaluation plan
- apply work health and safety policies and procedures in all monitoring activities

Knowledge Evidence

The candidate must demonstrate knowledge of:

- how to compare data with objectives and performance criteria
- how to compare actual costs with budgeted costs
- environmental and economic impacts of pests on land management and production processes
- the organisation's pest management plan
- monitoring and evaluation principles and how they work in the pest management plan
- land management and production purposes
- range of pests identified in the pest management plan, their lifecycles, threshold levels and the effects of control methods upon them
- relevant local, regional, State or Territory and national pest management strategies

- Federal, State or Territory legislation and regulations relating to pest management activities
- principles of integrated pest management

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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