



Australian Government

Department of Education, Employment and Workplace Relations

AHCPMG504A Develop a system for monitoring the pest management strategy

Release: 1

AHCPMG504A Develop a system for monitoring the pest management strategy

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the processes involved with developing a system for monitoring the pest management strategy and defines the standard required to: identify parameters to monitor the effectiveness of the strategy; source benchmarks against which to compare performance; develop a monitoring program and procedures for pest management; define the pest management strategy and intended outcomes.
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Application of the Unit

Application of the unit	This unit applies pest control officers and managers for work carried out independently within organisational guidelines.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Research and identify pest strategy monitoring requirements	1.1. Attitudes and management practices of other land users, regional land management bodies and other relevant stakeholders are assessed for relevance and usefulness in the monitoring system. 1.2. Procedures for monitoring and recording economic impacts of pests are developed. 1.3. Procedures for monitoring and recording environmental impacts of pests are developed. 1.4. Procedures for monitoring and recording pest abundance are developed.
2. Document a monitoring program	2.1. Monitoring procedures are documented and accessible to relevant personnel. 2.2. Recording systems are documented and accessible to relevant personnel. 2.3. Monitoring program includes schedule for monitoring activities aligned to milestones in the pest management strategy. 2.4. Reporting procedures are defined.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- research and identify pest strategy monitoring requirements
- document monitoring programs
- analyse problems
- plan strategically
- use literacy skills to fulfil job roles as required by the organisation. The level of skill may range from reading and understanding documentation to completion of written reports
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record complex workplace measures
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

REQUIRED SKILLS AND KNOWLEDGE**Required knowledge**

- land management processes
- production processes
- procedures for monitoring and recording
- pest biology
- relevant legislative and regulatory requirements
- environmental protection legislation
- Occupational Health and Safety (OHS) legislation, codes of practice and enterprise procedures
- weed control statutory requirements.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- identify parameters to monitor the effectiveness of the strategy
- source benchmarks against which to compare performance
- develop a monitoring program and procedures for pest management
- define the pest management strategy and intended outcomes.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Pests to be targeted may include:

- insects
- weeds
- pathogens
- vertebrates
- nematodes
- molluscs.

Pest management strategies may include:

- changing land management or production processes and practices e.g.:
- changing lambing times

RANGE STATEMENT

	• changing sowing times • changing crops • modifying habitat • pasture management and pest population control e.g.: • shooting • poisoning • trapping • mustering • relocation • fumigation • sedation • exclusion fencing • biological controls • harvesting • tagging • weed control including: • chemical • biological control • mechanical removal.
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Unit Sector(s)

Unit sector	Pest management
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Co-requisite units

Co-requisite units	

Competency field

Competency field	
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