



Australian Government

AHCPMG502 Investigate a pest control failure

Release: 1

AHCPMG502 Investigate a pest control failure

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to investigate causes of pest control failure after the implementation of a pest management plan for the control of weeds, vertebrate and/or invertebrate pests.

This unit applies to individuals who are regional pest control officers and managers that take personal responsibility for their own work and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.

No licensing, legislative or certification requirements 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 planning techniques used	1.1 Determine and assess management techniques used in pest management plan 1.2 Assess level of community and stakeholder engagement for development of the pest management plan 1.3 Evaluate the level of commitment gained from stakeholders

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Assess validity of defined pest problem 1.5 Assess stakeholder understanding of pest and damage caused 1.6 Determine and assess suitability of monitoring techniques used
2. Assess treatment failure	2.1 Assess level of pest damage subsequent to treatment according to expectations 2.2 Review pest management records and conduct site inspections to determine pre-treatment and post-treatment infestation 2.3 Review pest management plan to determine expected pest population size post-treatment 2.4 Assess the difference between expected and monitored population levels 2.5 Assess treatments and application techniques used 2.6 Determine if failure was due to defective treatment or pest response to treatment 2.7 Determine if operator skill level contributed to failure when applying pest treatment
3. Evaluate solutions to the failure	3.1 Consolidate and analyse all treatment failures 3.2 Identify alternative treatment solutions to rectify failures 3.3 Determine best treatment solutions to resolve failures 3.4 Review and revise pest management plans and procedures 3.5 Advise stakeholders of changes to pest management plan

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	Organise, evaluate and analyse pest management records, plans and treatment documentation, to inform and verify actions and assess pest control failure

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG502 Investigate a pest control failure	AHCPMG509 Investigate a pest control failure	Minor changes to Application and Performance Criteria for clarity Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>