



Australian Government

AHCPMG301 Control weeds

Release: 3

AHCPMG301 Control weeds

Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0.
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 plan and coordinate weed control activities using appropriate strategies to provide effective, economic control while minimising environmental damage.

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.

State or territory licensing, legislative or certification requirements apply in some jurisdictions.

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 weed infestation	1.1 Identify and record weeds and potential weeds for target area 1.2 Identify the scope, stage and size of the weed infestation impacting

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	on target area 1.3 Assess effect of weed infestation on target area 1.4 Identify tolerable levels of infestation according to workplace requirements 1.5 Investigate approaches to control weed infestation 1.6 Identify non-target plant and animal species present in the area 1.7 Assess the site for suitability of control measures according to health and safety in the workplace and environmental requirements
2. Plan weed control measures	2.1 Determine suitable control options according to workplace requirements and legislative and regulatory requirements 2.2 Identify and assess hazards, risks and controls according to workplace procedures and regulations 2.3 Identify appropriate resources for control options 2.4 Identify, fit and use personal protective equipment in accordance with health and safety in the workplace procedures 2.5 Select and prepare a plan for control measures according to workplace strategy and environmental legislative and regulatory requirements 2.6 Document control measures according to workplace and legislative requirements
3. Implement weed control	3.1 Assess conditions for implementation of control plan and adjust plan according to conditions 3.2 Implement control measures in accordance with workplace pest management plan and industry best practice 3.3 Ensure that control measures minimise effect on non-target species and environmental damage 3.4 Maintain records of the control measure according workplace procedures and regulatory requirements
4. Monitor weed control measures	4.1 Monitor weed control measures and identify adverse impact on non-target entities 4.2 Assess effectiveness of weed control measures in accordance with workplace procedures 4.3 Report results of assessment according to client or workplace procedures

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, regulations, and other documentation and consolidate information to determine control plans and implement control measures
Writing	Accurately complete organisational records, plans and reports using clear language and industry terminology
Numeracy	Perform calculations for volumes, weights and measures for application rates of chemicals and materials
Oral Communication	Effectively participate in verbal exchanges using collaborative and inclusive techniques including active listening and questioning and reading of verbal and non-verbal signals to convey and clarify information
Navigate the world of work	Take responsibility for following explicit and implicit policies, procedures, codes of practice and legislative requirements
Get the work done	- Take responsibility for planning, sequencing and prioritising tasks and workload - Make routine decisions and implements standard procedures for routine tasks, using formal decision making processes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPMG301 Control weeds Release 3	AHCPMG301 Control weeds Release 2	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 AHCPMG301 Control weeds

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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 the individual has demonstrated on at least one occasion that they have controlled weeds, including:

- identified, recorded and assessed weeds and their impact on the target area
- investigated the suitability of weed control approaches and effect on site environment and non-target entities
- planned and coordinate weed control activities
- identified tolerable levels of weed infestation for the target site
- conducted a site hazard, risk assessment and identified controls for weed control
- ensured personal safety by using appropriate personal protective equipment
- selected and applied weed management methods appropriate to the target site
- maintained records of weed management activities
- monitored, recorded and reported the effectiveness of methods
- ensured control measures had minimal effect on non-target species and environment.

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:

- weeds and their tolerable levels and impact on target area, including:
 - economic, aesthetic, health, fire hazard and environmental thresholds of common weeds
 - non-target entities common to the area
 - effect of weed infestation on required plant health and growth
- basic weed biology, including:

- lifecycle and ecology of a range of weeds
- cyclical nature of weeds and control programs
- weed characteristics, morphology and dispersal
- weed management strategies and their selection criteria, including:
 - cultural
 - chemical
 - mechanical
 - biological
 - Integrated Pest Management
- risk factors including human, animal health and environmental associated with control measures
- factors that affect the efficacy of weed management strategies, including:
 - prevailing weather and atmospheric conditions
 - impact of off target damage on non-target entities
 - residues and maximum residue levels
- weed control activities and disturbance to other plant or animal species
- signs of adverse impact of control measures and ways to minimise their effect on non-target entities, including:
 - humans
 - animals
 - non-target plants
 - environment
- site-monitoring techniques that may be used to implement the weed control plan
- hazard and risks assessment and control methodologies
- equipment including personal protective equipment appropriate to control measure
- health and safety in the workplace requirements
- pest management planning and survey strategies
- legislative requirements relevant to weed control.

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 weeds
 - tools and equipment used for weed control program
 - personal protective equipment
- specifications:

- workplace documents including policies, procedures, processes and forms for record keeping
- manufacturers' operating instructions for specific equipment and machinery
- safety data sheets
- workplace instructions and client briefs
- specific regulations and codes of practice
- relationships:
 - clients.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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