



**Australian Government**

# **AHCPCM403 Implement an integrated pest management program**

**Release: 1**

# AHCPCM403 Implement an integrated pest management program

## Modification History

| Release | TP Version | Comment         |
|---------|------------|-----------------|
| 1       | AHCv1.0    | Initial release |

## Application

This unit of competency covers the skills and knowledge required to implement an integrated pest management program.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Plant culture and management (PCM)

## 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. Assess weed, pest and disease infestations | 1.1 Identify symptoms of weed, pest and disease infestation in response to client needs<br>1.2 Define weed, pest and disease relationships and vectors as key factors in program development<br>1.3 Assess size and scope of infestation<br>1.4 Assess business implications and urgency of action according |

| Element                                                                 | Performance criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                         | to published data and enterprise policy<br>1.5 Report conditions likely to impact on business viability                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2. Plan appropriate integrated treatments for weeds, pests and diseases | 2.1 Develop an integrated pest management (IPM) program, ensuring treatments selected include chemical or non-chemical products in line with enterprise practice<br>2.2 Outline integrated application of treatments in planning documentation<br>2.3 Choose treatments which provide a suitable response to infestations, having regard to cost of damage, cost of infestation, marketing requirements, withholding periods and sustainable horticultural practices<br>2.4 Seek professional assistance as required |
| 3. Implement weed, pest and disease control measures                    | 3.1 Ensure control procedures reflect sound implementation of integrated pest management strategy, marketing objectives and business imperatives<br>3.2 Develop and implement monitoring procedures<br>3.3 Instruct and supervise others to carry out work according to the IPM plan<br>3.4 Monitor prevention program and undertake remedial action where necessary<br>3.5 Monitor control procedures and undertake remedial action where necessary                                                                 |

## Foundation Skills

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

## Range of Conditions

## Unit Mapping Information

No equivalent unit.

## 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 AHPCPM403 Implement an integrated pest management program

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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:

- identify symptoms of weed, pest and disease infestation
- develop an integrated pest management (IPM) program
- develop and implement monitoring procedures
- instruct and supervise others to carry out work according to the IPM plan
- oversee the implementation of an IPM pest management plan
- monitor costs of pest management plan to meet budget requirements

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for integrated pest management
- application techniques for chemical and non-chemical treatments
- concept and principles of Integrated Pest Management
- cost/benefit analysis relevant to selection of weed, pest and disease control measures
- crop and plant scouting and monitoring
- ecological impacts of different control treatments
- integration of weed, pest and disease control measures
- lifecycles of hosts, predators and pests and diseases
- sustainable horticultural practices
- weeds and pests of specific horticultural enterprises

## Assessment Conditions

Assessors must satisfy current standards for RTOs.

## Links

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