



Australian Government

**Assessment Requirements for
AHCPCM508 Develop an integrated pest
management program**

Release: 1

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Modification History

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

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 developed an integrated pest management (IPM) program on at least one occasion, and has:

- determined IPM strategy
- applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- determined business and crop economic threshold
- developed and documented an IPM program based on analysis of weed, pest or disease presence
- tracked costs of IPM program against budget requirements
- reported on IPM program activities and control procedures.

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:

- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to developing an IPM program
- principles and practices for developing integrated pest management programs, including:
 - application techniques for chemical and non-chemical treatments
 - concept and principles of IPM
 - cost and 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 workplaces.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - published data, crop and business economic thresholds, workplace marketing objectives, business imperatives and sustainable horticultural practice information relevant to developing an IPM program
 - industry publications and internet sources of information relevant to developing an IPM program
- specifications:
 - workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to developing an IPM program.

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

Links

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