



Australian Government

**Assessment Requirements for
AHCPCM501 Diagnose plant health
problems**

Release: 1

Assessment Requirements for AHPCPM501 Diagnose plant health problems

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- research information about plant health problems, their diagnosis and remedial treatments
- differentiate between pest, disease and nutrient-associated symptoms
- identify signs and symptoms of plant health problems
- assess the severity, extent and speed of onset of health problems in a specific situation
- determine possible causes of the problem
- liaise with specialist services, clients and management
- formulate a weed, pest and disease control program
- implement treatment programs to remedy the diagnosed health problems
- evaluate treatment program and recommend modifications

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of plant health
 - chemical use, toxicity and compatibility with target plants, growth media, and environmental characteristics of the horticultural region
 - chemical, cultural and biological control methods included in the integrated pest management (IPM) strategy of the enterprise
 - enterprise and industry record keeping and reporting policies and requirements
 - evaluation procedures, including cost/benefit analysis, for plant and growth media treatments in relation to plant health, enterprise budget and performance targets
 - plant anatomy, morphology, physiology, histology, pathology, taxonomy and nomenclature
 - plant nutrition issues associated with the growth media used and horticultural region for specific plant species

- sustainable horticultural practices relevant to the enterprise or horticultural region
- taxonomic descriptions, horticultural function, cultural and growth requirements, and target growth and performance characteristics of specific horticultural plants for the achievement of enterprise production and business plans
- weeds, pests and disease detection methods, taxonomic identification, life cycle stages and characteristic symptoms for the specific horticultural plants of the enterprise

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>