



Australian Government

Assessment Requirements for AHCPER320 Manage plant pests, diseases and disorders in a permaculture system

Release: 1

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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:

- identify existing and potential pests, diseases and disorders in the system
- research methods of managing pests, diseases and disorders in a permaculture system
- develop a pest and disease management plan
- implement a pest and disease management plan
- monitor pest and disease managements

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices related to managing plant pests, diseases and disorders
- principles of maintaining healthy permaculture crops, such as:
 - companion planting
 - increasing diversity
 - providing habitat and food for pests' natural predators
 - healthy, balanced soil
 - minimal use of soluble fertilisers
- allowable control methods in organic systems, such as
 - deterrent organic sprays
 - pheromone traps and lures
 - predatory and/or parasitic insects, mites and other organisms as part of biological control
 - nutrient additives
 - crop rotation

- covers and netting
- BT (*Bacillus thuringiensis*) and other action-specific micro-organisms
- symptoms of disease and disorders in plants
- care needed to avoid transferring infections (such as through grafting and pruning practices)
- stages of development of pest organisms and signs of pest presence on plants and animals
- planting for insectivorous birds, lizards, frogs and microbats
- fungal, bacterial and viral infestations and their symptoms
- disease vectors and plants that harbor them
- companion planting
- succession planting

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture. Completion of a Permaculture Design Course (PDC) is not sufficient at this level.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>