



Australian Government

Assessment Requirements for AHCPER221

Recognise characteristics of integrated plant and animal systems

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 9.0.

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, on at least one occasion, recognised the characteristics of the integration of plants and animals in a permaculture system and has:

- obtained and read a permaculture plan
- recognised planned plants and animals and their interactions for a permaculture system
- observed and recorded plants and animal interactions used in a permaculture system, including:
 - named animals and plants by common name
 - identified plants and animals commonly encountered in permaculture system
 - identified plants with useful properties
 - described animals with functions in the system
- monitored and reported discrepancies between planned and actual plant and animal interactions.

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:

- permaculture principles and practices related to integrated plant and animal systems, including:
 - practices that conserve energy and resources
 - protecting water, soil and other resources
 - obtaining a yield
 - preserving heritage or heirloom varieties and biodiversity
 - re-using or adapting materials for other functions
 - making use of vertical space

- creating multiple functions for the same thing
- using nature as the model
- seed-saving
- animals and plants common to permaculture systems in a given region or bioregion, including:
 - common naming conventions
 - usefulness of plants and animals as products of permaculture systems
 - detrimental traits that conflict with permaculture systems
- the role or niche of animals in system and interrelationship with other animals, plants or systems, including:
 - native or wild animals and plants
 - pest and feral plants and animals
 - insects, fish, birds and reptiles, both beneficial and detrimental to permaculture systems
 - principles of integrated plant and animal systems.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated on a permaculture site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment for conducting observations
- specifications:
 - workplace procedures for reporting and records
 - permaculture plan and specifications
- relationships:
 - supervisor.

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>