



**Australian Government**

**Assessment Requirements for AHCPER219  
Plant and maintain crops in a permaculture  
system**

**Release: 1**

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# Assessment Requirements for AHCPER219 Plant and maintain crops in a permaculture system

## 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 planted and maintained at least two (2) crops in a permaculture system and has:

- selected and prepared plant material, tools and equipment
- prepared site for planting
- planted according to permaculture planting plan
- trained and protected plantings, including the use of supports and guards
- maintained soil moisture according to irrigation plan
- applied treatments to planting site.

## 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 planting operations, including:
  - planting in natural groupings or guilds
  - utilising plant partnerships such as vines on corn crops
  - planting mixed species and interplanting with companion species
  - avoiding soil compaction or disturbance
  - utilising chickens to plough and prepare ground for planting
  - avoiding water, seed or weed leakages from the system
- handling residual materials sustainably on the planting site, including:
  - previous crops
  - weeds
  - detritus
- principles of sustainable horticultural practices

- planting techniques
- basic plant nutrition
- soil improvement and nutrient maintenance, including:
  - minerals, including rock dusts
  - organic matter
  - manures, appropriate fertilisers and composts
  - foliar feeds or fertigation
  - vermicompost and worm castings
  - planting of a temporary green manure or cover crop
  - legume plantings or interplantings
  - sheet mulches
- companion planting
- plant growth and development
- methods of waste disposal causing minimal impact on the environment
- safe work practices in the workplace.

## **Assessment Conditions**

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

- physical conditions:
  - skills must be demonstrated in a permaculture garden system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - permaculture tools and equipment
  - personal protective equipment
  - planting materials
  - irrigation/watering system
  - treatments, guards, support systems for training and maintaining plantings
- specifications:
  - workplace safety procedures
  - access to manufacturer operating instructions for tools and equipment
  - access to safety data sheets
  - workplace instructions and planting plans
- 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>