



Australian Government

AHCPER206 Plant and maintain permaculture crops

Release: 1

AHCPER206 Plant and maintain permaculture crops

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plant and maintain plants in a permaculture cropping system under routine supervision and involves a range of planting tasks, including site preparation, the handling and planting of a range of planting materials, and the maintenance of crops in the field.

All work is carried out to comply with workplace procedures.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Permaculture (PER)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to plant permaculture crops	1.1 Confirm instructions about planting with supervisor 1.2 Select and prepare tools and equipment 1.3 Identify plant materials to be planted 1.4 Select, use and maintain personal protective equipment
2. Prepare the site for	2.1 Remove or slash old plants, weeds and other residual materials if

Element	Performance criteria
planting	required 2.2 Apply soil treatments or amendments according to supervisor's instructions 2.3 Implement plant protection 2.4 Follow the permaculture planting plan and mark out the planting pattern
3. Carry out planting operations	3.1 Select appropriate planting material 3.2 Maintain planting material under conditions that ensure maximum viability 3.3 Handle and transport planting material to the site 3.4 Carry out planting according to permaculture planting plan
4. Maintain plants	4.1 Apply treatments to plantings according to the permaculture plan 4.2 Water plantings according to the irrigation schedule 4.3 Train and protect plants according to the permaculture plan

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

New unit - equivalent to QLD842IPA06B.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCPER206 Plant and maintain permaculture crops

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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:

- select plant material, tools and equipment for planting
- prepare site for planting
- plant according to permaculture planting plan or pattern
- support, train, guard or protect plants
- follow plans and schedules
- water plantings
- apply treatments to soil

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices related to planting operations, such as:
 - 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
- principles of sustainable horticultural practices
- planting techniques
- basic plant nutrition
- soil improvement and nutrient maintenance, such as:
 - 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

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture to assess this unit of competency and/or have completed a Permaculture Design Course (PDC) and/or have completed the Permaculture Demonstrator Skill Set.

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