



Australian Government

AHCPER328 Establish organic garden and orchard systems

Release: 1

AHCPER328 Establish organic garden and orchard systems

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Application

This unit of competency describes the skills and knowledge required to apply permaculture principles for establishing organic garden and orchard systems from permaculture plans, including selecting plants for site conditions and requirements to achieve optimum production.

The unit applies to individuals who work under broad direction and take responsibility for their own work, including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources, and complete routine activities.

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

Pre-requisite Unit

Nil

Unit Sector

Permaculture (PER)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Assess site for organic garden and orchard system	1.1 Access and interpret permaculture system plans and specifications for site and client needs 1.2 Inspect site for environmental and physical attributes 1.3 Inspect site and locate existing structures and services 1.4 Identify location of gardens and orchard

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Identify site constraints and opportunities 1.6 Verify site inspections with plans and specifications and identify inconsistencies 1.7 Rectify inconsistencies with key stakeholders and update plans and specifications 1.8 Prepare zone and sector plan of garden and orchard according to verified permaculture system plan
2. Select plants for organic garden and orchard system	2.1 Test soil and analyse results for garden and orchard locations 2.2 Select plant varieties and types according to soil type, permaculture plan and client production needs 2.3 Determine number and size of plant material according to planned garden and orchard outcomes 2.4 Identify and source planting material according to permaculture system plan
3. Develop planting plan for organic garden and orchard system	3.1 Identify zone and sector details from permaculture plan 3.2 Identify and locate plants to be installed on a planting plan 3.3 Document a schedule of planting actions, timelines and specifications according to workplace procedures
4. Prepare site and plant organic garden and orchard system	4.1 Prepare planting materials according to plant type and schedule 4.2 Prepare gardens and orchard site for planting 4.3 Locate and plant species according to planting plan 4.4 Provide planting with nutrition and soil moisture according to permaculture system design and organic plant standards 4.5 Record and report garden and orchard planting system activity according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	- Interpret plans, specifications and other documentation for permaculture system, and extract relevant data - Consolidate information to determine requirements for establishment of a permaculture garden and orchard systems
Numeracy	- Perform calculations on soils sample tests to establish base line conditions - Make calculations appropriate for measuring and estimating materials for gardens and orchard establishment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPER328 Establish organic garden and orchard systems	AHCPER312 Plan organic garden and orchard systems	Change to Title to reflect work activity at AQF 3 Changes to Application, Elements and Performance Criteria to align to establishing gardens and orchards Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity Addition of Foundation Skills	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>