



Australian Government

AHCPER225 Assist with garden soil health and plant nutrition

Release: 1

AHCPER225 Assist with garden soil health and plant nutrition

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 assist with garden soil health and plant nutrition using simple methods and without costly equipment. It requires knowledge of simple soil testing techniques and how to improve soil health and plant nutrition organically.

The 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 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. Undertake simple soil assessment tests	1.1 Collect and prepare soil samples for testing according to instructions 1.2 Determine basic soil characteristics and health using field test techniques 1.3 Observe and assess basic soil conditions from plant growth and health characteristics

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Apply approved organic soil supplements to improve soil	2.1 Identify probable soil improvement needs from tests, and confirm with supervisor 2.2 Apply soil supplements to improve soil condition according to supervisor instructions and permaculture principles 2.3 Use permaculture planting techniques to improve soils and plant nutrition 2.4 Apply mulch to maintain moisture and discourage unwanted growth according to workplace procedures
3. Monitor soil health	3.1 Monitor soil health and moisture according to workplace procedures 3.2 Monitor use of reclaimed water for signs of toxicity according to supervisor instructions 3.3 Conduct observations for signs of problems in plant health 3.4 Conduct basic tests for soil health where signs are found 3.5 Report observations and basic test results to supervisor 3.6 Record soil improvement 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.

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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPER225 Assist with garden soil health and plant nutrition	AHCPER215 Assist with garden soil health and plant nutrition	Minor changes to Application, Elements and Performance Criteria for clarity and to better reflect	Equivalent

		AQF level Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity	
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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