



Australian Government

AHCPER223 Produce new plants for a permaculture garden system

Release: 1

AHCPER223 Produce new plants for a permaculture garden system

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 produce plants for a permaculture garden system using propagation techniques and basic growing methods, including nutrition and potting media, suitable for small scale propagation systems.

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. Prepare to propagate plants	1.1 Identify plants to be reproduced and select propagation method 1.2 Source and acquire suitable plant materials for propagation 1.3 Select, check and prepare materials and resources 1.4 Prepare containers with media according to selected propagation method

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 Implement hygiene practices according to workplace biosecurity procedures 1.6 Identify hazards and implement controls according to workplace health and safety procedures
2. Undertake propagation activities	2.1 Prepare propagation material according to propagation plan 2.2 Place prepared propagation material into growing environment according to selected propagation method 2.3 Label propagated plants according to workplace procedures 2.4 Record propagation activity according to workplace procedures
3. Maintain health of plants during propagation	3.1 Maintain optimal growing environment to ensure successful plant production outcomes 3.2 Monitor health of plants under propagation and implement remedial action where risk is identified 3.3 Check plants under propagation for indicators of success 3.4 Transfer successfully propagated plants into subsequent growing conditions according to propagation method and propagation plan 3.5 Prepare propagated plants for transfer into final growing position according to plant species requirements
4. Maintain garden propagation system year-round	4.1 Implement seasonal biosecurity and hygiene practices for propagation activities according to workplace procedures 4.2 Monitor and maintain mother stock for propagation purposes 4.3 Maintain stocks of resources required for seasonal propagation activities 4.4 Update records of propagation outcomes 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 and consolidate propagation plan to inform propagation plants, methods and treatments required
Writing	Prepare accurate records of propagation plants, their names and propagation activities and treatments

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPER223 Produce new plants for a permaculture garden system	AHCPER214 Propagate plants for a permaculture garden system	Change to title to emphasise difference to commercial nursery propagation Changes to Application for clarity Changes to structure of Elements and Performance Criteria for clarity 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>