



Australian Government

AHCPER318 Plan propagation activities for a permaculture system

Release: 2

AHCPER318 Plan propagation activities for a permaculture system

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to plan propagation activities for a permaculture system. It requires the application of permaculture principles, seasonal propagation opportunities, organic principles and plant growth science.

All work is carried out to comply with workplace procedures.

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Research propagation	1.1 Assess propagation needs according to garden needs or

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requirements for the permaculture system	permaculture design 1.2 Consider opportunities for propagation from local area, such as seed banks, tree or shrub prunings, unusual varieties to be traded or varieties purchased for propagation 1.3 Determine numbers of new plants to be produced for the needs of the system and/or for swapping, selling or community needs
2. Develop the propagation plan	2.1 Prepare a propagation plan according to research undertaken 2.2 Ascertain best methods for species to be propagated and include them in the propagation plan 2.3 Construct a seasonal or monthly timeline or calendar to keep track of propagation requirements 2.4 Maintain the propagation plan as an active document through the seasons
3. Implementing the propagation plan	3.1 Consult the propagation plan when planning monthly activities 3.2 Clear space in the propagating area for the activity to be undertaken 3.3 Set up materials and equipment for propagation work 3.4 Organise propagules and apply pre-treatments if required 3.5 Create new plants in prepared containers or the garden area according to the propagation plan 3.6 Water, fertilise, label, mulch, stake and tie new plants as required
4. Maintaining propagated plants to end use	4.1 Maintain new plants by watering, sheltering and checking for pest or disease attack 4.2 Remove any new plants that have failed to thrive to avoid cross-contamination 4.3 Apply allowable organic treatments to new plants if required 4.4 Harden off new plants in a protected place before planting, selling or swapping
5. Maintain a healthy and orderly propagation area	5.1 Maintain tidiness and orderliness of propagating area 5.2 Store propagating materials, potting media and containers for future use 5.3 Remove any weed or moss growth regularly to ensure basic hygiene of the propagating and hardening off spaces

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
AHCPER318 Plan propagation activities for a permaculture system Release 2	AHCPER318 Plan propagation activities for a permaculture system Release 1	Minor typographical error corrected	Equivalent unit

Links

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