



Australian Government

AHCNSY313 Implement a propagation plan

Release: 1

AHCNSY313 Implement a propagation plan

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to implement a propagation plan, including; preparing for, implementing and completing propagation of plants.

The unit applies to individuals who implement a propagation plan under broad direction, and take responsibility for their own work.

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

Pre-requisite Unit

Nil

Unit Sector

Nursery (NSY)

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 for propagation activities	1.1 Determine work requirements from workplace instructions 1.2 Identify potential hazards and risks, and implement safe working practices to manage risks 1.3 Select required tools, equipment and machinery, and check for safe operation 1.4 Select, fit, use and maintain personal protective equipment applicable to the task

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 Prepare propagation environment to suit species and propagation method 1.6 Implement hygiene and biosecurity practices applicable to plant propagation activities
2. Select seed or vegetative propagation material	2.1 Identify parent plant or seed and select according to health, vigour or desired characteristics 2.2 Select or collect propagation material according to propagation method and species 2.3 Select appropriate conditioning and storage requirements to ensure maximum viability of propagating material 2.4 Undertake treatments as required
3. Prepare propagation components and media	3.1 Select components and prepare propagation media and appropriate container for planting 3.2 Test propagation media according to workplace quality specifications
4. Propagate plants	4.1 Prepare propagation material according to workplace instructions 4.2 Perform propagation techniques and treatments appropriate for plant species 4.3 Handle propagation material to minimise damage or deterioration 4.4 Label units or batches to enable tracking of propagated material 4.5 Place propagated material into suitable environment for propagation cycle 4.6 Provide aftercare to suit growing conditions, plant requirements and propagation techniques
5. Complete propagation operations	5.1 Clean work site using appropriate hygiene requirements 5.2 Remove and dispose of waste according to workplace procedures 5.3 Clean and return tools, equipment and machinery to required location 5.4 Identify and report unserviceable tools, equipment and machinery according to workplace procedures 5.5 Monitor and record propagation activities 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
Reading	<ul style="list-style-type: none">Identify and interpret textual information from a range of sources to identify relevant and key information about plant propagation
Writing	<ul style="list-style-type: none">Use clear language and accurate industry terminology to complete propagation activity records
Oral communication	<ul style="list-style-type: none">Use clear language to report tool, equipment and machinery unserviceability
Numeracy skills	<ul style="list-style-type: none">Calculate propagation media ratios, proportions and quantity

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNSY313 Implement a propagation plan	AHCNSY306 Implement a propagation plan	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	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>