



Australian Government

AHCNSY306 Implement a propagation plan

Release: 1

AHCNSY306 Implement a propagation plan

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement a propagation plan for a range of plants using a range of different propagation methods.

It applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

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

Nursery (NSY)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for propagation activities	1.1 Interpret workplace instructions and organise tasks to achieve daily work routine within time constraints 1.2 Select and prepare appropriate tools, equipment and machinery 1.3 Identify work health and safety hazards, assess risks, implement control measures and report to the supervisor 1.4 Select, use and maintain appropriate personal protective equipment (PPE) 1.5 Prepare growing environment to suit species and propagation method

Element	Performance criteria
	1.6 Implement hygiene practices
2. Select propagation material	2.1 Identify parent plant and select according to health, vigour and desired characteristics 2.2 Select and collect propagation material according to the propagation method and species 2.3 Select appropriate conditioning and storage requirements to ensure maximum viability of propagating material
3. Prepare propagating media	3.1 Select media components for propagation mix 3.2 Test propagation media to ensure the product complies with media specifications 3.3 Determine storage requirements for the unused propagation media
4. Propagate plants	4.1 Prepare propagation material safely ensuring risks associated with airborne hazards are reduced 4.2 Perform propagation techniques appropriate for the plant species 4.3 Handle plants to minimise damage 4.4 Provide aftercare to suit the media conditions, plant requirements and propagation techniques employed
5. Complete propagation operations	5.1 Clean work site using appropriate hygiene requirements 5.2 Collect waste and dispose of or recycle to minimise damage to the environment 5.3 Complete and maintain records

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCNSY306A Implement a propagation plan.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCNSY306 Implement a propagation plan

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- prepare the growing environment to suit species and propagation method
- recognise and rectify problems and anomalies with parent plants, propagation material, propagation media, equipment and materials
- select appropriate propagation material
- handle potting mixes and propagation materials in a safe manner
- apply propagation techniques as appropriate to plants being propagated
- Provide aftercare to suit media conditions, plant requirements and propagation techniques

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the principles and practices for implementing a propagation plan
 - aftercare requirements for a range of propagated plants
 - problems that may occur performing propagation activities and preventative action
 - enterprise hygiene standards required for propagation activities
 - preferred types of propagation media for different species
 - propagation techniques required for a range of plants
 - quality specifications for parent plants and propagation materials
 - testing methods applied to propagation media

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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