



Australian Government

AHCNSY404 Plan a propagation program

Release: 1

AHCNSY404 Plan a propagation program

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 plan a propagation program and monitor the implementation of the program.

The unit applies to individuals who apply specialist skills and knowledge to planning a propagation program. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

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. Carry out preliminary planning activities for a plant propagation program	1.1 Determine production requirements 1.2 Determine propagation techniques, taking into account the species, cultivar and horticultural practice 1.3 Determine environmental parameters and space requirements that

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	impact on propagation program 1.4 Identify hazards and assess risks in the workplace, and control measures to manage risks according to workplace health and safety procedures
2. Develop the propagation plan and schedule	2.1 Identify propagation program activities 2.2 Identify seed and vegetative propagation material, tools and equipment requirements 2.3 Identify labour and workflow requirements 2.4 Identify and select environmental parameters, taking into account the type of plant and propagation method used 2.5 Determine propagation media requirements, taking into consideration the propagation method and needs of the plant 2.6 Determine container requirement to meet need 2.7 Determine selection criteria for propagation material 2.8 Identify propagation program hygiene practices 2.9 Determine propagation program budget 2.10 Document the propagation plan entering all information identified during development 2.11 Document the propagation program schedule
3. Communicate, coordinate, and monitor propagation plan	3.1 Communicate propagation plan and schedule of activities to staff 3.2 Coordinate activities according to program schedule and propagation plan 3.3 Monitor the health and condition of the plants to ensure they are performing according to propagation plan 3.4 Modify program schedule activities to achieve propagation plan requirements 3.5 Assess propagated plants for health, quality and viability

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	Identify and interpret information regarding requirements for propagation program and plan
Oral communication	- Initiate discussions with client or management, using clear language to discuss production requirements, budget and propagation plan - Use clear communications with staff to communicate propagation plan and schedule of activities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNSY404 Plan a propagation program	AHCNSY402 Plan a propagation program	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>