



Australian Government

Assessment Requirements for AHCNSY404

Plan a propagation program

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has planned a propagation program on at least one occasion, and has:

- researched information about propagation requirements and plant end use
- identified and assessed factors that could impact the propagation program
- applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- developed and documented a propagation plan and schedule that identifies plants, labour, materials, costs, propagation media requirements and environmental conditions
- identified hygiene requirements for propagation activities
- communicated plans and schedules to staff
- overseen and monitored the propagation program.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a propagation program
- principles and practices of propagation program planning, including:
 - workplace quality standards for parent plants and other propagation materials
 - common propagation activity problems and preventative actions
 - techniques to minimise deterioration during preparation of propagules
 - types of propagation environments required to meet plan requirements
 - propagation program hygiene practices
 - identification of techniques to meet propagation requirements
 - Plant Breeder's Rights (PBR) and common licensing arrangements

- preferred types of propagation media for different species and cultivars
- quality specifications of propagation media
- processes and techniques for preparing, costing and documenting plans and scheduling propagation activities
- application techniques for chemical and non-chemical intervention or treatments
- aftercare requirements applicable to propagated plant species and cultivars.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - production plans
 - industry publications, internet and in house sources of information relevant to the planning of a propagation program
- specifications:
 - workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a propagation program
 - PBR and common licensing arrangements
- relationships:
 - management and staff
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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