Modification history

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

AHCNSY403	Plan a growing-on program
Application	This unit of competency describes the skills and knowledge required to plan a growing-on program and monitor the implementation of the program. The unit applies to individuals who apply specialist skills and knowledge to planning a growing-on 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.
Prerequisite Unit	Nil
Unit Sector	Nursery (NSY)

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify issues affecting the growing-on program	1.1 Determine production requirements to meet client specifications 1.2 Identify factors that could limit the production of nursery plants 1.3 Identify hazards and assess risks in the workplace, and implement control measures to manage risks according to workplace health and safety procedures
2. Develop the growing-on plan	2.1 Identify growing-on program activities 2.2 Identify plants, material, tools and equipment requirements 2.3 Identify labour and workflow requirements 2.4 Identify and select environmental parameters to meet plant needs 2.5 Determine growing media requirements 2.6 Determine container requirement to meet market or end use 2.7 Determine plant spacing and production capacity requirements 2.8 Identify treatments required for the growing-on program 2.9 Determine sustainability and biosecurity practices 2.10 Determine growing-on program hygiene practices 2.11 Determine growing-on program budget
3. Document and communicate the growing-on plan and schedule	3.1 Document the growing-on plan, including all information identified in the development stage 3.2 Document the growing-on program schedule 3.3 Communicate the growing-on plan and schedule of activities to staff
4. Oversee and monitor the growing-on plan	4.1 Coordinate activities according to program schedule and growing-on plan 4.2 Monitor the health and condition of the plants to ensure they are performing according to growing-on plan 4.3 Modify program schedule activities to achieve growing-on plan requirements 4.4 Confirm plants meet client specifications

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 growing-on plan and schedule of activities
Oral communication	• Initiate discussions with client or management, using clear language to discuss production requirements, budget and growing-on plan • Use clear communications with staff to communicate growing-on plan and schedule of activities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNSY403 Plan a growing-on program	AHCNSY401 Plan a growing-on program	Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

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

TITLE	Assessment requirements for AHCNSY403 Plan a growing-on program

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 growing-on program on at least one occasion, and has:

- researched information about production requirements, growth conditions and marketing requirements of a growing-on program
- identified and assessed factors that could impact the growing-on program
- applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- developed and documented growing-on program and schedule that identifies plants, labour, materials, costs and activities requirements
- identified hygiene requirements for growing-on activities
- communicated plans and schedules to staff
- overseen and monitored the growing-on 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:

- principles and practices of planning a growing-on program, including:
    - application techniques for chemical and non-chemical intervention or treatments
    - integrated pest management
    - common growing-on activity problems and preventative actions
    - workplace hygiene standards required for growing-on activities
    - workplace quality standards of nursery plant production
    - optimal growing requirements of nursery plants
    - preferred types of growing media for different plant species and growth stages
    - processes and techniques for preparing, costing and documenting plans, and scheduling growing-on activities
    - quality specifications of growing media
- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a growing-on program.

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 growing-on program
- specifications:
    - workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a growing-on program
- 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.

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