



Australian Government

FBPVIT2007 Tend containerised nursery plants

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to tend containerised nursery plants.

The unit applies to individuals in wine grape nurseries who complete nursery activities such as treating plants and maintaining nursery facilities.

All work must be carried out to comply with workplace procedures according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Viticulture (VIT)

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. Maintain nursery facilities	1.1 Confirm job requirements 1.2 Identify potential health and safety hazards and controls according to workplace procedures 1.3 Select, fit and use personal protective equipment according to the job requirements 1.4 Undertake work according to safety data sheets and workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	environmental procedures 1.5 Maintain irrigation system according to workplace procedures 1.6 Check temperature controls according to workplace procedures
2. Treat plants to maintain growth	2.1 Select and prepare materials, equipment and tools according to job requirements 2.2 Select, mix and apply chemical treatments according to workplace procedures 2.3 Apply irrigation according to workplace procedures 2.4 Recognise and report non-conformances according to workplace procedures
3. Carry out post-treatment operations	3.1 Collect and dispose of waste according to workplace procedures 3.2 Shut down, clean and store equipment according to workplace procedures 3.3 Clean and sanitise facilities according to workplace procedures 3.4 Record workplace information 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	Comprehend information from a variety of workplace documents
Numeracy	Calculate numerical information relating to preparing treatments and environmental conditions
Navigate the world of work	Apply workplace procedures and legislative responsibilities to own role
Get the work done	- Respond to routine problems by referring to workplace procedures - Plan and organise tasks to achieve job requirements

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT2007 Tend containerised nursery plants	FDFWGG2007A Tend containerised nursery plants	Updated to meet Standards for Training Packages Code changed to reflect industry sector Minor changes to Performance Criteria for clarity	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPVIT2007 Tend containerised nursery plants

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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 tended to containerised nursery plants by treating plants to maintain growth and maintaining nursery facilities and demonstrating the following on at least one occasion:

- using personal protective equipment (PPE)
- identifying and following safety data sheets and health and safety in the workplace procedures
- sanitising equipment and following hygiene procedures
- selecting, mixing and applying chemical treatments according to workplace procedures
- monitoring irrigation system
- irrigating and monitoring plants according to workplace procedures
- identifying and reporting non-conformances
- maintaining workplace records.

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:

- health and safety hazards and controls in the workplace
- purpose and application of PPE
- principles and operations of irrigation systems used in tending plants in nurseries
- maintaining irrigation system:
 - fixing blockages, leaking heads and hoses
 - servicing irrigation system components
 - identifying and reporting non-compliances
- recognising underperformance of the irrigation system, including:
 - dry spots

- water dumping
- abnormal water flow
- principles and practices of tending nursery plants:
 - weed control
 - removing dead or diseased plant materials
- workplace procedures for operating equipment:
 - calibrating and adjusting equipment
 - carrying out pre-operational checks
 - applying particular settings
 - shut down procedures
- environmental issues and controls including waste disposal
- workplace procedures for reporting non-conformances
- procedures for maintaining workplace records.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a plant nursery workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - irrigation and maintenance equipment, services and corresponding information
 - products and materials
 - cleaning materials and equipment
 - system for recording information
- specifications:
 - workplace procedures, including advice on company practices, safe work practices, quality and environmental requirements
 - work instructions and schedules.

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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