



Australian Government

FBPVIT2012 Identify and treat nursery plant disorders

Release: 1

FBPVIT2012 Identify and treat nursery plant disorders

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 recognise common nursery plant disorders, monitor and record the severity of the disorder, and apply a range of treatments.

The unit applies to individuals who are required to follow workplace procedures in completing tasks to identify and treat nursery plant disorders.

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>

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1. Identify and prepare to treat plant disorders	1.1 Confirm job requirements 1.2 Confirm environmental guidelines and identify potential health and safety hazards and controls according to workplace procedures 1.3 Select, fit and use appropriate personal protective equipment according to workplace procedures 1.4 Collect and check equipment for serviceability according to workplace procedures 1.5 Identify, record and report details of disorder according to workplace procedures 1.6 Select treatment method according to workplace procedures 1.7 Ensure materials are ready to meet job requirements
2. Treat disorders	2.1 Undertake work in accordance with relevant safety data sheets and workplace environmental guidelines 2.2 Prepare treatments according to workplace procedures 2.3 Prepare equipment according to workplace procedures 2.4 Apply treatments according to workplace procedures 2.5 Identify and address non-conformances
3. Carry out post-treatment operations	3.1 Collect and dispose of waste according to workplace procedures and environmental regulations 3.2 Shut down, clean and store equipment according to workplace procedures 3.3 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
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Reading	Comprehend information from a variety of workplace documents accurately
Oral Communication	Converse clearly using industry-specific language
Numeracy	Calculate numerical information relating to estimating, measuring and mixing materials for vine treatment
Navigate the world of work	- Apply workplace procedures to own role and responsibilities - Follow clear instructions within defined level of responsibility
Get the work done	Respond to routine problems using step-by-step instructions and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT2012 Identify and treat nursery plant disorders	FDFWGG2012A Identify and treat nursery plant disorders	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 FBPVIT2012 Identify and treat nursery plant disorders

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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 identified and treated at least two different plant disorders including:

- complying with health and safety and environmental policies and procedures
- selected and fitted personal protective equipment (PPE)
- reading and interpreting safety data sheets (SDS)
- following other specified health and safety procedures, including safe handling of chemicals
- identifying common plant disorders and implementing corrective actions
- selecting, mixing and applying treatments according to instructions
- taking corrective action in response to non-conformances
- conducting work according to environmental and health and safety requirements
- disposing of waste according to environmental policies and workplace procedures
- recording treatments according to workplace requirements.

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
- safe preparation and handling of chemicals
- correct workplace procedures for equipment used to treat disorders:
 - safe and effective handling of equipment
 - preparing equipment
 - calibrating equipment
 - cleaning equipment

- applying particular settings
- health and safety in the workplace and environmental regulations affecting the use of chemicals for treating disorders:
 - environmental issues and controls
 - using appropriate cleaning techniques
 - identifying, rectifying and reporting environmental non-compliance
- characteristics of common vine disorders:
 - common plant disorders occurring in vine nurseries
 - life cycles of common vine disorders
- different types of control measures and their uses, including integrated pest management
- implementing appropriate control measures
- procedures for preparing treatments:
 - setting up application equipment
 - measuring treatment rates
 - mixing treatments to ensure homogenous mix
 - interpreting treatment label information
 - interpreting SDS information
- procedures and responsibilities for reporting problems and anomalies
- reporting and recording requirements and procedures
- principles of nursery hygiene
- cleaning requirements and procedures for work area and equipment
- waste disposal requirements and procedures.

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 used for treating vine disorders
 - equipment, services and corresponding information
 - products and materials to be treated
 - equipment cleaning procedures and materials
 - documentation and recording requirements and procedures
- specifications:
 - work procedures, including advice on company practices, safe work practices, quality and environmental requirements
 - legislative and local quarantine regulations and codes of practice
 - 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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