



Australian Government

FBPVIT2014 Perform pest control activities

Release: 1

FBPVIT2014 Perform pest control activities

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 carry out pest control activities for weeds, vertebrate and invertebrate pests in wine operations.

The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.

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.

Use of chemical treatments may be controlled in some regions and advice should be sought from regulators in the relevant state or territory. Individuals performing shooting activities will require a gun licence under state and territory legislation.

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. Prepare for pest control activities	1.1 Confirm work instructions, relevant regulations and identify potential health and safety hazards and controls according to workplace procedures 1.2 Select and fit personal protective equipment according to job requirements 1.3 Check and calibrate equipment according to job requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Identify pests and treatments	2.1 Identify weeds, vertebrates and invertebrates pests found in the wine operations environment 2.2 Record and report details of pests according to workplace procedures 2.3 Select treatment method according to workplace procedures 2.4 Ensure materials are ready to meet job requirements
3. Carry out pest control activities	3.1 Undertake work in accordance with relevant safety data sheets and workplace environmental guidelines 3.2 Prepare control treatments safely according to workplace procedures 3.3 Prepare equipment according to workplace procedures 3.4 Apply control treatments according to workplace procedures 3.5 Monitor treatment and equipment to ensure operation is within specification 3.6 Identify and address non-conformances according to workplace procedures
4. Complete pest control activities	4.1 Shut down, clean and store equipment according to workplace procedures 4.2 Collect and store unused treatment material according to workplace procedures 4.3 Collect and dispose of waste according to workplace environmental procedures and regulations 4.4 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	Interpret information from a variety of workplace documents

Skill	Description
Writing	Document pest control activities in required format
Numeracy	Calculate numerical information relating to estimating, measuring and mixing materials
Navigate the world of work	- Follow clear instructions within defined level of responsibility - Apply workplace procedures
Get the work done	Respond to routine problems by referring to workplace procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT2014 Perform pest control activities	FDFWGG2019A Perform vertebrate pest control activities	Updated to meet Standards for Training Packages Code changed to reflect industry sector Title changed as unit covers broad range of pests Minor changes to Performance Criteria for clarity	No 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 FBPVIT2014 Perform pest control activities

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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 pests and treatments in a wine operations environment and performed at least two types of pest control including:

- complying with health and safety and environmental procedures, including:
 - using personal protective equipment (PPE)
 - reading and interpreting safety data sheets (SDS)
 - safe handling of chemicals
- identifying common weeds, vertebrate and invertebrate pests
- selecting and implementing control activities
- selecting, preparing and applying treatments according to workplace procedures
- recording treatments according to workplace procedures.

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 and effective handling of equipment
 - safe preparation and handling of chemicals
- operating procedures for pest control equipment:
 - preparing, calibrating and cleaning equipment
- environmental regulations and workplace procedures for using chemicals for pest control:
 - environmental issues and controls
 - cleaning techniques
 - identifying and reporting environmental non-conformance

- characteristics of common pests found in wine operations environments:
 - weeds
 - vertebrate
 - invertebrate
 - common environments
 - location by regions
 - life cycle of pests
- common control treatments:
 - weeding
 - ripping
 - gassing
 - baiting
 - poisoning
 - shooting
 - bird-scaring activities
 - traps
 - guards
 - fencing
- procedures for preparing treatments:
 - setting up application equipment
 - interpreting treatment label information
 - interpreting SDS information
 - measuring and mixing treatments
- equipment used for pest control:
 - weed treatment applicators
 - rippers
 - fencing gear
 - scaring devices
 - baits
 - guns
 - traps
- procedures for reporting non-conformances
- legislation, regulations and codes of practice related to wine operations pest control methods.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- a vineyard workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE required for pest control activities
 - equipment, services and corresponding information
 - weeds, vertebrate and invertebrate pests to be treated
 - equipment cleaning and storage procedures and materials
 - system for recording information
- specifications:
 - work procedures, including advice on company practices, safe work practices, regulations and environmental requirements
 - legislative and local pest control regulations and codes of practice.

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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