



**Australian Government**

# **FBPVIT3002 Maintain field nursery**

**Release: 1**

## FBPVIT3002 Maintain field nursery

### 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 plant, maintain and process field nursery vines.

The unit applies to individuals who carry out workplace procedures in completing tasks associated with maintaining a field nursery.

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 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. Prepare for field nursery planting            | 1.1 Confirm job requirements<br>1.2 Confirm environmental guidelines and identify potential health and safety hazards and controls according to workplace procedures<br>1.3 Select, fit and use personal protective equipment according to job requirements<br>1.4 Prepare field nursery bed for planting according to 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>                                                                                                                                                                                                                                  |
|                                                  | procedures<br>1.5 Prepare equipment and materials according to workplace procedures                                                                                                                                                                                                                                                     |
| 2. Perform field nursery activities              | 2.1 Plant field nursery according to workplace procedures<br>2.2 Apply vine protection methods according to workplace procedures<br>2.3 Carry out field nursery activities according to workplace procedures<br>2.4 Monitor young vine growth and health according to workplace procedures<br>2.5 Identify and address non-conformances |
| 3. Process field nursery rootlings for removal   | 3.1 Undercut and lift vine rootlings according to workplace procedures<br>3.2 Prepare rootlings for transport according to workplace procedures<br>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                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading                    | <ul style="list-style-type: none"> <li>Comprehend information from a variety of workplace documents</li> </ul>                                                                  |
| Writing                    | <ul style="list-style-type: none"> <li>Produce workplace documents in required format</li> </ul>                                                                                |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Apply workplace procedures and legislative responsibilities relevant to own role</li> </ul>                                              |
| Interact with others       | <ul style="list-style-type: none"> <li>Use required communication mode to report operational information to relevant personnel</li> </ul>                                       |
| Get the work done          | <ul style="list-style-type: none"> <li>Respond to routine problems by referring to workplace procedures</li> <li>Plan and organise tasks to achieve job requirements</li> </ul> |

## Unit Mapping Information

| Code and title<br>current version       | Code and title<br>previous version                 | Comments                                                                                                                                                                            | Equivalence status |
|-----------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FBPVIT3002<br>Maintain field<br>nursery | FDFWGG3005A<br>Perform field<br>nursery activities | Updated to meet<br>Standards for Training<br>Packages<br><br>Code and title changed<br>to reflect industry<br>sector<br><br>Minor changes to<br>Performance Criteria<br>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 FBPVIT3002 Maintain field nursery

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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 effectively undertaken activities to maintain a field nursery at least once including planting, maintaining and processing field nursery vines and:

- following health and safety in the workplace procedures
- selecting and fitting personal protective equipment (PPE)
- planting in field nursery according to workplace procedures
- following vine protection procedures
- preparing for, implementing and monitoring nursery activities
- preparing vine rootlings for transport
- monitoring the health of rootlings
- Identify and addressing non-conformances.

## 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
- PPE
- preparation of field nursery bed for planting:
  - treatment of weeds
  - soil cultivation and nutrition
  - planning vine planting
  - application of weed matting
  - herbicide and fertiliser treatments
  - positioning irrigation pipes and points
- methods of planting in field nursery

- selection and application of vine protection methods, including:
  - weather conditions
  - vineyard pests
  - orientation of vineyard
  - irrigation or fertilisation schedule
- maintenance of health of growing vines
- common causes and signs of growth disorders and corrective action required:
  - soil moisture
  - signs of disease and pests and nutrient deficiency
  - water stress
  - growth rate
- procedures for lifting vine rootlings from the nursery bed:
  - ensuring minimal plant damage
  - roots undercut
- procedures for transporting rootlings:
  - trimming
  - counting and bundling
  - labelling, grading and packing
- procedures for taking corrective action in response to out-of-specification growth or appearance
- procedures and responsibility for reporting problems
- environmental issues and controls
- reporting and recording requirements.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - a field plant nursery workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - PPE
  - field nursery equipment
  - products and materials required for field nursery work
  - a system for recording information
- specifications:
  - work procedures, including advice on company practices, safe work practices 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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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>