



**Australian Government**

# **FBPVIT2002 Carry out potting operations**

**Release: 1**

# FBPVIT2002 Carry out potting operations

## 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 potting operations in wine grape nurseries.

The unit applies to individuals who work in wine grape nurseries and are required to follow workplace procedures in completing tasks.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, and food 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. Prepare for potting operations                | 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 relevant 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>                                                                                                                                                                                                                        |
|                                                  | 1.4 Ensure potting materials are available<br>1.5 Blend potting media to ensure consistency<br>1.6 Clean and treat pots and work areas to minimise risk of pest and pathogen contamination<br>1.7 Prepare grafted cuttings ready for potting<br>1.8 Check, maintain and set equipment according to workplace procedures       |
| 2. Pot propagated material                       | 2.1 Identify and collect callused cuttings requiring potting<br>2.2 Place soil in pots according to job requirements<br>2.3 Plant cuttings according to job requirements<br>2.4 Label potted cuttings according to workplace procedures                                                                                       |
| 3. Carry out post-potting treatments             | 3.1 Transfer potted cuttings to growing environment according to workplace procedures<br>3.2 Hydrate potted cuttings according to workplace procedures<br>3.3 Prepare and apply treatments according to health and safety in the workplace requirements<br>3.4 Collect and dispose of waste according to workplace procedures |
| 4. Complete potting operations                   | 4.1 Identify and report non-conformances<br>4.2 Clean, maintain and store equipment according to workplace procedures<br>4.3 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 accurately</li> </ul> |

| Skill                      | Description                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Numeracy                   | <ul style="list-style-type: none"><li>Calculate numerical information relating to volume of material requirements</li></ul> |
| Navigate the world of work | <ul style="list-style-type: none"><li>Apply workplace procedures to own role and responsibilities</li></ul>                 |
| Get the work done          | <ul style="list-style-type: none"><li>Respond to routine problems by referring to workplace procedures</li></ul>            |

## Unit Mapping Information

| Code and title current version             | Code and title previous version             | Comments                                                                                                                                                             | Equivalence status |
|--------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FBPVIT2002<br>Carry out potting operations | FDFWGG2002A<br>Carry out potting operations | Updated to meet Standards for Training Packages<br><br>Code changed to reflect industry sector<br><br>Minor changes to Elements and 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 FBPVIT2002 Carry out potting operations

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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 carried out at least two potting operations involving potting propagated material and post-potting treatment including:

- using personal protective equipment (PPE), safety data sheets (SDS) and following health and safety requirements in the workplace
- ensuring materials are available and ready for potting process
- selecting and mixing potting media and treatments according to workplace procedures
- cleaning pots and work surfaces according to workplace procedures
- preparing cuttings before potting including waxing or grading methods
- potting cuttings and labelling trays according to workplace procedures
- transferring potted cuttings to a growing environment
- maintaining hydration requirements
- disposing of waste according to workplace procedures
- completing records 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, including:
  - purpose and application of PPE
  - SDS
  - operating equipment according to workplace procedures
  - safe handling and preparation of equipment, potting media and chemicals
- process for preparing cuttings for potting, including:
  - grading
  - waxing

- dipping in hormones
- hydrating
- potting process and standards of potting, including:
  - resources and materials used for the potting process
  - selecting, operating, maintaining and storing equipment according to workplace procedures
  - planting cuttings, according to workplace procedures
  - labelling trays according to workplace procedures
  - watering potted cuttings
- process of transferring and placing potted cuttings to growing environment
- report and address non-conformances according to workplace procedures
- principles of nursery hygiene, including:
  - cleaning requirements and techniques for work area and equipment
- maintenance of work area and equipment according to workplace procedures including:
  - report and address environmental non-compliance
  - waste disposal requirements and procedures
- processes for reporting, recording and maintaining workplace records.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - nursery shed or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - personal protective equipment
  - equipment, services and corresponding information
  - potting products and materials
  - cleaning procedures, materials and equipment
  - 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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