



Australian Government

Assessment Requirements for FBPVIT3006 Field graft vines

Release: 2

Assessment Requirements for FBPVIT3006 Field graft vines

Modification History

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

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 safely and effectively grafted vines in the field on at least two separate occasions including:

- selecting and preparing vine material for grafting, including disbudding
- using and fitting personal protective equipment (PPE)
- carrying out grafting of vines in the field according to workplace procedures
- conducting post-grafting treatment and packing of vines
- monitoring grafted vines, identifying and reporting non-compliances
- disposing of waste according to environmental workplace procedures
- recording and reporting results of grafting 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:

- purpose of grafting
- various methods of budding and grafting
- criteria for successful grafting
- criteria for selecting parent vines for scion material:
 - variety and clone
 - matching cambium
 - matching bevels and sizes
 - viable buds
 - achievement of tight unions
- preparing vine material for grafting:
 - soaking buds
 - working appropriate incisions

- hot water treatment of cuttings
- virus tests
- compatibility tests
- hydration of cuttings
- cutting to size
- grafting vines in the field:
 - bud location to graft
 - cohesion of graft union
- vine treatments after grafting:
 - securing with tape
 - painting
- waxing
- storing unused grafting material
- correct procedure and optimum conditions for the storage and handling of vine material until required for grafting
- advantages of using clonal and registered vine improvement material
- importance of selection and use of rootstock
- stages of the grafting procedure and their purpose
- procedures for monitoring the process and equipment operation to identify out-of-specification results or non-compliance:
 - percentage take
 - weather conditions
 - pests and diseases
 - common problems and corrective action required
- purpose, components and operation of grafting equipment:
 - routine maintenance procedures for equipment
- methods of callusing vine cuttings and the criteria for best callus development
- procedures and responsibilities for reporting problems
- work health and safety (WHS) hazards and controls:
 - selecting, fitting and using appropriate personal protective clothing and equipment
- environmental issues and controls
- cleaning requirements for work area and equipment
- recording requirements and procedures.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a grape growing workplace or an environment that accurately represents workplace conditions

- resources, equipment and materials:
 - PPE
 - field grafting equipment and services
 - grape vines
 - cleaning procedures, materials and equipment
 - system for recording information
- specifications:
 - workplace 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.

Links

Companion Volume Implementation Guides are found in VETNet: -

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