



Australian Government

Assessment Requirements for FBPVIT2005 Maintain callusing environment

Release: 1

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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 prepared cuttings for callusing and maintained the callusing environment on at least two separate occasions including:

- identifying health and safety hazards and controls in the workplace
- selecting, fitting and using personal protective equipment (PPE)
- observing hygiene and housekeeping standards including cleaning and sanitising of work area, equipment and boxes
- preparing callusing media and boxes to specification
- preparing cuttings and applying pre-callusing treatment
- placing cuttings into callusing boxes
- monitoring and maintaining callusing environment to specification
- monitoring cuttings for correct callusing and reporting problems according to procedures
- applying post-callusing treatments
- removing callused cuttings
- recording appropriate information.

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 of PPE
 - correct operating procedures for equipment
 - safe and effective handling of equipment
 - safe preparation and handling of chemicals
- cleaning requirements and procedures for work area and equipment
- principles of nursery hygiene

- environmental considerations and required controls
- waste disposal requirements and procedures
- correct procedures for preparing cuttings for callusing
- correct procedures for placing cuttings into boxes
- effects of variety, clone and source of cuttings on the placement and labelling of cuttings in boxes
- purpose and benefit of carrying out pre- and post-callusing treatments
- procedures used to carry out pre- and post-callusing treatments
- procedures for preparing pre-mixed callusing media
- factors in a controlled callusing environment that affect the vine cutting:
 - methods of pasteurising and treating callusing media
 - temperature
 - relative humidity
 - moisture levels of growing medium
- methods for setting, monitoring and maintaining the required temperature and relative humidity
- correct procedures for preparing callusing boxes
- quality control process in the callusing environment
- common problems that occur during callusing and how to resolve them
- procedures and responsibilities for reporting problems and anomalies
- procedures for maintaining workplace records
- procedures for selecting, operating, maintaining and storing the required equipment
- correct procedures for removing and transferring callused cuttings.

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
 - equipment, services and corresponding information relevant to callusing
 - products and materials for callusing
 - cleaning procedures, materials and equipment
 - documentation, recording requirements and procedures
- specifications:
 - work procedures, including advice on company practices, safe work practices, quality 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>