



Australian Government

Assessment Requirements for FBPVIT2013

Recognise disorders and identify pests and diseases

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 identified, assessed and reported symptoms of vine pests, diseases and disorders for at least two different vines including:

- selecting, fitting and using personal protective equipment (PPE)
- recognising symptoms of vine pests, diseases and disorders
- determining the cause of symptoms
- assessing the location and extent of spread
- determining the severity of pests, diseases and vine disorders
- recording and reporting findings 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:

- principles of workplace's integrated pest management program and importance of identifying vine disorders, pests and diseases
- responsibilities for health and safety in the workplace including:
 - health and safety hazards associated with treatment of disorders, pests and diseases
 - methods for controlling risks associated with health and safety hazards
- responsibilities for identifying and controlling environmental issues
- PPE
- vine physiology, as it applies to:
 - water intake
 - nutrient uptake
 - photosynthesis
 - transpiration, respiration and translocation

- parts of the root, trunk, shoot and fruit systems of the grapevine and their role in how the vine works:
 - buds, nodes and tendrils
 - cambium, epidermis, phloem and xylem
 - leaf blade, bract and petiole
 - bunch, berries and flowers
- annual growth stages of grapevines:
 - budburst
 - flowering
 - veraison
 - maturity
- vine types, characteristics and uses including:
 - family, genus and species names and categories
 - *Vitis vinifera* and commercial varieties
 - native species and hybrids (e.g. *V. labrusca*)
 - root stocks and scion stock
- key grape varieties and distinguishing features, including berry and bunch characteristics:
 - frost and disease resistance
 - flavour and style
- signs and symptoms of common vine disorders, pests and diseases including:
 - light brown apple moth
 - powdery mildew
 - downy mildew
 - botrytis
 - mites
 - fruit fly
- reporting responsibilities and procedures.

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:
 - equipment and materials for monitoring and controlling pests, diseases and disorders
 - system for recording and reporting information
- specifications:
 - workplace procedures for reporting pests, diseases and disorders
 - legislative and local quarantine 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.

Links

Companion Volume Implementation Guides are found in VETNet: -

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