



Australian Government

Department of Education, Employment and Workplace Relations

FDFWGG2025A Plant vines by hand

Release: 2

FDFWGG2025A Plant vines by hand

Modification History

This unit supersedes and is equivalent to FDFWGGPVHB Plant vines by hand.
April 2012: Minor typographical corrections.

Unit Descriptor

Unit descriptor	This specialist unit has been developed for the wine grape growing stream of the wine sector. It covers the skills and knowledge required to hand plant vines.
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Application of the Unit

Application of the unit	This unit applies to the planting of grapevines that are to be used in winemaking. The unit covers planting of cuttings and rootlings. Planting is done to specifications and a variety of planting equipment and methods may be required.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plant vines	1.1 Equipment is started up according to workplace procedures as required 1.2 Equipment performance is monitored to confirm performance is maintained within specification as required 1.3 Equipment is maintained in good working order 1.4 Vines are planted in according to instructions 1.5 Problems and anomalies are recognised, rectified and/or reported
2. Complete planting operations	2.1 Equipment is shut down according to workplace procedures as required 2.2 Equipment is cleaned and stored according to workplace procedures 2.3 Waste generated by both the process and cleaning procedures is collected, treated, disposed of or recycled according to workplace procedures 2.4 Work is conducted in accordance with workplace environmental guidelines
3. Record information	3.1 Workplace information is recorded in the appropriate format

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills include:

Note: The following required skills should be applied as appropriate to the equipment and processes that are used in the particular winery or workplace.

Ability to:

- access workplace information to identify planting requirements
- select, fit and use appropriate personal protective clothing and/or equipment
- set up and operate planting equipment according to instructions, as required
- maintain vine material ready for use. This includes consideration of dehydration and contamination
- plant vines according to instructions. These may include specifications for:
 - spacing
 - row width
 - depth
 - soil preparation
 - rootling preparation
 - soil compaction
 - planting procedure
 - rootling health
 - correct disposal of waste material
 - cleaning and storage of equipment
- report and/or record problems and take corrective action
- shut down equipment in response to an emergency situation, as required
- shut down equipment in response to routine situations, as required
- identify, rectify and/or report environmental non-compliance
- maintain work area to meet housekeeping standards
- use oral communication skills/language to fulfil the job role as specified by the organisation, including questioning, active listening, asking for clarification and seeking advice from supervisor
- work cooperatively within a culturally diverse workforce.

Required knowledge includes:

Note: The following required knowledge should be applied as appropriate to the equipment and processes that are used in the particular winery or workplace.

Knowledge of:

- safe and effective handling of equipment
- correct operating procedures for equipment
- purpose and application of personal protective clothing and/or equipment

- Occupational health and safety (OHS) hazards and controls
- environmental issues and controls
- procedures and responsibility for reporting problems and anomalies
- soil characteristics as they apply to vine establishment. These may include:
 - structure
 - compaction
 - condition
 - present moisture
 - present nutrients and toxic factors
- parts of the vine
- planting requirements and procedures
- appearance and features of healthy vine planting material
- cleaning and storage requirements for equipment
- reporting responsibilities and procedures.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	Assessment must be carried out in a manner that recognises the cultural and literacy requirements of the assessee and is appropriate to the work performed. Competence in this unit must be achieved in accordance with food safety standards and regulations.
Critical aspects for assessment and evidence required to demonstrate competency in this unit	Evidence of ability to: • use personal protective clothing and equipment • maintain vine material ready for use • identify specifications for planting, including spacing, row width and depth • plant vines according to specification • collect, sort, treat, recycle or dispose of waste • keep specified records.
Context of and specific resources for assessment	Assessment must occur in a real or simulated workplace where the assessee has access to: • personal protective clothing and equipment as required • work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements • instructions, information, specifications and schedules as required • equipment, services and corresponding information as required • products and materials as required • internal and external customers and suppliers as required • cleaning procedures, materials and equipment as required • documentation and recording requirements and procedures.
Method of assessment	This unit should be assessed together with other units of competency relevant to the function or work role.
Guidance information for assessment	To ensure consistency in one's performance, competence should be demonstrated on more than one occasion over

EVIDENCE GUIDE

a period of time in order to cover a variety of circumstances, cases and responsibilities, and where possible, over a number of assessment activities.

Range Statement**RANGE STATEMENT**

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Policies and procedures

Work is carried out in accordance with workplace procedures, licensing requirements and legislative requirements

Workplace information

Workplace information can include:

- Standard Operating Procedures (SOPs)
- specifications
- production schedules
- instructions
- routine maintenance schedules
- work notes
- Material Safety Data Sheets (MSDS)
- manufacturer instructions
- verbal direction from manager, supervisor or senior operator

Equipment

Equipment may include:

- water jets
- shovel
- auger
- tarpaulin
- buckets
- snips
- water tanks

Materials

Materials may include:

RANGE STATEMENT	
	• planting material (cuttings or rootlings) • sand • water
Method of planting	Method of planting may include: • water jets • shovel • auger holes
Confirming equipment status	Confirming equipment status involves: • checking that safety standards and pre-start requirements are met and that equipment is operational
Problems and anomalies	Problems and anomalies may include: • evidence of pests • diseases or physical damage to planting material • plant material vigour • rock at planting depth
Waste	Waste may include: • trimmings • unhealthy planting material • packaging materials

Unit Sector(s)

Unit sector	Wine operations
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