

<b>Title</b>	<b>Perform shed nursery activities in the vineyard</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	This unit standard is for people working in the viticulture industry. People credited with this unit standard are able to prepare cuttings for callusing, prepare the callusing environment, and prepare rootlings for sale or planting in the vineyard.
----------------	--

<b>Classification</b>	Horticulture > Viticulture
-----------------------	----------------------------

<b>Available grade</b>	Achieved
------------------------	----------

### Guidance Information

- 1 The New Zealand Horticulture Industry Training Organisation acknowledges the assistance provided by the Australian National Training Authority (ANTA) in permitting their competency unit to be used as the basis for this unit standard. This unit standard is based on the unit of competency FDFWGGSNAA, *Perform shed nursery activities*.
- 2 *Workplace procedures* refers to verbal or written instructions to staff on procedures for the worksite and equipment.
- 3 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments.
- 4 Rootlings may include those developed from cuttings in a sand bed or callusing room, or those freshly dug from a field nursery.
- 5 Equipment may include secateurs, protective clothing, bins/boxes, spades, trowels, watering/irrigating equipment, heaters/heating equipment, packing machine, counting machine.
- 6 Materials may include string, labels, chemicals, sand, wax.
- 7 Shed nursery facilities may include cold storage, callusing room, hot beds, sand storage bins, water, fungicide treatment areas, storage bins/tanks, soakage tanks, glass houses.
- 8 Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004 *Management of Agrichemicals*, available from Standards New Zealand <http://standards.co.nz>, or the NZ Agrichemical Education Trust <http://growsafe.co.nz>.

---

## Outcomes and performance criteria

### Outcome 1

Prepare cuttings for callusing.

#### Performance criteria

- 1.1 Cuttings are counted, bundled and labelled according to workplace procedures.
- 1.2 Cuttings are chemically treated according to instructions and safety procedures.
- 1.3 Cuttings are stored according to workplace procedures.

### Outcome 2

Prepare callusing environment.

#### Performance criteria

- 2.1 Sand bed/callusing room is prepared according to workplace procedures.
- 2.2 Cuttings are placed into callusing environment according to workplace procedures.
- 2.3 Optimum callusing environment is maintained.  
Range heat, light, moisture, air movement.

### Outcome 3

Prepare rootlings for customer/planting.

#### Performance criteria

- 3.1 Rootlings are trimmed, graded, packed and stored according to workplace procedures.
- 3.2 Waste is collected and disposed of according to workplace procedures.
- 3.3 Problems and anomalies are recognised, rectified and/or reported.  
Range may include evidence of nematodes, crown gall, dehydration, infection, physical damage, graft union failure.

### Outcome 4

Record and/or store information in a retrievable format.

**Performance criteria**

4.1 Workplace information is recorded and/or stored according to workplace procedures.

Range may include standard operating procedures, specifications, production schedules/instructions, work notes, Material Safety Data Sheets, manufacturers' instructions, verbal direction from manager, supervisor or senior operator.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	22 May 2003	31 December 2022
Revision	2	24 February 2006	31 December 2022
Review	3	29 July 2021	31 December 2022

**Consent and Moderation Requirements (CMR) reference**

0032

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.