

ASSESSMENT GUIDELINES

Unit 19938

Perform shed nursery activities in the vineyard

Level 3, Credit 10, version 2

Perform shed nursery activities in the vineyard

Unit standard 19938

Level 3, Credit 10, version 2

Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and judgment.

Assessors may consider linking the assessment of this unit standard with assessment for:

19937 *Perform field nursery activities in the vineyard*

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

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>.

**Unit 19938: Perform shed nursery activities in the vineyard
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Prepare cuttings for callusing	Yes/No	<ul style="list-style-type: none"> ▪ Access workplace information to identify nursery requirements (eg. in terms of site and crop characteristics). Liaise with other work areas and customers. ▪ Select, fit and use appropriate personal protection clothing and/or equipment. . ▪ Count, bundle and label cuttings as required and according to workplace procedures. ▪ Treat cuttings as required prior to callusing. This may include fungicide treatment, re-hydration, scoring, root promoter treatment, cutting just below basal bud, and assimilation after cool storage. ▪ Store cuttings. This may include maintaining and monitoring cold storage facilities.
Element 2 Prepare callusing environment	Yes/No	<ul style="list-style-type: none"> ▪ Prepare sand bed/callusing room according to workplace procedures. This may include packing sand/vermiculite; lining boxes; ensuring heaters, ventilator etc. working correctly to required temperature. ▪ Plant/place cuttings in callusing environment. This may include feeling into ground/sand, packing into boxes with vermiculite, watering in, correct number of cuttings per box, spacing not too tight, correct way up (basal end at bottom), arrangement according to variety, clone, source etc. labeling and mapping of beds, adding hormone mixes. ▪ Maintain optimum callusing environment. This will include temperature, light, moisture, air movement, humidity, weed and pest prevention.
Element 3 Prepare rootlings for customer/planting	Yes/No	<ul style="list-style-type: none"> ▪ Trim rootlings (top growth and roots) ready for planting. ▪ Grade rootlings according to customer requirements and workplace procedures. ▪ Pack rootlings according to workplace procedures. This should consider customer requirements, maintenance of rootling health, minimisation of vine damage, mode of transport, destination time, storage time and method, dehydration prevention. ▪ Handle cuttings/rootlings to minimise damage. ▪ Recognise problems and anomalies (eg. evidence of nematodes, crown gall, dehydration, infection, physical damage, graft union failure), and amend and/or report as instructed. ▪ Collect, treat, recycle or dispose of waste according to workplace procedures and legislative requirements.
Element 4 Record and/or store information in a retrievable format	Yes/No	<ul style="list-style-type: none"> ▪ Record and/or store workplace information according to workplace procedures. This 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. ▪ Information systems may be print or screen based.

(Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 19938 (version 2)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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