

ASSESSMENT GUIDELINES

Unit 19937

Perform field nursery activities in the vineyard

Level 3, Credit 10, version 2

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Unit standard 19937

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:

19938 *Perform shed 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 FDFWGGFNAA, Perform field 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 include but is not limited to the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments. Licensing requirements relevant to this unit standard include, but are not limited to, the class of driver licence appropriate to the vehicle used.

4. Information systems may be paper or electronic based.
5. 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 19937: Perform field nursery activities in the vineyard
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Prepare for field nursery planting	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. . ▪ Prepare field nursery bed for planting. This may include cultivating, fertilizing, planning layout (eg. vines/hectare, varietal lots, row spacing for mechanical operations, row orientation), herbicide treatment, soil cultivation, application of weed matting, positioning of irrigation pipes and points. ▪ Check nursery maintenance infrastructure is ready for use as required. This may include irrigation/fertigation equipment and components, windbreaks.
Element 2 Maintain field nursery grapevines	Yes/No	<ul style="list-style-type: none"> ▪ Select and apply appropriate vine protection methods. This may include waxing, wind breaks, row orientation, and pest control; and should include consideration of climate/prevailing wind, vineyard pests eg. rabbits, aspect/orientation of vineyard, irrigation/fertigation schedule, frost incidence. ▪ Carry out field nursery activities according to workplace procedures, without damage to vines, equipment or property structures. This may include irrigation, fertilising, mulching, weed/pest control. ▪ Monitor young vines health and growth. This includes soil moisture, signs of disease and pests, water stress, signs of nutrient deficiency, growth rate. ▪ Recognise problems and anomalies (eg. signs of pests and disease, equipment malfunction, rogue vines), and amend and/or report as instructed.
Element 3 Process field nursery rootlings for removal from nursery	Yes/No	<ul style="list-style-type: none"> ▪ Lift rootlings from the beds whilst ensuring minimal plant damage. This may include roots undercut adequately, gentle handling. ▪ Prepare rootlings for transport. This may include trimming, counting and bundling, labeling, grading, packing.
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 19937 (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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