

ASSESSMENT GUIDELINES

Unit 19932

Monitor and control grapevine disorders and damage

Level 4, Credit 15, version 2

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Unit standard 19932

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Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyse and interpret information, and make an informed judgment.

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

- 825 Recognise common pests, diseases, and disorders important to fruit production
828 Monitor levels of pest and beneficial organisms in fruit crops and act at pre-set threshold levels

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 FDFWGGVDDA, *Monitor and control vine disorders and damage*.
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 and its 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. Vine disorders may include any form of damage or deficiency caused by physical, environmental, biological or chemical agents eg vermin, diseases, pests, weeds, fungi, nutrient deficiency.
5. Equipment will vary according to the techniques adopted.
6. Information systems may be paper or electronic based.
7. 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 19932: Monitor and control grapevine disorders and damage
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Monitor grapevine health	Yes/No	<ul style="list-style-type: none"> ▪ Access workplace information to identify vine damage monitoring and control requirements. ▪ Monitor vine health according to workplace procedures. ▪ Recognise vine diseases, disorders and pest/vermin damage by their signs and/or symptoms. Recognise beneficial organisms. ▪ Identify the causal agent of disease and/or pest/vermin damage and assess plant damage in accordance with recommended control action thresholds. ▪ Identify and recommend appropriate control activities (ie. preventative and/or corrective/eradication measures). ▪ Select, fit and use appropriate personal protection clothing and/or equipment.
Element 2 Implement control measures	Yes/No	<ul style="list-style-type: none"> • Operate equipment according to workplace procedures, without causing damage to vines, equipment and property structures. • Implement appropriate control measures according to supervisor's instructions. Control or eradication measures may include growth regulants, nutrients, hormones, pesticides, fungicides, herbicides and other chemicals, baits, traps, ripping, fumigation, guns, guards, fencing, gas guns, scaring devices. • Agrichemicals, if used, are applied, stored and excess disposed of in accordance with NZS8409:1999.
Element 3 Evaluate the effectiveness of control measures	Yes/No	<ul style="list-style-type: none"> • Monitor grapevine health to evaluate the effectiveness of treatments. • Disease and/or pest/vermin population is within acceptable range and below recommended control action thresholds.
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 paper or electronic based.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 19932 (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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