

ASSESSMENT GUIDELINES

Unit 21958

Estimate vineyard yield

Level 4, Credit 5, version 1

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Unit standard 21958

Level 4, Credit 5, Version 1

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.

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. *Workplace procedures* refers to verbal or written instructions to staff on procedures for the worksite and equipment.
2. 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.
3. Equipment may vary according to the techniques adopted.
4. Information systems may be paper or electronic based.

**Unit 21958: Estimate vineyard yield
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Describe the importance of accurate yield estimations and identify sources of yield variations within a vineyard.	Yes/No	<ul style="list-style-type: none"> ▪ Describe the importance of accurate yield estimates in terms of winery and vineyard operations. ▪ Describe sources of yield variation within a vineyard. Range: planting changes, seasonal factors, cultural practices.
Element 2 Identify components of yield.	Yes/No	<ul style="list-style-type: none"> ▪ Identify components of yield.
Element 3 Identify a range of yield estimation methods and outline advantages and disadvantages of each method.	Yes/No	<ul style="list-style-type: none"> ▪ Identify a range of yield estimation methods. Range: pre-flowering, post-fruit set, post veraison. ▪ Outline the advantages and disadvantages for each method. Range: accuracy, effects on vineyard management, effects on winery processing.
Element 4 Forecast vineyard yield. Range: vineyard, vineyard block, vineyard sub-block.	Yes/No	<ul style="list-style-type: none"> ▪ Identify yield estimation requirements in terms of site and crop characteristics. ▪ Collect the required data in accordance with workplace procedures and ensure it is consistent with the yield estimation method used. ▪ Yield estimate is calculated from collected data.
Element 5 Record and/or store information in a retrievable format.	Yes/No	<ul style="list-style-type: none"> ▪ Yield estimation information is recorded in accordance with workplace procedures.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 21958. (version 1)

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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