

Title	Sample grapes for grape maturity		
Level	3	Credits	3

Purpose	This unit standard is for people working in the viticulture industry. People credited with this unit standard are able to: describe the importance of sampling for grape maturity; identify a range of grape maturity sampling methods and demonstrate knowledge of sources of error when sampling; prepare for grape maturity sampling; sample grapes for grape maturity assessment; and record and/or store grape sampling information in a retrievable format.
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Classification	Horticulture > Viticulture
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Available grade	Achieved
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Guidance Information

- 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 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://www.standards.co.nz>, or the NZ Agrichemical Education Trust, PO Box 10 232, Wellington.
- 4 Equipment may vary according to the techniques adopted.
- 5 Information systems may be paper or electronic based.

Outcomes and performance criteria

Outcome 1

Describe the importance of sampling for grape maturity.

Performance criteria

- 1.1 The importance of grape maturity sampling is described in terms of winery and vineyard operations.

Outcome 2

Identify a range of grape maturity sampling methods and demonstrate knowledge of sources of error when sampling.

Performance criteria

- 2.1 A range of grape maturity sampling methods is identified.
- 2.2 Sources of errors that can occur when sampling for grape maturity are described.
- Range human, vineyard, timing, environmental.

Outcome 3

Prepare for grape maturity sampling.

Performance criteria

- 3.1 Sampling requirements are identified in terms of site and crop characteristics.
- 3.2 Equipment is identified and confirmed as available and ready for use.

Outcome 4

Sample grapes for maturity assessment.

Performance criteria

- 4.1 Samples are collected in accordance with workplace procedures and consistent with sampling method used.
- 4.2 Samples are packaged and delivered to winery in accordance with workplace procedures.

Outcome 5

Record and/or store grape sampling information in a retrievable format.

Performance criteria

- 5.1 Grape sampling information is recorded in accordance with workplace procedures.

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	20 June 2006	31 December 2022
Review	2	29 July 2021	31 December 2022

Consent and Moderation Requirements (CMR) reference	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring