

Title	Analyse field measurements of plants		
Level	5	Credits	4

Purpose	People credited with this unit standard are able to: collect field measurements of plants; and analyse collected field work data.
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Classification	Science > Biology
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Available grade	Achieved
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Guidance Information

- 1 All work must be carried out in accordance with the quality management system, documented protocol system or Standard Operating Procedures acceptable in a commercial or research laboratory.
- 2 Health and Safety practices must conform to Australian/New Zealand Standard AS/NZS 2243:2010 Set – *Safety in Laboratories*, available at <http://www.standards.co.nz> and <http://infostore.saiglobal.com/store>.
- 3 Legislation applicable to this unit standard includes:
Health and Safety at Work Act 2015;
Hazardous Substances and New Organisms Act 1996.
- 4 *Field work* is carried out in the context of an objective for the field work procedures.
- 5 Guidance may be provided for:
 - a field work procedures;
 - b field work objective.
- 6 Glossary
Sufficient refers to the data required to meet the statistical uncertainty of the field work objective.
Ecosystem refers to a defined area of an environment through which energy flows and nutrients are cycled.

Outcomes and performance criteria

Outcome 1

Collect field measurements of plants.

Range measurements are collected from at least one ecosystem, which may include – forest, alpine, grassland.

Performance criteria

1.1 Data is collected in accordance with selected methodology and field work procedures.

Range accuracy, precision, repeatability, documentation, minimising ecological disturbance.

1.2 Information gathered is sufficient to meet the objective of the field work.

Outcome 2

Analyse collected field work data.

Performance criteria

2.1 Data is recorded in accordance with field work procedures.

2.2 Statistical analysis of data produces results in accordance with field work procedures.

2.3 Field work data is analysed in terms of the objective for the field work.

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Status information and last date for assessment for superseded versions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	22 December 1996	31 December 2014
Revision	2	19 February 1998	31 December 2014
Review	3	23 November 1999	31 December 2014
Review	4	22 September 2004	31 December 2014
Review	5	21 May 2010	31 December 2022
Rollover	6	27 January 2015	31 December 2022
Rollover and Revision	7	15 June 2017	31 December 2022
Revision	8	26 October 2017	31 December 2022
Review	9	22 October 2020	31 December 2022

Consent and Moderation Requirements (CMR) reference	0113
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.