

Title	Calculate fertiliser requirements, prepare and apply fertiliser, and maintain and store fertiliser equipment		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: calculate the fertiliser requirements for a selected horticulture area; prepare and apply fertiliser to a selected horticulture area; and maintain and store fertiliser equipment.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991; and any subsequent amendments.
- 2 All evidence presented in this unit standard must be in accordance with:
 - Workplace procedures.
- 3 Definition
Workplace procedures refer to policies and procedures on safety, operation, and production set down by the employer or host organisation.
- 4 A selected horticulture area may include – an amenity or landscape area; or a fruit, viticulture, vegetable, flower or nursery crop.
- 5 Fertiliser applicators may include – pedestrian spreaders, mechanical-mounted spreaders, boom sprayers, fertigation.

Outcomes and performance criteria

Outcome 1

Calculate the fertiliser requirements for a selected horticulture area.

Performance criteria

- 1.1 Calculate the amount of fertiliser required for the selected area according to a predetermined fertiliser programme.

Outcome 2

Prepare and apply fertiliser to a selected horticulture area.

Performance criteria

- 2.1 Calibrate fertiliser applicator.
- 2.2 Identify and report any damage, wear or malfunctions of the fertiliser applicator.
- 2.3 Assess suitability of conditions prior to fertiliser spreading.
- Range assessment of weather, soil moisture status.
- 2.4 Load, and apply fertiliser evenly, at the specified rate, with minimal overlap, and no coverage gaps.
- 2.5 Maintain fertiliser application records.

Outcome 3

Maintain and store fertiliser equipment.

Performance criteria

- 3.1 Carry out post application care and maintenance of equipment.
- 3.2 Store equipment.
- 3.3 Report workplace information to supervisor and maintain records of fertiliser equipment maintenance.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2006	31 December 2021
Review	2	19 January 2017	31 December 2024
Review	3	27 May 2021	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary ITO standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.