

Title	Apply nutrients in a primary industry setting		
Level	3	Credits	5

Purpose	People credited for this unit standard are able to: carry out field preparation; select and prepare nutrient-application equipment and machinery; apply nutrients in a primary industry setting; and carry out post-operational procedures.
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Classification	Rural Contracting > Agricultural Contracting
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Available grade	Achieved
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Prerequisites	Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven.
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Guidance Information

1 Legislation and references

Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:

- Health and Safety at Work Act 2015;
- Resource Management Act 1991;
- NZS 8409:2004 *Management of agrichemicals*, available from www.standards.govt.nz;
- *Land Transport Rule Heavy Vehicles 2004*, available from www.nzta.govt.nz;
- *The Spreadmark Code of Practice*, available from Groundspread NZ.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

Refer to *The Spreadmark Code of Practice* for acceptable use of industry specific terms, unless stated otherwise. For information on the use and content of *The Spreadmark Code of Practice*, contact Groundspread NZ.

2 Definition

Industry requirements refers to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.

3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.

Outcomes and performance criteria

Outcome 1

Carry out field preparation.

Performance criteria

- 1.1 Confirm job specifications.
- 1.2 Determine a work pattern that will produce systematic and efficient nutrient application over the targeted area.

Outcome 2

Select and prepare nutrient-application equipment and machinery.

Performance criteria

- 2.1 Select equipment and machinery appropriate for the area, topography and type of nutrient.
- 2.2 Check that equipment and machinery are fit for purpose and take corrective action if necessary.
- 2.3 Calibrate and adjust nutrient-application equipment for the work to be carried out.

Outcome 3

Apply nutrients in a primary industry setting.

Performance criteria

- 3.1 Schedule nutrient application and coverage in accordance with client requirements and *Spreadmark* guidelines.
- 3.2 Follow planned work pattern with adjustments made to suit changing conditions.
 - Range includes but is not limited to – weather, proximity to people, proximity to animals, proximity to public roads, proximity to built-up areas.
- 3.3 Load and apply nutrient with minimal wastage.
- 3.4 Record nutrient-application details in accordance with client requirements.

Outcome 4

Carry out post-operational procedures.

Performance criteria

- 4.1 Shut down and store equipment and machinery.
- 4.2 Clean and lubricate equipment, and replace or repair and report damaged equipment.
- 4.3 Complete and store documentation for the operation in accordance with client requirements.

Replacement Information	This unit standard replaced unit standard 6266.
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Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 July 2015	31 December 2023
Review	2	26 August 2021	31 December 2026
Review	3	28 September 2023	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.