

<b>Title</b>	<b>Describe the environmental implications of spreading fertiliser and associated activities</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: environmental risks resulting from fertilisers and fertiliser spreading, and strategies to mitigate against environmental risks; and environmental problems resulting from associated activities other than actual spreading of fertiliser, and strategies to mitigate against environmental risks.
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<b>Classification</b>	Agriculture > General Agriculture
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<b>Available grade</b>	Achieved
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### Guidance Information

Legislation relevant to this unit standard includes but is not limited to:

- Hazardous Substances and New Organisms Act 1996;
- Health and Safety at Work Act 2015;
- Land Transport Act 1998;
- Resource Management Act 1991; and any subsequent amendments.

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### Outcomes and performance criteria

#### Outcome 1

Describe environmental risks resulting from fertilisers and fertiliser spreading, and strategies to mitigate against environmental risks.

#### Performance criteria

- 1.1 Describe environmental risks in terms of those resulting from nutrient leaching.
- 1.2 Describe environmental risks in terms of those resulting from contamination of surface water.
- Range risks include but are not limited to – fertiliser run-off, direct application of fertiliser.
- 1.3 Describe environmental problems resulting from fertiliser spreading in terms of those caused by wind drift.

1.4 Describe environmental problems resulting from fertiliser spreading in terms of social and third-party effects.

1.5 Describe strategies to mitigate environmental risks resulting from fertiliser and fertiliser spreading.

Range risks include but are not limited to – leaching, contamination of surface water, wind drift, social and third-party effects; evidence of one strategy for each risk is required.

## Outcome 2

Describe environmental problems resulting from associated activities other than actual spreading of fertiliser, and strategies to mitigate environmental risks.

### Performance criteria

2.1 Describe environmental problems in terms of those occurring during fertiliser transportation.

Range problems include but are not limited to – over-loading, exposed loads.

2.2 Describe environmental problems in terms of those occurring at fertiliser loading sites.

2.3 Describe environmental problems in terms of those occurring during washing down spreader vehicles.

2.4 Describe strategies to mitigate environmental risks resulting from associated activities other than fertiliser spreading.

Range risks include but are not limited to – fertiliser transportation, fertiliser loading, washing down spreader vehicles; evidence of one strategy for each risk is required.

<b>Planned review date</b>	31 December 2026
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### Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 April 2002	31 December 2023
Review	2	20 May 2008	31 December 2023
Review	3	24 February 2022	N/A

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

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**Comments on this unit standard**

Please contact Muka Tangata – People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.