

Title	Describe the end use of crops and factors which affect crop yields, and interpret seed quality		
Level	2	Credits	2

Purpose	<p>This unit standard is for people working in the cropping industry.</p> <p>People credited with this unit standard are able to: describe the end use of crops grown on New Zealand farms; describe major factors which affect crop yields; and describe and interpret seed quality.</p>
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Classification	Agriculture > Farming Skills
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Available grade	Achieved
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Guidance Information

Definitions

Fodder crop refers to a crop that is harvested as a supplement for either storage or direct feeding to stock.

Forage crop refers to a crop that is eaten in situ.

Outcomes and performance criteria

Outcome 1

Describe the end use of crops grown on New Zealand farms.

Range end use – cash crop, fodder crop, forage crop.

Performance criteria

1.1 Describe crop types in terms of their suitability for end use.

Range evidence is required for at least three crop types for each end use.

1.2 Describe the end use of crops in terms of the likely end user.

Outcome 2

Describe major factors which affect crop yields.

Range major factors – weeds, pests, diseases, plant nutrients, water, plant population, cultivars, weather, temperature, soils, place in rotation, harvesting.

Performance criteria

2.1 Describe factors in terms of the positive and negative effects for a specified enterprise.

Range evidence is required of at least four factors.

2.2 Describe factors in terms of their effect on crop yields.

Range evidence is required of at least four factors.

Outcome 3

Describe and interpret seed quality.

Performance criteria

3.1 Describe the value of certified seed in terms of seed quality, seed purity, seed reliability, and its effect on crop establishment, crop health, and crop yield.

3.2 Interpret a seed analysis certificate to identify seed purity and germination.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 1993	31 December 2020
Review	2	29 September 1995	31 December 2020
Review	3	28 February 1997	31 December 2020
Review	4	25 June 2002	31 December 2020
Review	5	23 April 2008	31 December 2020
Review	6	28 February 2019	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 Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.