

Title	Describe the impact of an agriculture system on soils		
Level	2	Credits	3

Purpose	<p>This unit standard is for people working, or intending to work, in the agricultural industry, and secondary school and gateway students.</p> <p>People credited with this unit standard are able to describe the impact of an agriculture system on soils.</p>
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Classification	Agriculture > General Agriculture
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Available grade	Achieved
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Guidance Information

Definition

Sustainable soil management refers to practices that maintain soil health and prevent soil related issues for example erosion, excess nutrients, contamination.

Outcomes and performance criteria

Outcome 1

Describe the impact of an agriculture system on soils.

Range at least one of – arable farming, dairy farming, deer farming, sheep farming, cattle farming.

Performance criteria

1.1 Describe farming practices that have a positive impact on sustainable soil management.

Range evidence of three farming practices.

1.2 Describe farming practices that impact on soil structure and compaction.

Range evidence of two positive and two negative practices.

1.3 Describe sources of nutrient inputs and outputs that impact on soil nutrient levels.

- 1.4 Describe farming practices that maintain water quality by minimising sediment and nutrients entering waterways.

Range evidence of two farming practices.

- 1.5 Describe the benefits of soil fertility for an agriculture system.

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Status information and last date for assessment for superseded versions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	20 May 2008	31 December 2020
Review	2	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.