

<b>Title</b>	<b>Describe plants in the agriculture industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is for people working, or intending to work, in agriculture.</p> <p>People credited with this unit standard are able to describe: agricultural plant structures and their functions; the growth stages of agricultural plants; and the life cycles of agricultural plants.</p>
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<b>Classification</b>	Agriculture > Farming Skills
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<b>Available grade</b>	Achieved
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## Guidance Information

### Definition

*Agricultural plants* refer to species of pasture, cereals, brassicas, root crops, legumes grown for agricultural purposes.

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## Outcomes and performance criteria

### Outcome 1

Describe agricultural plant structures and their functions.

### Performance criteria

- 1.1 Describe the cells of plants in terms of structure, formation, and function.
- 1.2 Describe roots in terms of their functions and importance to plant growth and stability.
- 1.3 Describe stems in terms of their functions and importance to plant growth and stability.
- 1.4 Describe leaves in terms of their functions and importance to plant growth and stability.
- 1.5 Describe flowers, fruits, and seeds in terms of their functions and importance to plant growth and stability.

**Outcome 2**

Describe growth stages of agricultural plants.

**Performance criteria**

2.1 Describe agricultural plants in terms of the process of germination.

Range evidence of two agricultural plants.

2.2 Describe agricultural plants in terms of the vegetative stages.

Range seedling, tillering, stem elongation, root storage.

2.3 Describe agricultural plants in terms of reproductive stages.

Range flowering, seed formation, maturity.

**Outcome 3**

Describe the life cycles of agricultural plants.

**Performance criteria**

3.1 Describe agricultural plants in terms of their life cycles.

Range annual, biennial, perennial.

<b>Planned review date</b>	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**Status information and last date for assessment for superseded versions**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	23 April 2008	31 December 2020
Review	2	28 February 2019	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>.

**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.