

<b>Title</b>	<b>Perform calculations in a primary industry context</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 the primary sector.</p> <p>People credited with this unit standard are able to perform calculations in a primary industry context.</p>
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<b>Classification</b>	Primary Sector > Primary Sector Core Skills
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 The use of a calculator is recommended when performing calculations.
- 2 Apply units of measurement when performing calculations in a primary industry context, for example, length (m), percentage (%).

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### Outcomes and performance criteria

#### Outcome 1

Perform calculations in a primary industry context.

#### Performance criteria

- 1.1 Apply area calculations to workplace examples.

Range may include but is not limited to – paddock size, floor area of packaging facility or calf pen, effective area of farm; evidence is required for at least three.

- 1.2 Apply volume calculations to workplace examples.

Range may include but is not limited to – concrete floor for fruit or feed storage, spray tank, silo, silage pit; evidence is required for at least three.

1.3 Apply percentage calculations to workplace examples.

Range may include but is not limited to – crop reject rate, grading efficiency, lambing or calving or fawning non-return rate, conception rate, reproductive efficiency; evidence is required for at least three.

1.4 Apply average calculations to workplace examples.

Range may include but is not limited to – yearly rainfall, district production/yield averages, growth rate, breeding values; evidence is required for at least three.

1.5 Apply ratio calculations to workplace examples.

Range may include but is not limited to – fuel mix, chemical application, cleaning fluid, wet dry stock; evidence is required for at least three.

<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#### Status information and last date for assessment for superseded versions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	25 June 2002	31 December 2020
Review	2	20 May 2008	31 December 2020
Review	3	28 February 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0232
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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.