

Title	Demonstrate understanding of pasture management in a pastoral livestock workplace		
Level	3	Credits	12

Purpose	This unit standard is intended for people who are required to apply an understanding of pasture management in a primary industry workplace.
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Classification	Agriculture > Farming Skills
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Available grade	Achieved
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Guidance Information

- 1 Cultivar selection in a dairy context should include reference to the Forage Value Index (FVI). FVI is an estimated Profit Index (\$/ha) based on performance values for key traits of pasture cultivars. More information about FVI is available on <http://www.dairynz.co.nz/>.
- 2 *Local weather conditions* are defined as the daily conditions of the atmosphere in terms of temperature, atmospheric pressure, wind, and moisture.
- 3 Demonstration of understanding may be assessed in a number of ways, which could include, ability to complete practical tasks, if it is clear that the understanding is essential underpinning understanding to the task/s, and that the task/s could not be completed without the candidate having that understanding.
- 4 In the context of this unit standard, *understanding* means that there should be evidence of a learners' thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learners' understanding is embedded in their practices and behaviour.

Outcomes and performance criteria

Outcome 1

Demonstrate understanding of the establishment and maintenance of pasture in a pastoral livestock workplace.

Performance criteria

- 1.1 Identifies the structural components of grasses, clovers and herbs.
Range eight components in total.
- 1.2 Explain the growth characteristics of a grass, clover, and herb in a pasture.
- 1.3 Explains the benefits of a grass and clover sward.
- 1.4 Select an appropriate pasture species and cultivar for a pastoral livestock workplace.
- 1.5 Describes methods of establishment and/or renovation of pasture.
Range at least two industry recognised methods of establishment and/or renovation.
- 1.6 Describes grazing management practices for maintaining the quality, optimal growth and utilisation of pastures.
- 1.7 Accurately identifies: grasses; legumes; pasture herbs; weeds; pasture pests or pest damage on pasture.
Range grass – three species; legumes – two species; pasture herbs – two species; weeds – five species; pasture pests – two species identified either by sight or by pasture damage.

Outcome 2

Demonstrate understanding of the management of feed surpluses and deficits.

Performance criteria

- 2.1 Describes the identification, conservation and use of a pasture surplus.
- 2.2 Explains methods to manage a feed deficit.
- 2.3 Describes the suitable uses of supplementary feeds.

Outcome 3

Demonstrate understanding of the effect of weather on pasture supply and demand.

Performance criteria

- 3.1 Describes how local pasture supply and demand varies with weather conditions and seasons.
- 3.2 Explains how weather information is used to make pasture management decisions.

Replacement information	<p>This unit standard was replaced by unit standard 32089. This unit standard replaced unit standard 16.</p>
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 July 2015	31 December 2022
Review	2	27 February 2020	31 December 2022

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>.