

Title	Describe livestock selection for increased productivity		
Level	3	Credits	4

Purpose	This unit standard is intended for people who are required to describe livestock selection for increased productivity.
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Classification	Agriculture > Livestock Husbandry
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Available grade	Achieved
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Guidance Information

- 1 Legislation and regulations relevant to this unit standard include but are not limited to:
 - Animal Welfare Act 1999;
 - Health and Safety at Work Act 2015;
 - Code of Welfare relevant to the type of livestock.
- 2 Welfare codes for all types of livestock are available from <http://www.mpi.govt.nz>.
- 3 Candidates are expected to apply understanding of this topic to specific farming industry contexts. Examples of contexts include beef, dairy, deer, goats or sheep.
- 4 Candidates are not expected to demonstrate understanding of the stages of meiosis or perform statistical calculations.

Outcomes and performance criteria

Outcome 1

Describe livestock selection for increased productivity.

Performance criteria

- 1.1 Describe how desirable traits are determined.
- 1.2 Describe the use of livestock breeding indices for increased productivity.
- 1.3 Describe the importance of heritability for increased productivity.
- 1.4 Describe the use of hybrid vigour for increased productivity.
- 1.5 Describe techniques used for livestock identification and recording.
- 1.6 Describe the relationship between culling and increased productivity.

Replacement information	This unit standard replaced unit standards 1518 and 24809.
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Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions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	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.