

<b>Title</b>	<b>Describe production requirements for meat-producing animals</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>7</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: aspects of markets for New Zealand meat which affect meat production; the relationship between animal characteristics and growth in meat-producing animals, the role of feed in meat-producing animals and calculate total quantity of feed, and key health and welfare requirements which affect the production of meat-producing animals.
----------------	---

<b>Classification</b>	Agriculture > Farming Skills
-----------------------	------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

None.

---

### Outcomes and performance criteria

#### Outcome 1

Describe aspects of markets for New Zealand meat which affect meat production.

Range meat types may include but are not limited to – beef, mutton, lamb, venison, pork;  
evidence of one meat type is required.

#### Performance criteria

- 1.1 Describe major cuts of meat in terms of domestic and international consumer requirements.
- 1.2 Describe payment systems in terms of the grading system indicating market trends to farmers.
- 1.3 Describe a meat schedule and its seasonal shifts in terms of the relevance to livestock management practices.

#### Outcome 2

Describe the relationship between animal characteristics and growth in meat-producing animals.

**Performance criteria**

- 2.1 Describe the relationship between the breed of meat-producing animal and its effect on growth rate, mature weight, and conformation of the species.

Range evidence of two breeds is required.

- 2.2 Describe heterosis in terms of its effect on growth rate, mature weight, and conformation of a species.

- 2.3 Describe the influence of testosterone on animal types in terms of its effect on growth rate, mature weight, and conformation.

Range animal types include but are not limited to – female, castrated, cryptorchid, entire.

**Outcome 3**

Describe the role of feed in meat-producing animals and calculate total quantity of feed.

**Performance criteria**

- 3.1 Describe feeding levels during periods of animal rearing in terms of their effect on animal performance.

Range rearing includes but is not limited to – lactating mother, at weaning, post-weaning.

- 3.2 Describe grazing systems and pasture species in terms of their effect on animal production.

Range evidence of two grazing systems, and four pasture species is required.

- 3.3 Describe the transition between different feed types in terms of its effect on animal production.

Range feed types include but are not limited to – pasture, grain, brassica, hay, silage.

- 3.4 Calculate total quantity of feed required to achieve liveweight gain targets for identified growth rates, at different feeding levels.

Range feeding levels include but are not limited to – maintenance plus 10%, maintenance plus 25%, maintenance plus 40%.

**Outcome 4**

Describe key health and welfare requirements which affect the production of meat-producing animals.

## Performance criteria

- 4.1 Describe an animal health programme which optimises growth rate.
- Range programme includes but is not limited to – control of internal parasites; prevention of pulpy kidney; minimising intake of endophytes; provision of mineral supplements as required – B12, Cobalt, Selenium, Copper, Magnesium, Nitrates.
- 4.2 Describe the influences of water quality and quantity in terms of their contribution to the achievement of target weights.
- 4.3 Describe forms of shelter in terms of those which have positive and negative implications for achieving target weights.

<b>Planned review date</b>	31 December 2027
----------------------------	------------------

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 June 2002	31 December 2024
Review	2	23 April 2008	31 December 2024
Review	3	29 September 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

## Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.