

## Achievement Standard

<b>Subject Reference</b>	Agricultural and Horticultural Science 2.7		
<b>Title</b>	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices		
<b>Level</b>	2	<b>Credits</b>	4
		<b>Assessment</b>	Internal
<b>Subfield</b>	Science		
<b>Domain</b>	Agricultural and Horticultural Science		
<b>Status</b>	Registered	<b>Status date</b>	17 November 2011
<b>Planned review date</b>	31 December 2019	<b>Date version published</b>	20 November 2014

This achievement standard involves demonstrating an understanding of interactions between livestock behaviour and management practices in commercial production in New Zealand.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of interactions between livestock behaviour and management practices in commercial production in New Zealand.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate in-depth understanding of interactions between livestock behaviour and management practices in commercial production in New Zealand.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive understanding of interactions between livestock behaviour and management practices in commercial production in New Zealand.</li> </ul>

### Explanatory Notes

- This achievement standard is derived from *The New Zealand Curriculum*, Learning Media, Ministry of Education, 2007, and is related to the material in the *Teaching and Learning Guide for Agricultural and Horticultural Science*, Ministry of Education, 2011 at <http://seniorsecondary.tki.org.nz>.
- Demonstrate understanding* involves describing the interactions between livestock behaviour and management practices in commercial production in New Zealand. This involves descriptions of how management practices take account of livestock behaviours and how livestock respond to different management practices.

*Demonstrate in-depth understanding* involves explaining the interactions between livestock behaviour and management practices in commercial production in New Zealand. This involves explanations of how management practices take account of livestock behaviours and how livestock respond to different management practices.

*Demonstrate comprehensive understanding* involves evaluating the interactions between livestock behaviour and management practices in commercial production in New Zealand. This involves comparing and contrasting or justifying the use of these management practices in response to livestock behaviours.

- 3 *Commercial production* includes aspects such as:
    - efficiency of farm operations
    - livestock growth rate
    - death rate
    - quality and quantity of product
    - farmer safety
    - animal welfare
    - market access.
  - 4 *Management practices* refers to actions taken that impact on the quantity, quality, genetic potential, timing, and the economics of production.
  - 5 Conditions of Assessment related to this achievement standard can be found at <http://ncea.tki.org.nz/Resources-for-Internally-Assessed-Achievement-Standards>.
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### Replacement Information

This achievement standard replaced AS90455 and unit standard 7085.

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### Quality Assurance

- 1 Providers and Industry Training Organisations must have been granted consent to assess by NZQA before they can register credits from assessment against achievement standards.
- 2 Organisations with consent to assess and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Consent and Moderation Requirements (CMR) reference

0233