

## Achievement Standard

<b>Subject Reference</b>	Agricultural and Horticultural Science 3.4		
<b>Title</b>	Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)		
<b>Level</b>	3	<b>Credits</b>	4
		<b>Assessment</b>	External
<b>Subfield</b>	Science		
<b>Domain</b>	Agricultural and Horticultural Science		
<b>Status</b>	Registered	<b>Status date</b>	4 December 2012
<b>Planned review date</b>	31 December 2020	<b>Date version published</b>	17 November 2016

This achievement standard involves demonstrating understanding of how the production process meets market requirements for a New Zealand primary product(s).

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s).</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate in-depth understanding of how the production process meets market requirements for a New Zealand primary product(s).</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive understanding of how the production process meets market requirements for a New Zealand primary product(s).</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 explaining how the production process meets specific market requirements for a New Zealand primary product(s).

*Demonstrate in-depth understanding* involves explaining, in detail, how the production process meets specific market requirements for a New Zealand primary product(s). The detail includes quantitative data.

*Demonstrate comprehensive understanding* involves using detailed explanations to justify how the production process used meets specific market requirements for a New Zealand primary product(s).

- 3 *Production process* refers to the sequence of manipulated management practices from establishment until harvest.
  - 4 *Market requirements* may include quality (product attributes and other considerations such as consistency, uniformity, or presentation); quantity; timing, and price.
  - 5 *A New Zealand primary product(s)* is a nationally significant agricultural and/or horticultural product in unprocessed or processed form that earns significant export revenue or allows for self-sufficiency within New Zealand, or employs a significant workforce during production and processing.
  - 6 Product attributes are measurable characteristics that affect the marketability of a primary product and may include, fat content, sugar levels, size, mass, diameter, tenderness, shelf life, and yield.
  - 7 Assessment Specifications for this achievement standard can be accessed through the Agriculture and Horticulture Resources page found at [www.nzqa.govt.nz/ncea/resources](http://www.nzqa.govt.nz/ncea/resources).
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### **Replacement Information**

This achievement standard replaced unit standard 7088, unit standard 7089, unit standard 7090, and AS90652.

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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