

## Achievement Standard

<b>Subject Reference</b>	Agricultural and Horticultural Science 1.4		
<b>Title</b>	Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand		
<b>Level</b>	1	<b>Credits</b>	3
		<b>Assessment</b>	Internal
<b>Subfield</b>	Science		
<b>Domain</b>	Agricultural and Horticultural Science		
<b>Status</b>	Registered	<b>Status date</b>	17 December 2010
<b>Planned review date</b>	31 December 2014	<b>Date version published</b>	17 December 2010

This achievement standard involves demonstrating knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate detailed knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate comprehensive knowledge of the geographic distribution of agricultural and horticultural primary 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 based on the outcomes in the *Teaching and Learning Guide for Agricultural and Horticultural Science*, Ministry of Education, 2010 at <http://seniorsecondary.tki.org.nz/>.
- Demonstrate knowledge* requires description of the geographic distribution of types of agricultural and horticultural primary production and of the factors influencing this distribution.

*Demonstrate detailed knowledge* requires explanation of the geographic distribution of types of agricultural and horticultural primary production and of the factors influencing this distribution.

*Demonstrate comprehensive knowledge* requires applying knowledge of the factors influencing geographic distribution of types of agricultural and horticultural primary production. This may involve comparing and/or contrasting specific factors influencing geographic distribution.

- 3 Factors influencing the *geographic distribution of primary production* refer to physical, climatic and market factors.
  - 4 Physical factors may include topography and soil.
  - 5 Climatic factors may include sunshine, rainfall, frost, wind and temperature.
  - 6 Market factors may include labour availability, proximity and transport to market, access to airports and/or seaports and access to processing plants.
  - 7 Types of *agricultural and horticultural primary production* may include apples, dairying, deer, fine wool, forestry, arable cropping, kiwifruit and grapes.
  - 8 Conditions of Assessment related to this achievement standard can be found at [www.tki.org.nz/e/community/ncea/conditions-assessment.php](http://www.tki.org.nz/e/community/ncea/conditions-assessment.php).
- 

### Replacement Information

This achievement standard replaced unit standard 7076.

---

### Quality Assurance

- 1 Providers and Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against achievement standards.
- 2 Accredited providers and Industry Training Organisations assessing against achievement standards must engage with the moderation system that applies to those achievement standards.

Accreditation and Moderation Action Plan (AMAP) reference

0233