

Achievement Standard

Subject Reference	Agricultural and Horticultural Science 1.4		
Title	Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand		
Level	1	Credits	3
		Assessment	Internal
Subfield	Science		
Domain	Agricultural and Horticultural Science		
Status	Registered	Status date	17 December 2010
Planned review date	31 December 2020	Date version published	20 November 2014

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"> Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand. 	<ul style="list-style-type: none"> Demonstrate detailed knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand. 	<ul style="list-style-type: none"> Demonstrate comprehensive knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand.

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 <http://ncea.tki.org.nz/Resources-for-Internally-Assessed-Achievement-Standards>.
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Replacement Information

This achievement standard replaced unit standard 7076.

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