

Achievement Standard

Subject Reference	Agricultural and Horticultural Science 1.5		
Title	Demonstrate knowledge of the impact on the environment of primary production management practices		
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 2019	Date version published	5 February 2015

This achievement standard involves demonstrating knowledge of the impact on the environment of primary production management practices.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Demonstrate knowledge of the impact on the environment of primary production management practices. 	<ul style="list-style-type: none"> Demonstrate detailed knowledge of the impact on the environment of primary production management practices. 	<ul style="list-style-type: none"> Demonstrate comprehensive knowledge of the impact on the environment of primary production management practices.

Explanatory Notes

1 This achievement standard is aligned with *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, at <http://seniorsecondary.tki.org.nz/>.

2 *Demonstrate knowledge* involves describing the impact on the environment of primary production management practices.

Demonstrate detailed knowledge involves explaining the positive and/or negative impact on the environment of primary production management practices.

Demonstrate comprehensive knowledge involves applying knowledge of the positive and/or negative impact on the environment of primary production management practices. This may involve comparing and contrasting the impact on the environment of these practices.

- 3 *Primary production management practices* must be selected from those that have positive and/or negative impacts on the environment. This means that the practices selected will include those that benefit the environment as well as those that harm the environment.
 - 4 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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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