

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 2014	Date version published	17 December 2010

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, 2010 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 www.tki.org.nz/e/community/ncea/conditions-assessment.php.
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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