

Achievement Standard

Subject Reference	Agricultural and Horticultural Science 2.4				
Title	Demonstrate understanding of how management practices influence plant growth and development in NZ commercial production				
Level	2	Credits	4	Assessment	Internal
Subfield	Science				
Domain	Agricultural and Horticultural Science				
Status	Registered	Status date	17 November 2011		
Planned review date	31 December 2020	Date version published	20 November 2014		

This achievement standard involves demonstrating understanding of how management practices influence plant growth and development in commercial production in New Zealand.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Demonstrate understanding of how management practices influence plant growth and development in commercial production in New Zealand. 	<ul style="list-style-type: none"> Demonstrate in-depth understanding of how management practices influence plant growth and development in commercial production in New Zealand. 	<ul style="list-style-type: none"> Demonstrate comprehensive understanding of how management practices influence plant growth and development in commercial production in New Zealand.

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, 2010 at <http://seniorsecondary.tki.org.nz>.
- Demonstrate understanding* involves describing how management practices influence plant growth and development in commercial plant production in New Zealand.

Demonstrate in-depth understanding involves explaining how management practices influence plant growth and development in commercial plant production in New Zealand.

Demonstrate comprehensive understanding involves evaluating how management practices influence plant growth and development in commercial plant production in New Zealand. This may involve justifying, comparing and contrasting, and analysing.

- 3 *Management practices* used in commercial plant production refer to actions taken that impact on the quantity, quality, timing, and economics of production.
 - 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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Replacement Information

This achievement standard and AS91294 replaced AS90454.

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