

FIELD SCIENCES**Review of Level 1 *Agricultural and Horticultural Science* achievement standards 90158, 90160 and 90746**

Subfield Domain	Science Id	Subject reference
Agricultural and Horticultural Science	90158, 90160	Agricultural and Horticultural Science 1.3 and 1.5
	90746	Horticultural Science 1.8

The Ministry of Education and the Secondary Assessment business unit of NZQA have completed a review of the achievement standards listed above.

New Registration date **November 2007**

Date new versions published **November 2007**

Planned review date **February 2009**

Summary of review and consultation process

This review was a part of a planned review cycle. Feedback was received from the secondary sector and from the moderation and examination systems. National consultation on the achievement standards has resulted in the proposed changes.

Main changes resulting from the review

- AS90158 – Minor rewording of Explanatory Note 1 for clarification purposes.
- AS90160 – Addition of the word ‘practices’ to the title so it is consistent with the achievement criteria. Reformatting of Explanatory Notes 2 and 3.
- AS90746 – Removal of the words ‘and conditions’ from the second achievement criterion to better reflect the grade of performance expected for achievement.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

None.

Impact of changes on [NCEA Exclusions List](#)

None.

Summary of main changes to achievement standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the achievement standards as a result of the review. All changes are in **bold**.

Key to review category

- A** Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the new version of the standard carries the same Id and a new version number
- C** Major changes that necessitate the registration of a replacement achievement standard with a new Id
- D** Achievement standard will expire and not be replaced

Subfield Science
Domain Agricultural and Horticultural Science

Id	Title	Level	Credit	Review Category
90158	Describe the properties and management of soil	1	4	B
90160	Describe the environmental impact of primary production management Describe the environmental impact of primary production management practices	1	2	B
90746	Describe plant structure, function and processes, and plant management practices	1	4	B