

## Demonstrate knowledge of the seed certification process and requirements

**Level** 3

**Credits** 3

**Purpose** People credited with this unit standard are able to demonstrate knowledge of: the seed certification process; the process for selecting a crop and paddock for growing a certified seed crop; and the requirements for application, preparation, and planting a certified crop.

**Subfield** Agriculture

**Domain** Arable Farming

**Status** Registered

**Status date** 23 April 2008

**Date version published** 23 April 2008

**Planned review date** 31 December 2012

**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

**Standard setting body (SSB)** Primary Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0052

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Special notes

- 1 Information on seed certification can be found at the Agriquality website – [http://www.agriquality.com/laboratory\\_testing/seed\\_testing.cfm](http://www.agriquality.com/laboratory_testing/seed_testing.cfm).
- 2 MAF requirements can be found at <http://www.biosecurity.govt.nz/files/regs/stds/seed-field-production-standards.pdf>.

## Elements and performance criteria

### Element 1

Demonstrate knowledge of the seed certification process.

#### Performance criteria

- 1.1 Seed certification is described in terms of the classification system requirements.
- Range seed classification, P and G certification, farm registration, paddock registration.
- 1.2 Seed certification is described in terms of the role of the Ministry of Agriculture and Forestry (MAF).
- 1.3 Seed certification is described in terms of the role of the plant breed, merchant, and grower.

### Element 2

Demonstrate knowledge of the process for selecting a crop and paddock for growing a certified seed crop.

Range at least two of – herbage, cereal, brassica, pulse.

#### Performance criteria

- 2.1 The process and criteria for selection of a crop is described in terms of MAF requirements.
- 2.2 The process for selection of a paddock is described in terms of MAF requirements.
- Range isolation, paddock history, prevalence of weed and crop contaminants.

### Element 3

Demonstrate knowledge of the requirements for application, preparation, and planting a certified crop.

#### Performance criteria

- 3.1 The application requirements for growing certified seed is described in terms of MAF requirements.
- Range timing, form completion, cost.

- 3.2 The crop monitoring requirements throughout the growing of the crop is described in terms of MAF requirements.
- 3.3 The remedy procedures if inspections show non-compliance are described in terms of MAF requirements.
- Range rogueing, weed wiping, spraying, mechanical weed control.
- 3.4 Inspection procedures are described in terms of the role of MAF.
- Range provisional inspection, final inspection.
- 3.5 The requirements for harvesting, transporting, storage, and dressing of certified seed are described in terms of MAF requirements.

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**Please note**

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.