

Demonstrate knowledge of crop establishment methods

Level 4

Credits 6

Purpose People credited with this unit standard are able to demonstrate knowledge of crop establishment methods.

Subfield Agriculture

Domain Arable Farming

Status Registered

Status date 23 April 2008

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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>.

Special notes

None.

Elements and performance criteria

Element 1

Demonstrate knowledge of the crop establishment methods.

Range direct drilling, single pass, minimum tillage (non-inversion), conventional multi pass.

Performance criteria

1.1 Crop establishment is described in terms of the factors to be considered for each method.

Range crop requirements, paddock contour, soil type and compaction status, paddock smoothness and levelness, farmer preference and expertise, weed and pest status.

1.2 Methods of crop establishment are described in terms of the advantages and disadvantages.

Range evidence is required for at least two advantages and two disadvantages.

1.3 Methods of crop establishment are described in terms of the role of the plant breeder, merchant, and grower.

Range maintenance of soil moisture, trash management, weed control, pest control, seed germination requirements.

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.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryto.ac.nz if you wish to suggest changes to the content of this unit standard.