

## Advise clients on crop production as a rural service business

**Level** 4

**Credits** 25

**Purpose** This unit standard is for people working in the rural service business sector.

People credited with this unit standard are, as retailers, able to: determine client requirements for crop production; advise on inputs required for crop husbandry; and determine the method and timing of cultivation and sowing for a crop.

**Subfield** Agriculture

**Domain** Grain, Seeds, and Crops

**Status** Registered

**Status date** 20 June 2006

**Date version published** 20 June 2006

**Planned review date** 31 December 2011

**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 This unit standard does not include field work, it is intended only for people working in a retail outlet.
- 2 *Industry standards* are defined as meeting the requirements of the following Acts, Guides, Codes of Practice, Industry Manuals, and their subsequent amendments:  
NZS 8409: 2004 *Management of Agrichemicals*;  
Hazardous Substances and New Organisms Act 1996 (HSNO);  
Health and Safety in Employment Act 1992;  
New Zealand Labelling Guide for Toxic Substances, available from <http://www.moh.govt.nz>;

Plant Variety Rights Act 1987;  
Resource Management Act 1991;  
Consumer Guarantees Act 1993.

- 3 Demonstration of competency is required for at least three clients with at least two different crop types.
- 4 Definition  
*Organisational procedures* refer to verbal and written instructions to staff on procedures for communicating with clients.

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## Elements and performance criteria

### Element 1

Determine client requirements for crop production.

#### Performance criteria

- 1.1 Client objectives are identified in terms of the purpose of the crop.
- 1.2 Options for meeting client requirements are explained to client in terms of the advantages and disadvantages.  
  
Range fodder crop, forage crop.
- 1.3 The crop identified and selected matches the information supplied by the client, and meets client objectives.

### Element 2

Advise on inputs required for crop husbandry.

#### Performance criteria

- 2.1 Crop is described in terms of the inputs required for productive growth.  
  
Range seeds, irrigation, fertiliser, insurance, equipment, machinery; chemicals – pesticide, herbicide, fungicide, growth inhibitors.
- 2.2 Inputs are described in terms of meeting the client's objectives and the information supplied.
- 2.3 Advice on inputs meets industry standards, organisational procedures, manufacturer's specifications, and matches the information provided by the client.

### **Element 3**

Determine the method and timing of cultivation and sowing for a crop.

Range conventional cultivation, broadcast, direct drilling, minimum tillage.

#### **Performance criteria**

- 3.1 Requirements of the crop are described in terms of the method and timing of cultivation and of sowing.
- 3.2 Recommendations match existing land and soil conditions and requirements for crop being sown.

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#### **Please note**

Providers must be accredited by the Qualifications Authority, 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 the Qualifications Authority 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.