
**AGRICULTURAL AND HORTICULTURAL
SCIENCE**

**Explain characteristics of primary
production and market demand**

level:	1
credit:	3
final date for comment:	December 2003
expiry date:	December 2004
sub-field:	Science
purpose:	People credited with this unit standard are able to: explain national primary production patterns; describe a primary production process; and explain the grading criteria of a primary product for a selected market.
entry information:	Open.
accreditation option:	Evaluation of documentation by NZQA.
moderation option:	A centrally established and directed national moderation system has been set up by NZQA.
special notes:	<ol style="list-style-type: none">1 A primary product is the unprocessed plant or animal crop produced by the grower from the land, without any processing to change or modify its characteristics.2 Generic distribution patterns of primary production are those found in resources such as geographical land use maps typical of school atlases, and can be for any generic agricultural or horticultural production system, eg, citrus, sub-tropical fruit, dairy, sheep.

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- 3 The explanation for the patterns of distribution can be in terms of physical factors: topography, aspect, soil type, climate; or in terms of market factors: market proximity, product quality, and labour availability.
- 4 The production process is the product pathway that the grower has influence or control over, and could include the management practices involved in growing, harvesting, grading, or distribution.
- 5 A selected market can include any point of sale, eg, gate sales, auction market, processing, export market, contract buyer.

Elements and Performance Criteria

element 1

Explain the national distribution pattern for a generic agricultural or horticultural production system.

performance criteria

- 1.1 The explanation of the pattern of the production system is in terms of factors which limit or influence its distribution.

Range: two factors.

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element 2

Describe a primary production process.

performance criteria

- 2.1 The description specifies the primary production process in terms of the sequence the product follows under the grower's influence or control.
- 2.2 The description specifies the impact of each step of the primary production process in terms of the quality of the final product.

element 3

Explain the relationship between the grading criteria of a primary product and the demand of a selected market.

performance criteria

- 3.1 The relationship between the grading criteria and the market is explained in terms of the demand of the selected market.

Comments on this unit standard

Please contact the NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register 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.

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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 providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0226 which can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.