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**FRUIT PRODUCTION**  
**Demonstrate knowledge of fruit  
production in New Zealand**

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<b>level:</b>	<b>2</b>
<b>credit:</b>	<b>5</b>
<b>planned review date:</b>	July 2009
<b>sub-field:</b>	Horticulture
<b>purpose:</b>	This unit standard is for people working, or intending to work, in any kind of fruit production. People credited with this unit standard are able to demonstrate knowledge of: commercial fruit crops grown in New Zealand; the common marketing channels for fruit crops grown in New Zealand; and an annual production cycle for a fruit crop.
<b>entry information:</b>	Open. However it is recommended that this unit standard be completed early in a training programme.
<b>accreditation option:</b>	Evaluation of documentation and visit by NZQA and industry.
<b>moderation option:</b>	A centrally established and directed national moderation system has been set up by the Primary Industry Training Organisation.
<b>special notes:</b>	None.

## **Elements and Performance Criteria**

### **element 1**

Demonstrate knowledge of commercial fruit crops grown in New Zealand.

### **performance criteria**

- 1.1 Commercial fruit crops grown in New Zealand are identified in terms of area planted and export income.

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- 1.2 Important cultivars for the main crops are listed and recognised.
- Range: includes but is not limited to three cultivars for each of – apples, kiwifruit, grapes, citrus, berryfruit.
- 1.3 Plants each crop grows on are identified by plant type.
- Range: evergreen and deciduous tree, shrub, vine, bramble, bush.

**element 2**

Demonstrate knowledge of the common marketing channels for fruit crops grown in New Zealand.

**performance criteria**

- 2.1 Marketing systems and sale options used by growers for fruit crops are explained.
- Range: any three fruit crops.
- 2.2 The Horticultural Export Authority is described in terms of its functions, crops it covers, and how it can assist crop marketing.
- 2.3 Importance of maintaining quality and phytosanitary requirements set by overseas authorities and/or fruit buyers is explained.

**element 3**

Demonstrate knowledge of an annual production cycle for a fruit crop.

**performance criteria**

- 3.1 The annual production cycle for a fruit crop is described.
- Range: pruning, pest control, weed control, thinning, irrigation, fertilising, harvesting.
- 3.2 Options for controlling pests and diseases in fruit crops are described.
- Range: integrated fruit production, organic, agrichemical.

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- 3.3 Peak times during the year for employing casual labour on an orchard are identified.

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**Comments on this unit standard**

Please contact Primary Industry Training Organisation <http://www.primaryito.ac.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.

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 0032 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.