
FRUIT PRODUCTION
Use and maintain a berry harvester

level:	4
credit:	5
planned review date:	July 2009
sub-field:	Horticulture
purpose:	This unit standard is for people working in fruit production. People credited with this unit standard are able to set up the berry harvester, harvest and transfer the crop, and clean and maintain the equipment and machinery.
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.
moderation option:	A centrally established and directed national moderation system has been set up by the Primary Industry Training Organisation.
special notes:	<ol style="list-style-type: none">1 <i>Workplace procedures</i> refer to verbal or written instructions to staff on procedures for the worksite and equipment.2 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and the Hazardous Substances and New Organisms Act 1996. Licensing requirements relevant to this unit standard include, but are not limited to, the class of driver licence appropriate to the vehicle used.3 Equipment includes mechanical berry harvesting machinery and appropriate tools.

FRUIT PRODUCTION
Use and maintain a berry harvester

Elements and Performance Criteria

element 1

Set up the berry harvester.

performance criteria

- 1.1 The area to be harvested is checked for anything that could damage the machine.
- 1.2 Pre-operational and safety checks are carried out on machinery in accordance with manufacturer's specifications and workplace procedures.
- 1.3 The machine is set up so that it operates in accordance with manufacturer's specifications and crop harvesting requirements.

element 2

Harvest and transfer the crop.

performance criteria

- 2.1 The fruit maturity is checked and confirmation is received that it is ready for harvesting.
- 2.2 The machine is adjusted to account for changes in conditions and to achieve harvest requirements.
- 2.3 Safety procedures are observed to protect self, others, plants, fruit, and machine in accordance with workplace procedures and the manufacturer's specifications.
- 2.4 Throttle settings are appropriate to the equipment, terrain, conditions, and harvest requirements.
- 2.5 The machine is checked to ensure that operation is harvest effective.

Range: harvest effectiveness includes – negligible berries left on plants, minimal damage to berries, few berries dropped to the ground, minimal damage to plants.

FRUIT PRODUCTION
Use and maintain a berry harvester

- 2.6 Berries are transferred to transport in accordance with workplace procedures.
- 2.7 Waste generated by the harvesting procedure is collected, treated, disposed of or recycled in accordance with workplace procedures.

element 3

Clean and maintain the equipment and machinery.

performance criteria

- 3.1 Equipment and machinery is cleaned and maintained in accordance with manufacturer's specifications and workplace procedures.
- 3.2 Waste generated by the cleaning procedure is collected, treated, disposed of or recycled in accordance with workplace procedures.

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>.