

Title	Use and maintain a berry harvester		
Level	4	Credits	5

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.
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Classification	Horticulture > Fruit Production
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Available grade	Achieved
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Guidance Information

- 1 *Workplace procedures* 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.

Outcomes and performance criteria

Outcome 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.

Outcome 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.
- 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.

Outcome 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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 February 1994	31 December 2022
Review	2	28 November 1997	31 December 2022
Revision	3	19 July 2001	31 December 2022
Review	4	27 July 2005	31 December 2022
Revision	5	24 February 2006	31 December 2022
Review	6	27 January 2022	31 December 2022

Consent and Moderation Requirements (CMR) reference

0032

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.