

<b>Title</b>	<b>Operate and maintain powered orchard machinery</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare; operate and monitor; and shut down and maintain powered orchard machinery.
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<b>Classification</b>	Horticulture > Fruit Production
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991; and any subsequent amendments.
- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.
- 3 Definition  
*Workplace procedures* refer to policies and procedures on safety, operation, and production set down by the employer or host organisation for the preparation, use and maintenance of orchard machinery and must be consistent with manufacturer's instructions.
- 4 Assessment must include two items of powered orchard machinery that are not tractors with an attached implement or power take off (PTO) driven attached to a tractor. Examples – hydraulic or pneumatic pruning equipment, specialised orchard equipment, picking platforms, frost fans.

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### Outcomes and performance criteria

#### Outcome 1

Prepare powered orchard machinery for use.

#### Performance criteria

- 1.1 Select machinery suitable for the task.
- 1.2 Check, service, and adjust the machine before use.

**Outcome 2**

Operate and monitor powered orchard machinery for the intended task.

**Performance criteria**

- 2.1 Identify hazards in operating orchard machinery and describe the potential risks of harm or illness to people.  
 Range evidence of five hazards is required.
- 2.2 Identify control measures to eliminate or minimise health and safety risks.
- 2.3 Operate, monitor and adjust machinery.
- 2.4 Recognise and report to supervisor machinery problems and anomalies.

**Outcome 3**

Shut down and maintain powered orchard machinery.

**Performance criteria**

- 3.1 Shut down machinery.
- 3.2 Clean, maintain and store machinery.
- 3.3 Collect, treat, and dispose of or recycle waste.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 July 2005	31 December 2021
Revision	2	24 February 2006	31 December 2021
Review	3	19 January 2017	31 December 2024
Review	4	27 January 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.