

Title	Operate and maintain orchard hand pruning equipment and ladders or stools		
Level	2	Credits	5

Purpose	This unit standard is for people working, or intending to work, in fruit production. People credited with this unit standard are able to: use hand pruning equipment, orchard ladders or stools, and maintain orchard equipment.
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Classification	Horticulture > Fruit Production
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Available grade	Achieved
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Explanatory notes

- 1 *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
- 2 Assessment must include three items of equipment: two types of hand pruning equipment, and either an orchard ladder or orchard stool.
- 3 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, and the Resource Management Act 1991.

Outcomes and evidence requirements

Outcome 1

Use hand pruning equipment.

Range two of – secateurs, loppers, saw.

Evidence requirements

- 1.1 Safety procedures are identified and used during checking and preparation in accordance with workplace procedures and manufacturer's instructions.
- 1.2 Secateur use ensures that all target shoots are cut off cleanly so they will heal readily.
- 1.3 Loppers are used to remove larger shoots in accordance with workplace procedures.
- 1.4 Pruning saws are used to remove larger branches so that there is no damage to the bark or to growths that are left in accordance with workplace procedures.

- 1.5 Wounds are either painted or left unpainted in accordance with workplace procedures.

Outcome 2

Use orchard ladders or stools safely.

Range one of – ladder or stool.

Evidence requirements

- 2.1 Ladders or stools are carried in accordance with workplace procedures so that there is no injury to people or damage to property, including trees.
- 2.2 Ladders or stools are placed so that users can work in the tree and targeted parts of the tree can be reached without falling, in accordance with workplace procedures.
- 2.3 Ladders or stools are worked from in accordance with workplace procedures, and so that there is no damage to trees or fruit, targeted tree parts are reached, and there are no falls.

Range harvesting and one of – thinning, pruning.

Outcome 3

Maintain orchard hand pruning equipment and ladders and stools.

Evidence requirements

- 3.1 Hand pruning equipment is maintained in accordance with manufacturer’s specifications and workplace procedures so that it cuts cleanly and easily.
- 3.2 Hinges are oiled on ladders, and the supervisor is informed, in accordance with workplace procedures, if metal or timber parts of ladders or stools are defective.
- 3.3 Ladders and stools are returned to a safe place when not in use to prevent damage to people and equipment.

Replacement information	<p>This unit standard replaced unit standard 12397 and unit standard 12398.</p> <p>This unit standard was replaced by unit standard 29497.</p>
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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	27 July 2005	31 December 2020
Revision	2	24 February 2006	31 December 2020
Review	3	18 August 2016	31 December 2020

Consent and Moderation Requirements (CMR) reference	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is expiring