

Title	Apply post-harvest treatments to a fruit crop		
Level	4	Credits	5

Purpose	This unit standard is for people working in fruit production. People credited with this unit standard are able to: prepare for post-harvest operations; select post-harvest treatments; and apply post-harvest treatments to a fruit crop.
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Classification	Horticulture > Fruit Production
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Available grade	Achieved
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Explanatory notes

- 1 Range
one commercial fruit crop.
- 2 *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
- 3 *Industry standards* refer to requirements laid down in fruit quality assurance documentation or standards as supplied by industry body, agent, or exporting company.
- 4 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.
- 5 Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004 *Management of Agrichemicals*, available from Standards New Zealand <http://standards.co.nz>, or the NZ Agrichemical Education Trust <http://growsafe.co.nz>.

Outcomes and evidence requirements

Outcome 1

Prepare for post-harvest operations.

Evidence requirements

- 1.1 Materials and equipment needed are selected and appropriate to the task being undertaken.

- 1.2 Precautions or techniques needed to safely and effectively handle each material are described so that Occupational Safety and Health hazards are identified and risks assessed and reported to the workplace supervisor.
- 1.3 Personal protective equipment is selected, used, and maintained in accordance with workplace procedures.
- 1.4 Timing constraints for specified treatments are stated.

Outcome 2

Select post-harvest treatments.

Evidence requirements

- 2.1 Post-harvest treatments selected comply with industry standards and workplace procedures.
- 2.2 Modes of action are described for the selected treatments in terms of reducing deterioration of the crop.

Outcome 3

Apply post-harvest treatments to a fruit crop in accordance with workplace procedures.

Evidence requirements

- 3.1 The crop is prepared for post-harvest treatment in accordance with workplace procedures.
- 3.2 Post-harvest treatment is applied using practices that are economical, methodical, meet established work schedules, and minimise damage to the crop.
- 3.3 Temperature of harvested crop is maintained during post-harvest treatment at the levels set by industry and workplace procedures.
- 3.4 Tools, equipment and machinery are cleaned and maintained in accordance with workplace procedures.

Replacement information	This unit standard and unit standards 776, 834, 12394, 19926, 19927, 19933, 19934, 19935, 21216, 21958, 22184 were replaced by unit standard 29893.
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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	1 February 1994	31 December 2020
Review	2	28 November 1997	31 December 2020
Revision	3	19 July 2001	31 December 2020
Review	4	27 July 2005	31 December 2020
Revision	5	24 February 2006	31 December 2020
Review	6	16 February 2017	31 December 2020

Consent and Moderation Requirements (CMR) reference	0052
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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