

Title	Manage pollination of 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 plan, monitor, and evaluate a pollination programme.
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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 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

Plan a pollination programme.

Evidence requirements

- 1.1 Number of hives needed is estimated and estimation is consistent with pollination requirements of the crop.
- 1.2 Negotiations with beekeeper are carried out to meet the requirements of the planned pollination.

Range	suitable sites for hives identified, beekeeper given notice when hives are wanted and if a split delivery is required.
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Outcome 2

Monitor a pollination programme.

Evidence requirements

- 2.1 Supervise placement of hives by the beekeeper to make sure it is consistent with the pollination requirements of the crop.

- 2.2 Hives are monitored and beekeeper notified if any anomaly in bee behaviour, or deaths of bees, are noticed.
- 2.3 Second delivery is ordered and placed if split delivery is specified in contract.
- 2.4 Agrichemicals are checked during pollination period for toxicity to bees and their use suspended until safe as necessary.
- 2.5 Beekeeper and neighbours with bees are notified to remove hives before injurious agrichemical sprays are used.

Outcome 3

Evaluate a pollination programme.

Evidence requirements

- 3.1 Percentage of flowers pollinated and fertilised is assessed in accordance with workplace procedures.
- 3.2 Notes are made on pollination programme for future reference.
 Range weather conditions, siting of hives, hive numbers, overall effectiveness.

Replacement information	This unit standard and unit standards 804, 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