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| Title | Supervise fruit crop harvesting | | |
| Level | 4 | Credits | 10 |

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| Purpose | This unit standard is for people working in fruit production. People credited with this unit standard are able to: prepare for crop harvesting; coordinate harvesting activities; maintain harvest requirements; monitor the crop and record details throughout harvest; and deliver crop to specified destination. |
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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.
- 3 *Equipment* may include but is not limited to tractors, trailers, fruit bins, forklift, snips, knives, gloves, bags, fruit containers, buckets, penetrometers, fractometers. It may also include team support equipment such as toilet facilities, first aid box, water, spare equipment.
- 4 *Harvesting team* may include casual or permanent employees; and may include people from a range of social, cultural and ethnic backgrounds and physical and mental abilities.
- 5 Personal protective equipment may include wet weather clothing, safety footwear, sun protection.
- 6 Basic quality harvesting, sorting and/or grading may include selecting fruit of a suitable size range and colour, and with skin free of obvious blemishes.

Outcomes and evidence requirements

Outcome 1

Prepare for crop harvesting.

Evidence requirements

- 1.1 The crop to be harvested, and the requirements and procedures to assure crop quality, are identified in accordance with workplace procedures.
- 1.2 Crop maturity is determined to meet market demands, quality assurance specifications, and workplace procedures.
- Range may include but is not limited to – crop appearance, specification charts, aids or devices including penetrometers and refractometers, and external assessments carried out by industry specialists.
- 1.3 Suitable weather conditions for picking are identified in accordance with workplace procedures.
- 1.4 Tools, equipment, and machinery are selected according to harvest requirements and workplace procedures.
- 1.5 Pre-operational safety checks are carried out on tools, equipment, and machinery in accordance with manufacturer's specifications and workplace procedures.
- 1.6 Suitable personal protective equipment, and sun protection as necessary, is selected, used, and maintained.

Outcome 2

Coordinate harvesting activities.

Evidence requirements

- 2.1 Harvesting team and work tasks are co-ordinated in a sequential, timely and effective manner.
- 2.2 Harvesting of the crop is undertaken safely in accordance with regulatory and workplace procedures.
- 2.3 Harvesting records are maintained in accordance with workplace procedures.

Outcome 3

Maintain harvest requirements.

Evidence requirements

- 3.1 Tools, equipment, and machinery are maintained in effective working order throughout the harvest to enable smooth operations and minimise down time.
- 3.2 Workplace harvesting team are provided with sufficient tools, equipment, and machinery to match harvest output and to prevent unnecessary down time.

- 3.3 Full containers or bins are removed and emptied in to or loaded on to transport vehicles as soon as possible after harvesting to minimise deterioration of the crop.

Outcome 4

Monitor the crop and record details throughout harvest.

Evidence requirements

- 4.1 Monitoring ensures harvesting procedures and the harvested crop comply with market requirements and industry quality assurance specifications.
- 4.2 Monitoring ensures the crop is handled carefully to prevent damage in accordance with workplace procedures.
- 4.3 Basic quality select harvesting, sorting, and/or grading is carried out in accordance with workplace procedures.
- 4.4 Monitoring ensures temperature of the crop is maintained at levels set by industry.
- Range may include but is not limited to – shading bins or containers.
- 4.5 The crop is transported from the orchard safely, and without damage, to storage or dispatch area.
- 4.6 Picking tallies, or harvest yields and details, are recorded in accordance with workplace procedures.

Outcome 5

Deliver crop to specified destination.

Evidence requirements

- 5.1 Delivery details including quantity, timing, and destination are confirmed in accordance with workplace procedures.
- 5.2 Delivered crop complies with workplace, and industry quality assurance specifications.
- Range minimal bruising, cuts and abrasions.
- 5.3 Delivery documentation is completed accurately in accordance with workplace procedures.

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| Replacement information | This unit standard and, unit standards 19925, 21215, 22187 were replaced by unit standard 29889. |
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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 | 16 February 2017 | 31 December 2020 |

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| 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