

# **ASSESSMENT GUIDELINES**

## **Unit 21214**

Supervise fruit crop harvesting

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Level 4, Credit 10, version 2

# Supervise fruit crop harvesting

## Unit standard 21214

Level 4, Credit 10, version 2

### Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyse and interpret information, and make an informed judgment.

### Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website [www.hortito.org.nz](http://www.hortito.org.nz)

### Special 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.

## Unit 21214: Supervise fruit crop harvesting (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<b>Element 1</b> Prepare for crop harvesting	Yes/No	<ul style="list-style-type: none"> <li>• Identify the crop to be harvested and identify the requirements and procedures that are needed to assure crop quality according to workplace procedures.</li> <li>• Determine the crop maturity needed to meet the market demands, quality assurance specifications, and workplace procedures. Crop maturity may be determined by crop appearance, specification charts, aids or devices including penetrometers and refractometers, and external assessments carried out by industry specialists.</li> <li>• Identify suitable weather conditions for picking according to workplace procedures.</li> <li>• Select suitable tools, equipment and machinery according to harvest requirements and workplace procedures.</li> <li>• Carry out pre-operational safety checks on tools, equipment and machinery according to manufacturer's specifications and workplace procedures.</li> <li>• Select, use and maintain suitable personal protective equipment and sun protection as necessary.</li> </ul>
<b>Element 2</b> Co-ordinate harvesting activities	Yes/No	<ul style="list-style-type: none"> <li>• Coordinate harvest team and work tasks in a sequential, timely and effective manner.</li> <li>• Undertake harvesting of the crop safely according to regulatory and workplace procedures.</li> <li>• Maintain harvesting records according to workplace procedures.</li> </ul>
<b>Element 3</b> Maintain harvest requirements	Yes/No	<ul style="list-style-type: none"> <li>• Maintain tools, equipment and machinery in effective working order throughout the harvest to enable smooth operations and minimise downtime.</li> <li>• Provide harvest workers with sufficient tools, equipment and machinery to match harvest output and to prevent unnecessary downtime.</li> <li>• Remove full containers/bins, empty into or load onto transport vehicles as soon as possible after harvesting to minimise deterioration of the crop.</li> </ul>
<b>Element 4</b> Monitor the crop and record details throughout harvest	Yes/No	<ul style="list-style-type: none"> <li>• Make sure harvesting procedures and the harvested crop comply with market requirements and industry quality assurance specifications.</li> <li>• Handle the crop carefully to prevent damage according to workplace procedures.</li> <li>• Carry out basic quality select harvesting, sorting, and/or grading according to workplace procedures.</li> <li>• Monitor and maintain the temperature of the crop at the levels set by industry. Temperature control may include shading bins/containers.</li> <li>• Transport the crop from the orchard safely, and without damage, to storage or dispatch area.</li> <li>• Record picking tallies or harvest yields and details according to workplace procedures.</li> </ul>
<b>Element 5</b> Deliver crop to specified destination	Yes/No	<ul style="list-style-type: none"> <li>• Confirm delivery details including quantity, timing and destination according to enterprise workplace procedures.</li> <li>• Delivered crop complies with workplace, and industry quality assurance specifications, including minimal bruising, cuts and abrasions.</li> <li>• Complete the delivery documentation accurately according to workplace procedures.</li> </ul>

\_\_\_\_\_ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 21214 (version 2)

**Signed (Assessor):** \_\_\_\_\_

WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

## Unit 21214: Supervise fruit crop harvesting (Assessor copy)

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WPA Registration Number: \_\_\_\_\_ Date: \_\_\_\_\_

Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

## **Unit 21214: Supervise fruit crop harvesting**

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*(Name of Apprentice)*

**is Competent in Unit Standard 21214** (version 2)

**Signed (Assessor):**

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WPA Registration Number: \_\_\_\_\_

Date: \_\_\_\_\_