

# **ASSESSMENT GUIDELINES**

## **Unit 22182**

Use and maintain specialist horticulture  
production and harvest equipment

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Level 4, Credit 10, version 1

# Use and maintain specialist horticulture production and harvest equipment

## Unit standard 22182

Level 4, Credit 10, Version 1

### 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, P O 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 Hazardous Substances and New Organisms Act 1996 and the Health and Safety in Employment Act 1992.
- 3 Horticulture production and harvesting equipment could include but is not limited to - belt and chain driven equipment, trailed implement, tractor driven mower, tractor mounted or trailer sprayer, seed drill, fertiliser spreader, harvest grading equipment.
- 4 A person must be 15 years or older and hold a full light motor vehicle (Class 1) licence to legally drive a tractor up to 4.5 tonne on a public road.
- 5 Evidence is required for four items of equipment.

**Unit 22182: Use and maintain specialist horticulture production and harvest equipment  
(Apprentice copy)**

<b>ELEMENT</b>	<b>Competent</b>	<b>Range of evidence an assessor should consider</b>
<b>Element 1</b> Prepare specialist horticulture equipment to meet seed, plant or harvest requirements.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Ensure equipment settings are made which meet the crop requirements and conditions. Range: may include but not limited to – lubrication, fuel, oil, water, mechanical adjustments, hazards.</li> <li>▪ Make adjustments, which maximize equipment performance, and respond to change operating conditions and requirements.</li> </ul>
<b>Element 2</b> Operate specialist horticulture equipment efficiently and safely.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Ensure procedures adopted in the operation of equipment comply with legislation and are in accordance with the manufacturer’s recommendations.</li> <li>▪ Operate equipment according to workplace procedures and crop requirements. Range: operation rates, operation techniques, equipment capability range.</li> </ul>
<b>Element 3</b> Complete routine maintenance of specialist horticulture equipment.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Complete specified maintenance activities as scheduled and as required following inspection of equipment. Range: may include but not limited to – lubrication, hydraulics, cleaning, linkages and guards to moving parts, fuel/cooling systems, movement mechanisms.</li> <li>▪ Keep a record of servicing details in a maintenance book, in accordance with workplace procedures.</li> </ul>

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

is **Competent / Not yet competent** in Unit Standard 22182. (version 1)

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

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

**Unit 22182: Use and maintain specialist horticulture production and harvest equipment  
(Assessor copy)**

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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.

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*(Name of Apprentice)*

**is Competent in Unit Standard 22182. (version 1)**

**Signed (Assessor):**

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

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