

# **ASSESSMENT GUIDELINES**

## **Unit 10955**

Demonstrate knowledge of site preparation factors,  
planting stock quality and planting practice

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Level 4, Credit 4, version 3

# Demonstrate knowledge of site preparation factors, planting stock quality and planting practice

Unit standard 10955

Level 4, Credit 4, version 3

## 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:

None.

**Unit 10955: Demonstrate knowledge of site preparation factors, planting stock quality and planting practice  
(Apprentice copy)**

<b>ELEMENT</b>	<b>Competent</b>	<b>Range of evidence an assessor should consider</b>
<b>Element 1</b> Demonstrate knowledge of site condition and site preparation factors.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Outline land clearing and cultivation practices with reference to site conditions. Range: crushing, root raking, wind rowing, ripping, mounding, spot mounding, topography, frost problems, soil type, hard pan.</li> <li>▪ Outline weed control options with reference to site conditions, species and stock type to be planted. Range: weed species, total vegetation control, partial weed control, herbicides, pre and/ or post plant weed control, topography, application methods.</li> <li>▪ Outline animal control methods with reference to the results of pre plant assessments of animal populations and planting stock type to be used. Range: shooting, trapping, poisoning, fencing, rabbits, hares, opossums, deer, goats, sheep, cattle.</li> </ul>
<b>Element 2</b> Demonstrate knowledge of planting stock quality and maintenance of that quality.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Outline the attributes of high quality planting stock with reference to their importance for establishment success. Range: health, freshness, sturdiness, root collar diameter, root system quality, root trimming quality, colour, hardiness, nutritional status.</li> <li>▪ Outline packing, transport and storage practices with reference to their importance in maintaining planting stock quality. Range: cartons, bags, wind protection, sun protection, compaction, crushing, desiccation, watering.</li> </ul>
<b>Element 3</b> Demonstrate knowledge of planting practice.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Outline planting methods for bare-root planting stock with reference to their effect on survival, growth and stability. Range: spot cultivation, positive pull up technique, slit planting, cross-notch planting, H technique.</li> <li>▪ Outline planting methods for container grown stock with reference to their effect on survival, growth and stability. Range: spot cultivation, plug positioning, firming in.</li> </ul>

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

is **Competent / Not yet competent** in Unit Standard 10955 (version 3)

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

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

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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)*

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