

# **ASSESSMENT GUIDELINES**

## **Unit 10943**

Extract, clean and store tree seeds

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Level 3, Credit 4, version 3

# Extract, clean and store tree seeds

## Unit standard 10943

Level 3, Credit 4, version 3

### Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and 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. Range: any three of the following- radiata pine, Douglas fir, one eucalypt species, one cypress species.
2. Legislation relevant to this unit standard includes, but is not limited to the Health and Safety in Employment Act 1992, and its subsequent amendments.

**Unit 10943: Extract, clean and store tree seeds  
(Apprentice copy)**

<b>ELEMENT</b>	<b>Competent</b>	<b>Range of evidence an assessor should consider</b>
<b>Element 1</b> Extract tree seed.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Adjust curing conditions to meet the requirements of each species. Range: temperature, aeration.</li> <li>▪ Adjust drying schedules to meet the requirements of each species. Range: duration, temperature, moisture regime.</li> <li>▪ Ensure extraction processes maintain seed viability. Range: de-winging technique, temperature.</li> <li>▪ Maintain seed lot identity throughout curing, drying and extraction processes.</li> <li>▪ Maintain a record detailing species and seed lot information, curing conditions, drying schedules and extraction processes.</li> </ul>
<b>Element 2</b> Clean ad store tree seeds.	<b>Yes/No</b>	<ul style="list-style-type: none"> <li>▪ Maintain seed lot identity during the cleaning process.</li> <li>▪ Clean seed to a standard of purity related to its intended use. Range: export, precision sowing, non-precision sowing.</li> <li>▪ Dry seed to a percentage moisture content that ensures maintenance of viability in storage.</li> <li>▪ Store seed in containers and under conditions that maintain seed viability. Range: container type, temperature, humidity.</li> <li>▪ Label storage containers with species and seed lot number information.</li> <li>▪ Maintain a record system detailing species and seed lot information, cleaning processes, seed drying schedules, moisture content determinations, storage conditions and position in the storage facility.</li> </ul>

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

is **Competent / Not yet competent** in Unit Standard 10943 (version 3)

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

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

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(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)*

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**Signed (Assessor):**

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

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