

ASSESSMENT GUIDELINES

Unit 10946

Prepare tree seeds for sowing in a forest nursery

Level 3, Credit 2, version 3

Prepare tree seed for sowing in a forest nursery

Unit standard 10946
Level 3, Credit 2, 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

Special notes:

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 10946: Prepare tree seed for sowing in a forest nursery (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Pre-treat tree seed.	Yes/No	<ul style="list-style-type: none"> ▪ Soak seeds in water to ensure that all seeds in a lot are completely imbibed. ▪ Stratify seeds under conditions that ensure seed dormancy is broken. Range: temperature, aeration, moisture, washing of seed. ▪ Ensure periods of stratification meet the requirements of each species and/or seed lot. Range: one cypress species, one eucalypt species. ▪ Ensure hard coated seeds are either scarified or hot water treated to ensure water uptake. Range: scarification- chipping of seed coats, abrasion of seed coats, concentrated acid of seed coats. ▪ Label seed lots with species and seed lot number throughout all pre-treatment processes and when held in stratification. ▪ Ensure the viability of unused seeds is maintained. Range: temperature, moisture.
Element 2 Prepare tree seed for sowing.	Yes/No	<ul style="list-style-type: none"> ▪ Dry seed surface under conditions that do not cause seed to start germinating. ▪ Ensure seed is prepared for machine and/or hand sowing. ▪ Maintain the viability of prepared seed. Range: temperature, moisture. ▪ Ensure prepared seed is labeled with species and seed lot information. ▪ Ensure when treating seed with seed dressings, protective clothing is worn according to manufacturer's recommended safety precautions.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 10946 (version 3)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

**Unit 10946: Prepare tree seed for sowing in a forest nursery
(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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