

ASSESSMENT GUIDELINES

Unit 10942

Identify seed trees and collect tree seed

Level 3, Credit 4, version 3

Identify seed trees and collect tree seed

Unit standard 10942

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

Special notes:

1. *Workplace procedures* mean work practice guidelines which meet the requirements of the Health & Safety in Employment Act 1992, Resource Management Act 1991, other regulatory requirements, and their subsequent amendments.
2. Definition; The term *fruit* is used for plant structures that contain seeds such as cones, capsules, berries and pods.
3. Reference; Competence in this unit standard requires knowledge of : *Approved Code of Practice for Safety and Health in Tree Work, Part 1: Arboriculture* (Wellington, New Zealand, Occupational Safety and Health Service, 1994), pp.1-99.
4. Legislation relevant to this unit standard includes but it not limited to the: Health and Safety in Employment Act, 1992 and its subsequent amendments.

**Unit 10942: Identify seed trees and collect tree seed
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Identify and locate seed tree(s)	Yes/No	<ul style="list-style-type: none"> ▪ Identify the genus and species of the seed tree according to foliage, fruit and flower characteristics. ▪ Identify and confirm the seed tree or seed stand location. Range: maps, permanent records.
Element 2 Check climbing equipment and climb the seed tree(s)	Yes/No	<ul style="list-style-type: none"> ▪ Check climbing equipment and use it in accordance with manufacturers instructions and the Approved Code of Practice for Safety and Health in Tree Work. ▪ Ensure climbing methods conform to the Approved Code of Practice for Safety and Health in Tree work.
Element 3 Collect the tree seed	Yes/No	<ul style="list-style-type: none"> ▪ Establish the presence of seed in fruit before collection. ▪ Use monitoring of fruit maturity characteristics as an early indication of optimum fruit ripeness and minimum levels of seed maturity. Range: fruit color, endosperm, embryo: one example of a conifer species, one example of a hardwood species. ▪ Collect fruit in its optimum state of ripeness. ▪ Label each bag of collected material with species and origin information. ▪ Pack collected material to maintain seed viability.

_____ *(Name of Apprentice)*

is **Competent / Not yet competent** in Unit Standard 10942 (version 3)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

**Unit 10942: Identify seed trees and collect tree seed
(Assessor copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Identify and locate seed tree(s)	Yes/No	<ul style="list-style-type: none"> ▪ Identify the genus and species of the seed tree according to foliage, fruit and flower characteristics. ▪ Identify and confirm the seed tree or seed stand location. Range: maps, permanent records.
Element 2 Check climbing equipment and climb the seed tree(s)	Yes/No	<ul style="list-style-type: none"> ▪ Check climbing equipment and use it in accordance with manufacturers instructions and the Approved Code of Practice for Safety and Health in Tree Work. ▪ Ensure climbing methods conform to the Approved Code of Practice for Safety and Health in Tree work.
Element 3 Collect the tree seed	Yes/No	<ul style="list-style-type: none"> ▪ Establish the presence of seed in fruit before collection. ▪ Use monitoring of fruit maturity characteristics as an early indication of optimum fruit ripeness and minimum levels of seed maturity. Range: fruit color, endosperm, embryo: one example of a conifer species, one example of a hardwood species. ▪ Collect fruit in its optimum state of ripeness. ▪ Label each bag of collected material with species and origin information. ▪ Pack collected material to maintain seed viability.

_____ *(Name of Apprentice)*

is **Competent / Not yet competent** in Unit Standard 10942 (version 3)

Signed (Assessor): _____

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 10942: Identify seed trees and collect tree seed

(Name of Apprentice)

is Competent in Unit Standard 10942 (version 3)

Signed (Assessor):

WPA Registration Number: _____

Date: _____