



Australian Government

FWPNSY2001 Collect tree seeds

Release: 1

FWPNSY2001 Collect tree seeds

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to collect, separate, treat and package native or non-native tree seed as part of forestry operations.

The unit applies to individuals who are involved in collecting tree seeds as part of forestry operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Nursery Production (NSY)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to collect tree seed	1.1 Determine job requirements from work order or instruction, and where required seek clarification from appropriate personnel 1.2 Confirm safety and environmental requirements, including use of personal protective equipment, for the task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	associated with seed collection operations 1.4 Identify emergency and evacuation procedures to follow in the event of an incident or accident 1.5 Consult with appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Select tools, equipment, machinery and materials for seed collection, separation, treatment and packaging and check for serviceability according to workplace procedures 1.7 Identify potential locations for collecting required seeds, and obtain approval from appropriate personnel
2. Collect and assess tree seed	2.1 Identify plant species and assess condition visually to determine healthy seeds 2.2 Select and use appropriate seed collection method, maintaining genetic diversity and preventing damage to parent plant 2.3 Place seed in clean containers and label accurately according to workplace procedures
3. Clean and store tree seed	3.1 Separate, weigh and treat seed to prevent deterioration according to species requirements 3.2 Package seed for storage using appropriate technique 3.3 Control environmental factors when packing collected seeds 3.4 Record details of seed species, weight and place of origin

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Extract information from industry guides and standard references on seed collection and treatment techniques
Writing	- Complete forms detailing results of seed collection operations - Label collected seed

Skill	Description
Oral communication	- Ask open and closed questions and use active listening techniques to clarify contents of work orders - Provide oral reports on selection of seed collection operations
Numeracy	Perform routine measurements of seed weights and quantities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPNSY2001 Collect tree seeds	FWPFGM2201 Collect seed	Reworded title Minor change to Application Statement Reworded Elements and Performance Criteria Minor update to Knowledge Evidence Updated Foundation Skills and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>