



Australian Government

FWPNSY2004 Prick out and transplant tree seedlings

Release: 1

FWPNSY2004 Prick out and transplant tree seedlings

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 prick out, transplant and pot on tree seedlings and rooted cuttings mainly for revegetation/regeneration production.

The unit applies to individuals who prick out and transplant tree seedlings in commercial and non-commercial tree production.

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 for pricking out and transplanting tree seedlings	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 pricking out and transplanting 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 and materials for pricking out and transplanting, and check for serviceability according to workplace procedures
2. Prick out tree seedlings	2.1 Extract seedlings from trays 2.2 Apply pricking out techniques that avoid damage to seedlings 2.3 Apply root positioning techniques that ensure that tap roots and lateral roots are not distorted during transfer 2.4 Apply firming-in technique that maintains root orientation 2.5 Water-in seedlings immediately after pricking out to ensure root contact with medium 2.6 Water unused seedlings to maintain plant vitality
3. Transplant and pot on tree seedlings and rooted cuttings	3.1 Trim rooted systems to a suitable length, taking into account plant size, container size and root system characteristics 3.2 Check tap roots and lateral roots to ensure they are not distorted when placing in containers or when transplanting into open beds 3.3 Firm-in after transplanting, ensuring that root systems are not distorted 3.4 Pot on transplanted pot at appropriate intervals according to species, growth rate and workplace procedures
4. Clean up	4.1 Check, clean and store tools and equipment after pricking out and transplanting operations 4.2 Reuse, recycle or dispose of waste according to workplace procedures

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 pricking out and transplanting techniques
Writing	Complete workplace forms
Oral communication	- Ask open and closed questions and use active listening techniques to clarify contents of work orders - Provide oral reports on pricking out and transplanting operations
Numeracy	Count quantity of seedlings

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPNSY2004 Prick out and transplant tree seedlings	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

Links

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