



Australian Government

Assessment Requirements for FWPNSY2004 Prick out and transplant tree seedlings

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- pricked out tree seedlings according to production requirements in a daily operation
- transplanted and potted on tree seedlings and rooted cuttings according to production requirements in a daily operation.

In undertaking this activity, the individual has:

- complied with safety and environmental requirements, including use of personal protective equipment (PPE)
- selected tools, equipment and materials for the task
- applied all required techniques in pricking out, transplanting and potting on tree seedlings and rooted cuttings
- checked, cleaned and stored tools and equipment after pricking out and transplanting operations
- reused, recycled or disposed of waste according to workplace procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- typical workplace hazards associated with pricking out and transplanting operations, and methods of minimising risks
- reasons for pricking out and using particular techniques
- reasons for transplanting and using particular techniques
- reasons for potting on
- root system quality:

- tap root distortion
- lateral root distortion
- impact of root distortion on tree stability
- pricking out tree seedling techniques:
 - extracting seedlings from trays
 - pricking out techniques
 - root positioning techniques
 - firming-in technique that maintains root orientation
 - techniques for watering-in seedlings
- transplant transfer techniques for tree species
- potting on intervals and techniques for tree species
- purpose, features and safe operation of tools and equipment used in pricking and transplanting operations
- workplace procedures specific to pricking and transplanting operations:
 - workplace health and safety, with particular emphasis on risk control and use of personal protective equipment
 - communication reporting lines.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a tree production work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tree seedlings
 - tools, equipment and materials used in pricking out and transplanting operations
 - PPE suitable for use in pricking out and transplanting operations
- specifications:
 - workplace health, safety and environmental policies and procedures applicable to pricking out and transplanting operations
 - workplace procedures for pricking out and transplanting operations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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