



Australian Government

Assessment Requirements for FWPNSY2003 Follow quality procedures in forest nursery production

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 followed forest nursery quality procedures in performing one workplace task.

In undertaking this activity, the individual has:

- visually assessed seedling quality according to workplace procedures, client requirements and industry standards
- accessed and applied workplace information on quality requirements for own work
- monitored and measured seedlings during the growing season and implemented remedial actions as required
- identified and responded to out-of-specification or unacceptable inputs and/or outputs, such as making adjustments within level of responsibility and/or reporting
- maintained quality of own work
- recorded quality data in required format according to workplace procedures
- complied with safety and environmental requirements, including use of personal protective equipment (PPE).

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:

- tree nursery quality policy, procedures and responsibilities
- tree nursery quality requirements:
 - inputs
 - seedlings
 - other outputs
 - processes
 - workplace health and safety

- environmental practices
- client requirements:
 - quality of the plant
 - delivery of the timelines
- determinants of seedling quality:
 - genetic quality of seed used in the nursery
 - physical growth of the seedling
- characteristics of quality tree seedlings:
 - healthy, vigorously growing and free of diseases
 - robust and woody single stem, free of deformities
 - stem is sturdy and has a large root collar diameter
 - crown is symmetrical and dense
 - root system that is free of deformities
 - dense root system with many fine, fibrous hairs with white root tips
 - 'balance' between shoot and root ratio
 - accustomed to short periods without water
 - accustomed to full sunlight
- techniques for visually assessing seedling quality
- sources of advice on quality requirements for own work
- methods and reasons for monitoring and measuring seedlings during the growing season
- remedial actions for responding to out-of-specification seedling
- monitoring, inspection and checking procedures relating to workplace quality requirements
- evidence of out-of-specification or unacceptable performance
- procedures for responding to out-of-specification or unacceptable performance
- responsibilities for reporting and recording quality information
- quality recording requirements.

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 forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tree seedlings
 - PPE appropriate for work task
- specifications:
 - workplace quality requirements
 - industry standards for tree seedling production

- workplace health, safety and environmental policies and procedures applicable to tree nursery 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>