



Australian Government

Assessment Requirements for FWPNSY2005 Apply tree seed treatment

Release: 1

Assessment Requirements for FWPNSY2005 Apply tree seed treatment

Modification History

Release	Comments
Release 1	This version released with 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 treated one batch of tree seeds for one of the following:

- disease control
- insect pest control
- yield enhancement.

In undertaking this activity, the individual has:

- complied with safety and environmental requirements, including use of personal protective equipment (PPE) and safe use of chemicals
- conducted pre-treatment quality checks of seed, seed treatment products and seed treatment equipment
- selected, implemented and monitored appropriate seed treatment process
- recorded production and treatment data
- maintained records of equipment calibration, maintenance and equipment faults or malfunctions and corrective actions taken
- tagged and reported faulty and/or defective equipment.

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:

- types and applications of tree seed treatments:
 - inoculants
 - herbicide safeners
 - micronutrients

- plant growth regulators
- seed coatings
- colorants
- sources of information on tree seed treatment
- reasons for using tree seed treatment:
 - pest control
 - insect pest control
 - yield enhancement
- tree species where chemical seed treatments are used
- methods for:
 - verifying quality and suitability of seed, seed treatment products and equipment
 - selecting seed treatment method
 - identifying critical control points in seed treatment process
 - monitoring seed treatment process
 - safe use, handling, storage and transport of chemicals
 - packaging, labelling, transporting and storing treated seed
- assessment of treated seed properties:
 - uniformity of treatment coating of individual seeds
 - presence and amount of treated seed dust
- environmental sustainability issues as they relate to the work task
- work health and safety requirements specific to the work task.

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:
 - a commercial quantity of tree seed for treatment
 - PPE, seed treatment equipment and seed treatment products
- specifications:
 - workplace procedures for tree seed treatment
 - workplace health, safety and environmental policies and procedures applicable to tree seed treatment.

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>