



**Australian Government**

# **FWPFGM3201 Manage seed collection**

**Release: 1**

## FWPFGM3201 Manage seed collection

### Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM3201B Manage seed collection, which was first released with FPI11 Forest and Forest Products Training Package Version 1.  This is the first release of this unit in the new standards format.

### Application

This unit of competency describes the outcomes required to plan and monitor the implementation of seed collection or sowing programs. The unit includes collection of native and non-native species.

The unit applies to those who manage seed collection in settings such as: forest environments, farms, agriculture, nurseries and local councils.

The unit applies to Forestry technician, Nursery technician, Supervisor (Forestry operations), Tree planter, Silviculturist, Arboriculture technician

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states & territories at the time of publication, and may differ according to jurisdiction.

### Pre-requisite Unit

Nil

### Unit Sector

Forest Growing and Management

### Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan seed collection	1.1 Analyse seeding and/or planting program and identify seed characteristic requirements.  1.2 Identify seed collection opportunities and determine a suitable area

	<p>for seed collection.</p> <p>1.3 Select seed collection methods and determine the quantity, cost and impacts on provenances and species.</p> <p>1.4 Identify the required approvals and seek and obtain from relevant authorities.</p> <p>1.5 Determine measurable performance indicators, specifications and targets.</p> <p>1.6 Seed collection plan, costs and performance indicators are clearly documented and communicated to appropriate personnel.</p>
2. Implement and monitor seed collection	<p>2.1 Coordinate and schedule resources required for seed collection.</p> <p>2.2 Establish and maintain communication with others to ensure safety.</p> <p>2.3 Implement the seed collection plan.</p> <p>2.4 Monitor seed collection activities to ensure compliance requirements are adhered to.</p> <p>2.5 Adjust seed collection activities to meet site conditions and communicate to appropriate personnel.</p>
3. Review seed collection	<p>3.1 Assess and evaluate data from seed collection activity to confirm techniques, methodologies and costs are in line with plan.</p> <p>3.2 Identify issues and impediments to seed collection activities and program costs.</p> <p>3.3 Prepare a cost benefit analysis and make recommendations to improve future seed collecting activity.</p> <p>3.4 Record and report seed collection activity to appropriate personnel.</p>

## Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	<ul style="list-style-type: none"> <li>calculate costs of seed collecting activity and simple cost benefit analysis</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>interact with land owners, and internal and external bodies and groups to gain approvals</li> <li>disseminate information about seed collecting activity to appropriate personnel.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>prepare a seed collecting plan and report on seed collection activity.</li> </ul>

## **Range of Conditions**

Not Applicable

## **Unit Mapping Information**

FPIFGM3201B Manage seed collection.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>