



Australian Government

AHCECR102 Support native seed collection

Release: 1

AHCECR102 Support native seed collection

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to support native seed collection across a range of landscapes and environments.

The unit applies to individuals who work under close supervision and undertake defined routine conservation activities and work in a structured context.

Legislation, regulations and by-laws relating to the collection and removal of plant materials from public and private land apply nationally and in some states, territories and jurisdictions. Users are advised to check with the local, relevant authority.

Pre-requisite Unit

Nil

Unit Sector

Ecological Restoration (ECR)

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 materials, tools and equipment for native seed collection	1.1 Interpret instructions and directions from supervisor 1.2 Identify materials, tools and equipment required 1.3 Check materials, tools and equipment, and report identified problems to supervisor 1.4 Load and unload transported materials according to workplace health and safety manual handling techniques 1.5 Select, check and use personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.6 Identify workplace health and safety hazards, and report identified hazards to supervisor
2. Support native seed collection	2.1 Undertake seed collection activities according to supervisor instructions, biosecurity and sustainable seed collection procedures and workplace health and safety procedures 2.2 Provide assistance to support the activities of others 2.3 Provide support to collect seeds 2.4 Provide assistance to separate viable seed and check seed quality 2.5 Provide assistance to weigh, label and store seeds 2.6 Record seed information according to instructions
3. Clean up on completion of seed collection work	3.1 Collect seed waste and plant materials and dispose of according to instructions 3.2 Clean, maintain and store tools and equipment 3.3 Report work outcomes to supervisor

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
Writing	Prepare labels for seed following instructions and ensuring accuracy and legibility of information
Oral communication	- Listen to work instructions and clarify both written and oral instructions as required - Report on own work to supervisor

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCECR102 Support native seed collection	AHCNAR102 Support native seed collection	Changed unit code to reflect new unit sector Minor changes to Application Changes to Performance Criteria moved some components to Knowledge Evidence Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCECR102 Support native seed collection

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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 directions from supervisor to collect, extract, weigh, label and store at least ten species of native seeds from at least three of the following types of plants or plant environments:

- grasses and sedges
- herbaceous plants
- woody shrubs below four metres high
- trees above four metres high
- freshwater aquatic plants
- marine plants
- marshland or intertidal plants.

There must also be evidence that the individual has:

- applied safe work practices while collecting seed
- provided seed collecting support
- prepared, used and cleaned tools and equipment used during seed collection
- conducted seed collection work and maintained biosecurity and sustainable seed collection practices specified in instructions.

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:

- laws governing seed collecting from public and private land, including:
 - basics of commonwealth, state or territory laws
 - licensing requirements
- basic ecological principles for seed collection related to work instruction, including:
 - recognising plants and range of seed species required for collection

- recognition of broad ecological systems for locating seed collection target species
- range of processes for collecting, treating and storing seed, including:
 - recognising mature seed ready for collection
 - identifying seed and where to locate it on plants
 - methods to separate viable seed from waste materials
 - recognising common seed disorders that affect the health and viability of seed
 - labelling seed and the need for accuracy and completeness in documentation
 - seed treatments and storage requirements for seed species collected
- organisational and site standards, requirements, policies and procedures for collecting seed, including:
 - collecting seed sustainably, minimising seed collection impact on the environment
 - collecting seed hygienically using biosecurity principles to prevent the spread of pests and disease
- seed collecting resources and equipment, including:
 - safe use and operation
 - basic maintenance
 - cleaning and storing
- recording and reporting requirements
- workplace health and safety requirements, including:
 - safety and environmental hazards and controls associated with the collection, treatment and storage of seed
 - personal protective equipment.

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 the field while collecting native seed from a range of plants as specified in the Performance Evidence
- resources, equipment and materials:
 - seed collecting tools and equipment specific to the seed type and location
 - items of personal protective equipment relevant to the seed collection site, including sun protection
- specifications:
 - • workplace instructions with seed collection specifications
- relationships:
 - supervisor.

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

Links

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