Modification history

|  |  |
| --- | --- |
| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCECR102 | Support native seed collection |
| --- | --- |
| 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. |
| Prerequisite Unit | Nil |
| Unit Sector | Ecological Restoration (ECR) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare materials, tools and equipment for native seed collection | 1.1 Interpret instructions and directions from supervisor1.2 Identify materials, tools and equipment required1.3 Checks materials, tools and equipment and report identified problems to supervisor1.4 Load and unload transported materials according to workplace health and safety manual handling techniques1.5 Select and check and use personal protective equipment1.6 Identify work 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 and work health and safety procedures2.2 Provide assistance to support the activities of others 2.3 Provide support to collect seeds2.4 Provide assistance to separate viable seed and check seed quality2.5 Provide assistance to weigh, label and store seeds2.7 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 according to instructions3.2 Clean, maintain and store tools and equipment3.3 Report work outcomes to supervisor |

| Foundation SkillsThis 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 |
| Reading | * Interpret written instructions for personally relevant information on seed collection activities and seek advice and clarification from supervisor when unclear
 |
| Writing | * Prepare labels for seed following instructions ensuring accuracy and legibility of information
 |
| Oral communication  | * Present and listen to basic oral information in short and simple spoken contexts when receiving instructions and reporting to supervisor
 |

|  |
| --- |
| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCECR102 Support native seed collectionRelease 2 | AHCNAR102 Support native seed collectionRelease 1 | Change to Code and Unit Sector Minor changes to Application.Changes to Performance Criteria moved some components to Knowledge EvidenceUpdated Performance Evidence, Knowledge Evidence and Assessment Conditions | Equivalent unit |

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

| TITLE | Assessment requirements for AHCECR102 Support native seed collection |
| --- | --- |
| 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 10 species of native seeds from at least 3 of the following types of plants or plant environments:* grasses and sedges
* herbaceous plants
* woody shrubs below 4 meters high
* trees above 4 meters 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 skills 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
* use of items of personal protective equipment relevant to the seed collection site including sun protection
* specifications:
* use of 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 | Companion Volumes, including Implementation Guides, are available at VETNet:https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |