



Australian Government

AHCPER202 Harvest, treat and store seed

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to harvest, treat and store seed.

All work is carried out to comply with workplace requirements.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Permaculture (PER)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for harvesting of seed	1.1 Discuss work requirements with supervisor and seek clarification where necessary 1.2 Clean seed harvesting and handling equipment and transport to seed collecting site 1.3 Determine seed that is to be collected 1.4 Prepare locations for treatment and storage of seed
2. Harvest seed	2.1 Collect seed using selected method complying with any

Element	Performance criteria
	conditions of permit or agreements with land holders, if applicable 2.2 Protect the health of parent plants during seed collection, if required 2.3 Place seed in clean containers and label
3. Treat and store seed	3.1 Separate seeds from other materials using available separation methods 3.2 Treat seeds, if required, according to harvesting plan 3.3 Record all appropriate data regarding collected seed on the seed container according to the harvesting plan 3.4 Pack and store seeds

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

New unit - equivalent to QLD842RES02B.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHC PER202 Harvest, treat and store seed

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- prepare to harvest seed
- harvest seed
- treat and store seed

Knowledge Evidence

The candidate must demonstrate knowledge of:

- seed harvesting techniques
- characteristics of mature healthy seed
- diseases and pests likely to affect the seed
- the following types of seed extraction:
 - hand selection
 - winnowing
 - sieving
 - vibration
 - flotation and fermentation
 - drying
 - heat-assisted dehiscing
 - crumbling of husks
- the following permaculture practices relating to seed harvesting and storage:
 - appropriate containers including re-used jars, boxes and packets
 - cool, dry location
 - freezer or refrigerator
 - pest deterrent mechanisms

- light exclusion mechanisms
- non-chemical protection against pathogens
- the following data included in seed saving:
 - genus, species, family, variety and cultivar information
 - provenance – where the seed came from
 - weight or number
 - date collected
 - place collected
 - collector
 - cultural advice or growing conditions
 - seed pre-treatment advice
 - longevity information
 - growing-out trial information
 - storage location information or record locator

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture to assess this unit of competency and/or have completed a Permaculture Design Course (PDC) and/or have completed the Permaculture Demonstrator Skill Set.

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