



Australian Government

AHCBAC416 Save, prepare and store agricultural seed

Release: 1

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Modification History

| Release | Comments |
|-----------|---|
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0. |

Application

This unit of competency describes the skills and knowledge required to determine the seed to be saved, save seed from harvest, and prepare and store agricultural seed for sowing or sale.

The unit applies to individuals who take responsibility for own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.

Licensing or certification for the use of fumigants and poison baits is strictly controlled in Australian states and territories. Users must check with their relevant regulatory authority before use.

Pre-requisite Unit

Nil

Unit Sector

Broad Acre Cropping (BAC)

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. Select seed from agricultural crops | 1.1 Calculate the quantity of seed required for future season's crops 1.2 Calculate the area of crop needed to produce the required quantity of seed 1.3 Select a portion of current crop to be used as future crop seed 1.4 Check and record the soil type in selected portion of crop 1.5 Identify equipment to be used in seed movement, testing and |

| Elements | Performance Criteria |
|--|--|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| | <p>storage</p> <p>1.6 Implement measures to improve seed and plant health, vigour and uniformity within the selected area</p> <p>1.7 Identify treatments required for crop and subsequent detrimental environmental impact</p> <p>1.8 Implement workplace health, safety and biosecurity policies and procedures</p> |
| 2. Evaluate and grade seed | <p>2.1 Assess grain variety for its location, soil, and current workplace marketing requirements' suitability following harvest</p> <p>2.2 Research information regarding new varieties or trial results for input into management decision-making</p> <p>2.3 Grade the seed to the required size</p> <p>2.4 Apply fungicidal and insecticidal dressings to the seed according to workplace procedures</p> <p>2.5 Collect, prepare and forward test samples according to laboratory procedures and industry standards</p> <p>2.6 Collect and maintain records, and report outcomes according to workplace procedures</p> |
| 3 Store seed | <p>3.1 Select and prepare facilities for hygienic storage of seed</p> <p>3.2 Transfer seed to storage facility according to workplace and biosecurity procedures</p> <p>3.3 Ensure seed is stored under conditions that maintain quality, viability and purity</p> <p>3.4 Check seed in long-term storage for quality factors and viability according to schedule specified in seed storage program</p> <p>3.5 Collect, prepare and forward seed samples for laboratory testing and analysis according to laboratory and sampling procedures</p> <p>3.6 Create and maintain records of seed storage, tests and inspections according to seed storage program</p> <p>3.7 Monitor condition of storage facilities using schedule and methods specified in seed storage program</p> <p>3.8 Implement corrective action to maintain seed quality and biosecurity</p> |
| 4. Collect and deliver | 4.1 Collect or deliver seed according to agreed terms and conditions |

| Elements | Performance Criteria |
|--|---|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| seed | and biosecurity procedures 4.2 Ensure seed sold or purchased conforms to local State and Federal legislative and regulatory requirements |

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 |
|---------|--|
| Reading | <ul style="list-style-type: none"> Analyse seed variety trial results, journals, documentation and digital media to identify new seed varieties suitable for future crops |
| Writing | <ul style="list-style-type: none"> Create, develop and maintain accurate records for seed selection, preparation and storage |

Unit Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---|---|--|--------------------|
| AHCBAC416 Save, prepare and store agricultural seed | AHCBAC407 Save, prepare and store agricultural seed | <p>Edited Application for clarity</p> <p>Minor changes and consolidation of Performance Criteria for clarity</p> <p>Foundation Skills refined</p> <p>Performance Evidence and Knowledge Evidence clarified</p> <p>Amended structure of Assessment Conditions</p> | Equivalent |

Links

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