



Australian Government

AHCBAC201 Assist agricultural crop establishment

Release: 1

AHCBA201 Assist agricultural crop establishment

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to assist others to prepare for agricultural crop establishment.

All work must be carried out to comply with workplace procedures, work health and safety and biosecurity legislation and codes, and sustainability practices.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for 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

Broad acre cropping (BAC)

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 agricultural crop establishment operations	1.1 Follow supervisor instructions about planting 1.2 Select and prepare appropriate machinery, equipment and tools 1.3 Identify work health and safety hazards in crop establishment and report to supervisor 1.4 Select, use and maintain suitable personal protective equipment
2. Prepare the site for	2.1 Remove and dispose of old crop and other waste materials

Element	Performance criteria
crop establishment	appropriately 2.2 Apply appropriate soil amendments as directed by supervisor 2.3 Follow the crop production plan as directed by supervisor 2.4 Implement crop protection as directed by supervisor 2.5 Mark out the planting pattern as required by the crop production plan 2.6 Operate machinery, equipment and tools appropriately
3. Carry out establishment operations	3.1 Follow instructions to treat planting material 3.2 Handle and transport planting material 3.3 Follow the planting plan
4. Complete establishment operation	4.1 Clean and sterilise tools and equipment appropriately 4.2 Dispose of all containers, leftover fluids, waste and debris according to enterprise policies and minimising the impact on the environment 4.3 Complete all required workplace records appropriately 4.4 Apply enterprise biosecurity policies

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCBA201A Assist agricultural crop establishment.

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 AHCBC201 Assist agricultural crop establishment

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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:

- communicate with supervisor and team members
- carry out ground preparation of the area for planting
- read and follow planting plan
- apply pre-planting soil treatments
- calibrate the planting equipment
- treat and plant seed
- apply fertiliser with seed at sowing or as a separate operation
- apply herbicides under supervision
- record all details of sowing
- operate a range of crop establishment machinery
- follow enterprise work health and safety policies in the context of own work
- follow enterprise biosecurity policies in the context of own work.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- importance of correct timing and procedures for crop planting
- field hygiene and quality control in regard to crop establishment
- a range of pre-planting soil treatments and their importance
- methods of waste disposal causing minimal impact on the environment
- hazards and follow safety directions
- communication with team members and supervisor
- equipment calibration
- measurement of quantities of treatment
- determination of spacing's and planting patterns

- machinery operation to manufacturers specifications and enterprise procedures
- safe application of appropriate agricultural chemicals
- enterprise work health and safety and biosecurity policies.

Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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