



Australian Government

AHCBAC315 Establish agricultural crops

Release: 1

AHCBA315 Establish agricultural crops

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 prepare and safely operate equipment and sow/plant an agricultural crop following specifications in a crop production plan.

The unit applies to individuals who work under broad direction and take responsibility for own work including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources and complete routine activities.

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

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. Prepare for agricultural crop establishment	1.1 Confirm crop establishment requirements with crop production plan 1.2 Ensure soil and weather conditions are within planned sowing/planting parameters 1.3 Confirm soil test results and identified soil amendment requirements 1.4 Confirm pests, weeds and disease treatments specified in crop

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	production plan 1.5 Identify implication of sowing/planting operations on environment, assess risk and implement controls according to workplace environmental procedures 1.6 Confirm personal protective equipment (PPE) required and utilise 1.7 Prepare and implement contingency plans for unsuitable weather conditions
2. Prepare machinery and equipment or technology and sow/plant crop	2.1 Prepare machinery and equipment or technology according to crop production plan and biosecurity procedures 2.2 Attach and calibrate equipment according to crop production specifications and operator instructions 2.3 Identify work health and safety hazards, assess risk and implement controls according to workplace procedures 2.4 Operate seeding/planting machinery efficiently according to crop production plan
3. Complete seeding operations	3.1 Maintain seeding/planting records according to workplace procedures 3.2 Clean, check, and store machinery and equipment or technology according to manufacturer specifications, biosecurity and workplace procedures 3.3 Report machinery and equipment or technology faults according to workplace procedures

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	- Interpret plans and strategies for crop establishment - Interpret manufacturer specifications, work and maintenance plans, and safety data
Numeracy	Calculate rates of application of seed, treatments and fertilisers,

Skill	Description
	and calibrate equipment and machinery to deliver specified rates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBC315 Establish agricultural crops	AHCBC306 Establish agricultural crops	Edited Application for clarity Amalgamation, editing and changes to sequencing of Elements and Performance Criteria Foundation Skills refined Performance Evidence and Knowledge Evidence clarified and terminology updated Amended structure of 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>