



Australian Government

AHCBAC306 Establish agricultural crops

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 establish agricultural crops.

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

Operating machinery carries risk and candidates should observe all enterprise and manufacturer's requirements.

This 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 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 machinery and equipment for use	1.1 Select and prepare appropriate machinery and equipment for the work plan 1.2 Attached and calibrate equipment appropriately 1.3 Identify work health and safety hazards in crop establishment,

Element	Performance criteria
	assess risks and implement controls in line with enterprise policies
2. Prepare for agricultural crop establishment	2.1 Monitor soil and weather conditions 2.2 Follow soil conservation and sustainable land management practices and procedures 2.3 Confirm soil test results and identify appropriate soil amendments 2.4 Confirm seeding, fertiliser, and pest and weed control requirements against the work plan and prepare appropriately 2.5 Prepare contingency plans for unusual seasonal conditions
3. Sow the crop	3.1 Implement work health and safety controls for crop establishment 3.2 Follow the work plan to conduct seeding and fertiliser applications 3.3 Apply technology to ensure most efficient performance of operations 3.4 Coordinate pest and weed control treatment with seeding and fertiliser applications as required 3.5 Identify environmental implications associated with sowing operations, assess impacts and implement appropriate procedures
4. Complete seeding operations	4.1 Maintain seeding, machinery and equipment operation records appropriately 4.2 Report machinery and equipment damage, malfunctions or irregular performance appropriately 4.3 Clean, secure and store machinery and equipment in line with manufacturer specifications and enterprise requirements 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 AHCBC306A Establish agricultural crops

Links

Companion Volume implementation guides are found in VETNet -

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