



Australian Government

AHCBAC412 Supervise agricultural crop establishment

Release: 1

AHCBA412 Supervise agricultural crop establishment

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 supervise agricultural crop establishment, including planning and scheduling seeding/planting based on the crop production plan.

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.

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. Source and assess information for input to crop establishment program	1.1 Obtain and review crop production plan and related documentation 1.2 Assess competing demands on human and physical resources affecting crop establishment 1.3 Assess the role of technology in improving efficiencies 1.4 Determine specific target area, or paddock, for crop from crop production plan

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Review historical records of target area for potential impact on crop establishment program 1.6 Access and evaluate soil test and results to determine soil treatments for crop 1.7 Assess and account for rubbish levels and crop growing conditions
2. Prepare crop establishment program	2.1 Identify the crop and method of establishment from crop production plan 2.2 Assess and calculate the resources required for crop establishment operations 2.3 Set target dates and sequencing for crop establishment according to crop production plan 2.4 Select and organise treatments according to crop production plan 2.5 Identify health and safety hazards, assess risk and develop controls procedures 2.6 Identify and obtain approvals for planting operations from key stakeholders 2.7 Document measurable performance indicators, specifications and targets, for crop establishment according to workplace and industry standards
3. Determine scheduling and key responsibilities	3.1 Determine planting schedule from identified target dates and sequencing 3.2 Determine work team responsibilities for specific tasks and actions 3.3 Develop record keeping and reporting procedures for crop establishment key performance indicators 3.4 Document crop establishment program according to workplace procedures
4. Monitor and adjust the crop establishment program	4.1 Communicate work procedures and performance outcomes to work team and contractors 4.2 Monitor implementation of crop establishment against key performance indicators 4.3 Monitor work team performance against health, safety and environmental procedures 4.4 Monitor compliance with record keeping and reporting procedures 4.5 Review and reconcile crop establishment records and reports

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	against key performance indicators 4.6 Implement corrective action for non-compliance with key performance indicators

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	Identify, collate and analyse documentation for crop and its establishment for a defined site and purpose
Writing	Develop and document plans and procedures for work team using clear and easily understood language in order to convey explicit information, requirements, recommendations and performance targets
Oral Communication	Use collaborative and inclusive language and techniques including active listening, questioning and reading of verbal and non-verbal signals to convey and clarify procedural information, confirm work team understanding and compliance with specified procedures
Numeracy	Use formula and numerical information to determine timing of crop and establish work schedules

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBA412 Supervise agricultural crop establishment	AHCBA403 Supervise agricultural crop establishment	Edited Application for clarity Minor changes to Performance Criteria for clarity	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		Foundation Skills refined Performance Evidence and Knowledge Evidence clarified and terminology updated Amended structure of Assessment Conditions	

Links

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