



Australian Government

AHCBAC402 Plan a pasture establishment program

Release: 1

AHCBA402 Plan a pasture establishment program

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan a pasture establishment program.

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 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 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. Determine requirements of the pasture establishment program	1.1 Assess existing pasture for retention or removal 1.2 Identify appropriate pasture species and cultivars that are best suited to soil, climate, seasonal conditions and livestock goals and calculate, cost and confirm availability with suppliers 1.3 Select appropriate pasture establishment procedures that are consistent with seasonal factors, site and soil characteristics, production plans and the resources and equipment available

Element	Performance criteria
	1.4 Assess technology to ensure most efficient performance of operations 1.5 Plan post-planting care according to production needs, enterprise standards and site capabilities. 1.6 Identify and plan for plant germination and nutrient requirements, taking into account soil characteristics 1.7 Identify, cost and confirm availability of resources, tools, equipment and machinery required for planting and post-planting care with suppliers, contractors and appropriate personnel 1.8 Identify work health and safety hazards associated with the pasture establishment program, assess risks and develop appropriate controls
Prepare and document the pasture establishment program	2.1 Prepare detailed plans based on the requirements of the pasture establishment program and production requirements 2.2 Produce plan which can be readily interpreted and understood by on-site personnel appropriately 2.3 Develop on-site planting procedures and schedules and post-planting care of pasture and communicate to staff 2.4 Plan for contingencies and identify applicable alternative strategies

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 AHCBA402A Plan a pasture establishment program.

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 AHCBA402 Plan a pasture establishment program

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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:

- determine requirements of the pasture establishment program
- research suitable pasture species for the site and proposed land use
- prepare and document the pasture establishment program
- develop strategies for weed, pest and disease control
- assess pastures for production potential
- assess site factors
- select suitable pasture species and cultivars
- identify threats to pasture establishment including weeds, pests and diseases
- determine resources and equipment for planting and post-planting care
- prepare pasture establishment plans to meet livestock production plans and schedules
- demonstrate correct use of technology to improve efficiency
- implement enterprise work health and safety policies in the context of the work team
- implement sustainability practices in the context of the work team.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- pasture varieties and their characteristics, requirements and production potential
- establishment techniques of specific pasture species and cultivars
- advantages and disadvantages of a range of pasture establishment procedures
- maintenance requirements and practices for specific pasture species and cultivars after initial establishment
- livestock production systems and their integration with pasture production
- planning process, including costing and scheduling of works
- plant identification of pasture and weed species

- role of pasture in sustainable land use
- role of technology in improving efficiency
- environmental impacts of pasture establishment.

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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