



Australian Government

AHCBAC311 Conserve forage

Release: 1

AHCBAC311 Conserve forage

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 paddocks and storage facilities for forage conservation. It includes processing and harvesting forage crops and placing them into storage. The process also includes managing risks associated with forage conservation activities.

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 forage conservation	1.1 Confirm forage conservation options from production plan 1.2 Identify risk factors for spoilage in forage conservation 1.3 Confirm paddock conditions for suitable forage production 1.4 Prepare machinery and equipment or technology for forage production according to production plans and biosecurity procedures

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 Ensure clear access to paddocks for harvesting and transport machinery 1.6 Prepare storage facility for selected forage conservation method 1.7 Identify work health and safety hazards, assess risks and implement controls according to workplace health and safety policies, including selection of personal protective equipment
2. Prepare paddocks for forage conservation	2.1 Close paddock to stock access according to production plan 2.2 Report growth stage of crop for harvest to supervisor 2.3 Monitor paddock for pest control and biosecurity for threats to forage bulk and quality
3. Make forage	3.1 Implement work health and safety procedures for forage conservation 3.2 Monitor weather conditions affecting forage harvest 3.3 Identify and assess moisture content of forage material 3.4 Mow, condition, tedder and rake swaths according to weather conditions and forage drying targets
4. Harvest and store forage	4.1 Select and use forage harvest equipment efficiently according to production plan 4.2 Monitor harvest equipment for mechanical performance and resolve, repair or report wear or damage according to workplace procedures 4.3 Prepare forage for storage according to forage storage and production plan 4.4 Load and transport forage safely to forage storage site according to storage plan 4.5 Place forage into storage facility to minimise spoilage and potential fire risk 4.6 Collect samples and perform quality tests of stored forage according to workplace procedures
5. Complete operations	5.1 Complete records according to workplace procedures 5.2 Dispose of waste and debris according to workplace and environmental procedures 5.3 Clean and maintain machinery and ancillary equipment according

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to manufacturer instructions 5.4 Inspect stored forage facilities for environmental impact and report to supervisor according to workplace and environmental 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 procedures for forage crop conservation. - Interpret manufacturer specifications, work and maintenance programs, and safety data sheets (SDS) relevant to forage crop conservation
Oral Communication	Reporting to supervisor on crop growth stages
Numeracy	Use and recognise the numerical relationships for adjustments and settings on harvesting and handling equipment and their effective operation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBAC311 Conserve forage	AHCBAC301 Conserve forage	Edited Application for clarity Split Element 3 to create new Element for clarity Consolidated and re-sequenced Performance Criteria for clarity Added requirement to sample and test stored	Not equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		forage PC 4.6 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>