



Australian Government

Assessment Requirements for AHCBAC311 Conserve forage

Release: 1

Assessment Requirements for 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.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has prepared at least two of the following forms of forage:

- hay
- wilted silage (baleage or haylage)
- bulk chopped silage
- green chop

There must also be evidence that the individual has:

- interpreted and implemented a forage conservation production plan
- prepared paddocks for forage conservation
- prepared forage for harvest, prepared storage facilities and stored forage according to production plan
- maintained records according to workplace procedures
- prepared, operated and maintained forage preparation and harvesting equipment or technology
- assessed workplace health and safety risks and implemented controls according to workplace health and safety policies
- selected and used personal protective equipment
- harvested forage efficiently according to production plan
- followed workplace biosecurity and environmental policies and procedures
- completed records.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- types of forage systems and methods including:
 - hay, wilted silage (baleage haylage), bulk chopped silage, green chop

- factors affecting the quality of forage
- dry matter content and testing
- hygiene and biosecurity requirements
- manufacturer specifications
- forage production equipment and machinery, including:
 - range and functions of silage and haymaking machinery and equipment
 - operation and safety
 - preparation for use
 - cleaning and biosecurity
 - licensing requirements on public land
- common weeds, pests and diseases associated with crops and pastures
- principles of precision agriculture and the role of technology in improving efficiencies, including:
 - self-drive, auto steer, global navigation satellite systems (GNSS) and laser technologies
 - controlled traffic farming (CTF) principles and impacts
 - variable rate technology (VRT)
- workplace health and safety risks associated with conservation of forage, including:
 - types and application of personal protective equipment (PPE)
 - impact of moisture on combustion and fires in hay stacks
 - fire/explosion from dust in enclosed spaces
 - potential contact with overhead power lines
 - personal exposure to noise and dust and the need for PPE
 - animal health factors
 - working at heights and in confined spaces with storage bins
- potential risks of forage conservation on the environment
- record keeping systems for forage conservation.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a broadacre farm with paddocks of forage or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - forage plants ready for preparation and harvesting
 - tools, equipment or technology and machinery
 - personal protective equipment (PPE)
- relationships:
 - supervisor

- specifications:
 - workplace policies, procedures, processes for forage conservation
 - manufacturer operating instructions for tools, machinery and equipment or technology
 - • use of forage specifications
- timeframes:
 - within a time period required to preserve forage quality.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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