



Australian Government

Assessment Requirements for AHCBAC318 Maintain pastures and crops for livestock production

Release: 1

Assessment Requirements for AHC BAC318 Maintain pastures and crops for livestock production

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Release 11.0.

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 maintained pastures and crops for livestock production on at least one occasion, and has:

- applied relevant workplace health and safety and environment and biosecurity legislation, regulations and workplace procedures
- recognised and reported workplace health and safety hazards and used safe work practices
- detected and reported differences and variations in pasture and crop growth to the supervisor or farm owner
- observed and reported on health, nutrition and growth of the pasture and crop
- monitored pests and disease in pastures and crops
- assessed pastures and crop maturity
- applied sprays and fertilizers as directed
- measured soil moisture and related data to crop requirements
- applied technology to ensure most efficient performance of operations
- monitored the productivity and feed intake of grazing livestock
- assessed the impact of grazing on pasture and crop productivity.

Knowledge Evidence

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

- workplace requirements applicable to health and safety in the workplace for maintaining pastures and crops for livestock production, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to maintaining pastures and crops for livestock production
- principles and practices for maintaining pastures and crops for livestock production, including:

- potential hazards associated with the operation of basic tools, equipment and machinery
- general machine maintenance procedures
- machinery operating principles and safe operating methods
- role of technology in improving efficiency
- environmental impacts associated with the operation of machinery and equipment
- organisation recording and reporting procedures
- symptoms of pastures and crops lacking health and vigour
- signs of pest and disease infestation, moisture stress and nutrient deficiencies
- hygiene requirements for equipment that comes into contact with the pastures and crops
- types and uses of herbicides, insecticides and other pesticides and alternative non-chemical pest control methods
- different livestock grazing habits.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - work instructions and workplace procedures applicable to maintaining pastures and crops for livestock production
 - tools, equipment and materials applicable to maintaining pastures and crops for livestock production
 - PPE applicable to maintaining pastures and crops for livestock production
- specifications:
 - workplace requirements applicable to health and safety in the workplace for maintaining pastures and crops for livestock production
 - environment and biosecurity legislation and regulations and workplace practices applicable to maintaining pastures and crops for livestock production
 - industry standards, legislation and codes of practice and procedures for maintaining pastures and crops for livestock production
- relationships:
 - supervisor or farm owner
- time frames:
 - according to job requirements.

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>