

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

AHCTRF303	Implement a grassed area maintenance program
Application	<p>This unit of competency describes the skills and knowledge required to maintain general turf grass situations involving the general procedures for cutting and trimming grass, dethatching older grassed areas, applying fertilisers and treatments for managing grass health.</p> <p>The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Turf (TRF)

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 grassed area maintenance work	1.1 Clarify requirements for maintenance program with supervisor 1.2 Identify permanent and temporary obstacles on grassed area and manage according to maintenance program 1.3 Identify work health and safety, and environmental hazards and assess risks and implement controls according to workplace procedures 1.4 Identify and select equipment and resources according to the maintenance program 1.5 Identify priorities and schedule maintenance activities with work team according to maintenance plan 1.6 Ensure work follows safety procedures according to workplace and manufacturer instructions
2. Prepare equipment and machinery required for grassed area maintenance work	2.1 Select and check tools, equipment and machinery and rectify, report or remove from service faulty equipment according to workplace procedures 2.2 Adjust and calibrate equipment according maintenance program and manufacturer instructions 2.3 Conduct pre-operational checks of tools, equipment and machinery according to manufacturer instructions and workplace procedures 2.4 Select, check, use and maintain personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Implement grassed area maintenance activities	3.1 Monitor work maintenance activities on site according to maintenance plan 3.2 Assess site specific safety hazards and implement controls according to workplace safety procedures 3.3 Implement start up procedures for machinery according to operator instructions 3.4 Operate machinery and equipment on grassed area according to maintenance plan, operator instructions and workplace procedures 3.5 Implement shut down procedures for machinery according to operator instructions 3.6 Check and repair minor damage to irrigation system caused by maintenance activities 3.7 Clean and store equipment and dispose of waste materials according to workplace and environmental procedures
4. Finalise grassed area maintenance activities	4.1 Reconcile performance of work maintenance activities against maintenance plan 4.2 Identify discrepancies in performance and recommend corrective action 4.3 Discuss recommendations with supervisor and modify maintenance plan and schedules according to procedures 4.4 Record and report grassed area maintenance activities according to workplace procedures

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret maintenance plans and operator instructions and consolidates the information for scheduling and operational requirements
Writing	<ul style="list-style-type: none"> Accurately record and update maintenance plans and schedules using clear language and correct spelling, grammar and industry terminology
Numeracy	<ul style="list-style-type: none"> Make calculations appropriate for measuring rates of application and materials for repairs and for adjustments and settings on equipment Understands values of time when scheduling tasks

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCTRF303 Implement a grassed area maintenance program	AHCTRF303 Implement a grassed area maintenance program	Redesigned unit. Modified Elements and Performance Criteria to reflect current industry practice.	Equivalent unit

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

TITLE	Assessment requirements for AHCTRF303 Implement a grassed area maintenance program
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has, on at least one occasion, demonstrated the ability to implement a grassed area maintenance program ensuring they have:</p> <ul style="list-style-type: none"> clarified the maintenance requirements for a grassed area with supervisor conducted a risk assessment and implemented controls for a grassed area maintenance work identified fixed and temporary obstacles and implemented procedures to avoid damage to obstacles identified and selected equipment and resources required for the maintenance activities prioritised and scheduled maintenance activities with work team ensured workplace safety practices were implemented for all grassed area maintenance works selected, checked and used personal safety equipment selected, checked and adjusted equipment and machinery according to workplace and manufacturer instructions operated equipment and machinery safely to maintain at least 100 square meters of grassed area individuals must perform the following tasks: <ul style="list-style-type: none"> used mowers and trimmers to cut grass to a specified height used coring or scarifying equipment to manage thatch used mechanical spreader to apply fertilisers or amendments at a specified rate used manual methods to control broadleaved and grass weeds used manual or mechanical equipment to apply liquid treatments to control weeds at a specified rate followed operating procedures to start-up, operate and shut-down all machinery and equipment used checked and repaired irrigation system damage. Individuals must demonstrate the following repairs: <ul style="list-style-type: none"> removed and replaced damaged sprinkler heads adjusted the direction and alignment of sprinkler heads repaired at least one below ground pipe breakage reviewed grassed area maintenance activities and recommended changes to the maintenance plan with supervisor recorded and reported grassed area maintenance activities. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> maintenance and management of grassed areas including: <ul style="list-style-type: none"> recognising local turf grass species growing conditions and cultural requirements of warm and cool climate turf grass species purpose of grass and selection of mowing height thatch and impact on grass health and vigour and methods for reducing thatch basic nutrient requirements of grass, common fertilisers used and methods and rates of application turf grass physiology as it applies to grassed area maintenance methods of applying fertiliser and chemical treatments to grassed areas including: <ul style="list-style-type: none"> liquid treatments using drenches and sprayers and basic application equipment broadcasting granular and powder applications by hand or mechanical means health, safety and environmental policies and procedures in a workplace including: <ul style="list-style-type: none"> identifying hazards, assessing and managing risk protecting the environment from operations and waste personal protection and equipment methods and practices for mowing grassed areas including: <ul style="list-style-type: none"> setting the height of cut obtaining uniform cut maintaining consistent pattern 	

Knowledge Evidence
<ul style="list-style-type: none"> the need to vary direction of cut to reduce repetitive wear and tear working with a team and scheduling activity within maintenance program including: <ul style="list-style-type: none"> basic work team communication skills monitoring procedures reviewing work performance tools, equipment and machinery used for grass maintenance including: <ul style="list-style-type: none"> rotary and cylinder mowers and grass cutting and trimming equipment coring or scarifying equipment mechanical spreaders hand or motorised spray equipment equipment operation and maintenance including: <ul style="list-style-type: none"> pre-start checks, start up and shut down procedures operation and maintenance of machines clean up and storage impediments to safe maintenance activities and action to be taken <ul style="list-style-type: none"> people and animals proximity to roadways, pathways and other public spaces assets and other facilities that may be damaged weed species and control strategies in turf grasses including: <ul style="list-style-type: none"> broad leaved weeds grass weeds mosses and other invasive plant species record keeping and recording procedures.

Assessment Conditions
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> physical conditions: <ul style="list-style-type: none"> skills must be demonstrated on a grassed area of at least 100 square meters resources, equipment and materials: <ul style="list-style-type: none"> access to rotary and cylinder mowers, coring and scarifying equipment or machines access to fertiliser spreaders, and spray and drenching equipment measuring equipment for treatments and fertilisers damaged irrigation equipment to demonstrate repairs fertilisers, amendments and weed treatments fuel, oil, tools and equipment required to adjust and operate machinery specifications: <ul style="list-style-type: none"> workplace procedures and instructions related to implementing a grassed area maintenance programs, including safety and environmental procedures operating instructions for machinery and equipment specifications for rates of application of fertilisers, and weed treatments recording and reporting procedures relationships: <ul style="list-style-type: none"> work team and supervisor. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>

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