



Australian Government

AHCTRF403 Develop a sports turf maintenance program

Release: 1

AHCTRF403 Develop a sports turf maintenance program

Modification History

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

Application

This unit of competency describes the skills and knowledge required to develop a sports turf maintenance program, prepare implementation documents, communicate the program to work team and key stakeholders and review and update the program.

The unit applies to individuals who apply specialist skills in turf maintenance to provide solutions to technical and unpredictable problems. They work autonomously, and instruct and monitor the work of others within a team. They use discretion and judgment in the selection, allocation and use of available resources.

No licensing, legislative or certification requirements to apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Turf (TRF)

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. Determine soil properties and plant health	1.1 Develop a soil and plant tissue testing program 1.2 Monitor testing activities against testing program and initiate remedial action where activity does not comply 1.3 Assess and interpret test results with due consideration of influencing factors, and record results 1.4 Compare tests results with cultural requirements of turf grass

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	species and determine nutritional status of the soil according to accepted industry standards
2. Identify the requirements of a sports turf maintenance program	2.1 Establish turf grass optimum presentation characteristics according to client requirements and industry best practice 2.2 Identify financial constraints for the turf area 2.3 Identify maintenance requirements for varying conditions of turf growing cycle 2.4 Select turf maintenance practices to maintain turf health according to sports turf standards of presentation 2.5 Identify and verify availability of resources, tools, equipment and machinery required for the sports turf maintenance program 2.6 Assess requirements and constraints, and document a sports turf playing surface maintenance program
3. Prepare and document the sports turf maintenance program	3.1 Prepare detailed plan, specifications and budget according to requirements of program 3.2 Develop and document on-site procedures and schedules for the sports turf maintenance program 3.3 Develop contingencies to ensure deadlines are met according to client and play requirements
4. Communicate sports turf maintenance program to key stakeholders	4.1 Instruct work team and key stakeholders on turf maintenance program and procedures 4.2 Monitor implementation of turf maintenance program, and provide feedback to work team and stakeholders
5. Review the sports turf maintenance program	5.1 Monitor performance of program against workplace standards, and record discrepancies 5.2 Review the sports turf maintenance program to ensure it remains responsive to changing conditions 5.3 Adjust and make changes to the program to overcome discrepancies in program outcomes 5.4 Document and report remedial action and changes to maintenance program

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 complex technical documents related to sports turf maintenance programs
Writing	Use language appropriate for work team when creating workplace procedures
Oral communication	Consider target audience when presenting complex information to work team and key stakeholders
Numeracy	Perform calculations to analyse budget information, interpret tests and results and develop schedule for maintaining sports turf

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCTRF403 Develop a sports turf maintenance program	AHCTRF401 Develop a sports turf maintenance program	Performance criteria clarified Foundation skill added Performance evidence, knowledge evidence and assessment conditions expanded	Equivalent unit

Links

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