



**Australian Government**

# **AHCTRF308 Establish turf**

**Release: 1**

# AHCTRF308 Establish turf

## 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 establish turf by sowing, turf laying, sprigging and chaffing or stolonisation in sporting, public recreational open space, commercial and residential sites.

The unit applies to individuals who establish turf under general 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.

No licensing, legislative or certification requirements 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. Develop a turf establishment plan             | 1.1 Collect representative soil samples of turf establishment area for testing<br>1.2 Package and label soil samples for laboratory testing according to laboratory requirements<br>1.3 Perform field tests of soil and record results<br>1.4 Identify and select turf grass species and propagation method |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                  | <p>according to workplace or client planned outcomes</p> <p>1.5 Assess the site for physical and cultural impediments to turf establishment and record results</p> <p>1.6 Interpret results and prepare a turf establishment plan</p>                                                                                                                                                                                                                                                              |
| 2. Prepare to establish a new turf area          | <p>2.1 Select materials, tools, equipment and machinery for planting according to turf establishment plan</p> <p>2.2 Carry out pre-operational and safety checks on tools, equipment and machinery</p> <p>2.3 Identify workplace health, safety and environmental hazards, assess the risks and implement controls</p> <p>2.4 Select, check, use and maintain personal protective equipment</p> <p>2.5 Implement weed control strategy in preparation for turf establishment activities</p>        |
| 3. Prepare soil and plant turf                   | <p>3.1 Prepare planting site, incorporate soil additives and ensure soil moisture is within specification</p> <p>3.2 Distribute turf propagation material on turf area according to turf establishment plan</p> <p>3.3 Implement irrigation requirements to newly propagated turf</p> <p>3.4 Collect and dispose of waste according to workplace and environmental procedures</p> <p>3.5 Clean, store and maintain tools, equipment and machinery</p>                                              |
| 4. Maintain turf establishment                   | <p>4.1 Protect the site from disturbance and damage according to workplace procedures</p> <p>4.2 Assess soil moisture condition and rectify according to workplace irrigation practices</p> <p>4.3 Implement turf mowing practices during establishment according to workplace procedures and turf establishment plan</p> <p>4.4 Apply top dressing to level the turf area according to turf establishment plan</p> <p>4.5 Apply nutrients and amendments according to turf establishment plan</p> |

| Elements                                         | Performance Criteria                                                                                                                                             |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                           |
| 5. Report and repair areas of damaged turf       | 5.1 Monitor turf condition for quality, and repair according to turf establishment plan<br>5.2 Record and report work outcomes according to workplace 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  | <ul style="list-style-type: none"> <li>Interpret symbols and text on plans</li> <li>Interpret soil test procedures and test results for establishing turf grass</li> </ul> |
| Writing  | <ul style="list-style-type: none"> <li>Complete workplace documentation using industry terminology and required format</li> </ul>                                          |
| Numeracy | <ul style="list-style-type: none"> <li>Estimate and calculate distance, area, volume, percentage and ratio</li> </ul>                                                      |

## Unit Mapping Information

| Code and title current version | Code and title previous version | Comments                                                                                                                                 | Equivalence status |
|--------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| AHCTRF308<br>Establish turf    | AHCTRF302<br>Establish turf     | Performance criteria clarified<br>Foundation skills added<br>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>