

Title	Establish, monitor, and maintain turfgrass using seed or turf in amenity horticulture		
Level	3	Credits	5

Purpose	<p>This unit standard is for people working in an amenity horticulture context.</p> <p>People credited with this unit standard are able to: prepare soil surfaces; demonstrate understanding of site suitability of selected turfgrass species and cultivar; sow turfgrass seed or lay turf areas; monitor, and maintain establishment of newly laid or sown turf areas; and monitor and maintain established turf for a period of twelve weeks.</p>
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Classification	Horticulture > Amenity Horticulture
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Available grade	Achieved
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Explanatory notes

- 1 Evidence requirements must be consistent with all relevant legislation and subsequent amendments; this includes but is not limited to:
 - Workplace procedures
 - Health and Safety at Work Act 2015
 - Hazardous Substances and New Organisms Act 1996.
- 2 Definition
Workplace procedures refer to policies and procedures on safety and operation set down by the employer or host organisation for preparing, planting and maintaining turf.
- 3 The amenity turf establishment areas for this unit standard should be no less than five square metres.

Outcomes and evidence requirements

Outcome 1

Prepare soil surfaces in accordance with workplace procedures.

Range for at least one of the following – sowing turfgrass seed, laying turf; seeding which may include hydro-seeding.

Evidence requirements

- 1.1 Select and use tools and equipment appropriate for the task.
- 1.2 Control surface weeds, and remove and dispose of debris to prepare the soil for cultivation.
- 1.3 Cultivate level and consolidate soil surface to a depth and tilth according to seed or turf requirements.
- 1.4 Contour seedbed according to seed or turf requirements.
- 1.5 Add fertiliser and water the area according to seed or turf requirements
- 1.6 Clean, maintain, and store tools after use.

Outcome 2

Demonstrate understanding of site suitability of selected turfgrass species and cultivar.

Evidence requirements

- 2.1 Describe the suitability of turfgrass species and cultivar selection for the local climate and intended use.
- 2.2 Compare the advantages and disadvantages for the amenity site of sowing turfgrass seed and laying turf.

Range may include but are not limited to – labour, cost, machinery and equipment required, time constraints on surface usability.

Outcome 3

Sow turfgrass seed or lay turf areas in accordance with workplace procedures.

Evidence requirements

- 3.1 Select and use tools and equipment appropriate for the task.
- 3.2 Carry out seed or turf checks prior to sowing or laying.
- 3.3 Sow seed at recommended sowing rate, or lay turf, uniformly in prepared soil.
- 3.4 Water newly sown seed or laid turf.
- 3.5 Clean, maintain, and store tools after use.

Outcome 4

Monitor, and maintain establishment of newly laid or sown turf areas in accordance with workplace procedures.

Evidence requirements

4.1 Monitor and maintain optimum growing conditions for successful establishment of seed or turf.

Range soil aeration, soil water, soil nutrients.

4.2 Mow newly established turf for first mowing at a height appropriate to the species.

Outcome 5

Monitor and maintain established turf for a period of twelve weeks in accordance with workplace procedures.

Evidence requirements

5.1 Select and use tools and equipment appropriate for the task.

5.2 Monitor and maintain optimum growing conditions.

Range soil aeration, soil water, soil nutrients.

5.3 Control pests, weeds, and diseases.

5.4 Cut turf to required height to maintain quality of cut using suitable mower.

5.5 Clean, maintain, and store tools after use.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 May 2017	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.