

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

Purpose	People credited with this unit standard are able to: prepare soil surfaces; describe site suitability of selected turfgrass species and cultivar and compare the advantages and disadvantages of sowing turfgrass seed and laying turf; sow turfgrass seed or lay turf areas; monitor, and maintain newly laid or sown turf areas; and monitor and maintain established turf.
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Classification	Horticulture > Amenity Horticulture
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Available grade	Achieved
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Guidance Information

- Legislation relevant to this unit standard includes but is not limited to:
 - Hazardous Substances and New Organisms Amendment Act 2015;
 - Health and Safety at Work Act 2015;
 - and any subsequent amendments.
- 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.
- The amenity turf establishment areas for this unit standard should be no less than five square metres.
- All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Prepare soil surfaces.

Range one of– sowing turfgrass seed, laying turf; seeding which may include hydro-seeding.

Performance criteria

- 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 to the area according to seed or turf requirements.
- 1.6 Clean, maintain, and store tools after use.

Outcome 2

Describe site suitability of selected turfgrass species and cultivar and compare the advantages and disadvantages of sowing turfgrass seed and laying turf.

Performance criteria

- 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; evidence of two is required.

Outcome 3

Sow turfgrass seed or lay turf areas.

Performance criteria

- 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 newly laid or sown turf areas.

Performance criteria

- 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.

Performance criteria

- 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 a suitable mower.

- 5.5 Clean, maintain, and store tools after use.

Planned review date	31 December 2026
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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	31 December 2024
Review	2	24 February 2022	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>.

Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.