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| <b>Title</b> | <b>Demonstrate knowledge of common turf weeds, moss, and algae</b> |                |          |
| <b>Level</b> | <b>3</b>   | <b>Credits</b> | <b>5</b> |

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| <b>Purpose</b> | <p>This unit standard is for people working in a sports turf or amenity turf context.</p> <p>People credited with this unit standard are able to: identify common weeds of turf and describe the detrimental effects of weeds on turf; describe the ways in which common turf weeds survive and spread; and describe the features and spread of moss and algae on turf surfaces.</p> |
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| <b>Classification</b> | Sports Turf > Sports Turf Weeds and Pests |
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| <b>Available grade</b> | Achieved |
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### Guidance Information

None.

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### Outcomes and performance criteria

#### Outcome 1

Identify common weeds of turf and describe the detrimental effects of weeds on turf.

#### Performance criteria

1.1 Identify turf weeds by visual observation of their vegetative features.

Range a minimum of twenty common turf weeds.

1.2 Describe the effects of weeds in terms of their detrimental effect on sports turf.

#### Outcome 2

Describe the ways in which common turf weeds survive and spread.

#### Performance criteria

2.1 Describe turf weed survival in terms of methods of adaptation.

Range adaptations – rhizomes, tubers, root or root segments, bulbs, seeds, stolons, physical and chemical defences.

- 2.2 Describe turf weed spread in terms of weed characteristics, environmental effects, and cultural effects.

### Outcome 3

Describe the features and spread of moss and algae on turf surfaces.

#### Performance criteria

- 3.1 Describe the significance of moss and algae to turf in terms of their features.

Range green moss, silver moss, algal slime.

- 3.2 Describe the spread of moss and algae on turf surfaces in terms of the environmental and management factors that encourage it.

Range evidence is required for two environmental and two management factors.

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| <b>Planned review date</b> | 31 December 2025 |
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#### Status information and last date for assessment for superseded versions

| Process      | Version | Date              | Last Date for Assessment |
|--------------|---------|-------------------|--------------------------|
| Registration | 1       | 4 August 1995     | 31 December 2013         |
| Revision     | 2       | 4 August 1995     | 31 December 2013         |
| Revision     | 3       | 16 September 1996 | 31 December 2013         |
| Revision     | 4       | 10 December 1997  | 31 December 2013         |
| Revision     | 5       | 8 June 1999       | 31 December 2013         |
| Review       | 6       | 15 December 2000  | 31 December 2013         |
| Revision     | 7       | 12 January 2006   | 31 December 2013         |
| Review       | 8       | 17 October 2008   | 31 December 2015         |
| Review       | 9       | 18 August 2011    | 31 December 2015         |
| Rollover     | 10      | 17 October 2013   | 31 December 2015         |
| Rollover     | 11      | 17 September 2015 | 31 December 2019         |
| Review       | 12      | 25 January 2018   | 31 December 2023         |
| Review       | 13      | 24 June 2021      | N/A                      |

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

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**Comments on this unit standard**

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