

<b>Title</b>	<b>Plan and implement control programmes for turf pests on a sports turf site, and evaluate control procedures</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to, for a sports turf site: plan and implement turf pest control programmes; and evaluate pest control procedures for effectiveness of control.
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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

- 1 Legislation and standards relevant to this unit standard include but are not limited to:
  - Health and Safety at Work Act 2015;
  - NZS 8409:2004 *Management of agrichemicals*; and any subsequent amendments.
- 2 Definitions
 

*Physical environment* – the components that support life, such as air, water, climate, plants and animals.

*Workplace procedures* – the procedures and standards set by the client or employing organisation for evaluating the effectiveness of the pest control programme. Workplace procedures should reflect equipment manufacturer’s requirements, and current legislation.
- 3 For the purposes of assessment:
  - evidence must be presented in accordance with workplace procedures.

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### Outcomes and performance criteria

#### Outcome 1

Plan and implement turf pest control programmes for a sports turf site.

Range at least three pests from – New Zealand grass grub, porina, black beetle, sod webworm, Tasmanian grass grub, Argentine stem weevil, black field cricket, nematodes, ants, earthworms, cotula weevil, mealy bug, greasy cutworm.

#### Performance criteria

- 1.1 Identify and select turf pests for control in accordance with the results of pest population assessment.

1.2 Evaluate pest control options in terms of an integrated pest management approach.

Range regulatory, biological, genetic, cultural, physical, chemical.

1.3 Select and implement suitable methods for controlling the pest in terms of their effect on the physical environment, and turf use.

Range methods may include – regulatory, biological, genetic, cultural, physical, chemical;  
if chemical control is selected for all pests then at least two different products are required.

**Outcome 2**

Evaluate pest control procedures for effectiveness of control on a sports turf site.

**Performance criteria**

2.1 Evaluate the effectiveness of methods used in the control programme in accordance with standard population analysis methodology.

Range extent of turf damage; presence of pest – adults, larvae.

2.2 Evaluate results of the control programme to confirm or to identify necessary changes to achieve level of effectiveness required.

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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 2015
Revision	2	4 August 1995	31 December 2015
Revision	3	16 September 1996	31 December 2015
Revision	4	10 December 1997	31 December 2015
Revision	5	8 June 1999	31 December 2015
Review	6	15 December 2000	31 December 2015
Revision	7	12 January 2006	31 December 2015
Review	8	17 October 2008	31 December 2015
Review	9	18 August 2011	31 December 2015
Rollover	10	20 June 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

**Consent and Moderation Requirements (CMR) reference**

0052

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the 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.