

<b>Title</b>	<b>Prepare a cricket pitch for play, and carry out post-match cricket pitch repairs</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is for people working in the sports turf industry who are involved in the management of a cricket pitch block.</p> <p>People credited with this unit standard are able to: determine cricket pitch surface performance characteristics, analyse current condition of the cricket block, and prepare a work plan to achieve cricket pitch surface performance characteristics; prepare a cricket pitch for play; and complete match and post cricket match repairs and maintenance to cricket pitch, evaluate cricket pitch performance, and carry out post-match irrigation and fertilising.</p>
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<b>Classification</b>	Sports Turf > Sports Turf Management
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Performance criteria must be consistent with all relevant procedures, guidelines, and legislation (and their subsequent amendments) which include but are not limited to:
  - Workplace procedures
  - Equipment manufacturer's guidelines
  - Health and Safety at Work Act 2015
  - Resource Management Act 1991
  - Hazardous Substances and New Organisms Act 1996.
- 2 Definitions
 

*Workplace procedures* – the procedures and standards set by the client or employing organisation for cricket pitch preparation.

In the context of this unit standard, *understanding* means that there should be evidence of a learner's thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learner's understanding is embedded in their practices and behaviour.

### 3 Assessment

Assessment for this unit standard is required to be carried out in a workplace situation or similar.

one of – high school first XI, club, first class, international;

one of – 1-day, 2-day, 3-day, 4-day, 5-day.

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## Outcomes and performance criteria

### Outcome 1

Determine cricket pitch surface performance characteristics, analyse current condition of the cricket block, and prepare a work plan to achieve cricket pitch surface performance characteristics.

#### Performance criteria

1.1 Determine surface performance characteristics required of the cricket pitch surface in relation to the grade of cricket and duration of the game.

Range surface performance characteristics may include but are not limited to – surface hardness, bounce, shine, density, moisture content, compaction, levelness, turf cover.

1.2 Analyse current condition of the cricket pitch to determine work required to achieve desired surface performance characteristics.

Range analysis includes but is not limited to – core sampling; work required may include but is not limited to – compaction, watering, rolling, mowing, grooming, fertilising, use of covers, patching, marking.

1.3 Prepare a work plan which identifies tasks to be completed, resources required, and time-frames to achieve desired surface performance consistent with cricket grade and game duration.

Range resources – machinery, equipment, labour; contingencies – weather.

### Outcome 2

Prepare a cricket pitch for play.

#### Performance criteria

2.1 Apply fertiliser uniformly and at rates required to achieve desired surface performance within stated time-frame.

2.2 Irrigate the cricket pitch to ensure amount of water, frequency of irrigation, timing of irrigation, and water placement achieves desired surface performance within stated time-frame.

Range must include – soil moisture monitoring, core sampling.

- 2.3 Roll the cricket pitch using predetermined roller type and weight to achieve desired surface performance within stated time-frame.
- Range rolling – duration, speed, timing.
- 2.4 Apply covers during cricket pitch preparation to ensure protection from unwanted rain, and to control the rate of drying, in order to achieve desired surface performance within stated time-frame.
- 2.5 Mow the cricket pitch using predetermined mower setting, cutting height, mowing pattern, and timing to achieve desired surface performance within stated time-frame.
- 2.6 Mark the cricket pitch out for play in accordance with the game and format of cricket to be played.

### Outcome 3

Complete match and post-match repairs and maintenance to cricket pitch, evaluate cricket pitch performance, and carry out post-match irrigation and fertilising.

#### Performance criteria

- 3.1 Repair damaged areas of the cricket pitch during and after the match out to maintain desired surface performance.
- Range repairs during the match must include but are not limited to – footmark repairs; repairs after the match include but are not limited to – removal of organic material, repair material, reseeding, levelling.
- 3.2 Analyse cricket pitch performance following the cricket match to determine the success of the preparation techniques and inform adjustments to be made for future pitch preparation activities.
- Range analysis of – match results, umpire's match report, captain's match report, pitch surface condition.
- 3.3 Carry out post-match irrigation and fertiliser application in accordance with amount of damage incurred and weather conditions, to restore desired surface condition.

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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 2006	31 December 2019
Review	2	17 October 2008	31 December 2019
Review	3	25 January 2018	31 December 2023
Review	4	24 June 2021	31 December 2023

<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>.