

Title	Research and report on a sports turf management initiative		
Level	6	Credits	20

Purpose	People credited with this unit standard are able to: develop a research plan for a sports turf management initiative; collect and analyse data and information; and formulate conclusions, prepare, and present the sports turf management initiative report.
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Classification	Sports Turf > Sports Turf Management
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Copyright Act 1994;
 - Designs Act 1953;
 - Health and Safety at Work Act 2015;
 - Patents Act 1953;
 - Trade Marks Act 2002;
 and any subsequent amendments.

- 2 Definitions

Industry standards – the standards required for the research, research report format, content and presentation. In the context of the research ‘industry’ standards would include a systematic process using objective measures compared to a control group. The research plan would have hypothesis, research questions, data method, population and sample, and analysis.

Project sponsor – workplace management.

- 3 For the purposes of assessment;
 - evidence submitted for assessment must include documented endorsement of the project from the project sponsor.
 - evidence must be presented in accordance with industry standards and project sponsors requirements.

Outcomes and performance criteria

Outcome 1

Develop a research plan for a sports turf management initiative.

Performance criteria

- 1.1 Select a sports turf management initiative for research.
- 1.2 Develop the research plan objectives.
- Range must include but is not limited to – investigation of the playing quality and environmental impact of the improvement initiative.
- 1.3 Define the research plan scope.
- 1.4 Describe the sources of information that are used in sports turf management research in terms of where to access the information and the type of information available.
- 1.5 Document the research plan.
- Range signed off plan includes – objectives, scope, milestones, timeframes, roles and responsibilities, sources of information, data collection and analysis methodology, reporting requirements, references.

Outcome 2

Collect and analyse data and information.

Performance criteria

- 2.1 Collect and record data and information in accordance with the research plan.
- 2.2 Review data and information to confirm accuracy and fit with the research plan and establish and source any further data requirements if required.
- 2.3 Analyse data and information to determine whether the results support the objectives and scope and meet the reporting requirements of the research plan.

Outcome 3

Formulate conclusions, prepare, and present the sports turf management initiative report.

Performance criteria

- 3.1 Determine conclusions from the data analyses in accordance with research plan objectives.
- Range may include but are not limited to – playing quality impacts, financial impacts, social impacts, environmental impacts, health and safety impacts; evidence of two is required.

3.2 Develop a report in specified standard format.

Range specified standard format includes – table of contents, executive summary, scope, objectives, introduction, data capture methodology, data analysis and discussion, conclusions, recommendations.

3.3 Present research report and provide recommendations.

Replacement information	This unit standard replaced unit standard 4281.
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Planned review date	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	25 January 2018	31 December 2023
Review	2	24 June 2021	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 Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.