

Title	Describe, plan, and manage a weed control programme		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: describe the principles and methods of weed management and control; develop a weed management programme for a specified land based activity.
----------------	---

Classification	Pest Management > Pest Control
-----------------------	--------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation and regulations relevant to this unit standard include but are not limited to –
Hazardous Substances and New Organisms Act 1996, and relevant regulations;
Health and Safety in Employment Act 1992.
- 2 The New Zealand Standard applicable to this unit standard is NZS 8409:2004 *The management of agrichemicals*, available from <http://www.standards.co.nz>.
- 3 Codes and related documentation applicable to this unit standard include but are not limited to:
Responsible Care Management System, available from the New Zealand Chemical Industry Council (NZCIC, PO Box 5069, Wellington).
- 4 Definition
agrchemical – any substance, whether inorganic or organic, man-made or naturally occurring, modified or in its original state, that is used in any agriculture, horticulture or related activity, to eradicate, modify or control flora and fauna. It includes agricultural compounds, fertilisers, vertebrate pest control products and oral nutrition products (this definition differs to that in NZS 8409:2004, where *agrchemicals* exclude fertilisers, vertebrate pest control products and oral nutrition products).

Outcomes and performance criteria

Outcome 1

Describe the principles and methods of weed management and control.

Performance criteria

1.1 Weed management and control methods are described for specified weeds found in a specified land based industry.

Range cultural, biological, physical, chemical.

1.2 Weed management and control methods are evaluated in terms of their advantages and disadvantages.

Range cultural, biological, physical, chemical.

1.3 Plant life cycles are described in terms of the implications for weed management and control at each stage.

Range ephemeral, annual, biennial; perennial – herbaceous, woody.

Outcome 2

Develop a weed management programme for a specified land based activity.

Performance criteria

2.1 Methods for controlling weeds are selected and justified in terms of cost benefits, environmental sustainability, and plant condition.

2.2 The programme takes into account management and labour time costs.

Range notification of neighbours, consent and permits, area to cover, terrain, hazards.

2.3 The programme takes into account implementation factors.

Range factors may include but are not limited to – non target plants, seasonal stages of growth, time frame for control, species, density of infestation, prevailing weather patterns, resistance to herbicides; evidence is required for at least five.

2.4 The programme complies with health and safety requirements.

2.5 The programme is documented in accordance with legislative and on-site requirements.

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	27 May 2005	31 December 2015
Review	2	18 August 2011	31 December 2015
Rollover	3	17 October 2013	31 December 2015
Rollover	4	17 September 2015	31 December 2019
Rollover	5	26 September 2019	31 December 2020

Consent and Moderation Requirements (CMR) reference

0052

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