

Title	Destroy vertebrate pests using toxins by ground control for pest management		
Level	3	Credits	8

Purpose	People credited with this unit standard are able, for vertebrate pests, to: demonstrate knowledge of toxins and toxin applicators; prepare a toxin plan; handle toxins; and apply toxins.
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Classification	Compliance and Law Enforcement > Compliance and Regulatory Control
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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: Biosecurity Act 1993, Local Government Act 1974, Local Government Act 2002, Resource Management Act 1991, Health and Safety in Employment Act 1992, Animal Welfare Act 1999, Hazardous Substances and New Organisms Act 1996, Agricultural Compounds and Veterinary Medicines Act 1997.
- 2 People carrying out the activities covered by this unit standard must either have a Controlled Substances Licence under the Hazardous Substances and New Organisms Act 1996 and the Agricultural Compounds and Veterinary Medicines Act 1997, or be directly supervised by a person who possesses one.
- 3 Evidence to be collected includes the destruction of vertebrate animal pests using at least two of the following poisons with one of the two poisons being a schedule 1 or 2 poison: 1080, cyanide, phosphorous, brodifacoum, pindone poison baits, cholecalciferol, DRC 1339, warfarin, and diphacinone.
- 4 **Definitions**
Application methods refers to ground based application methods only and must include but are not limited to use of paste, baits, and pellets.
Organisational requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These include the application of legislation and the implementation of the Regional Pest Management Strategy.
Vertebrate pests must include rabbits or possums.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of toxin and toxin applicators for vertebrate pests.

Performance criteria

- 1.1 The registered toxins available for the control of vertebrate animal pests are identified.
- 1.2 The ground application methods are identified in terms of the control of the target vertebrate pests.
- 1.3 The toxins appropriate to the destruction of target vertebrate pests are identified in terms of the effectiveness of each toxin compared to other toxins for that vertebrate pest.
- 1.4 The risks associated with the use of each toxin and toxin applicator are described in terms of risk to user, public, environment, and non-target species.

Outcome 2

Prepare a toxin plan for vertebrate pests.

Performance criteria

- 2.1 The property inspection locates control operation boundaries, hazards, water supplies, livestock, and people.
- 2.2 A map of the target location is prepared identifying control operation boundaries, hazards, water supplies, livestock, and dwellings.
- 2.3 The plan specifies the locations for the application of the toxin.
- 2.4 The plan specifies operational budget and timeframe.
- 2.5 The plan specifies the appropriate consents and approvals that are required prior to the application of toxin.
- 2.6 The property inspection locates signs of target vertebrate pests.

Range	signs may include but are not limited to – droppings; scratchings; burrows; nests; pad runs; damage caused to crops, pasture, orchards, and trees.
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- 2.7 The equipment and materials required to control target vertebrate pests are identified and obtained.

Range	may include but is not limited to – vehicles, bait layers, carrot cutters, containers, safety equipment.
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- 2.8 Public and land holder liaison and notification requirements are specified and met in terms of local authority consent and legislative requirements.

Outcome 3

Handle toxins for vertebrate pests.

Performance criteria

- 3.1 The bait is prepared and stored in accordance with organisational and legislative requirements.
- 3.2 The removal of toxins from storage is recorded in the toxins register in accordance with organisational and legislative requirements.
- 3.3 The toxins and bait are transported in accordance with the relevant legislation.
- 3.4 The storage of toxins and bait remaining after use is recorded in the toxins register in accordance with organisational and legislative requirements.
- 3.5 The toxins and bait are handled in accordance with organisational and legislative requirements.

Outcome 4

Apply toxins for vertebrate pests.

Range evidence is required of at least two toxin application methods.

Performance criteria

- 4.1 The toxin application method is appropriate to the target vertebrate pest, terrain, habitat, and season.
- 4.2 The toxin notices are erected before application of toxin in accordance with organisational and legislative requirements.
- 4.3 The toxin notices are removed after application of toxin in accordance with organisational and legislative requirements.
- 4.4 The toxins are applied in accordance with organisational and legislative requirements.
- 4.5 Any toxin traces on clothes and equipment are removed after application of the toxin.
- 4.6 The non-permanent toxin stations are removed from property.
- 4.7 The toxin that has been applied, but not used, is disposed of in accordance with organisational and legislative requirements.

- 4.8 A record is made of animals destroyed in accordance with organisational requirements.
- 4.9 Target vertebrate pests are destroyed in proportion with the estimated total population in accordance with organisational and contractual requirements.
- 4.10 The carcasses are disposed of in accordance with organisational and legislative 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	19 August 1998	31 December 2023
Review	2	6 October 1999	31 December 2023
Revision	3	17 July 2002	31 December 2023
Revision	4	19 May 2004	31 December 2023
Review	5	25 July 2007	31 December 2023
Review	6	23 May 2019	31 December 2023

Consent and Moderation Requirements (CMR) reference

0046

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