Title | Describe and use toxins to control rabbit pests
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Level | 3 | Credits | 8

**Purpose**

This unit standard is for people involved with pest control in rural environments.

People credited with this unit standard are able to: demonstrate knowledge of toxins and baits used for control of rabbit pests; prepare for application of toxins and baits for rabbit pests; prepare and apply toxins and baits for rabbit pests; clean and store equipment and materials, and process and store, or dispose of rabbit carcasses; and complete documentation.

**Classification**

Pest Management > Pest Control

**Available grade**

Achieved

**Entry information**

**Critical health and safety prerequisites**

Recommended – Unit 20790, *Demonstrate knowledge of rabbit biology and environmental impact as a pest species*, or demonstrate equivalent knowledge and skills.

**Explanatory notes**


2. People seeking credit for this unit standard must hold a Vertebrate Pest Control (VPC) Licence under the Pesticides (Vertebrate Pest Control) Regulations 1983.

The approval process for handling VPC Licences will be carried out by ERMA who will approve Test Certifiers to undertake the Approved Handler process. However every Test Certifier approved by ERMA must also be approved by the ACVM Group in handling the risks associated with VPC products for which they must meet criteria as set down by the ACVM Group. For further information, contact ERMA, phone 0800 376 234, or email info@ermanz.govt.nz
3 Definitions

organisational procedures – the verbal and written instructions to staff on procedures for rabbit pest control using toxins and baits;

toxins – controlled substances registered under the Agricultural Compounds and Veterinary Medicines Act 1997;

rural environments – any land outside urban environments.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of toxins and baits used for control of rabbit pests.

Range  

toxins must include – 1080, phosphorous, pindone;  
baits must include but are not limited to – paste or jam, cereal pellets, natural bait.

Evidence requirements

1.1  
Toxins and baits are described in terms of their modes of action.

1.2  
Toxins and baits are described in terms of the advantages and disadvantages of their use.

1.3  
Toxins and baits are described in terms of the situations best suited to their use.

Outcome 2

Prepare for application of toxins and baits for rabbit pests.

Evidence requirements

2.1  
Location and boundaries for placement of toxins and baits are identified consistent with rabbit pest behaviour and organisational procedures.

2.2  
Public and landowner notification requirements, and documentation required for the placement of toxins and baits are identified in accordance with legislative requirements, local authority requirements, and organisational procedures.

2.3  
Personal and environmental risks associated with use of toxins are identified and minimised in accordance with legislative requirements, local authority requirements, and organisational procedures.

Range  
includes but is not limited to – personal risks – ingestion or absorption of toxin by operator or other people; environmental risks – death of non-target species, contamination of water supply.

2.4  
Vehicles, equipment, and materials suitable for toxin and bait application for rabbit pests are prepared in accordance with organisational procedures.

Outcome 3
Prepare toxins and baits for rabbit pests.

Range evidence is required for at least two toxins, one of which is registered under the Agricultural Compounds and Veterinary Medicines Act 1997.

**Evidence requirements**

3.1 Quantity of toxins and baits required for lethal dose is calculated in accordance with manufacturer’s specifications for target species.

3.2 Bait volume required to cover the specified area, breeding season variation, and rabbit pest density, is calculated in accordance with manufacturer’s specifications, and organisational procedures.

3.3 Toxins and baits are prepared and handled in accordance with manufacturer’s specifications, legislative requirements, and organisational procedures.

Range mixing, packaging, transport.

3.4 Toxins and baits are transported to location in accordance with manufacturer’s specifications, legislative requirements, and organisational procedures.

3.5 Personal protective equipment is used when handling toxins and baits in accordance with legislative requirements, and organisational procedures.

3.6 Equipment used to prepare toxins and baits is cleaned and maintained in accordance with manufacturer’s specifications, legislative requirements, and organisational procedures.

3.7 Documentation is completed in accordance with legislative requirements, and organisational procedures.

**Outcome 4**

Apply toxins and baits for rabbit pests, and complete documentation.

Range evidence is required for at least two toxins, one of which is registered under the Agricultural Compounds and Veterinary Medicines Act 1997.

**Evidence requirements**

4.1 Pre-feeding bait is placed in a location over a specified time period in accordance with organisational procedures.

4.2 Toxins notices are erected prior to toxin application in accordance with legislative requirements, and organisational procedures.

4.3 The toxin and bait application method is appropriate for the rabbit pest, terrain, habitat, and season.
4.4 Toxins and baits are applied, and reapplied where necessary, in accordance with manufacturer’s specifications, and organisational procedures.

4.5 Recovered toxins are disposed of, or stored for future use, in accordance with manufacturer’s specifications, legislative requirements, and organisational procedures.

4.6 Personal protective equipment is used when handling toxins and baits in accordance with legislative requirements, and organisational procedures.

4.7 Documentation is completed in accordance with legislative requirements, and organisational procedures.

Outcome 5

Clean and store equipment and materials, complete documentation, and process and store, or dispose of rabbit carcasses.

Evidence requirements

5.1 Equipment and materials used for applying toxins and baits are cleaned and stored, or disposed of, in accordance with manufacturer’s specifications, and organisational procedures.

5.2 Toxins and baits are stored, and toxins documentation completed in accordance with manufacturer’s specifications, legislative requirements, and organisational procedures.

5.3 Rabbit carcasses are processed and stored, or disposed of in accordance with legislative requirements, and organisational procedures.

5.4 Results of toxin application activities are documented in accordance with organisational procedures.

Range numbers of target and non-target species destroyed.

5.5 Toxins notices are removed in accordance with legislative requirements, and organisational procedures.

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

| Replacement information | This unit standard was replaced by unit standard 29337. |
Status information and last date for assessment for superseded versions

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<th>Process</th>
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Consent and Moderation Requirements (CMR) reference 0052
This CMR can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Please note
Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.