

<b>Title</b>	<b>Demonstrate knowledge of vertebrate pest monitoring methods</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe vertebrate pest monitoring methods; describe the application of vertebrate pest monitoring methods; and describe the uses for the data produced by vertebrate pest monitoring methods.
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<b>Classification</b>	Compliance and Law Enforcement > Compliance and Regulatory Control
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<b>Available grade</b>	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.
- 2 Range  
This unit standard requires two vertebrate pest monitoring methods, which are – the *Protocol for Possum Population Monitoring using the Trap-Catch Method* and one other method which may include but is not limited to – *Modified McLean Scale for Rabbits; Pest Rabbits Monitoring; Pest Hares Monitoring; Rook Nest Counts*.
- 3 References  
*Modified McLean Scale for Rabbits*, available at <https://www.bionet.nz/assets/Uploads/Publications/A5-201211-Rabbitguide-print.pdf>.  
*National Protocol Trap Catch for Monitoring Possum Populations*; most recent version, and  
*Pest Rabbits – Monitoring and Control Best Practice Guidelines*, June 2006, and  
*Pest Hares – Monitoring and Control Best Practice Guidelines*, August 2006, and  
*Pest Rooks – Monitoring and Control Best Practice Guidelines*, August 2006, all published by the National Pest Control Agencies, <https://www.bionet.nz/library/nzca-publications/>.

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### Outcomes and performance criteria

#### Outcome 1

Describe vertebrate pest monitoring methods.

**Performance criteria**

- 1.1 The methods are described in terms legal requirements, ethical considerations, environmental considerations, and operational considerations.
- 1.2 The description of the methods categorises them according to the type of pest to be monitored.

**Outcome 2**

Describe the application of vertebrate pest monitoring methods.

**Performance criteria**

- 2.1 The application of each method is compared in terms of advantages and disadvantages.
- Range includes but is not limited to – cost effectiveness, usefulness of data produced, environmental impacts.
- 2.2 Methods are described in terms of target pest and situations best suited to the use of each method.
- Range situations may include but are not limited to – topography, vegetation, time of day, access, season.

**Outcome 3**

Describe the uses for the data produced by vertebrate pest monitoring methods.

**Performance criteria**

- 3.1 The data gained from each method is described in terms of its use in calculating population reduction/increase and/or residual trap catch.
- 3.2 Uses are described in terms of relevance for auditing performance contracts.
- 3.3 Uses are described in terms of relevance as a management tool.
- 3.4 Uses are described in terms of contribution to regulatory compliance.

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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	26 August 2002	31 December 2023
Review	2	25 July 2007	31 December 2023
Review	3	23 May 2019	31 December 2023

<b>Consent and Moderation Requirements (CMR) reference</b>	0046
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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