

Title	Describe, prepare for, and carry out transect based rural pest animal population monitoring		
Level	3	Credits	15

Purpose	People credited with this unit standard are able to: describe workplace procedures, contract requirements and techniques for transect based rural pest animal population monitoring; prepare for transect based rural pest animal population monitoring; maintain equipment for transect based rural pest animal population monitoring; and deploy devices for transect based rural pest animal population monitoring operations; and check and recover the transect line, and record and report results.
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Classification	Pest Management > Pest Monitoring
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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:
 - Animal Welfare Act 1999;
 - Health and Safety at Work Act 2015;
 - Hazardous Substances and New Organisms Act 1996; and any subsequent amendments.

- 2 Definitions

Contract – the rural pest animal population monitoring contract that the rural pest animal population monitoring contractor is engaged under. The contract will specify a range of requirements that have been agreed between the rural pest animal population monitoring contractor and the principal or client. The principal or client may be a local authority, government department, or a private organisation

Predator – mustelid, rodents, and feral cats.

Rural pest animal – possums, rabbits, predators and avian pests.

Workplace procedures – the documented policies and practices for safety and procedures within a particular worksite and are consistent with equipment manufacturers' guidelines; site signage; and company health and safety plans. This includes all best practice guidelines and Standard Operating Procedures (SOPs) as set out by industry groups such as - Environmental Protection Authority (EPA), and Department of Conservation (DOC).

- 3 For the purposes of assessment:
 - evidence for the practical components of this unit standard must be supplied from the workplace.
 - evidence must be presented in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Describe workplace procedures, contract requirements and techniques for transect based rural pest animal population monitoring.

Performance criteria

- 1.1 Describe the workplace procedures and contract requirements in terms of their purpose in rural pest animal population monitoring.
- 1.2 Describe transect based rural pest animal population monitoring in terms of a selected rural pest animal population monitoring technique.

Outcome 2

Prepare for transect based rural pest animal population monitoring.

Performance criteria

- 2.1 Check the field plan for consistency with the contract.
- 2.2 Arrange access to and obtain permits for relevant locations.
- 2.3 Determine prevailing weather conditions and implications for pest monitoring operations.

Outcome 3

Maintain equipment for transect based rural pest animal population monitoring.

Performance criteria

- 3.1 Maintain equipment in working order and of sufficient quantity to enable the rural pest animal population monitoring operation to be carried out as specified in the field plan.
- 3.2 Calibrate equipment to be used for a specific rural pest animal population monitoring operation.

Outcome 4

Deploy devices for transect based rural pest animal population monitoring operations.

Performance criteria

- 4.1 Deploy rural pest animal population monitoring devices, and follow procedures, including any deviations, in accordance with the field plan.
- 4.2 Prepare site in accordance with animal welfare considerations.

- 4.3 Determine number and spacing of devices per line in accordance with field plan specifications.

Outcome 5

Check and recover the transect line, and record and report results.

Performance criteria

- 5.1 Check transect lines.
- 5.2 Release, humanely destroy, or deal with target species in a safe and hygienic manner.
- 5.3 Release, humanely destroy, or deal with non-target species in a safe and hygienic manner.
- 5.4 Recover devices and other equipment.
- 5.5 Record information and complete and submit reports.

Replacement information	This unit standard replaced unit standard 22115 and unit standard 22116.
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Planned review date	31 December 2025
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Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 March 2016	31 December 2022
Review	2	25 March 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 the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.