

<b>Title</b>	<b>Describe, prepare for, and carry out transect based pest plant monitoring</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe workplace procedures, contract requirements and monitoring techniques for transect based monitoring for pest plants; prepare for pest plant monitoring; prepare equipment for pest plant monitoring; deploy devices for pest plant monitoring operation; and check and recover the transect line, and record and report results.
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<b>Classification</b>	Pest Management > Pest Monitoring
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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:
  - Health and Safety at Work Act 2015; and any subsequent amendments.
  
- 2 Definitions
 

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

*Pest plants* refer to –

  - a. *Environmental pest plant* – any plant that threatens the balance of New Zealand’s natural environment.
  - b. *Agricultural pest plant* – plants that grow and threaten the production values of agricultural land.
  - c. *Aquatic pest plant* – Pest plants that threaten waterways.

*Workplace procedures* – the documented policies and practices for safety and procedures within a particular worksite and are consistent with equipment manufacturers’ guidelines; site signage; company health and safety plans, and regional council guidelines. 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.

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## Outcomes and performance criteria

### Outcome 1

Describe workplace procedures, contract requirements and monitoring techniques for transect based monitoring for pest plants.

#### Performance criteria

- 1.1 Describe the workplace procedures, and contract requirements in terms of their purpose in transect based pest plant monitoring.
- 1.2 Describe transect and inspection based monitoring techniques in terms of the procedures.

### Outcome 2

Prepare for pest plant monitoring.

#### Performance criteria

- 2.1 Review field plan to identify responsibilities and set tasks to be carried out prior to commencing the monitoring operation.
- 2.2 Check the field plan for consistency with contract requirements.
- 2.3 Arrange access and obtain permits for entry to monitoring location/s.
- 2.4 Determine prevailing weather conditions and implications for pest control operations.

### Outcome 3

Prepare equipment for pest plant monitoring.

#### Performance criteria

- 3.1 Check equipment is in working order and of sufficient quantity to enable the pest plant monitoring operation to be carried out as specified in the field plan.
- 3.2 Check and calibrate equipment to be used for a specific pest plant monitoring operation.

### Outcome 4

Deploy devices for pest plant monitoring operations.

#### Performance criteria

- 4.1 Select monitoring devices in accordance with the field plan.
- 4.2 Prepare the site.

4.3 Deploy devices.

4.4 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 the transect lines.

5.2 Recover transect lines, and other equipment.

5.3 Record information and complete and submit reports.

<b>Planned review date</b>	31 December 2025
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### Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 July 2016	31 December 2022
Review	2	25 March 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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@primaryto.ac.nz](mailto:standards@primaryto.ac.nz) if you wish to suggest changes to the content of this unit standard.