

40924 Carry out plant or animal conservation pest control results monitoring

Kaupae Level	4
Whiwhinga Credit	5
Whāinga Purpose	This skill standard is for ākonga/learners who want to gain skills and knowledge for general and team roles in conservation in Aotearoa New Zealand. Ākonga/learners credited with this standard will be able to carry out plant or animal pest control results monitoring and data collection conservation activities. They will be able to apply knowledge of kaitiakitanga and conservation principles in Aotearoa New Zealand. This skill standard may be used in programmes leading to qualifications and credentials for conservation.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Determine results monitoring techniques for a plant or animal pest problem.	a. Summarise results monitoring techniques available for an identified plant or animal pest problem.
	b. Match the tools and equipment required for the results monitoring techniques.
2. Carry out results monitoring and associated data collection in a field situation	a. Use a results monitoring technique in a field situation while applying local tikanga and kawa.
	b. Collect, process and store data in the correct format.
	c. Select the appropriate reporting format for the result monitoring data and create a report which includes result data analysis and is suitable for review.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

All assessment must take place during a conservation activity.

Ākonga/learners will be assessed carrying out the conservation activity and must follow health, safety, and environmental protocols throughout conservation and monitoring activities including appropriate PPE, handling equipment responsibly and minimising disturbance to the environment.

Assessment criteria are carried out in accordance with kaitiakitanga, organisational health and safety requirements, and assessment evidence must reflect industry practice.

Appropriate PPE may include:

- Helmets
- Safety boots
- Gloves
- High-visibility clothing
- Eye protection.

Definitions

- *Kaitiakitanga* in this standard means the sustainable custodial treatment of the environment in accordance with the tikanga and kawa of local iwi or hapū.
- *Tikanga* refers to practices and values from mātauranga Māori including wāhi tapu (sacred sites) and culturally appropriate practices during conservation activities.
- *Kawa* refers to protocol or customs particularly relating to marae protocol.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Tools and equipment

- Tool selection for the conservation activity.
- Device selection for the conservation activity.
- Personal protection equipment (PPE).
- Field Instructions, including task specifications and equipment.
- Health and Safety plan.

Conservation activities

- Invasive (pest) plant control project.
- Invasive (pest) animal control project.
- Health and Safety.
- Data collection and analysis.
- Report writing for enabling management decisions.

Result Monitoring

- Pest animal resulting using chew cards, wax tags, tracking tunnels, trail cameras.
- Pest plant resulting using GPS locations for infestations, photo points, mark and map, transect belt techniques, drones.
- Standard best practice template for result data.
- Hazardous Substances and New Organisms Act (HSNO).
- Vertebrate Toxic Agents (VTAs).

- NZS 8409:2021 in relation to agrichemicals.
- Health and Safety at Work Act 2015 (HSW).
- Relevant codes of practice for the chosen control method.

Rauemi | Resources

All learning and assessment within this skill standard must be carried out in accordance with the following:

- Legislation including [Conservation Act 1987](#), [National Parks Act 1980](#), [Reserves Act 1977](#), [Health and Safety at Work \(HSW\) Act 2015](#), [Health and Safety at Work \(Hazardous Substances\) Regulations 2017](#).
- WorkSafe New Zealand: Health and safety guidance for working in outdoor environments, including the safe use of equipment and management of environmental risks. [Home | WorkSafe](#).
- Worksafe New Zealand: Activity Safety Guidelines [Adventure and outdoor recreation activities – managing the risks from natural hazards | WorkSafe](#).
- Industry Codes:
 - Land Safety Code [NZ Land Safety Code — NZMSC](#).
 - Leave No Trace principles <https://leavenotrace.org.nz>.
 - New Zealand Conservation Authority (NZCA) code of practice ([NZCA code of practice](#))
 - [National Animal Welfare Advisory Committee guidelines | NAWAC](#).
 - Environmental Management Code of Practice ([Section A-E A4.indd](#)).
 - [Best Practices for Pest Control in Agricultural Operations | Live to Plant](#).
- A recognised and approved safety management system including organisational policies and procedures including Emergency Action Plans (EAPs), Standard Operating Procedures (SOPs), incident response management plans and the use of PPE.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Toi Mai Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Sciences > Environment > Ecological Management
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0099

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	27 November 2025	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

Please contact Toi Mai at qualifications@toimai.nz to suggest changes to the content of this skill standard.