

## Free The Tree Ltd - Proposed Agrichem Use Plan for Matiatia Coastal Custodians Pest Plant Control - March 2024

Version 1 dated 27/03/2024

Author: Richard Margesson, Director

### References:

1. Matiatia Estates Residents Group: "MERG" Community Agreement pursuant to section 53(2)(i) Conservation Act 1987 dated 18 October 2023
2. Waiheke Local Board - Agrichemical dispensation for control of invasive ecological pest plants within Local Parks on Waiheke Island dated July 2021.
3. Free The Tree Ltd - Hazardous Products SOPs and product SDSs in the Vehicle " H&S Red Book" - to be carried in the work vehicle.

Common Name	Scientific Name	Waiheke Eco Priority	MRT Eco Priority	Waiheke Eco Contract Methodology	Herbicide Mix Rate <i>Note: Blue marker dye is added to all spray mix at 50 ml per 10 litres water (.05%)</i>
Asparagus fern	<i>Asparagus spp. (except smilax / Asparagus asparagoides)</i>	1	2	Small isolated individuals - wipe on with Nitrile glove Cut or pull vines 60cm above ground, spray lightly.	Cut 'N' Paste Original (Glyphosate) 50ml (0.5%) Glyphosate 360 per 10 litres water. <b>Note:</b> No penetrant or surfactant
Ginger, Kahili	<i>Hedychium gardnerianum</i>	1	1	Seedlings - dig and pull out, taking care to remove strings of rhizomes. Cut above pink "collar" at base & stump paint.	None Cut 'N' Paste Metgel
Ginger, yellow	<i>Hedychium flavescens</i>	1	1	As above.	As above
Moth plant	<i>Araujia sericifera</i>	1	1	Seedlings - dig and pull out. Juvenile & Mature - Cut near ground and stump paint. Catch/release, remove pods and bundle the cut vines. Foliar spraying will be conducted only as a last resort. Catch/release as much as possible, remove pods,	None Cut 'N' Paste Picloram (43g/kg Picloram) 5g/10L (.005%) Metsulfuron plus 20 ml (.2%) organosilicone per 10 litres water

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				and spray below shoulder height.	
Pampas species	<i>Cortaderia selloana</i> ; & <i>C. jubata</i>	2	1	Small isolated individual plants - dig out. Scrub bar/chainsaw large plants or cut & stump paint smaller dense infestations. Spray dense sites where non-target damage is unlikely.	None Cut 'N' Paste Original (Glyphosate) 100 ml Glyphosate 360 (1%) plus 20 ml organosilicone (.2%) per 10 litres water
Privet, Chinese	<i>Ligustrum sinense</i>	2	2	Small plants - hand pull. Cut larger trees & stump paint Drill holes every 200mm and fill	None Cut 'N' Paste Picloram (43g/kg Picloram) or Cut 'N' Paste Original Cut 'N' Paste Original <b>Note:</b> No foliar or basal spray is to be used.
Privet, tree	<i>Ligustrum lucidum</i>	2	2	As above.	As above
Rhamnus (Evergreen buckthorn)	<i>Rhamnus alaternus</i>	1	1	Small plants - hand pull. Cut larger trees & stump paint. Hang cut material whenever possible to avoid resprouting or paste cut ends before placing them on the ground.	None Cut 'N' Paste Picloram (43g/kg Picloram) <b>Note:</b> No foliar or basal spray is to be used.
Wattles (Acacias)	<i>Acacia spp.</i>	3	1	Seedlings < 1 m - hand pull Cut larger trees & paste stumps. Ringbark trees (ensure danger to public from falling branches is minimised.) Paint the ringbarked area immediately	None Cut 'N' Paste Original Cut 'N' Paste Original
Woolly nightshade	<i>Solanum mauritianum</i>	1	1	Small plants - hand pull. If hard to pull, wipe leaves with a Nitrile glove.	None or Cut 'N' Paste Original or Picloram (43g/kg Picloram)

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(tobacco tree)				<p>Cut larger trees and paste stumps.</p> <p>Ringbark trees (minimise public danger from falling branches.) Paint the ringbarked area immediately.</p>	<p>Cut 'N' Paste Original or Picloram (43g/kg Picloram)</p> <p>Cut 'N' Paste Original or Picloram (43g/kg Picloram)</p> <p><b>Note:</b> No foliar or basal spray is to be used.</p>
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### Notes:

1. Blue marker dye is to be added to all spray mix at 50 ml per 10 litres water (.05%).
2. Herbicide spray application to be minimised.
3. No spray near waterways.
4. Spray nozzles selected to avoid fine spray mist drift.
5. No basal spray to be used.

### Summary of Agrichem Products (All products are approved by Auckland Council for use in public land. See links for Safety Data Sheets):

1. Cut 'N' Paste. Herbicide in an aqueous gel solution.
  - a. [Original](#): Glyphosate
  - b. [Metgel](#): Metsulfuron
  - c. [Picloram](#): Picloram
2. Glyphosate. [Ravensdown Glyphosate G360](#) (*green glyphosate, no additives*).
3. Metsulfuron. [Agpro Meturon](#).
4. Organosilicone. Penetrant/surfactant. [Agpro Organosilicone](#).
5. Blue Marker Dye. [Agpro Blue Marker Dye](#).

