



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

**PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT  
TO CONTROL VARIOUS WEEDS IN URBAN BUSHLAND, FORESTS AND  
COASTAL RESERVES**

**PERMIT NUMBER – PER11916**

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 1 JUNE 2010 TO 31 MARCH 2020.**

**Permit Holder:**

NSW DEPARTMENT OF PRIMARY INDUSTRIES  
161 KITE STREET  
ORANGE NSW 2800

**Persons who can use the product under this permit:**

Persons generally.

## CONDITIONS OF USE

### Product to be used:

ALL REGISTERED PRODUCTS

Containing 360 g/L GLYPHOSATE PRESENT AS ISOPROPYLAMINE SALT as their only active constituent.

DUPONT BRUSH-OFF BRUSH CONTROLLER

PLUS OTHER REGISTERED PRODUCTS

Containing 600 g/kg METSULFURON-METHYL as their only active constituent.

### Directions for Use:

Situation	Weeds controlled	Rate
URBAN BUSHLAND AND FORESTS. COASTAL RESERVES. (REFER TO CRITICAL COMMENTS FOR PRODUCT USE DETAILS).	VARIOUS WEEDS AS SPECIFIED IN ATTACHMENT 1.	At the rates specified in Attachment 1.

### Critical Use Comments:

**FOR THE CONTROL OF WEEDS AT COASTAL RESERVES ONLY REGISTERED PRODUCTS THAT ARE APPROVED FOR USE IN AQUATIC AREAS MAY BE USED:**

These products may only be used in this situation due to the nature of the formulations being permissible for use within or near aquatic situations.

**ANY REGISTERED PRODUCT** Containing 360 g/L GLYPHOSATE as its only active constituent **MAY BE USED FOR USE IN THE OTHER SITUATIONS SUCH AS URBAN BUSHLAND AND FORESTS.**

Refer to Attachment 1.

### Jurisdiction:

NSW ONLY.

### Additional Conditions:

Apart from the uses dealt with in this permit, users must comply with the instructions on the approved label of the registered product, particularly those instructions relating to protection, precaution, safety directions, first aid and storage and disposal.

It is an offence to pollute waters under the NSW Protection of the Environment Operations Act 1997 (POEO). Pesticide users must ensure that the pesticide does not enter waters either directly or indirectly through spray drift or runoff.

Persons who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them, the permit particularly the information included in DETAILS OF PERMIT and CONDITIONS OF PERMIT.

DO NOT allow spray to drift onto sensitive areas including but not limited to natural streams, rivers, wetland waterways and non-target species. The latter is particularly important when using a surfactant or penetrant.

Issued by

Delegated Officer

Note: Permit extended to 31 March 2020 (Permit Version 2 issued 23 January 2012)

**Attachment 1**

<b>WEED – SCIENTIFIC NAME</b>	<b>WEED – COMMON NAME</b>	<b>APPLICATION RATE</b> parts glyphosate : parts water  OR metsulfuron-methyl 1-2g/10L water + non-ionic surfactant (0.1% or 1ml/L)	<b>APPLICATION METHOD</b>	<b>CRITICAL COMMENTS</b>
<b>PLANT FAMILY - ACANTHACEAE</b>				
<i>Hypoestes phyllostachya</i>	Freckle Plant/Face	1:100 + surfactant	Spray	
<b>PLANT FAMILY - ADIANTACEAE</b>				
<i>Pellaea viridis</i>		metsulfuron methyl		
<i>Pityrogramma austroamericana</i>	Gold Fern			
<b>PLANT FAMILY - ALLIACEAE</b>				
<i>Nothoscordum borbonicum</i>	Onion Weed	1:200	Spray	Retreatment essential after flowering
<b>PLANT FAMILY - ALSTROEMERICEAE</b>				
<i>Alstroemeria psittacina</i>	NZ Christmas Bells	1:100 + surfactant	Spray	
<b>PLANT FAMILY - AMYGDALACEAE</b>				
<i>Prunus spp</i>	Flowering plums	Undiluted	cut stump/drill/axe cut/inject	
<b>PLANT FAMILY - ANACARDIACEAE</b>				
<i>Schinus terebinthifolia</i>	Broad Leaf Pepper Tree	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - ANTHERICACEAE</b>				
<i>Chlorophytum comosum</i> <i>including cv Variegatum</i>	Spider Lily, Spider Plant, Ribbon Grass, Variegated ribbon grass	1:75 + surfactant	Spray	
<b>PLANT FAMILY - APOCYNACEAE</b>				
<i>Araujia sericifera</i>	Moth Plant/Vine	1:50 + surfactant Undiluted	Spray seedling Cut stump/scrape stem	

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<b>PLANT FAMILY - AQUIFOLICEAE</b>				
<i>Ilex aquifolium</i>	Holly	1:1.5 Undiluted	Stem injection Cut and paint	Best applied in spring/summer Up to 40 mm girth
<b>PLANT FAMILY - ARALIACEAE</b>				
<i>Hedera helix</i>	English Ivy	1:100 + surfactant Undiluted	Spray Scrape stem	
<i>Schefflera actinophylla</i>	Umbrella Tree	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - ASPARAGACEAE</b>				
<i>Myrsiphyllum asparagoides</i>	Bridal Creeper	1:75 + surfactant OR metsulfuron methyl @ 5g/100L + surfactant	Spray	August to September only
<i>Protasparagus plumosus</i> <i>Protasparagus africanus</i>	Climbing or Ferny Asparagus Asparagus Fern	1:50 + surfactant Undiluted	Spray Cut stump/scrape stem	
<i>Protasparagus aethiopicus</i>	Asparagus Fern or Ground Asparagus	1:50 + surfactant OR metsulfuron methyl Undiluted	Spray Cut stump/stem scrape	

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<b>PLANT FAMILY - ASTERACEAE</b>				
<i>Ageratina adenophora</i>	Crofton weed	1:100	Spray	
<i>Ageratina riparia</i>	Mistflower	1:100	Spray	
<i>Ageratum houstonianum</i>	Blue Billygoat weed	1:100 Undiluted	Spray Cut stump/scrape stem	
<i>Bidens pilosa</i>	Cobblers Peg	1:100	Spray	
<i>Chrysanthemoides monilifera</i> <i>ssp monilifera &amp; rotundata</i>	Bitou Bush, Boneseed	1:100-200 Undiluted	Spray Cut stump	Best applied in winter months
<i>Conyza spp.</i>	Fleabane	1:100	Spray	
<i>Coreopsis lanceolata</i>		1:100	Spray	
<i>Delairea odorata</i>	Cape Ivy	1:50 + surfactant 1:1.5	Spray Cut stump/scrape stem	
<i>Senecio macroglossus</i>	Natal Ivy	1:50 + surfactant 1:1.5	Spray Cut stump/scrape stem	
<i>Sphagneticola trilobata</i>	Singapore daisy	1:100 + surfactant	Spray	
<i>Tithonia diversifolia</i>	Japanese daisy	1:100 + surfactant	Spray	
<b>PLANT FAMILY - BALSAMINACEAE</b>				
<i>Impatiens walleriana</i>	Busy Lizzie	1:100 + surfactant	Spray	
<b>PLANT FAMILY - BASSELAACEAE</b>				
<i>Anredera cordifolia</i>	Madeira Vine	1:50 + surfactant	Spray seedling	
		1:1.5	Cut stump/scrape stem/inject	

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<b>PLANT FAMILY - BIGNONIACEAE</b>				
<i>Macfadyena unguis-cati</i>	Cat's Claw or Cat's Claw Creeper	1:100 + surfactant Undiluted	Spray (to kill regrowth) Cut stump/scrape stem/inject	
<b>PLANT FAMILY - CACTACEAE</b>				
<i>Opuntia stricta</i>	Prickly Pear	1:10 OR metsulfuron methyl Undiluted	Spray Inject	
<b>PLANT FAMILY - CANNACEAE</b>				
<i>Canna indica</i>	Canna Lily	1:100 + surfactant	Spray	
<b>PLANT FAMILY - CAPRIFOLIACEAE</b>				
<i>Leycesteria formosa</i>	Himilayan honeysuckle	Undiluted	Cut and paint	
<i>Lonicera japonica</i>	Honeysuckle or Japanese Honeysuckle	1:50 + surfactant Undiluted	Spray regrowth Cut stump/scrape stem	
<b>PLANT FAMILY - COLCHICACEAE</b>				
<i>Gloriosa superba</i>	Glory Lily	1:50 + surfactant 1:1.5	Spray regrowth Cut stump/scrape stem	
<b>PLANT FAMILY - COMMELINACEAE</b>				
<i>Callisia fragrans</i>	Callisia	1:50 + surfactant	Spray	
<i>Commelina benghalensis</i>	Hairy Commelina	1:50 + surfactant	Spray	
<i>Tradescantia albiflora</i>	Wandering Jew	1:50 + surfactant	Spray	Treat in winter or early spring for best results.
			Spray regrowth	Apply 2 sprays 6-8 weeks apart. Retreatment essential.

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<b>PLANT FAMILY - CONVULVACEAE</b>				
<i>Ipomoea indica</i> <i>Ipomoea cairica</i> <i>Ipomoea alba</i>	Morning Glory Coastal Morning Glory White Morning Glory	1:50 + surfactant Undiluted	Spray Scrape stem/cut stump	Especially seedlings
<b>PLANT FAMILY - CRASSULACEAE</b>				
<i>Bryophyllum delagoense</i>	Mother-of-millions	metsulfuron methyl	Spray	
<i>Bryophyllum pinnatum</i>	Resurrection Plant	metsulfuron methyl	Spray	
<b>PLANT FAMILY - CYPERACEAE</b>				
<i>Cyperus rotundus</i>	Nutgrass	1:75 + surfactant	Spray	
<b>PLANT FAMILY - DAVALLIACEAE</b>				
<i>Nephrolepis cordifolia</i>	Fishbone Fern	1:100 + surfactant OR metsulfuron methyl	Spray	
<b>PLANT FAMILY - DRACAENACEAE</b>				
<i>Sansevieria trifasciata</i>	Mother-in-law's Tongue	metsulfuron methyl	Spray	
<b>PLANT FAMILY - EUPHORBIACEAE</b>				
<i>Euphorbia cyathophora</i>	Painted Spurge	1:100 + surfactant	Spray	
<i>Ricinus communis</i>	Castor Oil Tree	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs



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<b>PLANT FAMILY - FABACEAE</b>				
<i>Crotalaria incana ssp incana</i>	Rattlepod	1:100 + surfactant 1:1.5	Spray Cut stump/scrape stem	
<i>Cytisus scoparius</i>	Broom - Scotch/English	Undiluted to 1:6	cut stump/drill/axe cut/inject	Use higher rate for plants with stem diameter >5 cm
<i>Desmodium uncinatum</i>	Silver-leaf Desmodium	1:100 + surfactant 1:1.5	Spray Cut stump/scrape stem	
<i>Erythrina spp</i>	Coral Tree	Undiluted Undiluted	Cut stump Drill/axe cut/inject	
<i>Macroptilium atropurpureum</i>	Siratro	1:100 + surfactant 1:1-1.5	Spray Cut stump/scrape stem	Seedlings/coppice shoots
<i>Senna x floribunda</i>	Smooth Cassia	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Senna pendula</i>	Cassia	Undiluted	Cut stump/inject	
<i>Senna pendula var glabrata</i>	Winter Senna	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Ulex europaeus</i>		Undiluted	cut stump/drill/axe cut/inject	
<b>PLANT FAMILY - IRIDACEAE</b>				
<i>Bulb spp including Crocasmia crocosmiflora, Lilium formosanum, Watsonia angusta</i>		1:70 –100 + surfactant 1:1	Spray Wiper/weed wand	Spray between flowering and fruiting

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<b>PLANT FAMILY - JUNCACEAE</b>				
<i>Juncus acutus</i>	Spiny Rush	1:75	Spray	
<b>PLANT FAMILY - LAMIACEAE</b>				
<i>Plectranthus ciliatus</i>		1:100 + surfactant	Spray	
<b>PLANT FAMILY - LAURACEAE</b>				
<i>Cinnamomun camphora</i>	Camphor Laurel	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - MALACEAE</b>				
<i>Cotoneaster glaucophyllus</i>		Undiluted Undiluted	Cut stump Drill/axe cut/inject	
<i>Crataegus monogyna</i>	Hawthorn	Undiluted 1:100	cut stump/drill/axe cut/inject spray	
<i>Pyracantha angustifolia</i>	Firethorn	Undiluted Undiluted	Cut stump Drill/axe cut/inject	
<i>Rhaphiolepis indica</i>	Indian Hawthorn	Undiluted Undiluted	Cut stump Drill/axe cut/inject	
<b>PLANT FAMILY - MORACEAE</b>				
<i>Ficus elastica</i> <i>Ficus pumila</i>		Undiluted Undiluted	Drill/axe cut/inject Scrape stem	
<i>Morus alba</i>	White Mulberry	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs

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<b>PLANT FAMILY - MYRTACEAE</b>				
<i>Eucalyptus spp</i>		Undiluted	Drill/axe cut/inject	
<i>Lophostemon confertus</i>	Brush Box	Undiluted	Drill/axe cut/inject	
<b>PLANT FAMILY - OCHNACEAE</b>				
<i>Ochna serrulata</i>	Ochna	1:100 + surfactant Undiluted Undiluted	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - OLEACEAE</b>				
<i>Ligustrum lucidum</i> <i>Ligustrum sinense</i>	Broad/large-leaf Privet Small-leaf Privet	1:100 + surfactant Undiluted Undiluted	Spray (to kill regrowth) Cut stump/scrape stem Inject/axe cut	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Olea europaea africana</i>	African Olive	1:75-100 + surfactant Undiluted Undiluted	Spray Cut stump/scrape stem Inject/axe cut	Seedlings/coppice shoots Saplings (treat regrowth) Large trees & shrubs
<b>PLANT FAMILY - ORCHIDACEAE</b>				
<i>Epidendrum spp.</i>	Crucifix Orchid	metsulfuron methyl	Spray	
<b>PLANT FAMILY - PASSIFLORACEAE</b>				
<i>Passiflora edulis</i> <i>Passiflora foetida</i> <i>Passiflora suberosa</i> <i>Passiflora subpeltata</i>	Common Passionfruit Stinking Passionfruit Corky Passionfruit White Passionflower	1:100 + surfactant 1:1.5	Spray Cut stump/scrape stem	

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<b>PLANT FAMILY - PITTOSPORACEAE</b>				
<i>Pittosporum undulatum</i>	Sweet Pittosporum	1:100 Undiluted	Spray seedling Cut stump/inject/drill	
<b>PLANT FAMILY - POACEAE</b>				
<i>Andropogon virginicus</i>	Whisky Grass	1:100	Spray	
<i>Arundo donax</i>	Elephant Grass	1:50 Undiluted	Spray Cut stump	
<i>Arundinaria spp., Bambusa spp</i> <i>Phyllostachys spp.</i>	Bamboo	1:50 Undiluted	Spray Cut stump	Spray regrowth at 0.5m
<i>Briza maxima</i> <i>Briza minor</i>	Quaking Grass Shivery Grass	1:150	Spray	
<i>Ehrharta spp</i>	Veldt Grass	1:150-200	Spray	
<i>Paspalum urvillei</i> <i>Paspalum paspalodes</i>		1:100	Spray	
<i>Setaria glauca &amp; geniculata</i>	Pigeon Grass	1:150-200	Spray	
<i>Setaria palmifolia</i>	Palm Grass	1:100+ surfactant	Spray	
<i>Stenotaphrum secundatum</i>	Buffalo Grass	1:100	Spray	
<b>PLANT FAMILY - POLYGONACEAE</b>				
<i>Acetosa sagittata</i>	Turkey Rhubarb	1:100 + surfactant Undiluted	Spray Scrape stem	
<b>PLANT FAMILY - PHYTOLACCACEAE</b>				
<i>Phytolacca octandra</i>	Inkweed	1:100 + surfactant	Spray	
<i>Rivina humilis</i>	Coral Berry			

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<b>PLANT FAMILY - ROSACEAE</b>				
<i>Rosa rubiginosa</i>	Sweet briar	Undiluted	cut stump/drill/axe cut/inject	
<i>Rubus fruticosus</i>	Blackberry	Undiluted	Cut stump/scrape stem	
<b>PLANT FAMILY - RUBIACEAE</b>				
<i>Coffea arabica</i>	Coffee	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - RUTACEAE</b>				
<i>Murraya paniculata</i>	Orange Jessamine	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY – SAPINDACEAE</b>				
<i>Cardiospermum grandiflorum</i>	Balloon Vine	1:1.5 1:100 + surfactant	Cut Stump Spray	Re-treat regrowth
<b>PLANT FAMILY - SOLANACEAE</b>				
<i>Cestrum parqui</i>	Green Cestrum	Undiluted	Drill/scrape stem/cut stump	
<i>Lycium ferocissimum</i>	African Boxthorn	Undiluted	Drill/axe cut/scrape stem	
<i>Solanum mauritianum</i>	Tobacco Bush or Wild Tobacco	1:100 + surfactant Undiluted Undiluted	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Solanum seaforthianum</i>	Brazilian Nightshade	1:100 + surfactant 1:1.5	Spray Cut stump/scrape stem	
<b>PLANT FAMILY - TROPAEOLACEAE</b>				
<i>Tropaeolum majus</i>	Nasturtium	1:100 + surfactant	Spray	

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<b>PLANT FAMILY - ULMACEAE</b>				
<i>Celtis sinensis</i>	Chinese Hackberry	1:100 + surfactant 1:1.5 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<b>PLANT FAMILY - VERBENACEAE</b>				
<i>Lantana camara</i>		Undiluted	Cut stump/drill	
<i>Verbena bonariensis</i>		1:100	Spray	