



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

PERMIT NUMBER -PER9158

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 13 MARCH 2006 to 31 MARCH 2010 .

**Permit Holder:
NSW AGRICULTURE
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 AND OTHER REGISTERED PRODUCTS Containing 600.00 g/kg METSULFURON-METHYL as their active constituents.

Directions for Use:

Situation	Pest	Rate
URBAN BUSHLAND & FORESTS.	VARIOUS WEEDS AS CONTAINED IN ATTACHMENT 1.	At the rates as contained in Attachment 1.
COASTAL RESERVES: REFER TO CRITICAL COMMENTS FOR PRODUCT USE DETAILS.		

Critical Use Comments:

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

These product should 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 **360g/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

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 water 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.

Issued by

Delegated Officer

ATTACHMENT 1:

WEED - SCIENTIFIC NAME	WEED - COMMON NAME	APPLICATION RATE parts glyphosate : parts water <i>OR</i> metsulfuron-methyl 1-2g/10L water + non-ionic surfactant (0.1% or 1ml/L)	APPLICATION METHOD	CRITICAL COMMENT
<i>Acetosa sagittata</i>	Turkey Rhubarb	1:100 1:1.5	Spray Scrape stem	
<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	Spray	
<i>Alstroemeria psittacina</i>	NZ Christmas Bells	1:100	Spray	
<i>Andropogon virginicus</i>	Whisky Grass	1:100	Spray	
<i>Anredera cordifolia</i>	Madeira Vine	1:50 1:1.5	Spray seedling Cut stump/scrape stem	
<i>Araujia sericiflora</i>	Moth Plant/Vine	1:50 1:1.5	Spray seedling Cut stump/scrape stem	
<i>Arundo donax</i>	Elephant Grass	1:50 1:1.5	Spray Cut stump	
<i>Bambusa spp</i> <i>Phyllostachys spp</i> <i>Arundinaria spp</i>	Bamboo	1:50 1:1.5	Spray Cut stump	Spray regrowth up to 0.5m only, Retreatment necessary.
<i>Bidens pilosa</i>	Cobblers Peg	1:100	Spray	
<i>Briza maxima</i> <i>Briza minor</i>	Quaking Grass Shivery Grass	1:150	Spray	
<i>Bryophyllum delagoense</i>	Mother-of-millions	metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Bryophyllum pinnatum</i>	Resurrection Plant	metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Canna indica</i>	Canna Lily	1:100	Spray	
<i>Cardiospermum grandiflorum</i>	Balloon Vine	1:100 1:1.5	Spray Cut stump/scrape stem/paint	Re-treat regrowth
<i>Callisia fragrans</i>	Callisia	1:50	Spray	
<i>Celtis sinensis</i>	Chinese Hackberry	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Cestrum parqui</i>	Green Cestrum	1:1.5	Drill/scrape stem	
<i>Chlorophytum comosum</i>	Spider Lily, Spider Plant, Ribbon Grass	1:75	Spray	
<i>Chlorophytum comosum cv</i> <i>Variegatum</i>	Variegated ribbon grass	1:75	Spray	

<i>Chrysanthemoides monilifera</i> <i>ssp monilifera & rotundata</i>	Bitou Bush, Boneseed	1:100-200 1:1.5	Spray Cut stump	Best applied in winter months
<i>Cinnamomun camphora</i>	Camphor Laurel	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Crataegus spp</i>	Hawthorn	1:1.5	Cut stump/drill/axe cut/inject	
		1:100	Spray	
<i>Crococsmia crocosmiiflora</i>	Monbretia	1:70-100 1:1	Spray Weed wand	Spray between flowering and fruiting
<i>Coffea arabica</i>	Coffee	1:100	Spray	Seedlings/coppice shoots
		1:1.5	Cut stump/scrape stem Inject	Saplings Large trees & shrubs
<i>Commelina benghalensis</i>	Hairy Commelina	1:50	Spray	
<i>Conyza spp</i>	Fleabane	1:100	Spray	
<i>Coreopsis lanceolata</i>		1:100	Spray	
<i>Cotoneaster glycophylla</i>		1:1.5	Cut stump Drill/axe cut/inject	
<i>Crotalaria incana ssp incana</i>	Rattlepod	1:100	Spray	
		1:1.5	Cut stump/scrape stem	
<i>Cyperus rotundus</i>	Nutgrass	1:75	Spray	
<i>Cytisus scoparius</i>	Broom – Scotch or English	1:6	Cut stump/drill/axe cut/inject	Use higher rate for plants with stem diameter >50cm.
<i>Delairea odorata</i>	Cape Ivy	1:50	Spray	
		1:1.5	Cut stump/scrape stem	
<i>Desmodium uncinatum</i>	Silver-leaf Desmodium	1:100	Spray	
		1:1.5	Cut stump/scrape stem	
<i>Ehrharta spp</i>	Veldt Grass	1:150-200	Spray	
<i>Epidendrum sp</i>	Crucifix Orchid	metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Erythrina spp</i>	Coral Tree	1:1.5	Cut stump Drill/axe cut/inject	
<i>Eucalyptus spp</i>		1:1.5	Drill/axe cut/inject	
<i>Euphorbia cyathophora</i>	Painted Spurge	1:100 OR metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Ficus elastica</i> <i>Ficus pumila</i>		1:1.5	Drill/axe cut/inject	
			Scrape stem	
<i>Gloriosa superba</i>	Glory Lily	1:50	Spray regrowth	
		1:1.5	Cut stump/scrape stem	
<i>Hedera helix</i>	English Ivy	1:100	Spray	
		1:1.5	Scrape stem	

<i>Hypoestes phyllostachya</i>	Freckle Plant/Face	1:100	Spray	
<i>Ilex aquifolium</i>	Holly	1:1.5	Stem injection	Best applied in spring/summer
		1:1.5	Cut and paint	Up to 40mm girth
<i>Impatiens walleriana</i>	Busy Lizzie	1:100	Spray	
<i>Ipomoea indica</i>	Morning Glory	1:50	Spray	Especially seedlings
<i>Ipomoea cairica</i>	Coastal Morning Glory	1:1.5	Scrape stem/cut stump	
<i>Ipomoea alba</i>	White Morning Glory			
<i>Juncus acutus</i>	Spiny Rush	1:75	Spray	
<i>Lantana camara</i>		1:1.5	Cut stump/drill	
<i>Leycestria Formosa</i>	Himalayan honeysuckle	1:1.5	Cut and paint	
<i>Ligustrum lucidum</i>	Broad/large-leaf Privet	1:100	Spray (to kill regrowth)	Seedlings/coppice shoots
		1:1.5	Cut stump/scrape stem Inject/axe cut	Saplings Large trees & shrubs
<i>Ligustrum sinense</i>	Small-leaf Privet	1:100	Spray (to kill regrowth)	Seedlings/coppice shoots
		1:1.5	Cut stump/scrape stem Inject/axe cut	Saplings Large trees & shrubs
<i>Lilium formosanum</i>	Bulb spp incl	1:70-100	Spray	Spray at flowering
		1:1	Weed wand	
<i>Lonicera japonica</i>	Honeysuckle or Japanese Honeysuckle	1:50	Spray regrowth	
		1:1.5	Cut stump/scrape stem	
<i>Lophostemon confertus</i>	Brush Box	1:1.5	Drill/axe cut/inject	
<i>Lycium ferocissimum</i>	African Boxthorn	1:1.5	Drill/axe cut/scrape stem	
<i>Macfadyena unguis-cati</i>	Cat's Claw or Cat's Claw Creeper	1:100	Spray (to kill regrowth)	
		1:1.5	Cut stump/scrape stem/inject	
<i>Macroptilium atropurpureum</i>	Siratro	1:100	Spray	Seedlings/coppice shoots
		1:1-1.5	Cut stump/scrape stem	
<i>Morus alba</i>	White Mulberry	1:100	Spray	Seedlings/coppice shoots
		1:1.5	Cut stump/scrape stem Inject	Saplings Large trees & shrubs
<i>Murraya paniculata</i>	Orange Jessamine	1:100	Spray	Seedlings/coppice shoots
		1:1.5	Cut stump/scrape stem Inject	Saplings Large trees & shrubs
<i>Myrsiphyllum asparagoides</i>	Bridal Creeper	1:75 OR metsulfuron-methyl @ 5g/100L + non-ionic surfactant	Spray	August to September only
<i>Nephrolepis cordifolia</i>	Fishbone Fern	1:100 OR metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Nothoscordum inodorum</i>	Onion Weed	1:200	Spray	Treat at flowering. Retreatment necessary.
		1:2	Paint stem	

<i>Ochna serrulate</i>	Ochna	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Olea europaea africana</i>	African Olive	1:75-100 1:1.5	Spray Cut stump/scrape stem Inject/axe cut	Seedlings/coppice shoots Saplings (treat regrowth) Large trees & shrubs
<i>Opuntia stricta</i>	Prickly Pear	1:10 OR metsulfuron-methyl + non-ionic surfactant 1:1.5	Spray Inject	
<i>Paspalum urvillei</i> <i>Paspalum paspalodes</i>		1:100	Spray	
<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 1:1.5	Spray Cut stump/scrape stem	
<i>Pellaea viridis</i>		metsulfuron-methyl + non-ionic surfactant		
<i>Phytolacca octandra</i>	Inkweed	1:100	Spray	
<i>Pityrogramma austroamericana</i>	Gold Fern	metsulfuron-methyl + non-ionic surfactant		
<i>Pittosporum undulatum</i>	Sweet Pittosporum	1:100 1:1.5	Spray seedling Cut stump/inject/drill	
<i>Plectranthus ciliatus</i>		1:100	Spray	
<i>Protasparagus plumosus</i>	Climbing Asparagus or Ferny Asparagus	1:50 1:1.5	Spray Cut stump/scrape stem	
<i>Protasparagus africanus</i>	Asparagus Fern	1:50 1:1.5	Spray Cut stump/scrape stem	
<i>Protasparagus aethiopicus</i>	Asparagus Fern or Ground Asparagus	1:50 OR metsulfuron-methyl + non-ionic surfactant 1:1.5	Spray Cut stump/stem scrape	
<i>Prunus spp</i>	Flowering plums	1:1.5	Cut stump/drill/axe cut/inject	
<i>Pyracantha angustifolia</i>	Firethorn	1:1.5	Cut stump Drill/axe cut/inject	
<i>Raphirolepis indica</i>	Indian Hawthorn	1:1.5	Cut stump Drill/axe cut/inject	
<i>Ricinus communis</i>	Castor Oil Tree	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Rivina humilis</i>	Coral Berry	1:100	Spray	
<i>Rosa rubiginosa</i>	Sweet Briar	1:1.5	Cur stump/drill/axe cut/inject	

<i>Rubus fruticosus</i>	Blackberry	1:1.5 metsulfuron-methyl + non-ionic surfactant	Cut stump/scrape stem Spray	
<i>Sansevieria trifasciata</i>	Mother-in-law's Tongue	metsulfuron-methyl + non-ionic surfactant	Spray	
<i>Schefflera actinophylla</i>	Umbrella Tree	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Schinus terebinthifolia</i>	Broad Leaf Pepper Tree	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Senecio macroglossus</i>	Natal Ivy	1:50 1:1.5	Spray Cut stump/scrape stem	
<i>Setaria glauca & geniculata</i>	Pigeon Grass	1:150-200	Spray	
<i>Senna x floribunda</i>	Smooth Cassia	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Senna pendula</i>	Cassia	1:1.5	Cut stump/inject	
<i>Senna pendula var glabrata</i>	Winter Senna	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Setaria palmifolia</i>	Palm Grass	1:100	Spray	
<i>Solanum mauritianum</i>	Tobacco Bush or Wild Tobacco	1:100 1:1.5	Spray Cut stump/scrape stem Inject	Seedlings/coppice shoots Saplings Large trees & shrubs
<i>Solanum seaforthianum</i>	Brazilian Nightshade	1:100 1:1.5	Spray Cut stump/scrape stem	
<i>Stenotaphrum secundatum</i>	Buffalo Grass	1:100	Spray	
<i>Tithonia diversifolia</i>	Japanese daisy	1:100	Spray	
<i>Tradescantia albiflora</i>	Wandering Jew	1:50	Spray Spray regrowth	Treat in winter or early spring for best results. Apply 2 sprays 6-8 weeks apart. Retreatment essential.
<i>Tropaeolum majus</i>	Nasturtium	1:100	Spray	
<i>Ulex europaeus</i>		1:1.5	Cut stump/drill/axe cut/inject	
<i>Verbena bonariensis</i>		1:100	Spray	
<i>Watsonia angusta</i>		1:70-100	Spray	
<i>Widelia trilobata</i>	Singapore daisy	1:100	Spray	