



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

**PERMIT TO ALLOW MINOR USE OF SPECIFIED AGVET CHEMICAL PRODUCTS
FOR THE CONTROL OF ENVIRONMENTAL WEEDS IN SOUTH AUSTRALIA**

PERMIT NUMBER – PER13371

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 MAY 2012 UNTIL 30 APRIL 2027

Permit Holder:

DEPARTMENT OF PRIMARY INDUSTRIES AND REGIONS SOUTH AUSTRALIA
CSIRO Building 1, Entry 4 Waite Road
URRBRAE SA 5064

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

ROUNDUP BIACTIVE HERBICIDE (APVMA no. 48518)

PLUS OTHER REGISTERED PRODUCTS

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

NUFARM WEEDMASTER DUO DUAL SALT TECHNOLOGY HERBICIDE (APVMA no. 53576)

PLUS OTHER REGISTERED PRODUCTS

Containing: 360 g/L GLYPHOSATE PRESENT AS THE ISOPROPYLAMINE AND MONO-AMMONIUM SALTS as their only active constituents.

CROPSURE CROPMASTER 450 HERBICIDE (APVMA no. 90260)

PLUS OTHER REGISTERED PRODUCTS

Containing: 450 g/L GLYPHOSATE PRESENT AS THE ISOPROPYLAMINE SALT as their only active constituent.

APPARENT BOW SAW 600 HERBICIDE (APVMA no. 65114)

PLUS OTHER REGISTERED PRODUCTS

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

Directions for Use:

Situation	Pest	Rate
Non-crop areas, Rights of way, roadsides and easements, Forest and conservation areas	ENVIRONMENTAL WEEDS as per Attachment 1.	As specified in Attachment 1.

Critical Use Comments:

The specified herbicides must be used following the use patterns and rates of application outlined in Attachment 1.

Jurisdiction:

South Australia only.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

Issued by the Australian Pesticides and Veterinary Medicines Authority.

Note: Permit extended to include Rhizomatous plants. Permit Version 2 issued 24 December 2012.

13 April 2017; permit holder name changed and expiry date extended until 30 March 2022. Permit issued as Version 4.

29 April 2022: Wording and information updated slightly, expiry date extended until 30 April 2027. Permit issued as Version 5.

Attachment 1

a) Glyphosate

Active Ingredient	Application Method	Application rate	Weed Category	Species Example (including others as listed on page 7 of this permit).
450g/L glyphosate as the isopropylamine salt	Cut stump (Rate depends on pest, product label may provide some guidance as to suitability of the rate for a particular pest.)	Undiluted	woody weeds	dog rose, NZ mirror bush, bush olive, sweet pittosporum
		1 L: 1 L water	woody weeds	<i>Acacia</i> spp., blackberry, boneseed, brooms, <i>Erica</i> spp., eucalypts, fig, gorse, wonga vine
	Stem injection by drill (Space drill holes every 10cm around circumference.)	Undiluted (2mL/cut)	woody weeds	castor oil plant, <i>Erica</i> spp., Italian buckthorn, olive, peppertree, <i>Pinus</i> spp., plums, sweet pittosporum
	Spot spray	100 mL : 10 L water surfactant or spray oil may be added	herbaceous weeds including grasses	African daisy, annual & perennial grasses, <i>Asparagus</i> spp., bulbil watsonia, caltrop, clover, evening primrose, fennel, fumitory, mallow pimpernel, pincushion, plantain, red valerian, salsify, salvation Jane, stinkwort, St Johns wort, Tangier pea, thistles, twiggie mullein, wild mignonette
		100 mL : 10L water	woody weeds	boneseed, brooms, cotton bush, <i>Solanum</i> spp., thornapple
		130 mL : 10 L water + spray oil	perennial grasses	African lovegrass
		100 mL: 10L water	African rue	African rue
	Cut and Swab	8 – 40 mL / Litre	rhizomatous plants	arum lily (<i>Zantedeschia aethiopica</i>), agapanthus (<i>Agapanthus praecox</i>)
	Weed wiper sponge or brush	8 – 40 mL / Litre		

360 g/L glyphosate as the isopropylamine salt and the mono-ammonium salt	Weed wiper sponge or brush	1 L: 1 L water	<i>Monadenia</i>	monadenia
	Cut stump (Rate depends on pest, product label may provide some guidance as to suitability of the rate for a particular pest.)	Undiluted	woody weeds	dog rose, NZ mirror bush, bush olive, sweet pittosporum
		1 L: 1 L water	woody weeds	Acacia spp., blackberry, boneseed, brooms, eucalypts, fig, gorse, olive, sweet pittosporum, wonga vine
	Stem injection by Drill (Space drill holes every 10cm around circumference.)	Undiluted	woody weeds	castor oil plant, <i>Erica</i> spp., Italian buckthorn, olive, peppertree, <i>Pinus</i> spp., plums, sweet pittosporum
	weed wiper sponge or brush	1 L: 2 L water surfactant may be added	herbaceous weeds eg grasses, irids and lilies	belladonna lily, bridal creeper, bulbil watsonia, freesia, Guildford grass, tazetta, onion weed, canary grass, salsify, <i>Sparaxis</i> spp., star of Africa, three cornered garlic
	spot spray	100 mL: 10 L water surfactant or spray oil may be added	herbaceous weeds including grasses	African daisy, annual & perennial grasses, <i>Asparagus</i> spp., bulbil watsonia, caltrop, clover, evening primrose, fennel, fumitory, mallow, pimpernel, pincushion, plantain, red valerian, salsify, salvation Jane, stinkwort, St Johns wort, Tangier pea, thistles, twiggie mullein, wild mignonette
		100 mL : 10L water	woody weeds	boneseed, brooms, cotton bush, <i>Solanum</i> spp., thornapple
		130 mL : 10L water + spray oil	perennial grasses	African lovegrass
		200 mL: 10 L water	<i>Monadenia</i>	monadenia
		100 L: 10L water	African rue	African rue
	Cut and Swab	10 – 50 mL / Litre	rhizomatous plants	arum lily (<i>Zantedeschia aethiopica</i>), agapanthus (<i>Agapanthus praecox</i>)
	Weed wiper sponge or brush	10 – 50 mL / Litre		

b) Metsulfuron-methyl

Active Ingredient	Application Method	Application rate	Weed Category	Species Example (including others as listed on page 7 of this permit).
600 g/kg metsulfuron Methyl	boom spray	10g: 400L water / ha	onion weed	onion weed
		10g: 400L water / ha	three cornered garlic	three cornered garlic
	spot spray	1.5g: 100L water + surfactant	bridal creeper	bridal creeper
		2.5g: 100L water	bulb-producing herbaceous weeds	belladonna lily, tazetta, onion weed, star of Africa, three cornered garlic
		3g: 100L water + surfactant	herbaceous weeds	clover, Guildford grass, medics, plantain, salvation Jane, smooth cat's ear, soursob
		5g: 100L water + surfactant	horehound	horehound
		10g: 100L water + surfactant	herbaceous weeds	bulbil watsonia, pincushion
		15g: 100L water + surfactant	woody weeds	Olive
	Cut and Swab	0.5g – 1 g/ 10 Litre	rhizomatous plants	arum lily (<i>Zantedeschia aethiopica</i>), agapanthus (<i>Agapanthus praecox</i>)
	Weed wiper sponge or brush	0.5g – 1 g/ 10 Litre		

c) Combinations of Glyphosate and Metsulfuron-methyl

Active Ingredient	Application Method	Application rate	Weed Category	Species Example (including others as listed on page 7 of this permit).
360 g/L glyphosate as the isopropylamine salt + 600 g/kg metsulfuron methyl	spot spray	(Glyphosate 400 mL + metsulfuron 3g): 100L water + surfactant	perennial herbaceous weeds	bulbil watsonia, Coolatai grass, periwinkle
	spot spray	(Glyphosate 1 L + metsulfuron 3g): 100L water + surfactant	Woody weeds	blackberry, brooms, gorse, olive, wonga vine
		(Glyphosate 1 L + metsulfuron 10g): 100L water +1- penetrant & spray oil	Woody shrub weeds	castor oil plant, olive
		(Glyphosate 200ml + metsulfuron 10g): 100 L water	Cape broom	Cape broom
	Cut and Swab	(Glyphosate 100 – 500 mL + metsulfuron 0.5 g – 1 g): 10 Litres water	rhizomatous plants	arum lily (<i>Zantedeschia aethiopica</i>), agapanthus (<i>Agapanthus praecox</i>)
	Weed wiper sponge or brush	(Glyphosate 100 – 500 mL glyphosate + metsulfuron 0.5 g – 1 g): 10 Litres water		
450 g/L glyphosate as the isopropylamine salt + 600 g/kg metsulfuron-methyl	spot spray	(Glyphosate 400 mL + metsulfuron 10g): 100L water	bulbil watsonia	bulbil watsonia

Examples of additional species

Common Name	Botanical Name	Common Name	Botanical Name	Common name	Botanical Name
African boxthorn	<i>Lycium ferocissimum</i>	Galenia	<i>Galenia</i> spp.	St Johns wort	<i>Hypericum perforatum</i>
African daisy	<i>Senecio pterophorus</i>	Giant reed	<i>Arundo donax</i>	Sweet pittosporum	<i>Pittosporum undulatum</i>
African lovegrass	<i>Eragrostis curvula</i>	Gorse	<i>Ulex europaeus</i>	Tangier pea	<i>Lathyrus tingitanus</i>
African rue	<i>Peganum harmala</i>	Guildford grass	<i>Romulea</i> spp.	Tazetta	<i>Narcissus tazetta</i>
Agapanthus	<i>Agapanthus praecox</i>	Harlequin flower	<i>Sparaxis</i> spp.	Thornapple	<i>Datura</i> spp.
Artichoke thistle	<i>Cynara cardunculus</i>	Hawthorn	<i>Crataegus</i> spp.	Three-cornered garlic	<i>Allium triquetrum</i>
Arum lily	<i>Zantedeschia aethiopica</i>	Heath	<i>Erica</i> spp.	Twiggy mullein	<i>Verbascum virgatum</i>
Belladonna lily	<i>Amaryllis belladonna</i>	Horehound	<i>Marrubium vulgare</i>	Wild tobacco	<i>Solanum mauritianum</i>
Blackberry	<i>Rubus</i> spp.	Innocent weed	<i>Cenchrus longispinus</i>	Wonga vine	<i>Pandorea</i> spp.
Boneseed	<i>Chrysanthemoides monilifera</i>	Italian buckthorn	<i>Rhamnus alaternus</i>		
Bridal creeper	<i>Asparagus asparagoides</i>	Kikuyu	<i>Pennisetum clandestinum</i>		
Buchan weed	<i>Hirschfeldia incana</i>	Mallow	<i>Malva</i> spp.		
Bulbil watsonia	<i>Watsonia meriana</i> var. <i>bulbillifera</i>	Medics	<i>Medicago</i> spp.		
Caltrop	<i>Tribulus terrestris</i>	Monadenia	<i>Disa bracteata</i>		
Canary grass	<i>Phalaris</i> spp.	Morning glory	<i>Ipomoea indica</i>		
Cape broom	<i>Genista monspessulana</i>	Nightshade	<i>Solanum</i> spp.		
Castor oil plant	<i>Ricinus communis</i>	NZ mirror bush	<i>Coprosma repens</i>		
Cat's ear	<i>Hypochaeris</i> spp.	Olive	<i>Olea europaea</i>		
Century plant	<i>Agave americana</i>	Onion weed	<i>Asphodelus fistulosus</i>		
Clover	<i>Trifolium</i> spp.	Pampas grass	<i>Cortaderia</i> spp.		
Coolatai grass	<i>Hyparrhenia hirta</i>	Pepper tree	<i>Schinus molle</i>		
Cotton bush	<i>Asclepias rotundifolia</i>	Periwinkle	<i>Vinca major</i>		
Cut-leaf mignonette	<i>Reseda lutea</i>	Pimpernel	<i>Anagallis arvensis</i>		
Dog rose	<i>Rosa canina</i>	Pincushion	<i>Scabiosa atropurpurea</i>		
Eucalypts	<i>Eucalyptus</i> and <i>Corymbia</i> spp.	Plantain	<i>Plantago</i> spp.		
Evening primrose	<i>Oenothera stricta</i>	Plums	<i>Prunus</i> spp.		
False caper	<i>Euphorbia terracina</i>	Red valerian	<i>Centranthus</i> spp.		
Fennel	<i>Foeniculum vulgare</i>	Salsify	<i>Tragopogon porrifolius</i>		
Fig	<i>Ficus</i> spp.	Salvation Jane	<i>Echium plantagineum</i>		
Freesia	<i>Freesia</i> spp.	Soursob	<i>Oxalis pes-caprae</i>		
Fumitory	<i>Fumaria</i> spp.	Star of Africa	<i>Ornithogalum arabicum</i>		
		Stinkwort	<i>Dittrichia graveolens</i>		