

UNWANTED TREES
- FOR NSW, ACT, QLD, WA, TAS, VIC, NT ONLY
Restrains: DO NOT apply to trees under stress or to trees that are not actively growing.

METHOD	UNWANTED TREES	TREE SIZE	RATE	CRITICAL COMMENTS
Stem Injection	Flooded gum, Ghost gum, Gum topped bloodwood, Messmate stringybark, Narrowleaf Ironbark, Pink bloodwood, Poplar Box, Privet, Rhus, Spotted gum, Silverleaf Ironbark, Silvertop ash (Ironbark), Swamp Mahogany, White mahogany, Willows	Basal dia. to 25cm	Undiluted 1mL/cut	Use a specially calibrated applicator which can deliver 1 or 2mL. Make a cut at an oblique angle about 5cm deep. Ensure cut penetrates the bark to the sap stream and that product is injected as soon as possible after the cut has been made. Cuts should be 13cm apart around the tree below any branching. Remove or treat branches below the cut. For multi stemmed trees treat each stem as an individual tree.
		Basal dia. over 25cm to 60cm	Undiluted 2mL/cut	
	Camphor Laurel	Basal dia. to 25cm Basal dia. over 25cm to 60cm	Mixture 1:1 2mL/cut Undiluted 2mL/cut	
Foliar application: Low volume (Gas gun or Splatter gun)	Bullich, Marri, Jarrah	0-1.5m height	1:15 Add Pulse at 20mL/10L spray mixture	Dilute product in the recommended ratio. Calibrate splatter gun to apply 5mL of solution per dose, as a fine spray. Apply 5mL per 0.5m tree height. Ensure spray contacts all foliage.
	Eucalyptus spp.	0-1.5m height	1:5 Add Pulse at 20mL/10L spray mixture	
Cut stump	Jarrah, Longleaf box, Marri, Messmate Stringybark, Narrowleaf peppermint	0-10cm basal dia.	1:15	Dilute the product with water at the recommended use rate. Cut tree close to the ground and immediately wet the stump surface by swab, spray, splatter gun or brush. Remove any branches on the stump and treat the surface.
	Privet, Rhus	0-30 cm basal dia.	1:1	
Foliar application: High volume (Knapsack or handgun)	Eucalyptus species Willows	0-2.0m in height	1.0 – 1.3L per 100L When treating Eucalyptus species add Pulse at 200mL/100L spray mixture.	Ensure all foliage is wet. Use the higher rate for trees 1 to 2 m high.

ANNUAL WEEDS - NON CULTIVATED SITUATIONS FOR ALL STATES

WEEDS CONTROLLED	APPLICATION RATE			CRITICAL COMMENTS
	Handgun Vol/TL	Knapsack Per 15 L	Boom L/ha	
Amaranth (<i>Amaranthus</i> sp.), Barley grass <i>Hordeum leporinum</i> , Barnyard grass <i>Echinochloa</i> spp., Brome Grass <i>Bromus</i> spp., Caltrop <i>Tribulus terrestris</i> , Canary Grass <i>Phalaris</i> spp., Capeweed <i>Arctotheca calendula</i> , Volunteer Cereals (Wheat, barley, oats, sorghum), Chickweed <i>Stellaria media</i> , Doublegee (<i>Spiny emex</i>) <i>Emex australis</i> , <i>Erodium</i> <i>Erodium</i> spp., <i>Fumitory</i> <i>Fumaria officinalis</i> / <i>Fumaria muralis</i> , Ground Cherry <i>Physalis viscosa</i> , Lesser Swinecress <i>Coronopus didymus</i> , Liverseed Grass, <i>Urochloa panicoides</i> , Mintweed <i>Salvia reflexa</i> , Paradoxa grass <i>Phalaris paradoxa</i> , Paterson's Curse <i>Echium plantagineum</i> , Pigweed <i>Portulaca oleracea</i> , Ryegrass <i>Lolium rigidum</i> , Saffron thistle, <i>Carthamus lanatus</i> , Silver Grass <i>Vulpia</i> spp., Spurge <i>Euphorbia</i> spp., Sub. Clover <i>Trifolium subterraneum</i> , Thomapple <i>Datura</i> sp., Wild Mustard <i>Sisymbrium officinale</i> , Wild Oats <i>Avena fatua</i> , Wild Turnip <i>Brassica tournefortii</i> , Winter grass <i>Poa annua</i> , Variegated thistle <i>Silybum marianum</i>	5 mL to 7 mL per TL	75mL to 100mL	Boom L/ha 2L to 3L	<ul style="list-style-type: none"> Apply only to plants which are actively growing and not suffering stress. The effects of Glyphosate 360 Aquatic Tuffweed may not be apparent for 3-7 days under normal conditions and up to 20-30 days in cool conditions. Use lower rates when emerged weeds are less than 15cm in diameter and the higher rate for weeds over 15 cm in diameter. Glyphosate 360 Aquatic Tuffweed is non residual. Repeat treatments may be necessary to control later germinations of weeds. Tank-mixes of Atrazine Flowable or Simazine Flowable with Glyphosate 360 Aquatic Tuffweed will provide residual control. Refer to "Tank Mixtures" Section. <p>For Wiper Equipment and Controlled Droplet Applicators see Application section</p>

PERENNIAL WEEDS - NON CULTIVATED SITUATIONS

WEEDS CONTROLLED	STATE	APPLICATION RATE			CRITICAL COMMENTS
		Handgun/ Knapsack Vol/1L	Boom L/ha	Low volume Product: water	
Bamboo (<i>Bambusa</i> spp.)	All States	10mL	-	-	Apply to actively growing foliage and/or regrowth which is between 1m and 2m tall. Cut stump: dilute to 1:6 ie mix 1 part Glyphosate 360 Aquatic Tuffweed plus 6 parts water. Cut stems back to 20cm high, pour mixture down hollow stem or wet the cut.
Bent grass	Vic, Tas only	Vic, Tas only	2.5L	-	Apply to actively growing plants in late spring when they have some seed-head development, but before summer moisture stress. Follow-up management is required. Full disturbance with a tined implement should follow 10-21 days after spraying. Then follow with a summer crop and/or re-seeded pasture or crop in the following autumn.
Blady grass	Qld, NSW, ACT only	13mL	9L	-	Apply to actively growing plants in the early head stage.
Bitou bush/ Bone seed <i>Chrysanthemoides monilifera</i>	Qld, NSW, Vic, Tas, ACT only	5 or 10mL	-	1:29 or 1:19	Plants must be actively growing. Do not spray bushes under stress. Best results will be achieved during Winter when bushes are flowering. As no residual control is provided, further treatment of germinating weed seedlings may be necessary. Use the higher rate (1:19) on bushes over 1.5m high. LOW VOLUME APPLICATION: (eg Splatter gun gas gun): Ensure spray contacts all foliage. Use the higher rate (1:19) on bushes over 1.5m high
Blackberry, <i>Rubus fruticosus</i> L. agg	All States	10-13 mL	-	-	Apply from January to May (flowering to leaf fall). Spray plants which are not under stress to thoroughly wet all foliage but not to cause excessive run off. Use the Higher Rate for dense, old stands over 2m high. Visible symptoms may not be fully apparent until next season. Burning (after complete brown out), pasture improvement and/or further treatment may be needed to control seedlings and regrowth. The use of CDA equipment is not recommended. TAS ONLY: Do not spray bushes bearing mature fruit.
Boxthorn, African <i>Lycium ferocissimum</i>	All States	7-10 mL	-	-	Spray to wet all foliage but not to cause excessive run off. Use the Lower Rate for young bushes and the Higher Rate for bigger mature bushes. Burning (after complete brown out), pasture improvement and/or further treatment may be needed to control seedlings and regrowth. Do not spray during hot, dry summer periods. The use of CDA equipment is not recommended.
Bracken <i>Pteridium esculentum</i>	All States	15 mL	9L	-	For boom application always add Pulse1 Surfactant (200mL per 100L spray). Wiper application is recommended (see Wiper Equipment section). Slash bracken in previous spring/summer. Apply in March-May to completely unfurled fronds, actively growing. Visible symptoms may not be visible until next season. Follow up application is recommended. Preferably associated with Pasture improvement) to achieve complete control.
Carpet Grass <i>Axonopus</i> spp.	All States	5mL	3L	-	Apply to actively growing plants when most have reached the early head stage.
Cockstoot <i>Dactylis glomerata</i>	All States	7mL	3L	-	Apply to actively growing plants when most have reached the early head stage.
Couch <i>Cynodon dactylon</i>	All States	13mL	9L	-	For Couch in SA and WA apply in October - November. Apply to actively growing plants when most have reached the early head stage.
Crofton Weed	Qld, NSW, ACT only	5mL	-	-	Apply to plants with full foliage which are actively growing. Spray to wet all foliage but not to cause excessive run off. Seeding germination may have to be retreated.
Flatweed/ Cats Ear (<i>Hypochoeris radicata</i>)	All States	7mL	3L	-	Apply to fully developed rosettes at the early flower stage.
Gorse (<i>Furze</i>)	All States	10mL + Pulse1 2 mL	-	-	Apply to actively growing plants. May be applied all year round. Always add Pulse. Spray to wet all foliage. Burning (after complete brownout) pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth.
Groundsel Bush (<i>Baccharis halimifolia</i>)	Qld, NSW & ACT only	7mL-10mL	-	1:9	Apply to actively growing plants using the higher rate for plants over 2m tall. Do not spray plants during summer drought stress conditions or during winter. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to control seedlings and/or regrowth. LOW VOLUME application: (eg Splatter gun and gas gun): Use 1:9 mixture (10% of this product : water. Apply 2 x 2mL doses per 0.5m bush height. Ensure spray contacts all foliage. Use of CDA equipment is not recommended.
Guinea Grass <i>Paranicum maximum</i>	All States	13mL	9L	-	Apply to actively growing plants when most have reached the early head stage. For Wiper application see Wiper equipment.
Hawthorn (<i>Crataegus</i> spp.)	NSW, Vic, Tas, SA, WA, ACT only	10-13mL	-	1:9	Spray from flowering to leaf fall. Plants must be actively growing. Spray to thoroughly wet all foliage. Use the higher rate for plants over 2m tall. Burning (after complete brownout) pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. LOW VOLUME application: (eg Splatter gun and gas gun) Use 1:9 mixture (10% of this product: water. Apply 2 x 5mL doses per 0.5m bush height. Ensure spray contacts all foliage.
Hoary Cress (<i>Cardia draba</i>)	NSW, ACT, Vic, Tas only	5mL	1.5L	-	Apply to actively growing plants which are not under stress. Best results are obtained if application is made late July-September at late rosette to flowering stage. Application may be integrated with long fallow. Cultivation may start 7 days after spraying. Wiper application may be used where sufficient stem elongation occurs (see Wiper Equipment). TAS: Add a non-ionic surfactant (50-60% a.i) at 200-250mL/100L spray.
Johnson Grass, <i>Sorghum halepense</i> , Kangaroo Grass, <i>Themeda australis</i> , Kikuyu Grass, <i>Pennisetum clandestinum</i>	All States	10mL	6L	-	Apply to actively growing plants when most have reached the early head stage. For wiper application on Johnson grass, off-type and volunteer sorghum, see Wiper Equipment.
Lantana (<i>Lantana camara</i>)	Qld, NSW, ACT & NT only	10mL	-	1:9	Apply to plants with full foliage which are actively growing. Spray to thoroughly wet all foliage. Do not spray when plants are drought stressed in the summer. Pasture improvement, burning (after complete brown out) and/or retreatment of seedling regrowth may be required. Addition of Pulse (200mL/100L) may improve control. LOW VOLUME application: (eg Splatter gun and gas gun) Use 1:9 mixture (10% of this product : water. Apply 2 x 2mL doses per 0.5m bush height. Ensure spray contacts all foliage. Sprinkler Sprayer: Apply 6mL of a 1:9 solution to every square metre of treated area. Use of CDA equipment is not recommended.
Ludwigia <i>peruviana</i>	All States	10mL	-	-	Apply when actively growing and at or beyond the early bloom stage of growth, but before autumn colour changes occur. Thorough coverage is necessary for best control.
Love grass (African) (<i>Eragrostis curvula</i>)	NSW, ACT, Vic, WA only	10mL	6L	-	Apply to actively growing plants. To restrict seedling re-establishment pasture improvement is recommended.
Mistflower (<i>Eupatorium riparium</i>)	Qld, NSW, ACT only	5mL	-	1:9	Apply to plants with full foliage which are actively growing. Spray to thoroughly wet all foliage. Further treatment and/or pasture improvement may be necessary to restrict seedling re-establishment. Sprinkler Sprayer: Apply 3mL of a 1:9 (10%) solution to every square metre of treated area.
Nutgrass (<i>Cyperus rotundus</i>)	All States	10mL	6L	-	NON CULTIVATED SITUATIONS: Apply to actively growing plants in late Summer/Autumn (Feb-April) when at least 20% have reached the head stage.
Does not refer to other Cyperus species which may be known locally as nutgrass.		7mL + 7mL	3L + 3L	-	ARABLE LAND: Make first application when at least 20% of plants have reached early head stage (about Feb). Wait for most plants to re-emerge (6-8 weeks) then make a second treatment. Follow up treatments may be necessary as further plants emerge.
Pampas grass (<i>Cortaderia</i> sp.)	All States	10mL or 13mL	-	-	Use the higher rate for plants over 1m high. Apply during spring, summer or autumn. Plants must be actively growing. For best results ensure complete coverage of foliage and apply after flowering. Plants may first be slashed or burnt and regrowth (over 1m) may be treated.
Paragrass (<i>Brachiaria mutica</i>)	All States,	13mL	9L	-	Apply to actively growing plants at the early head stage.
Paspalum <i>Paspalum dilatatum</i>		10mL	6L	-	
Pellitory	NSW, ACT only	10mL	-	-	Apply to actively growing plants prior to seeding. Repeat applications may be required to control seedlings or regrowth.
Phalaris (<i>Phalaris aquatica</i>)	NSW, ACT, Vic, SA only	5mL-10mL	3- 6L	-	Apply in winter-spring to actively growing plants. Use lower rate where knockdown is required eg prior to burning fire breaks. Burning can usually begin 14-21 days after spraying. Use the higher rate for longer term control.
Plantains	All States	7mL	3L	-	Apply to actively growing plants at the early head stage. Symptoms may be slow to develop.
Prairie Grass (<i>Bromus unioloides</i>), Old Blue Grass (<i>Dichanthium sericeum</i>), Red-leg Grass (<i>Bothriochloa ambigua</i>), Rhodes Grass (<i>Chloris gayana</i>)	All States	10mL	6L	-	Apply to actively growing plants at the early head stage.
Rope twitch	Vic, Tas only	10mL	6L	-	Apply in late summer-autumn to actively growing plants with foliage at least 20cm high. To ensure maximum shoot emergence the area should NOT be cultivated in the period from the preceding Winter until the time of spraying.
Sifton bush/ Chinese scrub (<i>Cassinia arcuata</i>)	Qld, NSW, ACT only	10 or 13mL	-	1:0	Apply to actively growing plants ensuring complete coverage. Further treatment and/or pasture improvement may be necessary to restrict seedling re-establishment. Use the higher rate on bushes over 1m tall. LOW VOLUME: Apply 40mL per 0.5m height. WIPER APPLICATION: Double pass application is required. Application is best made to small (less than 1m) green bushes.
Silverleaf nightshade (<i>Solanum elaeagnifolium</i>)	NSW, ACT only	20mL	-	-	Use ONLY under good soil moisture conditions. Apply to actively growing plants at the late flowering to berry stage. Repeat spraying will be necessary to restrict regrowth and seedling re-establishment.
Sorrel (<i>Rumex acetosella</i>)	All States	10mL	6L	-	Apply to actively growing plants when the majority of plants are at the early bud stage.
Soursob (<i>Oxalis pes-caprae</i>)	NSW, ACT, Vic, Tas, WA, SA only	5mL	1.5L	-	Best results are achieved if plants are treated before senescence (plant yellowing) which occurs from late July to early September. Plants should be actively growing and not under stress. If foliage area has been reduced eg due to frosting or grazing allow regrowth to about 5cm before treatment.
St John's Wort (<i>Hypericum perforatum</i>)	All States	5mL	3L	-	Apply to actively growing plants at flowering to post flowering, procumbent stem stage (about Nov-May). To prevent seedling re-establishment, pasture improvement or re-treatment may be necessary.
Sweet Briar (<i>Rosa rubiginosa</i>)	NSW, ACT, Vic, SA, Tas, WA only	15 – 29mL	-	1:9	Apply from late flowering to leaf fall. Plants must be actively growing. Spray to thoroughly wet all foliage. Use the Lower Rate for bushes under 1.5m tall. Burning (after complete brown out), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. LOW VOLUME APPLICATION (eg Splatter gun or gas gun): Apply 2 x 5mL dose per 0.5m bush height. Ensure spray contacts all foliage.
Thistle – Artichoke (<i>Cynara cardunculus</i>)	SA, Vic only	5mL	3L	-	Apply to the rosette to early head stage.
Thistle – Californian (<i>Cirsium arvense</i>)	Vic, Tas only	10mL	6L	-	Apply to actively growing plants at the flowering stage. To ensure maximum shoot emergence the area should not be cultivated prior to spraying. Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment.
Yorkshire Fog <i>Holcus lanatus</i>	All States	7 mL	3L	-	Apply to actively growing plants at the early head stage.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
WITHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED