

**POISON**  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**SureFire**

**AMINE 625\***

**SELECTIVE HERBICIDE**

ACTIVE CONSTITUENT: 625 g/L 2,4-D present as the dimethylamine and diethanolamine salts.

**GROUP I HERBICIDE**

For the control of broadleaf weeds in fallow before direct drilling or sowing of cereals and pastures; and in cereal crops, pastures, sugarcane, peanuts, and non-agricultural areas as per the Directions for Use.

This is a PHENOXY HERBICIDE that can cause severe damage to susceptible crops such as cotton, grapes, tomatoes, oilseed crops and ornamentals.

**IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT**

The logo for PCT Holdings Pty Ltd, featuring a stylized circular graphic to the left of the letters 'PCT'.

HOLDINGS PTY LTD

APVMA Approval No: 82835/106882

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CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

**Amine 625 160mm x 120mm**

**DIRECTIONS FOR USE**

**RESTRAINTS:** DO NOT spray if rain seems likely within 6 hours or if strong winds prevail.  
DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

**1. FIELD CROPS**

Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments	
Wheat	Refer Weed Table	NSW, ACT, SA only	320 mL-1.7 L	Apply after the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller (NSW, SA only)	
			Vic only		225 mL-1.4 L
			Qld only		560 mL-1.4 L
			Tas only		800 mL-1.4 L
Barley		NSW, ACT, SA only	320 mL-1.4 L	Apply from mid tillering to boot stage (Qld only). Apply at 5 leaf to fully tillered (Tas only)	
			Vic only		225 mL-1.4 L
			Qld only		560 mL-1.4 L
			Tas only		800 mL-1.4 L
Cereal Rye, Triticale		NSW, ACT, SA only	320 mL-1.4 L		
			Vic only		225 mL-1.4 L
Oats		NSW, SA only	320 - 800 mL		
		Vic only	225 - 800 mL		
Cereals: Wheat, Oats, Barley	Cape Tulip Dock, Flatweed, Saffron Thistle Indian Hedge Mustard, London Rocket, Lupin, Rapistum, Wild Radish Wild Turnip	WA only	640 mL-1.3L	Apply from the 5 leaf stage up to joining stage (Zadoks 15-33). Apply after the 6 leaf stage (Z,16) for Cranbrook, Jacup, Aroona and Spear Wheat and Morlock Oats to avoid possible damage. DO NOT spray if lucerne is present. WEED STAGE: 10-15 cm. Docks should be sprayed before 5 leaf stage. Cape Tulip - low rate for cornils only.	
			1.1 L		
			800 mL		
			640 mL		
			200 mL/ha plus 500 mL/ha diuron (500 g/L)		
				Apply when crop has 4-5 leaves and most weeds have germinated and are in 2-5 leaf stage. Crop and weeds should be dry at time of application. Some temporary yellowing of crop may occur after application. Undersown sub-clovers may be slightly retarded. DO NOT apply to undersown medics.	
Wheat, Barley	Wild Radish	Vic, SA, ACT, NSW only	80 mL/ha plus 850 g/ha methabenzthiazuron (700 g/kg)	Spray 2-6 weeks after sowing and not later. DO NOT use on crops undersown with lucerne.	

**NOTICE**

PCT Holdings Pty Ltd warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by PCT Holdings Pty Ltd, or under abnormal conditions.

## COMPATIBILITY

This product can be tank mixed with the herbicides: dicamba, diuron, chlorsulfuron, paraquat, 2,2-DPA, atrazine, paraquat/diquat and picloram, and the fungicide propiconazole.

## RESISTANT WEEDS WARNING

### GROUP I HERBICIDE

Surefire Amine 625 Selective Herbicide is a member of the Phenoxy group of herbicides. Surefire Amine 625 Selective Herbicide has the Group I mode of action. For weed resistance management Surefire Amine 625 Selective Herbicide is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Surefire Amine 625 Selective Herbicide and other Group I herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Surefire Amine 625 Selective Herbicide or other Group I herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Surefire Amine 625 Selective Herbicide to control resistant weeds.

## PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT spray in high winds. DO NOT spray cereals if lucerne is present. DO NOT spray crops or weeds outside the stages indicated in 'Critical Comments' as damage, loss of yield or inadequate weed control may result.

**Drift Warning:** DO NOT apply under weather conditions or from spraying equipment, that may cause spray drift onto nearby susceptible plants / crops, cropping lands or pastures such as cotton, tobacco, vines, fruit trees, vegetables, ornamentals, oil seed and legume crops and pasture and other susceptible plants and trees (e.g. Kurrajongs & Belahs).

DO NOT use unless wind speed is more than 3 kilometres per hour and less than 15 kilometres per hour as measured at the application site.

DO NOT apply with smaller than coarse to very coarse spray droplets according to the ASAE S572 definition for standard nozzles.

## PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied at any time as recommended in the Directions for Use.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used container.

## STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the 'Storage and Disposal' instructions on the label that is attached to the container.

## SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray wear PVC or rubber apron, elbow length PVC gloves and face shield. When using the prepared spray wear face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which is available from the supplier.

Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
Fallow, Stubble Spray prior to direct drilling or sowing. Winter cereals, grain legumes (peanuts QLD only) and canola.	Refer Weed Table	All States	225 mL - 1.7 L	Observe plant back periods given in the table on this leaflet. Can be mixed with chlorsulfuron, paraquat, paraquat/diquat where grasses are present.  Select appropriate rate from Weed Table.  For Skeleton Weed spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.
Millet		NSW, SA, ACT, Vic only  Qld only	560 mL-1.4 L  560-990 mL	Spray when secondary roots have been developed, when fully tillered and before heads start to form at the base of the tillers. DO NOT use on Panorama Millet or Panicum.
Sacaline, Brom Millet, Millet, Grain Sorghum	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Rapistrum, Lupin, Wild Radish, Wild Turnip	WA only	1.1 L	Spray when crop is 10-30 cm high and secondary roots have developed and before tasselling. Apply as direct spray to weeds.

Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
Sugar Cane (Q80, Q96 & H56 varieties)	Belvine	Qld, NSW only	280 mL/100 L water	Apply in spring, using directed spray.
	Morning Glory		560 mL to 1.1 L	Apply in summer, using high clearance tractor.
	Pink Convolvulus, Star of Bethlehem		1.1 L	Apply in autumn by aircraft.
Sugar Cane	Bindy Eye (Star Burr), Blue Top, Cobblers Pegs, Flea-banes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomoea Vines, Convolvulus Vines	Qld only	1.8-3.5 L	Add 60-120 mL Spray Sure Difuser/100 L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 Varieties.
	Chinese Mint, Blue Snakeweed		3.5 L	
	Peanuts	Broadleaf Weeds, except Noogoora Burr, Grasses except Mossman Burr	Qld only	1.8-3.6 L
Harvest Aid or Salvage Spray - Winter Cereals	Desiccate Broadleaf Weeds Refer Weed Table	All States	1.2-1.7 L	Apply after dough stage.
Bananas	To destroy Banana suckers	Qld only	160 mL/10 L water	Inject at the rate of 15 mL per fully grown plant, 10 mL per medium sized plant and 5 mL for small suckers.
			320 mL/100 L water	Allow suckers from corms of treated plants to form broad adult leaves, then spray. Isolated spots may require a second spray.
Common Stylo forage or seed crops	Refer to Weeds Table		800 mL	Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
Caribbean Stylo forage or seed crops			800 mL-1.6 L	Apply post-emergence when crop is 3 weeks old.

#### Plant Back Days for Surefire Amine 625 Selective Herbicide

Crop / Rates	Up to 560 mL/ha	560 mL - 1.4 L/ha	1.4 L - 1.7 L/ha
Balansa Clover	7	7	10
Barley %	1	1	3
Chickpeas #	7	14	21
Cotton	10	14	21
Faba Beans	7	7	10
Field Peas	7	14	14
Lentils	7	7	10
Linseed	7	7	14
Lucerne	7	7	10
Lupins +	7	14	21
Medics	7	7	10
Narbon Beans	7	7	10
Navy Bean	10	10	14
Oats	3	3	7
Perennial Ryegrass	7	7	10
Persian Clover	7	7	10
Phalaris	7	7	10
Canola/Rapeseed #	14	21	28
Rice	7	7	14
Safflower #	7	14	21
Sorghum @	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower @	7	10	14
Triticale %	1	3	7
Vetch	7	7	10
Wheat %	1	3	7
White Clover	7	7	10

#### IMPORTANT:

WHEN APPLIED TO DRY SOILS AT LEAST 15 mm (1/2 inch) OF RAIN MUST FALL PRIOR TO THE COMMENCEMENT OF THE PLANT BACK PERIOD.

#### Notes:

- % In Queensland, no rainfall is required to fall prior to commencement of Plant Back Period for Wheat, Barley and Triticale.
- # In Queensland, planting of Canola/Rapeseed, Chickpeas and Safflower must be delayed for at least 14 days following rainfall of at least 15 mm.
- @ In Central Queensland and when using 1 L/ha or less of Surefire Amine 625, the plant back period for Sorghum and Sunflower is 1 day irrespective of rainfall.
- + In WA the plant back period for Lupins at all rates is 28 days.

#### GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

#### APPLICATION INFORMATION

BOOM SPRAYING – Use 30–120 L/ha of water.  
AERIAL SPRAYING – Use 10–90 L/ha of water.

#### EQUIPMENT MAINTENANCE AND USAGE

Equipment that has been used for this chemical should not be used for the application of other materials to sensitive plants, unless it has been well washed out with hot soapy water or 1% solution of ammonia, followed by several clear water rinses.

continued

Safflower	-	560 mL-1.1 L	-	-	-	-	-	-	-	
Shepherds Pursue	-	1.1-1.7 L	-	-	1.4 L	-	800 mL-1.1 L	-	-	Spray young rosettes
Siratro (Purple Bean)	-	1.8 L	-	1.8 L	-	-	-	-	-	Spray seedling or young stages only
Skeleton Weed	1.4 L	1.1-1.7 L	1.4 L	-	-	-	-	-	-	Spray rosettes before aerial growth commences
Sorrel	1.4 L	1.7 L	1.4 L	-	-	-	-	-	-	Only moderately susceptible
Speedwell - hy leaf	-	-	1.1 L	-	-	-	-	-	-	
Spinyhead Sida	-	1.8 L	-	1.8 L	-	-	-	-	-	Spray seedlings or young stages only
Starburr	-	1.8 L	-	1.8 L	-	-	-	-	-	Spray before seeding, advanced stages susceptible.
Spiny Emex	-	-	-	1.4 L	-	-	-	-	-	Only young plants are susceptible
Star of Bethlehem (Cupids Flower)	-	-	-	1.8 L	-	-	-	-	-	Spray before seeding, advanced stages susceptible
Stinkwort	-	800 mL-1.4 L	-	-	-	-	-	-	-	
Storksbill/Erodium	-	-	-	-	1.4 L	-	1.6-3.2L	-	-	Spray seedlings to young rosettes
Sunflower (seedlings)	1.4 L	560 mL-1.4 L	-	900 mL	-	-	-	-	-	
Thistles - Annual - Californian	-	-	-	-	-	1.1 L	-	-	-	
- Saffron	1.1 L	560 mL-1.7 L	1.4 L	1.4 L	950 mL	1.1 L	1.1-1.7 L	-	-	Repeated applications may be necessary (NSW, Tas only)
- Slender/Shore	-	800 mL-1.7 L	-	-	1.4 L	-	1.1 L	-	-	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early
- Soldier	1.4 L	-	-	-	-	-	1.1-1.6 L not NSW, Tas	-	-	Suppression only
- Spear	560 mL	-	-	-	1.4 L	-	1.1-1.6 L	-	-	Spray young rosettes
- Star	-	-	-	-	-	-	1.6-3.2 L SA only	-	-	Use higher rate as flower stalk appears
- Variegated	-	560 mL-1.7 L	-	900 mL	1.4 L	-	1.1-1.7 L	-	-	Spray at rosette stage
Thornapple	-	800 mL-1.1 L	-	-	-	-	1.6-2.4 L not SA	-	-	Spray seedlings only
Tridax (Tridax Daisy)	-	1.8 L	-	1.8 L	-	-	-	-	-	Spray seedling or young stages only.
Turnip Weed/Rapistrum Vetches/Tares	1.4 L	560 mL-1.1 L	-	560 mL	-	800 mL	560 mL-1.1 L	-	-	Spray at multiple leaf stage
Wards Weed	-	-	1.1 L	-	-	-	-	-	-	
Wild Cabbage	1.4 L	-	-	-	-	-	-	-	-	Spray multiple leaves
Wild Poppy	560 mL	-	-	-	-	-	1.1-1.7 L	-	-	Spray rosettes
Wild Radish	1.4 L	1.4-1.7 L	1.4 L	900 mL	1.4 L	800 mL	800 mL-1.1 L	-	-	Spray up to young rosette stage
Wild Turnip	225-560 mL	560 mL-1.1 L	320 mL	640 mL	1.4 L	560 mL-1.1 L	-	-	-	Spray 2-4 leaf up to rosette stage

- 12 -

2. PASTURE, NON AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS

Situation	Weeds Controlled	State	Rate Volume per ha	Critical Comments
Pastures and non-agricultural	Refer to Weed Table	NSW, Old, SA, ACT, Tas only	560 mL-1.7 L	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
	Galvanised Burr	NSW, ACT only	320 mL/100 L water	Apply to young actively growing weeds. Ensure thorough and even coverage of plants. Note treated plants need to be burnt to destroy seeds.
	Amsinckia, Docks, Binweed, Calltrop, Flatweed, Spear Thistle, Capeweed, Doublegee, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson's Curse, Heliotrope,	WA only	1.1-2.4 L	For pastures not containing legumes. Only seedling Docks, Spear Thistle and Saffron Thistle will be controlled. SUMMER WEEDS: Use low rate for seedlings, 1.6-2.4 L/ha for larger plants. Stock poisoning may occur when grazed after spraying if large amounts present, particularly Heliotrope.
	Alghan Melons		1.6 L plus 1% crop oil	WINTER WEEDS: Use low rate for seedlings, 1.6-2.4 L/ha for larger plants. If stock present, use spray/grazing rates.
	Paddy Melons		800 mL-1.1 L	Spray when plants are actively growing preferably before flowering or vining.
	Prickly Saltwort (Roly Poly)		1.6 L	Spray when plants are small.
	Stinkwort		1.6-3.2 L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
	Dove Weed		3.2L	Spray after good emergence of seedlings.
	Boothorn, Bones, Hawthorn	Vic, SA only	80 mL/10 L water	Spot spraying. For Boneseed only, thoroughly wet plants and seedlings.
	Groundsel	NSW, Qld, ACT, SA only	950 mL/15 L water 320 mL/100 L water	Cut stump: Apply or paint undiluted Surefire Amine 625 to freshly cut stumps. Misting: Lightly wet plants. HIGH VOLUME: Thoroughly wet plants
Pastures, Rights of Way & Industrial		Tas only	240 mL/15L water	CUT STUMP: Swab the cut stump immediately with by a pouring can or knapsack spray.
		Qld, NSW, ACT, SA, Tas only	2.9-4 L	AERIAL APPLICATION: Spray when Groundsel is actively growing.
		NSW, Qld, ACT, SA only	320 mL/100 L water	Use a coarse spray with sufficient pressure to penetrate canopy and wet stems as well as foliage. Spray at the end of a wet summer (March to May). Defoliation should occur but respraying of new growth will be necessary in following Autumn. Broadcast grass seed and keep stock off following summer to allow the pasture to establish. Damage may result to pasture legumes.
		NSW, ACT only	400 mL/100 L water	Handgun and Knapsack only. A thorough coverage of leaves and plantlets is necessary. Use 1000 g/L non-ionic wetter at the rate of 1.0 mL of surfactant per 1 L of mixture.
		Qld only	160 mL/100 L water	In all cases apply to young, actively growing

- 05 -

Situation	Weeds Controlled	State	Rate Volume per ha	Critical Comments
of Way & Industrial (continued)	Wier Vine (Ipomoea), Scarlet Pimpernel (seeds only), White Eye (Mexican Clover)			weeds, ensuring thorough coverage.
	Annual & Perennial Pigweed, Artichoke Thistle, Bathurst Burr, Billygat Weed, Blue Snake Weed, Burr Medic, Clockweed*, Fleabanes, Galvanised Burr, Hemlock, Hoary Cress*, Kyalinga Weed (Whisker Grass), Knobweed, Milky Cotton Bushes, Parthenium Weed, Paterson's Curse, Saffron Thistle, Star Burr, Thornapple, Variegated Thistle*		320 mL/100 L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. * Spray rosette stage. * Repeat spraying necessary.
	Rubber Vine	Qld only	160 mL/10 L water	Apply to freshly cut stump.
	Sesbania Pea		560-900 mL	
	Water Hyacinth		3.5-5.3 L	Apply in 2 200 to 3 300 L water/ha
	Wild Tobacco Tree		240 mL/15 L water	Cut Stump Treatment: Swab cut stump within 1 hour of cutting. Apply by pouring can or knapsack sprayer.
	Conservation Tillage - Direct Drilling, Surface Sowing or Fallow Maintenance	All States	560 mL-1.6L	Apply to actively growing young plants. Before sowing: Observe plant back periods given in the table on this leaflet. * Warning: Treated plants may become toxic to stock.
	Clover, Sorrel		1.1 L/ha plus 280-400 mL/ha of dicamba (500 g/L)	Apply to actively growing plants in autumn. Do not sow pasture seed for at least 30 days after application.

Weeds Controlled	APPLICATION RATE PER HECTARE						Critical Comments	
	Crop					Pastures		
	VIC	NSW ACT	SA	QLD	TAS	WA		NSW, SA, QLD, TAS ONLY
Flat Weed	-	-	-	-	-	1.1 L	-	
Fumitory - red	-	-	1.7 L	-	-	-	-	
Fumitory - white	800 mL	-	560 mL	-	-	-	-	Spray at multiple leaf stage
Heliotrope	-	-	-	-	-	1.1 L	-	
Hexham Scent or Meilolotus	1.4 L	-	1.1 L	1.4 L	-	-	1.1-1.7 L	Spray at multiple leaf stage before seeding
Hoary Cress	900 mL - 1.4 L	1.1-1.7 L	1.4 L	1.4 L	-	-	1.4-1.7 L	Spray rosette and pre-flowering
Hogweed/ Wireweed	1.4 L	-	-	1.4 L	-	-	-	Spray at multiple leaf stage (Vic). Spray at seeding and young plant stage (Qld). Spray seedlings
Horehound	-	-	1.4 L	-	-	-	2.2-3.2L SA only	
Indian Hedge Mustard	-	-	-	-	1.4 L	1.1 L	-	
Khaki Weed	-	-	-	-	-	-	1.1-2.2L SA only	Spray seedlings only
Knobweed	-	-	-	1.8-3.4 L	-	-	-	Lower rate for seedlings, higher rate for later stages
Lincoln Weed	-	-	1.7 L	-	-	-	-	Spray early rosettes
London Rocket	-	-	-	-	-	1.1 L	-	
Lupins	-	800 mL-1.7 L	-	-	-	1.1 L	-	
Melons - Camel, Paddy	-	560 mL-1.1 L	-	-	-	-	-	
Mexican Poppy	-	-	-	1.4 L	-	-	-	Spray seedlings - plants become more resistant with age
Mintweed	-	1.1 L	-	900 mL	-	-	-	Spray seedlings - resistant in later stages
Morning Glory	-	1.8 L	-	1.8 L	-	-	-	Spray at seedling to flowering stage
Mustards	225-560 mL	560 mL-1.4 L	560 mL-1.4 L	900 mL	-	800 mL	560 mL-1.1 L	Spray at 2-4 leaf up to rosette stage
Needle Burr	-	1.8 L	-	1.8 L	-	-	-	Apply at pre-flowering, preferably young stages
New Zealand Spinach	-	1.1-1.7 L	-	-	-	-	-	
Noogoora Burr	-	800 mL-1.1 L	-	900 mL	-	-	800 mL-1.1 L, not SA	Spray seedlings only
Paterson's Curse	-	1.1-1.7 L	-	1.4 L	-	1.3L	1.7-2.2L	Spray rosettes or before plants have 10 leaves. Later stages harder to kill.
Pinkburr (Pink Flowered Burr)	-	1.8 L	-	1.8 L	-	-	-	Spray seedling or young stages only
Potato Weed	-	560 mL-1.1 L	-	900 mL	-	-	-	
Purpletop	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage
Radish	-	-	-	-	-	1.1 L	-	
Ragwort	-	-	-	-	3.8 L	1.1 L	-	
Rapeseed	-	800 mL-1.7 L	-	-	-	-	-	Spray up to early rosette stage (Tas only)
Rapistrum	-	-	-	-	-	1.1 L	-	
Rough Poppy	-	1.1 L	-	-	-	-	-	

**WEED TABLE**

NOTE: Where weeds are to be sprayed in a CROP or PASTURE, use only the rate given for the particular crop or situation indicated under the Directions for Use table.  
 In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed. The rates listed in the weed table below are for use where weeds are present and no crop or pasture is involved. Use at these rates in a crop or pasture other than for spot spraying may cause damage.  
 This product should only be used in those States where a rate or range of rates is indicated for the particular weeds listed.

Weeds Controlled	APPLICATION RATE PER HECTARE							Critical Comments
	Crop						Pastures	
	VIC	NSW ACT	SA	QLD	TAS	WA	NSW, SA, QLD, TAS ONLY	
Amaranthus spp.	-	560 mL-1.1 L	-	900 mL	-	-	-	Spray young plants
Amsinckia	-	-	-	-	1.1 L	-	-	
Apple of Peru	-	560 mL-1.1 L	-	900 mL	1.1 L	-	-	Spray young plants. Susceptible when young
Bathurst Burr	-	800 mL-1.1 L	1.7-2.2L	900 mL	-	-	800 mL-1.1 L not SA	Spray seedlings only
Belvine	-	1.8 L	-	1.8 L	-	-	-	Spray before seeding. Advanced stages susceptible
Billy Goat Weed	-	3.4 L	-	3.4 L	-	-	-	Spray at young stages
Bindweed	-	-	-	-	-	1.1 L	-	
Blackberry	-	560 mL-1.1 L	-	900 mL	-	-	-	
Nightshade	-	1.8 L	-	1.8 L	-	-	-	Apply at flowering, preferably young stages
Blackeyed Susan	-	1.8 L	-	1.8 L	-	-	-	Spray seedlings at young stages only
Blue Snakeweed	-	1.8 L	-	1.8 L	-	-	-	Spray seedlings only
California Burr	-	800 mL-1.1 L	-	900 mL	-	-	800 mL-1.1 L not SA	
Cape Tulip	-	-	-	-	-	640 mL-1.3L	-	Low rate for cornils only*
Capeweed	1.4 L	-	1.7 L	-	1.4 L	1.1 L	1.7-2.8 L	Spray seedlings to rosette stage
Caltrop	-	800 mL-1.7	-	900 mL	-	1.1 L	-	Moderately susceptible
Castor Oil plant	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage
Charlock	560-800 mL	560 mL-1.1 L	560 mL	-	1.4 L	-	800 mL-1.1 L	Spray at rosette stage
Clover	-	1.2L	-	-	-	-	-	
Cobbler's Pegs	-	1.8 L	-	1.8 L	-	-	-	Apply at pre-flowering, preferably young stages
Common Ice Plant	-	-	1.1 L	-	-	-	-	
Common Sida	-	1.8 L	-	1.8 L	-	-	-	Spray seedling or young stages only
Common Sowthistle	-	1.8 L	-	1.8 L	1.4 L	-	-	Apply at pre-flowering, preferably young stages
Docks	1.4 L	-	1.4 L	1.4 L	1.4 L	1.1 L	3.2L SA only	Spray at multiple leaf stage - effective only on seedlings
Doveweed	-	-	-	-	-	1.1 L	-	
Fat Hen	-	560 mL-1.7 L	-	900 mL	1.4 L	-	-	Spray pre-flowering
Flannel Weed	-	1.8 L	-	1.8 L	-	-	-	Spray seedling or young stages only

Situation	Weeds Controlled	State	Rate Volume per ha	Critical Comments
Pastures - Spray/Graze Techniques				PRECAUTION: An increased quantity of poisonous plants may be eaten by stock using Spray-Graze eg. Caltrop, Capeweed, Paterson's Curse and Variegated Thistle and deaths could result from causes such as nitrate poisoning. With Paterson's Curse, preferably graze stock soon destined for slaughter and avoid extended periods of grazing. Avoid grazing with young or breeding stock. Do not graze horses or pigs on Paterson's Curse.
	Amsinckia, Thistles, Capeweed, Doublegee, Mustard, Paterson's Curse, Wild Turnip, Wild Radish Docks, Geranium, Erodium	SA only	560 mL	Apply from 6 weeks after opening rains in Autumn until the end of August. Seven days after spraying stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pasture shows signs of over grazing, then return to normal stocking levels. Use high stocking rates in following Spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.
	Annual Thistles, Capeweed Doublegee, Mustards, Paterson's Curse, Wild Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	Tas, Vic only		
	Amsinckia, Docks (seeding only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles.	WA only	600-800 mL	
	Spear Thistle, Saffron Thistle		1.2 L	Apply to Saffron Thistle at the end of September when plants are running up to flower. Sub-clovers may be damaged at this rate and use is not recommended for all medic pastures.
	Melons		1.6 L + 1% oil	Heavy stocking on young plants sprayed with 800 mL/ha provides effective control.
	Docks	Vic only	1.1 L	Apply in September only and follow other recommendations above.

Situation	Weeds Controlled	State	Rate Volume per ha	Critical Comments
Pastures - Spray/Graze Techniques (continued)	Calltrop, Capeweed, Charlock, Mustards, Paterson's Curse, Shepherd's Purse, Saffron, Slender, Spear or Variegated Thistles*, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT only	280 mL-1.1 L	Spray actively growing 6-8 week old weeds. Introduce stock 7-10 days after spraying, preferably sheep (cattle are less effective). Stocking rate should be at least 5 times heavier than normal until weeds have been reduced, but before survival of desirable pasture species is threatened. Lucerne and Medics may be damaged and should be grazed short before spraying. Other legumes may be affected.
Lawns, Playing fields	Refer Weed Table	Qld, NSW, ACT only	1.5-3.0 mL/1 L water or 1.6-3.2 L/ha	Wet foliage thoroughly. DO NOT mow lawn for 1 week before and at least 1 week after application.
		WA only	40 mL/10-15 L water per 100 m <sup>2</sup>	DO NOT use on Buffalo grass (WA only)

### 3. SPOT SPRAYING

Situation	Weeds Controlled	State	Mixing Rates - Comments
High volume spraying	Refer to Weed Table	All States	Add 1/10th of rate on Weed Table to 150 litres of water. Each 150 litres of mix will cover 1000 m <sup>2</sup> (1/10th ha) eg. if rate in Weed Table is 1.4 L, use 140 mL/150 L water.
Knapsack application			Add 1/100th of rate on Weed Table to 10 litres of water. Each 10 litres of mix will cover 100 m <sup>2</sup> (1/100th ha) eg. if rate in Weed Table is 1.4 L, use 14 mL/10 L water.

#### MAXIMUM TOLERANCE FOR USE IN WHEAT, BARLEY, OATS AND TRITICALE INCLUDING TOLERANCE FOR UNDERSOWN LEGUMES

Crop	Qld	NSW/ACT	Vic	Vic	SA	WA	Tas
			Early Tillering	Tillered Boot Stage		Tillered to Boot (Z15-35)	Tillered to Boot (Z15-35)
Cereal Rye					1.4 L/ha		
Wheat	1.8 L/ha	1.7 L/ha	225 mL/ha	1.4 L/ha	1.7 L/ha	1.7 L/ha	1.7 L/ha
Barley	1.4 L/ha	1.4 L/ha	225 mL/ha	1.4 L/ha	1.4 L/ha	1.4 L/ha	1.4 L/ha
Oats		800 mL/ha	225 mL/ha	800 mL/ha	900 mL/ha	1.3 L/ha	
Triticale		1.4 L/ha	225 mL/ha		1.4 L/ha	1.7 L/ha	800 mL/ha
Undersown Clovers			225 mL/ha			680 mL/ha	560 mL/ha
Undersown Medics			225 mL/ha			Nil	560 mL/ha
Undersown Lucerne			225 mL/ha			Nil	

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHOLDING PERIODS:**

**PASTURE, CEREAL CROPS – DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**HARVEST WITHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.**

**IN TASMANIA, THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL to 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES.**