



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



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, sugar cane, 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 USE

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Version 5.0

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 excessive moist conditions.

1. FIELD CROPS

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS		
Wheat	Refer Weed Table	NSW, SA, ACT only	320 mL - 1.7 L/ha	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 and ACT only). Apply from tillering to boot stage (Vic only). Apply from mid-tillering to before boot stage (Qld only). Apply at 5 leaf to fully tillered (Tas only).		
		Vic Only	225 mL - 1.4 L/ha			
		Qld Only	560 mL - 1.4 L/ha			
		Tas Only	800 mL - 1.4 L/ha			
		Barley	NSW, SA, ACT only		NSW, SA, ACT only	320 mL - 1.4 L/ha
					Vic Only	225 mL - 1.4 L/ha
					Qld Only	560 mL - 1.4 L/ha
					Tas Only	800 mL - 1.4 L/ha
Cereal Rye, Triticale	NSW, SA, ACT only	NSW, SA, ACT only	320 mL - 1.4 L/ha			
		Vic Only	225 mL - 1.4 L/ha			
Oats	NSW, SA, ACT only	NSW, SA, ACT only	320 mL - 800 mL/ha			
		Vic only	225 mL - 800 mL/ha			
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only	640 mL - 1.3 L/ha	Apply from 5 leaf stage up to jointing stage (Zadoks 15-33). Apply after the 6 leaf stage (Z 16) for Cranbrook, jacup, aroona and spear wheat and Mortlock 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 – use low rate for cormils only.		
	Dock, Flatweed, Saffron Thistle		1.1 L/ha			
	Indian Hedge Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish		800 mL/ha			
	Wild Turnip		640 mL/ha			
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip		200 mL/ha plus 500 mL/ha Diuron (500 g/L)			
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/ha	Observe plant back periods given in the table in this booklet. Can be mixed with Lusta®, Glean®, Paraquat or Paraquat/Diquat mix where grasses are present. For Skeleton Weed, spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.		
Millet	Refer Weed Table	NSW, SA, ACT, Vic only	560 mL - 1.1 L/ha	Spray when secondary roots have developed, when fully tillered and before heads start to form at the base of the tillers. Do not use on Panorama Millet or Panicum.		
		Qld only	560 mL - 900 mL			

**1. FIELD CROPS (continued)**

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Sacaline, Broom Millet, Millet	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, Radish, Wild Turnip	WA only	1.1 L/ha	Spray when crop is 10-30 cm high and secondary roots have developed and before tasselling. Apply as direct spray to weeds.
Sugar cane (Q80, Q96, and H56 varieties)	Bell Vine, Morning Glory	Qld, NSW only	280 mL/100 L water	Apply in spring using direct spray.
	Pink Convolvulus		560 mL – 1.1 L/ha	Apply in summer using high clearance tractor.
	Star of Bethlehem		1.1 L/ha	Apply in Autumn by aircraft.
Sugar Cane	Bindy Eye (Star Burr), Blue Top, Cobbler's Pegs, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus Vines	Qld only	1.8 L - 3.5 L/ha	Add 60 – 120 mL Spraymate Activator® to 100 L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 varieties.
	Chinese Mint, Blue Snakeweed	Qld only	3.5 L/ha	Add 60 – 120 mL Spraymate Activator® to 100 L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 varieties.
Peanuts	Broadleaf Weeds (except Noogoora Burr), Grasses (except Mossman Burr)	Qld only	1.8 L - 3.6 L/ha	LOWER RATE: Apply as BAND SPRAY as soon as possible after planting in a 55 cm band. HIGHER RATE: Apply as OVERALL SPRAY after planting and before crop emergence. Some crop damage may occur if heavy rain falls between application and crop emergence.
Harvest Aid or Salvage Spray -Winter Cereals	Desiccate Broadleaf Weeds	All States	1.2 L - 1.7 L/ha	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/ha	Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
Carribbean Stylo forage or seed crops			800 mL - 1.6 L/ha	Apply post-emergence when crop is 3 weeks old.



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

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Pastures & Non Agricultural	Refer Weed Table	NSW, Qld, SA, ACT, Tas only	560 mL - 1.7 L/ha	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 coverage of plants. Note: Treated plants need to be burnt to destroy seeds.
	Amsinckia, Docks, Bindweed, Caltrop, Flatweed, Spear Thistle, Capeweed, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistle, Paterson's Curse, Heliotrope, Ragwort, Three Cornered Jack (Doublegee, Spiny Emex)	WA only	1.1 L – 2.4 L/ha	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. WINTER WEEDS: Use low rate for seedlings, 1.6 - 2.4 L/ha for larger plants. If stock present, use spray/ grazing rates.
	Afghan Melons		1.6 L/ha plus 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.
	Paddy melons		800 mL - 1.1 L/ha	
	Prickly Saltwort (Roly poly)		1.6 L/ha	Spray when plants are small.
	Stinkwort		1.6 - 3.2 L/ha plus Wetting agent (1000 g/L)	Best results are obtained when plants are small. Use higher rate on larger plants.
	Dove Weed		3.2 L/ha	Spray after good emergence of seedlings.
Pastures, Rights of Way & Industrial	Boxthorn, Boneseed, Hawthorn	Vic, SA only	80 mL/10 L water	Spot Spraying. For boneseed only, thoroughly wet plants or seedlings.
			Undiluted	CUT STUMP: Apply or paint undiluted KELPIE® AMINE 625 HERBICIDE to freshly cut stumps.
	Groundsel	NSW, Qld, ACT, SA only	950 mL/15 L water	MISTING: Lightly wet plants.
			320 mL/100 L water	HIGH VOLUME: Thoroughly wet plants
		Tas only	240 mL/15 L water	CUT STUMP: Swab the cut stump within one hour of cutting. Apply by a pouring can or knapsack spray.
		Qld, NSW, ACT, SA, Tas only	2.9 - 4.4 L/ha	AERIAL APPLICATION: Spray when Groundsel is actively growing.
	Lantana	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 the following Autumn. Broadcast grass seed and keep stock off following Summer to allow the pasture to establish. Damage may result to Pasture Legumes.
	Mother of Millions	ACT, NSW only	400 mL/100 L water	Handgun and Knapsack only: A thorough coverage of leaves and plantlets is necessary. Add Wetting agent (1000 g/L) at the rate of 1.0 mL of surfactant per 1 L of mixture.
	Noogoora Burr, Weir Vine (Ipomea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	Qld only	160 mL/100 L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. • Spray rosette stage • Repeat spraying necessary
	Annual & Perennial Pigweed, Artichoke thistle, Bathurst Burr, Billygoat 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 (Salvation Jane), Saffron Thistle, Star Burr, Thornapple, Variegated Thistle		320 mL/100 L/ha water	
	Rubber Vine		160 mL/10 L water	Apply to freshly cut stump.
	Sesbania Pea		560 mL – 900 mL/ha	
Water hyacinth		3.5 – 5.3 L/ha	Apply in 2200 to 3300 L water/ha	
Wild Tobacco Tree		240 mL/15 L water	Cut Stump Treatment: Swab the cut stump within one hour of cutting. Apply by a pouring can or knapsack sprayer.	



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

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Conservation Tillage - Direct Drilling, Surface Sowing or Fallow Maintenance	Charlock, Mustards, Shepherd's Purse, Saffron, Slender, Spear and Variegated Thistles, Turnip Weed, Wild Radish, Wild Turnip	All States	560 mL – 1.6 L/ha	Apply to actively growing young weeds before sowing. Observe plant back periods given in the table on this leaflet. Warning: Treated plants may become toxic to stock.
	Clover, Sorrel	All States	1.1 L/ha plus 280 - 400 mL/ha of 500 g/L Dicamba	Apply to actively growing young plants in Autumn. Do not sow pasture seed for at least 30 days after application.
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 period 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/ha	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, Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	Tas & Vic only		
	Amsinckia, Docks (seedling only), Capeweed, Doublegee, Mustard, Paterson's Curse, Wild Turnip, Wild Radish, Annual Thistles	WA only	600 - 800 mL/ha	
	Spear Thistle, Saffron Thistle		1.2 L/ha	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/ha plus 1% crop oil	Heavy stocking on young plants sprayed with 800 mL/ha provides effective control.
	Docks	Vic only	1.1 L/ha	Apply in September only and follow other recommendations above.
	Caltrop, Capeweed, Charlock, Mustards, Paterson's Curse, Shepherd's Purse, Saffron, Slender, Spear or Variegated Thistle, Turnip Weed, Wild Radish, Wild Turnip	NSW & ACT only	280 mL - 1.1 L/ha	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 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. DO NOT use on Buffalo Grass (WA only).
		WA only	40 mL/10 per 10-15 L water/100m ²	

3. SPOT SPRAYING

SITUATION & CROP	WEEDS	STATE	MIXING RATE/ CRITICAL COMMENTS
High Volume Spraying	Refer Weed Table	All States	Add 1/10 th of rate on weed table to 150 litres of water. Each 150 litres of mix will cover 1000 m ² (1/10 th ha) eg. If rate in weed table is 1.4 L use 140 mL/150 L water.
Knapsack Application			Add 1/100 th of rate on weed table to 10 litres of water. Each 10 L of mix will cover 100 m ² (1/100 th 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	VICTORIA		SA	WA	TAS
			EARLY TILLERING	TILLERED BOOT STAGE			
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.

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

WITHHOLDING PERIOD:

**Pasture, Cereal Crops - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.
Crop Harvest- NOT REQUIRED WHEN USED AS DIRECTED**

WEED TABLE:

NOTE: Where weeds are to be sprayed in a CROP or PASTURE (other than spot spraying), use only the rates 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 spot spraying rates for use in crop or pasture, or for use where weeds only 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	APPLICATION RATE PER HECTARE							CRITICAL COMMENTS
	CROP						PASTURES ACT, NSW, SA, QLD, TAS ONLY	
	VIC	NSW, ACT	SA	QLD	TAS	WA		
Amaranthus spp.	-	560 mL-1.1 L	-	900 mL	-	-	-	Spraying young plants.
Amsinckia	-	-	-	-	-	1.1 L	-	
Apple of Peru	-	560 mL-1.1 L	-	900 mL	-	-	-	Spray young plants. Susceptible when young.
Bathurst Burr	-	800 mL - 1.1 L	1.7 - 2.2 L	900 mL	-	-	800 mL - 1.1 L (not SA)	Spray seedlings only.
Bellvine	-	1.8 L	-	1.8 L	-	-	-	Spray before seedling. Advanced stages susceptible.
Billygoat Weed	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage.



WEED TABLE

WEEDS	APPLICATION RATE PER HECTARE							CRITICAL COMMENTS
	CROP						PASTURES	
	VIC	NSW, ACT	SA	QLD	TAS	WA	ACT, NSW, SA, QLD, TAS ONLY	
Bindweed	-	-	-	-	-	1.1 L	-	
Blackberry Nightshade	-	560 mL-1.1 L	-	900 mL	-	-	-	
Blackeyed Susan	-	1.8 L	-	1.8 L	-	-	-	Apply at pre-flowering preferably young stages.
Blue Snakeweed	-	1.8 L	-	1.8 L	-	-	-	Spray seedlings at young stages only.
California Burr	-	800 mL-1.1 L	-	900 mL	-	-	800 mL-1.1 L not SA	Spray seedlings only.
Cape Tulip	-	-	-	-	-	640 mL -1.3 L	-	Low rate for cornils only.
Capeweed	1.4 L	-	1.7 L	-	1.4 L	1.1 L	1.7 L-2.8 L	Spray seedlings to rosette stage.
Caltrop	-	800 mL-1.7 L	-	900 mL	-	1.1 L	-	Moderately susceptible.
Castor Oil Plant	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage.
Charlock	560 mL-800 mL	560 mL-1.1 L	560 mL	-	1.4 L	-	800 mL-1.1 L	Spray at rosette stage.
Clover	-	1.2 L	-	-	-	-	-	
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	3.2 L (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.
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 Melilotus	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 rosettes and pre-flowering.
Hogweed / Wireweed	1.4 L	-	-	1.4 L	-	-	-	Spray at multiple leaf stage (Vic). Spray at seedling and young plant stage (Qld).
Horehound	-	-	1.4 L	-	-	-	2.2-3.2 L SA only	Spray seedlings.
Indian Hedge Mustard	-	-	-	-	1.4 L	1.1 L	-	
Khaki Weed	-	-	-	-	-	-	1.1-2.2 L not SA	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 seedling - plants become more resistant with age.
Mintweed	-	1.1 L	-	900 mL	-	-	-	Spray seedlings - resistant in later stages.



WEED TABLE

WEEDS	APPLICATION RATE PER HECTARE							CRITICAL COMMENTS
	CROP						PASTURES	
	VIC	NSW, ACT	SA	QLD	TAS	WA	ACT, NSW, SA, QLD, TAS ONLY	
Morning Glory	-	1.8 L	-	1.8 L	-	-	-	Spray seedling to flowering stage.
Mustards	225-560 mL	560 mL-1.1 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	-	-	-	-	-	Spray seedlings only.
Noogoora Burr	-	800 mL-1.1 L	-	900 mL	-	-	800 mL-1.1 L not SA	
Paterson's Curse	-	1.1-1.7 L	-	1.4 L	-	1.3 L	1.7-2.2 L	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	-	-	-	Spray at young stage.
Purpletop	-	3.4 L	-	3.4 L	-	-	-	
Radish	-	-	-	-	-	1.1 L	-	
Ragwort	-	-	-	-	3.8 L	1.1 L	-	Spray up to early rosette stage (Tas only).
Rapistrum	-	-	-	-	-	1.1 L	-	
Rough Poppy	-	1.1 L	-	-	-	-	-	
Safflower	-	560 mL-1.1 L	-	-	-	-	-	
Shepherd's Purse	-	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 - Ivy Leaf	-	-	1.1 L	-	-	-	-	
Spinyhead Sida	-	1.8 L	-	1.8 L	-	-	-	Spray seedling 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 (Cupid's Flower)	-	-	-	1.8 L	-	-	-	Spray before seeding, advanced stages susceptible.
Stinkwort	-	800 mL-1.4 L	-	-	-	-	-	
Storkbill / Erodium	-	-	-	-	1.4 L	-	1.6-3.2 L	Spray seedlings to young rosettes.
Sunflower (seedlings)	1.4 L	560 mL-1.4 L	-	900 mL	-	-	-	
Annual Thistle	-	-	-	-	-	1.1 L	-	
Californian Thistle	-	-	-	-	2.7 L	-	3.2-3.8 L	Repeated applications may be necessary. (ACT, NSW, Tas only)
Saffron Thistle	1.1 L	560 mL-1.7 L	1.4 L	1.4 L	950 mL	1.1 L	1.1-1.7 L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
Slender / Shore Thistle	-	800 mL-1.7 L	-	-	1.4 L	-	1.1 L	Suppression only.
Soldier Thistle	1.4 L	-	-	-	-	-	1.1 L-1.6 L not ACT, NSW, Tas	Spray young rosettes.
Spear Thistle	560 mL	-	-	-	1.4 L	-	1.1-1.6 L	Spray young rosettes.



WEED TABLE

WEEDS	APPLICATION RATE PER HECTARE							CRITICAL COMMENTS
	CROP						PASTURES	
	VIC	NSW, ACT	SA	QLD	TAS	WA	ACT, NSW, SA, QLD, TAS ONLY	
Star Thistle	-	-	-	-	-	-	1.6-3.2 L SA only	Use higher rate as flower stalk appears.
Variegated Thistle	-	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 seedlings or young stages only.
Turnip Weed / Rapistrum	-	560 mL-1.1 L	-	560 mL	-	800 mL	560 mL-1.1 L	
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	-	1.4 L	640 mL	560 mL-1.1 L	Spray 2-4 leaf up to rosette stage.
Vetches/Tares	1.4 L	-	1.1 L	-	-	-	-	Spray at multiple leaf stage.

PLANT BACK PERIODS (DAYS) FOR KELPIE® AMINE 625 HERBICIDE

CROP	RATES		
	UP TO 560 mL/ha	560mL – 1.1 L/ha	1.1 – 1.7 L/ha
Balansa Clover	7	7	10
Barley ①	1	1	3
Chickpea ②	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 ④	7	14	21
Medic	7	7	10
Narbon Beans	7	7	10
Navybeans	10	10	14
Oats	3	3	7
Perennial Ryegrass	7	7	10
Persian Clover	7	7	10
Phalaris	7	7	10
Canola/Rapeseed ②	14	21	28
Rice	7	7	14
Safflower ②	7	14	21
Sorghum ③	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower ③	7	10	14
Triticale ①	1	3	7
Vetch	7	7	10
Wheat ①	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:

- ① In Queensland, no rainfall is required to fall prior to commencement of the Plant Back Period for wheat, barley and triticale.
- ② In Queensland, planting of canola/rapeseed, chickpeas and safflower must be delayed for at least 14 days following rainfall of at least 15 mm.
- ③ In Central Queensland, when using 1.6 L/ha or less of KELPIE® AMINE 625 HERBICIDE, the Plant Back Period for sorghum and sunflower is 1 day irrespective of rainfall.
- ④ 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.

TANK MIX

Read and follow all label directions including restraints, spray drift restraints, mandatory no-spray zones, critical comments, withholding periods, regional use restrictions and safety directions for the tank mix products.

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 clean water rinses.

COMPATIBILITY

KELPIE® AMINE 625 HERBICIDE is compatible in tank mixes with 500 g/L Dicamba, 500g/L Diuron Flowable, 900 g/kg Diuron, Glean®, Lusta®, 250 g/L Paraquat, Propon®, 900 g/kg Atrazine, 500 g/L Atrazine Flowable Paraquat & Diquat mix, Tordon 50D® and Bumper®.

Resistant Weeds Warning

GROUP I HERBICIDE

KELPIE® AMINE 625 HERBICIDE is a member of the Phenoxys group of herbicides. KELPIE® AMINE 625 HERBICIDE has the Disruptors of plant cell growth mode of action. For weed resistance management, KELPIE® AMINE 625 HERBICIDE is a Group I Herbicide. Some naturally occurring weed biotypes resistant to KELPIE® AMINE 625 HERBICIDE and other Group I Herbicide 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 KELPIE® AMINE 625 HERBICIDE or other Group I Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sinochem International Australia Pty Ltd accepts no liability for any losses that may result from the failure of KELPIE® AMINE 625 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, which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. Crops particularly susceptible include cotton, tobacco, tomatoes, flowers, vegetables, vines, fruit trees, legume crops and pastures, oil seed crops or other susceptible crops and trees (e.g. Kurrajongs, Belahs and Eucalypts). 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 dams, ponds, rivers, drains, streams or waterways with this product or used container.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site.

If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

For REFILLABLE containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray wear PVC or rubber apron, overalls, 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.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained from your supplier or from the Sinochem Australia website at:

www.sinochem.com.au

FIRST AID

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

<p>IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</p>	<p>FOR SPECIALIST ADVICE IN AN EMERGENCY DIAL 1800 033 111 24 HOURS AUSTRALIA WIDE</p>
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Harmful to aquatic life with long lasting effects.
May cause respiratory irritation. Use only outdoors in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. DO NOT induce vomiting.
 IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. Refer to Safety Data Sheet before use.

LIMITATION OF LIABILITY

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