

POISON

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



2,4-D 625[®]

Selective Herbicide

ACTIVE CONSTITUENT: 625g/L 2,4-D present as the DIMETHYLAMINE and DIETHANOLAMINE SALTS

GROUP I HERBICIDE

For the control of broadleafed 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 OPENING OR USING THIS PRODUCT

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Leaflet_0917

APVMA Approval No: 67401/55963

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				
CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE/HA	CRITICAL COMMENTS
Wheat	Refer Weed Table	NSW, ACT, SA only	320mL-1.7L	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). 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	225mL-1.4L	
		Qld only	560mL-1.4L	
		Tas only	800mL-1.4L	
Barley		NSW, ACT, SA only	320mL-1.4L	
		Vic only	225mL-1.4L	
		Qld only	560mL-1.4L	
		Tas only	800mL-1.4L	
Cereal Rye, Triticale		NSW, ACT, SA only	320mL-1.4L	
		Vic only	225mL-1.4L	
Oats		NSW, SA only	320-800mL	
		Vic only	225-800mL	
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only	640mL-1.3L	Apply from the 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: 10-15cm. Docks should be sprayed before 5 leaf stage. Cape Tulip: Low rate for cormils only. 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.
	Dock, Flatweed, Saffron Thistle		1.1L	
	Indian Hedge, Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish		800mL	
	Wild Turnip		640mL	
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip		200mL plus 500mL Flowable Diuron (500g/L)	
Wheat, Barley	Wild Radish	Vic, SA, ACT, NSW only	80mL plus 850g Bayer Tribunex ¹ Herbicide	Spray 2-6 weeks after sowing and not later. DO NOT use on crops undersown with lucerne.
Fallow, Stubble: Spray prior to Direct Drilling or Sowing (a) Winter Cereals (b) Winter cereals, Maize, Sweetcorn, Peanuts	Refer Weed Table	Vic only	225mL-1.4L	Observe plant back periods given in the table on this leaflet. Can be mixed with Chlorsulfuron 750, Paraquat 250, or Spray-Seed [®] where grasses are present. Select an appropriate rate from the weed table. For Skeleton Weed, spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.
		NSW, ACT only	560mL-1.7L	
		Qld only		
Maize, Sweetcorn		NSW, ACT, SA only	560mL-1.1L	Apply when crop is 10-20cm high and secondary roots are developing for an over the top spray. When crop is 20cm high and just before tasselling, spray with dropped nozzles to avoid chemical being sprayed into the whorl and on upper leaves.
		Qld only	560-900mL	Apply when the crop is 10-30cm high and secondary roots have developed. Use drop nozzles and direct the spray when crop exceeds 30cm in height and before tasselling.
		Tas only	800mL-1.4L	Apply when crop is 15-30cm high. DO NOT spray if the crop is showing signs of stress. Some leaf twisting may occur following application but crop recovers quickly.
Sorghum		NSW, ACT, Vic, SA only	560mL-1.1L	Apply preferably when the crop is at 3-6 fully expanded leaf stage but can be sprayed from 2-8 leaf stage. From 6 leaf stage onwards to within 2 weeks of flowering, crop can be sprayed with drop nozzles to avoid chemical being sprayed into the whorl and on upper leaves.
		Qld only (except Central Qld)	560-900mL	Apply when crop has 4 to 8 fully expanded leaves and secondary roots have developed.
Millet		NSW, SA, ACT, Vic only	560mL-1.1L	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	560-900mL	
Maize, Sweetcorn, Saccaline, Broom Millet, Millet	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupins, Rapistrum, Radish, Wild Turnip	WA only	1.1L	Spray when crop is 10-30cm high and secondary roots have developed and before tasselling. Apply as direct spray to weeds.
				Apply when crop is 12cm high. DO NOT apply between the tassel and dough stage. Avoid spraying when in flower.
Grain sorghum				
Sugar Cane (Q80, Q96 & H56 varieties)	Bellvine	Qld, NSW only	280mL / 100L water	Apply in spring, using directed spray.
	Morning Glory		560mL-1.1L	Apply in summer, using high clearance tractor.
	Pink Convolvulus, Star of Bethlehem		1.1L	Apply in autumn by aircraft or misters.
Sugar Cane	Bindy Eye (Star Burr), Blue Top (Blue heliotrope), Cobblers Pegs, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus Vines	Qld only	1.8-3.5L	Add 170mL 600g/L non-ionic surfactant / 100L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80, or Q96 Varieties.
			3.5L	
Peanuts	Broadleaf Weeds, except Noogoora Burr; Grasses, except Mossman Burr	Qld only	1.8-3.6L	LOWER RATE: Apply as BAND SPRAY as soon as possible after planting in a 55cm 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.

1. FIELD CROPS – continued				
CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE/HA	CRITICAL COMMENTS
Harvest Aid or Salvage Spray - Winter Cereals - Maize and sorghum	Desiccate Broadleaf Weeds	Qld, NSW only	1.2-1.7L	Apply after dough stage.
	Refer to weeds table			
Bananas	To destroy Banana suckers	Qld only	160mL / 10L water	Inject at the rate of 15mL per fully grown plant, 10mL per medium sized plant and 5mL for small suckers. Allow suckers from corms of treated plants to form broad adult leaves, then spray. Isolated spots may require a second spray.
			320mL / 100L water	
Common Stylo forage or seed crops	Refer to Weeds Table		800mL	Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
Caribbean Stylo forage or seed crops			800mL-1.6L	Apply post-emergence when crop is 3 weeks old.
2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS				
CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE/HA	CRITICAL COMMENTS
Pastures and Non-Agricultural	Refer Weed Table	NSW, Qld, SA, ACT Tas only	560mL-1.7L	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
	Galvanised Burr	NSW, ACT only	320mL / 100L water	Apply to young actively growing weeds. Ensure thorough coverage and even 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 Thistles, Paterson's Curse, Heliotrope, Ragwort, Threecornered Jack (Doublegee, Spiny Emex)	WA only	1.1-2.4L	For pastures not containing legumes. Only seedling Docks, Spear Thistle and Saffron Thistle will be controlled. SUMMER WEEDS: Use low rate for seedlings, 1.6-2.4L/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, 1.6-2.4L/ha for larger plants. If stock present, use spray/grazing rates.
	Afghan Melons		1.6L plus 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.
	Paddy Melons		800mL-1.1L	
	Prickly Saltwort (Roly Poly)		1.6L	Spray when plants are small.
Stinkwort			1.6-3.2L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
			3.2L	Spray after good emergence of seedlings.
Pastures, Rights of Way & Industrial	Boxthorn, Boneseed, Hawthorn	Vic, SA only	80mL / 10L water	Spot Spraying. For Boneseed only, thoroughly wet plants or seedlings.
			Undiluted	Apply as an undiluted spray to freshly cut stumps.
	Groundsel	NSW, Qld, ACT, SA only	950mL / 15L water	MISTING: Lightly wet plants.
			320mL / 100L water	HIGH VOLUME: Thoroughly wet plants.
		Tas only	240mL / 15L water	CUT STUMP: Swab the cut stump immediately. Apply by a pouring can or knapsack spray.
		Qld, NSW, ACT, SA, Tas only	2.9-4.4L	AERIAL APPLICATION: Spray when Groundsel is actively growing.
	Mother of Millions	NSW only	400mL / 100L water	Hand gun and knapsack only. A thorough coverage of leaves and plantlets is necessary. Use 1000g/L non-ionic surfactant at the rate of 1mL of surfactant per 1L of mixture.
	Lantana	NSW, Qld, ACT, SA only	320mL / 100L 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.
	Noogoora Burr, Weir Vine (Ipomea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	Qld only	160mL / 100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage.
	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, Saffron Thistle, Star Burr, Thornapple, Variegated Thistle [®]	Qld only	320mL / 100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. * Spray rosette stage. ° Repeat spraying necessary.
Rubber Vine	Qld only	160mL / 10L water	Apply to freshly cut stump.	
Sesbania Pea		560-900mL		
Water Hyacinth		3.5-5.3L	Apply to 2200 to 3300L water/ha	
Wild Tobacco Tree		240mL / 15L 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	Charlock, Mustards, Shepherd's Purse, Saffron, Slender, Spear and Variegated Thistles [®] , Turnip Weed, Wild Radish, Wild Turnip	All States	560mL-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.
			1.1L plus 700mL-1L of Dicamba (200 g/L)	Apply to actively growing plants in autumn. DO NOT sow pasture seed for at least 30 days after application.
	Clover, Sorrel			
Pastures - Spray Graze Techniques				*PRECAUTIONS: An increased quantity of poisonous plants may be eaten by stock using Spray-Graze e.g. 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, Capeweed, Docks, Doublegee, Erodium, Mustards, Paterson's Curse (Salvation Jane), Thistles, Geranium, Wild Radish, Wild Turnip	SA only	560mL	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, Geranium Mustards, Three Cornered Jack (Doublegee, Spiny Emex), Paterson's Curse (Salvation Jane), Slender Thistle, Spear Thistle, Turnip, Saffron Thistle	Tas, Vic only		
	Amsinckia, Docks (seedling only), Capeweed, Mustard, Three Cornered Jack (Doublegee, Spiny Emex), Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles	WA only	600-800mL	
	Spear Thistle, Saffron Thistle	WA only	1.2L	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		1.6L plus 1% oil	Heavy stocking on young plants sprayed with 800mL/ha provides effective control.
	Docks	Vic only	1.1L	Apply in September only and follow other recommendations above.

