

# CAUTION

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



# 2,4-D Amine 625

## Herbicide

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

**GROUP I HERBICIDE**

For the control of broadleaved 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.

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## 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 AND CROP	WEEDS	STATE	RATE (per 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	Apply from tillering to boot stage (Vic only)
		Tas only	800 mL - 1.4 L	Apply from mid tillering to before boot stage (Qld only)
Barley		NSW, ACT, SA only	320 mL - 1.4 L	
		Vic only	225 mL - 1.4 L	
		Tas only	800 mL - 1.4 L	
Cereal Rye, Triticale		Qld only	560 mL - 1.4 L	
		NSW, ACT, SA only	320 mL - 1.4 L	
Oats		Vic only	225 mL - 1.4 L	
		NSW, SA only	320 mL - 800 mL	
Cereals: Wheat, Oats, Barley		Cape Tulip	WA only	640 mL - 1.3 L
	1.1 L			
	800 mL			
	640 mL			
	200 mL + 500 mL diuron (500 g/L)			
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip		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 + 850 g methabenzthiazuron (700 g/kg)	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 - 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 or paraquat/diquat (e.g. Spray Seed™) where grasses are present. Select 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.

**FIELD CROPS** *continued*

SITUATION AND CROP	WEEDS	STATE	RATE (per ha)	CRITICAL COMMENTS
Millet	Refer Weed Table	NSW, SA, ACT, Vic only	560 mL - 1.1 L	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 - 900 mL	
Sacaline, Broom millet, Millet	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, 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.
Sugar Cane (Q80, Q96, & H56 varieties)	Bellvine	Qld, NSW only	280 mL/100 L water	Apply in Spring, using directed spray.
	Morning Glory		560 mL - 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, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomoea Vines, Convolvulus Vines	Qld only	1.8 - 3.5 L	Add a 100% non-ionic surfactant (e.g. BS1000) at 100 mL/100 L of water. 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 River Grass	Qld only	1.8 L - 3.6 L	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	Dessicate broadleaf weeds	All States	1.2 L - 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 Carribbean 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.
			800 mL - 1.6 L	Apply post-emergence when crop is 3 weeks old.

## 2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL (Boom Application)

SITUATION AND CROP	WEEDS	STATE	RATE (per ha)	CRITICAL COMMENTS
Pastures and Non-Agricultural Areas	Refer Weed Table	NSW, Qld, 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.
	Amsinckia, Docks, Bindweed, Caltrop, Flatweed, Spear Thistle, Capeweed, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson's Curse, Heliotrope, Ragwort, Three cornered Jack (Doublegee, Spiny Emex)	WA only	1.1 L - 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. 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 plus 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.
	Paddy Melons		800 mL - 1.1 L	
	Prickly Saltwort (Roly Poly)		1.6 L	Spray when plants are small.
	Stinkwort		1.6 L - 3.2 L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
	Dove Weed		3.2 L	Spray after good emergence of seedlings.
	Pastures, Rights of Way and Industrial Areas	Groundsel	Qld, NSW, ACT, SA, Tas only	2.9 L - 4.4 L
Sesbania Pea		Qld only	560 mL - 900 mL	
Water Hyacinth			3.5 L - 5.3 L	Apply to 2200 to 3300 L water/ha.
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	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 + 280 - 400 mL dicamba (500 g/L)	Apply to actively growing plants in Autumn. Do not sow pasture seed for at least 30 days after application.

**PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL continued**

SITUATION AND CROP	WEEDS	STATE	RATE (per ha)	CRITICAL COMMENTS
Pastures - Spray Graze Techniques				*PRECAUTION. An increased quantity of poisonous plants may be eaten by stock using Spray-Graze e.g. Caltrop, Capeweed, Paterson's Curse, 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, Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	Tas, Vic only		
	Amsinckia, Docks (Seedling only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles	WA only	600 mL - 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.
	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	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.

### 3. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL (High Volume Application)

SITUATION AND CROP	WEEDS	STATE	RATE (/100 L of water)	CRITICAL COMMENTS
Pastures and Non-Agricultural Areas	Galvanised Burr	NSW, ACT only	320 mL	Apply to young actively growing weeds. Ensure thorough and even coverage of plants. <b>Note:</b> Treated plants need to be burnt to destroy seeds.
Pastures, Rights of Way and Industrial Areas	Boxthorn, Boneseed, Hawthorn	Vic, SA only	800 mL	Spot spraying. For boneseed only, thoroughly wet plants or seedlings.
	Groundsel	NSW, Qld, ACT, SA only	320 mL	Thoroughly wet plants.
	Lantana	NSW, Qld, ACT, SA only	320 mL	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 re-spraying 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.
	Mother of Millions	NSW only	400 mL	Hand gun and Knapsack only. A thorough coverage of leaves and plantlets is necessary. Add a 100% non-ionic surfactant (e.g. BS1000) at 100 mL/100 L of water.
	Noogoora Burr, Weir Vine (Ipomoea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	Qld only	160 mL	In all cases apply to young, actively growing weeds, ensuring thorough coverage.
	Annual and 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*		320 mL	In all cases apply to young, actively growing weeds, ensuring thorough coverage.  * Spray rosette stage. • Repeat spraying necessary.
High Volume Spraying	Refer to Weed Table	All States	Add 1/10th of rate on weed table to 150 L of water.	Each 150 L of mix will cover 1000 m <sup>2</sup> (1/10th ha). If rate in weed table is 1.4 L use 140 mL/150 L water.
Knapsack Application	Refer to Weed Table	All States	Add 1/100 th of rate on weed table to 10 L of water.	Each 10 L of mix will cover 100 m <sup>2</sup> (1/100 th ha). e.g. If rate in weed table is 1.4 L use 14 mL/10 L water.

#### 4. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL AREAS (Cut Stump Application)

SITUATION AND CROP	WEEDS	STATE	RATE (/15 L of water)	CRITICAL COMMENTS
Pastures, Rights of Way and Industrial Areas	African Boxthorn, Boneseed, Hawthorn	Vic, SA only	Undiluted	Apply or paint undiluted 2,4-D Amine 625 to freshly cut stumps.
	Groundsel	Tas only	240 mL	Swab the cut stump immediately. Apply by a pouring can or Knapsack spray.
	Rubber Vine	Qld only		Apply to freshly cut stump.
	Wild Tobacco Tree		Swab cut stump within 1 hour of cutting. Apply by pouring can or knapsack sprayer.	

#### 5. LAWNS AND PLAYING FIELDS

SITUATION AND CROP	WEEDS	STATE	RATE (/15 L of water)	CRITICAL COMMENTS
Lawns, Playing fields	Refer Weed Table	Qld, NSW only	1.5 mL - 3 mL/1 L of 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 per 10 L - 15 L water/100 m <sup>2</sup>	DO NOT use on Buffalo grass (WA only)

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

CROP	QLD	NSW, ACT	WA	VIC	SA	WA	TAS
			Early Tillering	Tillered Boot stage		Tillered to Boot JZ15-35)	Tillered to Boot J15-35)
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.**

#### WITHHOLDING PERIOD:

#### PASTURE, CEREAL CROPS:

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

#### HARVEST WITHHOLDING 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.**

## WEED TABLE:

**NOTE:** Where weeds are to be sprayed in a CROP or PASTURE 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 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 (/ha)							CRITICAL COMMENTS
	CROP					PASTURE		
	VIC	NSW & ACT	SA	QLD	TAS	WA	NSW, ACT, SA, QLD, TAS only	
<i>Amaranthus</i> 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	-	-	-	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 seeding. Advanced stages susceptible.
Billygoat Weed	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage.
Bindweed	-	-	-	-	-	1.1 L	-	-
Blackberry Nighthshade	-	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 corniils 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.

**WEED TABLE continued**

WEEDS	APPLICATION RATE (/ha)							CRITICAL COMMENTS
	CROP					PASTURE		
	VIC	NSW & ACT	SA	QLD	TAS	WA	NSW, ACT, SA, QLD, TAS 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 L - 1.7 L	Spray multiple leaf stage before seeding.
Hoary Cress	900 mL - 1.4 L	1.1 L - 1.7 L	1.4 L	1.4 L	-	-	1.4 L - 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 L - 3.2 L SA only	Spray seedlings.
Indian Hedge Mustard	-	-	-	-	1.4 L	1.1 L	-	
Khaki Weed	-	-	-	-	-	-	1.1 L - 2.2 L not SA	Spray seedlings only.
Knobweed	-	-	-	1.8 L - 3.4 L	-	-	-	Lower rate for seedlings; higher rate for later stage.
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 mL - 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.

**WEED TABLE continued**

WEEDS	APPLICATION RATE (/ha)							CRITICAL COMMENTS
	CROP					PASTURE		
	VIC	NSW & ACT	SA	QLD	TAS	WA	NSW, ACT, SA, QLD, TAS only	
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 - 1.1L	-	900 mL	-	-	800 mL - 1.1 L not SA	Spray seedlings only.
Paterson's Curse	-	1.1 L - 1.7 L	-	1.4 L	-	1.3 L	1.7 L - 22 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	-	-	-	-
Purpletop	-	3.4 L	-	3.4 L	-	-	-	Spray at young stage.
Radish	-	-	-	-	-	1.1 L	-	-
Ragwort	-	-	-	-	3.8 L	1.1 L	-	Spray up to early rosette stage (Tas only)
Rapeseed	-	800 mL	-	-	-	-	-	-
Rapistrum	-	-	-	-	-	1.1 L	-	-
Rough Poppy	-	1.1 L	-	-	-	-	-	-
Safflower	-	560 mL - 1.1 L	-	-	-	-	-	-
Shepherds 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 L - 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 seeding 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 L - 3.2 L	Spray seedlings to young rosettes.

**WEED TABLE continued**

WEEDS	APPLICATION RATE (/ha)							CRITICAL COMMENTS
	CROP					PASTURE		
	VIC	NSW & ACT	SA	QLD	TAS	WA	NSW, ACT, SA, QLD, TAS only	
Sunflower (seedlings)	1.4 L	560 mL - 1.4 L	-	900 mL	-	-	-	-
Thistles: - Annual	-	-	-	-	-	1.1 L	-	-
- Californian	-	-	-	-	2.7 L	-	3.2 L - 3.8 L	Repeated applications may be necessary (NSW, Tas only)
- Saffron	1.1 L	560 mL - 1.7 L	1.4 L	1.4 L	950 mL	1.1 L	1.1 L - 1.7 L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
- Slender / Shore	-	800 mL - 1.7 L	-	-	1.4 L	-	1.1 L	Suppression only.
- Soldier	1.4 L	-	-	-	-	-	1.1 L - 1.6 L not NSW, Tas	Spray young rosette.
- Spear	560 mL	-	-	-	1.4 L	-	1.1 L - 1.6 L	Spray young rosettes.
- Star	-	-	-	-	-	-	1.6 L - 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 L - 1.7 L	Spray at rosette stage.
Thornapple	-	800 mL - 1.1 L	-	-	-	-	1.6 L - 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	-	560 mL - 1.1 L	-	560 mL	-	800 mL	560 mL - 1.1 L	-
Vetches/Tares	1.4 L	-	1.1 L	-	-	-	-	Spray at multiple leaf stage.
Wards Weed	-	-	1.11	-	-	-	-	-
Wild Cabbage	1.4 L	-	-	-	-	-	-	Spray multiple leaves.
Wild Poppy	560 mL	-	-	-	-	-	1.1 L - 1.7 L	Spray rosettes.
Wild Radish	1.4 L	1.4 L - 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 mL - 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

## Plantback Periods (days) for Dow AgroSciences 2,4-D Amine625 Herbicide

CROP	RATES		
	Up to 560 mL/ha	560 mL – 1.1 L/ha	1.1 mL – 1.7 L/ha
Balansa Clover	7	7	10
Barley ❶	1	1	3
Chickpeas ❷	7	14	21
Cotton	10	14	21
Faba Bean	7	7	10
Field Peas	7	14	14
Lentils	7	7	10
Linseed	7	7	14
Lucerne	7	7	10
Lupins ❶	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 ❷	14	21	28
Rice	7	7	14
Safflower ❸	7	14	21
Sorghum ❹	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower ❹	7	10	14
Triticale ❶	1	3	7
Vetch	7	7	10
Wheat ❶	1	3	7
White Clover	7	7	10

**IMPORTANT: WHEN APPLIED TO DRY SOILS AT LEAST 15mm OF RAIN MUST FALL PRIOR TO THE COMMENCEMENT OF THE PLANT BACK PERIOD.**

### NOTES:

- ❶ In Queensland, no rainfall is required to fall prior to commencement of Plantback Period for wheat, barley and triticale.
- ❷ In Queensland, planting of canola/rapeseed, chickpeas and safflower must be delayed for at least 14 days following rainfall of at least 15 mm.
- ❸ In Central Queensland, when using 800 mL/ha or less of 2,4-D Amine 625 the Plantback Period for sorghum and sunflower is 1 day irrespective of rainfall.
- ❹ In WA the Plantback 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.  
HIGH VOLUME SPRAYING - Use 1500 - 2500 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.

## COMPATIBILITY

This product may be tank mixed with dicamba, diuron (500 g/L or 900 g/kg), Garlon\* 600, chlorsulfuron, Atrazine 900 g/kg, atrazine 600 g/L, paraquat, Grazon\* DS, Spray Seed®, Starane\* 200, Tordon\* 75-D, Methabenzthiazuron® and propiconazole 250 g/L.

## NOTE:

1. As formulations of other manufacturers' products are beyond the control of Dow AgroSciences all mixtures should be tested on a small scale before mixing in the spray tank.
2. Tank mixing instructions:  
Fill the spray tank 1/4 full of water and agitate. Add wettable powders and water dispersible granules first. Agitate until these are uniformly dispersed, meanwhile adding water until the tank is 90% full. Add suspension concentrates (flowables) then soluble concentrates. Emulsifiable concentrates go in last. Top off the tank with water and continue agitation until all the ingredients are properly mixed.

Observe any mixing sequence instructions mentioned on the tank mix products.

## RESISTANT WEEDS WARNING

### GROUP I HERBICIDE

Dow AgroSciences 2,4,-D Amine 625 Herbicide is a member of the Phenoxy group of herbicides. 2,4,-D Amine 625 has the Disruptors of plant cell growth mode of action. For weed resistance management 2,4,-D Amine 625 is a Group I herbicide. Some naturally occurring weed biotypes resistant to 2,4,-D Amine 625 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 2,4,-D amine 625 or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences Australia Limited accepts no liability for any losses that may result from the failure of 2,4,-D Amine 625 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 to drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, fruit trees, vegetables, legume crops and pastures, oilseed crops and susceptible trees (e.g. Kurrajongs, Belahs and Eucalypts).

## PROTECTION OF LIVESTOCK

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

## PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

### Storage of all containers:

- Store in the closed, original container in a cool, well ventilated area.
- DO NOT store for prolonged periods in direct sunlight.

## DISPOSAL

### Recycled containers:

- This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management site. The cap should not be replaced but may be taken separately.

### Non-recycled containers:

- If not recycling, break, crush or puncture and bury empty 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.

### Refillable containers:

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

### Returnable containers:

- Do not tamper with the dry valves or security seal. Do not contaminate the drum with water or any other foreign matter. After each use of the product ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained. Add the rinsings to the spray tank. When the drum is empty close all valves and return to the point of purchase. The drum remains the property of Dow AgroSciences and must be returned.

### 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 (Ph. 13 11 26).

### MATERIAL SAFETY DATA SHEET

Additional information is listed on the Material Safety Data Sheet for Dow AgroSciences 2,4-D Amine 625 Herbicide which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096.

### NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions 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 Dow AgroSciences, or under abnormal conditions.

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IN A TRANSPORT  
EMERGENCY ONLY  
**DIAL 000**  
FOR POLICE OR  
FIRE BRIGADE

**EMERGENCY RESPONSE**  
**(ALL HOURS)**  
RING FROM ANYWHERE  
IN AUSTRALIA  
**1-800 033 882**  
(LOCAL CALL FEE ONLY)

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