

blank page

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

**Apparent** 

## 2,4-D 625 Amine

### HERBICIDE

ACTIVE CONSTITUENT: 625 g/L 2,4-D PRESENT AS THE DIMETHYLAMINE AND DIETHANOLAMINE SALTS

**GROUP** | **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 the attached booklet before use.**

APVMA Approval No. 62550/50122

**APPARENT PTY LTD A.C.N. 143 724 136**  
Suite G.08 | 762 Toorak Road, Hawthorn East VIC 3123 Australia  
T +61 3 9822 1321 F +61 3 9817 7845 E [enquiries@apparentag.com.au](mailto:enquiries@apparentag.com.au) [www.apparentag.com.au](http://www.apparentag.com.au)

**DIRECTIONS FOR USE****RESTRAINTS:**

DO NOT spray if rain seems likely within 6 hours or if strong wind prevail.

DO NOT apply if crop or weeds are stressed due to dry or excessive moist conditions.

**1. FIELD CROPS**

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE
<b>Wheat</b>	Refer Weed Table	NSW,SA, ACT only	320 mL - 1.7 L/ha
		Vic. Only	225 mL - 1.4L/ha
		Qld Only	560 mL - 1.4L/ha
		Tas Only	800 mL - 1.4L/ha
<b>Barley</b>		NSW, SA, ACT only	320 mL - 1.4L/ha
		Vic Only	225 mL - 1.4L/ha
		Qld Only	560 mL - 1.4L/ha
		Tas Only	800 mL - 1.4L/ha
<b>Cereal Rye, Triticale</b>		NSW, SA, ACT only	320 mL - 1.4L/ha
		Vic Only	225 mL - 1.4L/ha
<b>Oats</b>		NSW, SA only	320 - 800 mL/ha
		Vic only	225 - 800 mL/ha
<b>Cereals: Wheat, Oats, Barley</b>	Cape Tulip	W.A. only	640 mL - 1.3 L/ha
	Dock, Flatweed, Saffron Thistle		1.1 L/ha
	Indian Hedge Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish		800 mL
	Wild Turnip		640 mL
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip		200 mL/ha Plus 500 mL/ha Diuron (500 g/L)
<b>Wheat Barley</b>	Wild Radish	Vic, SA, NSW, ACT only	800 mL/ha plus 850 g/ha Tribunex Herbicide
<b>Fallow, Stubble: Spray prior to Direct Drilling or Sowing Winter Cereals, Grain legumes (peanuts Qld only) and Canola</b>	Refer Weed Table	All States	225 mL - 1.7 L/ha
<b>Millet</b>	Refer Weed Table	NSW, SA, ACT, Vic. only	560 mL - 1.1 L/ha
		Qld only	560 - 900 mL
<b>Saccaline, Broom Millet, Millet</b>	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, Radish, Wild Turnip	WA only	1.1 L/ha
<b>Sugar cane (Q80, Q96, and H56 varieties)</b>	Bell vine, Morning Glory,	Qld, NSW only	280 mL/100 L water
	Pink convolvulus,		560 mL – 1.1 L/ha
	Star of Bethlehem		1.1 L/ha
<b>Sugar Cane</b>	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
	Chinese Mint, Blue Snakeweed		3.5 L/ha

**CRITICAL COMMENTS**

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 to before the boot stage (Qld. only)

Apply at 5 leaf to fully tillered (Tas only)

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: 10-15cm. Docks should be sprayed before 5 leaf stage. Cape Tulip – use low rate for cornils only.

Apply when crop has 4-5 leaves and most weeds have germinated and are in the 2-5 leaf stage. Crop and weeds should be dry at the time of application. Some temporary yellowing of the crop may occur after application. Undersown sub-clovers may be slightly retarded. DO NOT apply to undersown medics.

Spray 2-6 weeks after sowing and not later. DO NOT use on crops undersown with lucerne.

Observe plant back periods given in the table in this leaflet. Can be mixed with Lusta\*, Clean\*, 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.

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.

Spray when crop is 10-30cm high and secondary roots have developed and before tasselling. Apply as directed spray to weeds.

Apply in spring as a direct spray.

Apply in summer using a high clearance tractor.

Apply in autumn by aircraft.

Add 60 - 120 mL Spraymate Activator to 100 L of spray mixture. Agitate well.

DO NOT use on Q63, Q67, Q80 or Q96 varieties.

SITUATION & CROP (cont)	WEEDS CONTROLLED	STATE	RATE
<b>Peanuts</b>	Broadleaf Weeds, except Noogoora Burr, Grasses, except Mossman Burr	Qld only	1.8 - 3.6 L/ha
<b>Harvest Aid or Salvage Spray -Winter Cereals</b>	Desiccate Broadleaf Weeds	All States	1.2 - 1.7 L/ha
<b>Bananas</b>	To destroy banana suckers	Qld only	160 mL/10 L/ha water 320 mL/100 L/ha water 800 mL
<b>Common Stylo forage or seed crops</b>	Refer to Weeds table		800 mL
<b>Carribean Stylo forage or seed crops</b>			800 mL -1.6 L/ha

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

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE
<b>Pastures &amp; non agricultural</b>	Refer Weed Table	NSW, Qld, SA, ACT, Tas only	560 mL - 1.7 L/ha
	Galvanised burr	NSW, ACT only	320 mL/100 L/ha water
	Amsinckia, Annual Thistles, Bindweed, Caltrop, Capeweed, Docks, Flatweed, Heliotrope, Mustard, Paterson's Curse (Salvation Jane), Ragwort, Saffron thistle, Spear Thistle, Three cornered Jack (Doublegee, Spiny Emex), Wild Radish, Wild Turnip.	WA only	1.1 L – 2.4 L/ha
	Algan Melons		1.6 L/ha plus 1% crop oil
	Paddy melons		800 mL - 1.1 L/ha
	Prickly Saltwort (Roly poly)		1.6 L
	Stinkwort		1.6 - 3.2 L/ha Plus Wetting agent (1000 g/L)
	Dove weed		3.2 L/ha
	Boxthorn, Boneseed, Hawthorn	Vic, SA only	80 mL / 10 L/ha water Undiluted
	Groundsel	NSW, Qld, SA, ACT only Tas only Qld, NSW, ACT, SA, Tas only	950 mL/15 L/ha water 320 mL/100 L/ha water 240 mL/15 L /ha water 2.9 - 4.4 L/ha
Lantana	NSW, QLD, SA, ACT only	320 mL/100 L/ha water	
Mother of millions	NSW only	400 mL /100 L/ha water	
Noogoora Burr, Scarlet pimpernel (seedlings only), Weir Vine (pomea), White eye (Mexican clover)	Qld only	160 mL/100 L/ha water	

CRITICAL COMMENTS
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.
Apply after dough stage.
Inject at the rate of 15mL per fully grown plant, 10mL per medium sizes 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. Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
Apply post-emergence when crop is 3 weeks old.

CRITICAL COMMENTS
Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
Apply to young actively growing weeds. Ensure thorough coverage of plants. <b>NOTE:</b> Treated plants need to be burnt to destroy seeds.
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 are present use spray grazing rates.
Spray when plants are actively growing preferably before flowering or vining.
Spray when plants are small.
Best results are obtained when plants are small. Use higher rate on larger plants.
Spray after good emergence of seedlings.
Spot Spraying: For boneseed only, thoroughly wet plants or seedlings.
Cut stump: Apply or paint as undiluted Apparent 2,4-D 625 Amine Herbicide to freshly cut stumps.
MISTING: Lightly wet plants.
HIGH VOLUME: Thoroughly wet plants
CUT STUMP: Swab the cut stump within one hour of cutting. Apply by a pouring can or knapsack spray.
AERIAL APPLICATION: Spray when Groundsel is actively growing.
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.
Handgun and knapsack spray only: Thorough coverage of leaves and plantlets is necessary. Add surfactant to penetrate the cuticle.
In all cases apply to young, actively growing weeds, ensuring thorough coverage.

SITUATION & CROP (cont)	WEEDS CONTROLLED	STATE	RATE
<b>Pastures, Rights of way, Industrial. (cont)</b>	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*	Qld only	320 mL/100 L/ha water
	Rubber Vine		160 mL/10 L/ha water
	Sesbania pea		560 mL – 900 mL
	Water hyacinth		3.5 – 5.3 L/ha
	Wild Tobacco Tree		240 mL/15 L/ha water
<b>Conservation tillage - Direct Drilling, Surface Sowing or Fallow maintenance</b>	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
	Clover , Sorrel	All States	1.1 L/ha plus 280 - 400 mL/ha of 500 g/L dicamba
<b>Pastures - Spray/Graze Techniques</b>			
	Amsinckia, Thistles, Capeweed, Doublegee, (three cornered jack, spiny emex) Mustards, Paterson's Curse (Salvation Jane), Wild Turnip, Wild Radish, Docks, Geranium, Erodium	SA only	560 mL/ha
	Annual Thistles, Capeweed, Doublegee (three cornered jack, spiny emex), Geranium, Mustards, Paterson's Curse (Salvation Jane), Saffron thistle, Slender Thistle, Spear Thistle, Turnip.	Tas & Vic only	
	Amsinckia, Capeweed, Docks (seedlings only), Doublegee (three cornered jack, spiny emex), Mustard, Paterson's Curse (Salvation Jane), Wild Radish, Wild Turnip, Annual thistles.	WA only	600 - 800 mL/ha
	Saffron thistle, Spear thistle		1.2 L/ha
	Melons	WA only	1.6 L/ha Plus 1% Canola oil (832 g/L)
	Docks	Vic only	1.1 L/ha
Caltrop, Capeweed, Charlock, Mustards, Paterson's Curse (Salvation Jane), Shepherd's Purse, Saffron, Slender, Spear and Variegated Thistle, Turnip Weed, Wild Radish, Wild Turnip	NSW & ACT only	280 mL - 1.1 L/ha	
<b>Lawns, Playing Fields</b>	Refer Weed Table	Qld, NSW only	1.5 - 3 mL/1 L water OR 1.6 – 3.2 L/ha
		WA only	40 mL/10 to 15 L/ha water/100m <sup>2</sup>

CRITICAL COMMENTS
* Spray rosette stage - Clockweed, Variegated Thistle
° Repeat spraying necessary - Hoary Cress
Apply to freshly cut stump.
Apply in 2200 to 3300L water/ha Cut Stump Treatment: Swab the cut stump within one hour of cutting. Apply by a pouring can or knapsack spray.
Apply to actively growing young weeds before sowing. Observe plant back periods given in the table on this leaflet.
<b>* Warning:</b> Treated plants may become toxic to stock.
Apply to actively growing plants in autumn. Do not sow pasture seed for at least 30 days after application.
Precaution: An increased quantity of poisonous plants may be eaten by stock using spray-graze eg. Caltrop, capeweed, Patterson'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 Patterson's curse.
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.
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.
Heavy stocking on young plants sprayed with 800 mL/ha provides effective control.
Apply in September only and follow other recommendations above.
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 shortly before spraying. Other legumes may be affected.
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)

### 3. SPOT SPRAYING

SITUATION & CROP	WEEDS CONTROLLED	STATE
<b>High Volume Spraying</b>	Refer Weed Table	All States
<b>Knapsack Application</b>		

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

CROP	QLD	NSW/ACT	VICTORIA	
			Early tillering	Tillered boot stage
Cereal Rye				
Wheat	1.8 L/ha	1.7 L/ha	225 mL/ha	1.4 L/ha
Barley	1.4 L/ha	1.4 L/ha	225 mL/ha	1.4 L/ha
Oats	-	800 mL/ha	225 mL/ha	800 mL/ha
Triticale	-	1.4 L/ha	225 mL/ha	-
Undersown clovers	-	-	225 mL/ha	-
Undersown medics	-	-	225 mL/ha	-
Undersown lucerne	-	-	225 mL/ha	-

**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.**

**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					
	Crop					
	Vic	NSW, ACT	SA	Qld	Tas	WA
Amaranthus spp	-	560mL – 1.1L	-	900mL	-	-
Amsinckia	-	-	-	-	1.1L	-
Apple of Peru	-	560mL – 1.1L	-	900mL	-	-
Bathurst Burr	-	800mL – 1.1L	1.7L – 2.2L	900mL	-	-

#### MIXING RATE/ CRITICAL COMMENTS

Add 1/10<sup>th</sup> of the rate on the weeds table to 150 litres of water.

Each 150 litres of mix will cover 1000 m<sup>2</sup> (1/10<sup>th</sup> ha)

eg. If rate in weed table is 1.4 L use 140 mL/150 L water.

Add 1/100<sup>th</sup> of the rate on the weeds table to 10 litres of water.

Each 10 L of mix will cover 100m<sup>2</sup> (1/100<sup>th</sup> ha).

eg. If rate in weed table is 1.4 L use 14 mL/10 L water.

SA	WA	TAS
	Tillered to Boot (Z15-35)	Tillered to Boot (Z15-35)
1.4L		
1.7 L/ha	1.7 L/ha	1.7 L/ha
1.4 L/ha	1.4 L/ha	1.4 L/ha
900 mL/ha	1.3 L/ha	-
1.4 L/ha	1.7 L/ha	800 mL/ha
-	680 mL/ha	560 mL/ha
-	Nil	560 mL/ha
-	Nil	-

Pasture	Critical Comments
-	Spray young plants.
-	Spray young plants. Susceptible when young.
-	Spray seedlings only.
800mL – 1.1L not SA	Spray seedlings only.

Weeds (cont)	Application Rate per Hectare					
	Crop					
	Vic	NSW, ACT	SA	Qld	Tas	WA
Bellvine	-	1.8L	-	1.8L	-	-
Billygoat Weed	-	3.4L	-	3.4L	-	-
Bindweed	-	-	-	-	-	1.1L
Blackberry Nightshade	-	560mL – 1.1L	-	900mL	-	-
Black Eyed Susan	-	1.8L	-	1.8L	-	-
Blue Snakeweed	-	1.8L	-	1.8L	-	-
California Burr	-	800mL – 1.1L	-	900mL	-	-
Cape Tulip	-	-	-	-	-	640mL – 1.3L
Capeweed	1.4L	-	1.7L	-	1.4L	1.1L
Caltrop	-	800mL – 1.7L	-	900mL	-	1.1L
Castor Oil Plant	-	3.4L	-	3.4L	-	-
Charlock	560mL – 800mL	560mL – 1.1L	560mL	-	1.4L	-
Clover	-	1.2L	-	-	-	-
Cobbler's Pegs	-	1.8L	-	1.8L	-	-
Common Ice Plant	-	-	1.1L	-	-	-
Common Sida	-	1.8L	-	1.8L	-	-
Common Sowthistle	-	1.8L	-	1.8L	1.4L	-
Docks	1.4L	-	1.4L	1.4L	1.4L	1.1L
Doveweed	-	-	-	-	-	1.1L
Fat Hen	-	560mL – 1.7L	-	900mL	1.4L	-
Flannel Weed	-	1.8L	-	1.8L	-	-
Flat Weed	-	-	-	-	-	1.1L
Fumitory-Red	-	-	1.7L	-	-	-
Fumitory-white	800mL	-	560mL	-	-	-
Heliotrop	-	-	-	-	-	1.1L
Hexham Scent/Melilotus	1.4L	-	1.1L	1.4L	-	-
Hoary Cress	900mL – 1.4L	1.1L – 1.7L	1.4L	1.4L	-	-
Hogweed / Wireweed	1.4L	-	-	1.4L	-	-
Horehound	-	-	1.4L	-	-	-
Indian Hedge Mustard	-	-	-	-	1.4L	1.1L
Khaki Weed	-	-	-	-	-	-
Knobweed	-	-	-	1.8 – 3.4L	-	-
Lincoln Weed	-	-	1.7L	-	-	-
London Rocket	-	-	-	-	-	1.1L
Lupins	-	800mL – 1.7L	-	-	-	1.1L
Melons – Camel, Paddy	-	560mL – 1.1L	-	-	-	-
Mexican Poppy	-	-	-	1.4L	-	-
Mintweed	-	1.1L	-	900mL	-	-
Morning Glory	-	1.8L	-	1.8L	-	-
Mustards	225 – 560mL	560mL – 1.1L	560mL – 1.4L	900mL	-	800mL
Needle Burr	-	1.8L	-	1.8L	-	-
New Zealand Spinach	-	1.1L – 1.7L	-	-	-	-

	Critical Comments	
	Pasture	
	NSW, SA, Qld, Tas only	
-	-	Spray before seeding. Advanced stages susceptible
-	-	Spray at young stage.
-	-	
-	-	
-	-	Apply at pre-flowing, preferably young stages.
-	-	Spray seedlings at young stages only.
800mL – 1.1L not SA	-	Spray seedlings only.
-	-	Low rate for cornlils only.
1.7 – 2.8L	-	Spray seedlings to rosette stage.
-	-	Moderately susceptible.
-	-	Spray at young stage.
800mL – 1.1L	-	Spray at rosette stage.
-	-	
-	-	Apply at pre-flowering, preferably young stages.
-	-	
-	-	Spray seedling or young stages only.
-	-	Apply at pre-flowering, preferably young stages.
3.2L SA only	-	Spray at multiple leaf stage – effective only on seedlings.
-	-	
-	-	Spray at pre-flowering.
-	-	Spray seedlings and young stages only
-	-	
-	-	
-	-	Spray at multiple leaf stage.
-	-	
1.1 – 1.7L	-	Spray at multiple leaf stage before seeding.
1.4 – 1.7L	-	Spray rosettes and pre-flowering.
-	-	Spray at multiple leaf stage (Vic)
-	-	Spray at seedling and young plant stage (Qld)
2.2 – 3.2L SA only	-	Spray seedlings.
-	-	
1.1 – 2.2L not SA	-	Spray seedlings only.
-	-	Lower rate for seedlings: higher rate for later stages.
-	-	Spray early rosettes.
-	-	
-	-	
-	-	Spray seedlings – plants become more resistant with age.
-	-	Spray seedlings – resistant in later stages.
-	-	Spray at seedling to flowering stage.
560mL – 1.1L	-	Spray at 2-4 leaf up to rosette stage.
-	-	Apply at pre-flowering, preferably young stages.
-	-	Spray seedlings only.

Weeds (cont)	Application Rate per Hectare					
	Crop					
	Vic	NSW, ACT	SA	Qld	Tas	WA
Noogoora Burr	-	800mL – 1.1L	-	900mL	-	-
Patterson's Curse / Salvation Jane	-	1.1L – 1.7L	-	1.4L	-	1.3L
Pinkburr (Pink Flowered Burr)	-	1.8L	-	1.8L	-	-
Potato Weed	-	560mL – 1.1L	-	900mL	-	-
Purpletop	-	3.4L	-	3.4L	-	-
Radish	-	-	-	-	-	1.1L
Ragwort	-	-	-	-	3.8L	1.1L
Rapeseed	-	800mL – 1.7L	-	-	-	-
Rapistrum	-	-	-	-	-	1.1L
Rough Poppy	-	1.1L	-	-	-	-
Safflower	-	560mL – 1.1L	-	-	-	-
Shepherd's Purse	-	1.1 – 1.7L	-	-	1.4L	-
Sirato (Purple Bean)	-	1.8L	-	1.8L	-	-
Skeleton Weed	1.4L	1.1 – 1.7L	1.4L	-	-	-
Sorrel	1.4L	1.7L	1.4L	-	-	-
Speedwell -Ivy Leaf	-	-	1.1L	-	-	-
Spinyhead Sida	-	1.8L	-	1.8L	-	-
Starburr	-	1.8L	-	1.8L	-	-
Spiny Emex	-	-	-	1.4L	-	-
Star of Bethlehem (Cupid's Flower)	-	-	-	1.8L	-	-
Stinkwort	-	800mL – 1.4L	-	-	-	-
Storkbill / Erodium	-	-	-	-	1.4L	-
Sunflower (Seedlings)	1.4L	560mL – 1.4L	-	900mL	-	-
Thistles:						
- Annual	-	-	-	-	-	1.1L
- Californian	-	-	-	-	2.7L	-
- Saffron	1.1L	560mL – 1.7L	1.4L	1.4L	950mL	1.1L
- Slender / Shore	-	800mL – 1.7L	-	-	1.4L	-
- Soldier	1.4L	-	-	-	-	-
- Spear	560mL	-	-	-	1.4L	-
- Star	-	-	-	-	-	-
- Variegated	-	560mL – 1.7L	-	900mL	1.4L	-
Thornapple	-	800mL – 1.1L	-	-	-	-
Tridax (Tridax Daisy)	-	1.8L	-	1.8L	-	-
Turnip Weed / Rapistrum	-	560mL – 1.1L	-	560mL	-	800mL
Wards Weed	-	-	1.1L	-	-	-
Wild Cabbage	1.4L	-	-	-	-	-
Wild Poppy	560mL	-	-	-	-	-
Wild Radish	1.4L	1.4-1.7L	1.4L	900mL	1.4L	800mL
Wild Turnip	225-560mL	560mL – 1.1L	320mL	-	1.4L	640mL
Vetches/Tares	1.4L	-	1.1L	-	-	-

Pasture NSW, SA, Qld, Tas only	Critical Comments
1.7 – 2.2L	Spray rosettes or before plants have 10 leaves. Later stages are harder to kill.
-	Spray seedling or young stages only.
-	Spray at young stage.
-	
-	
-	Spray up to early rosette stage (Tas only)
-	
-	
-	
800mL – 1.1L	Spray young rosettes.
-	Spray seedling or young stages only
-	Spray rosettes before aerial growth commences.
-	Only moderately susceptible.
-	
-	Spray seedling or young stages only.
-	Spray before seeding, advanced stages less susceptible.
-	Only young plants are susceptible.
-	Spray before seeding, advanced stages less susceptible.
-	
1.6-3.2L	Spray seedlings to young rosettes.
-	
-	
3.2-3.8L	Repeated applications may be necessary (NSW, Tas only).
1.1-1.7L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
1.1L	Suppression only.
1.1-1.6L not NSW, Tas	Spray young rosette.
1.1-1.6L	Spray young rosette.
1.6-3.2L SA only	Use higher rate as flower stalk appears.
1.1 – 1.7L	Spray at rosette stage.
1.6-2.4L Not SA	Spray seedlings only.
-	Spray seedling or young stages only.
560mL–1.1L	
-	
-	Spray multiple leaves.
1.1-1.7L	Spray rosettes.
800mL-1.1L	Spray up to young rosette stage.
560mL-1.1L	Spray 2-4 leaf at rosette stage.
-	Spray multiple leaf stage

**PLANT BACK PERIODS (DAYS) FOR Apparent 2,4-D 625 Amine 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 15mm.  
 ③ In Central Queensland, when using 1.6L/ha or less of Apparent 2,4-D 625 Amine 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.

**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**

Apparent 2, 4-D 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\*, Tribunil\* and Bumper\*.

\* Not a trade mark of Apparent Pty Ltd.

**RESISTANT WEEDS WARNING:**

<b>GROUP 1</b>	<b>HERBICIDE</b>
----------------	------------------

Apparent 2,4-D 625 Amine Herbicide is a member of the Phenoxy group of herbicides. Apparent 2,4-D 625 Amine Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management, Apparent 2,4-D 625 Amine Herbicide is a GROUP 1 HERBICIDE. Some naturally weed biotypes resistant to Apparent 2,4-D 625 Amine Herbicide and other GROUP 1 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 Apparent 2,4-D 625 Amine Herbicide or other GROUP 1 HERBICIDES.

Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent 2,4-D 625 Amine 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 to drift onto nearby susceptible plants/crops, cropping lands or pastures. Crops particularly susceptible include cotton, tobacco, tomatoes, flowers, vegetables, vines, fruit trees, legume crops and pastures, oilseed 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 times 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 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 chemical 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 empty containers in a local authority landfill. Empty containers and products should NOT be burnt.

**Returnable/refillable containers**

If the container is a returnable/refillable type, when empty, or contents no longer required, return the container to the point of purchase. This type of container remains the property of Apparent Pty Ltd.

**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.

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

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet (SDS) available from Apparent Pty Ltd.

**EXCLUSION OF LIABILITY**

This product as supplied is of a high grade and suitable for the purpose for which it is expressly intended and must be used in accordance with the directions. The user must monitor the performance of any product as climatic, geographical or biological variables and/or developed resistance may affect the results obtained. No responsibility is accepted in respect of this product, save for those non-excludable conditions implied by the Trade Practices Act or any State or Federal legislation.

blank page