# POISON KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# 2,4-D AMINE 625

# **Selective 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 cereal and pastures; and in cereal crops, pastures, sugar cane, peanuts and non-agricultural areas as per Directions for Use

THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.

# IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

# **4 FARMERS AUSTRALIA PTY LTD**

A.B.N. 51 160 092 428 1 / 70 MCDOWELL STREET, WELSHPOOL, WA 6106 TEL: (08) 9356 3445 www.4farmers.com.au

Batch Number:

APVMA Approval No: 62330/128261

# RESTRAINTS

**GENERAL RESTRAINTS** 

DO NOT exceed maximum application rate of 7.2 L/ha (4500 g ae/ha). DO NOT apply by hand-held spraying equipment at rates exceeding 5.3 L/ha or 530 mL/100 L.

DO NOT apply by spraying equipment carried on the back of the user (Manually pressurised backpack sprayer).

Date of Manufacture:

DO NOT apply by aircraft at rates exceeding 3.6L/ha.

DO NOT use open mixing/loading equipment if treating more than 50 hectares in one day.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of runoff for at least 3 days after application.

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

# SPRAY DRIFT RESTRAINTS

DO NOT apply by vertical sprayer.

Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift

DO NOT allow **bystanders** to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to **native vegetation**, **agricultural crops**, **landscaped gardens and aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The **buffer zones** in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

# **BOOM SPRAYERS**

DO NOT apply by a boom sprayer unless the following requirements are met:Spray droplets are not smaller than a VERY COARSE spray droplet size category

• Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed

# **Buffer Zones for Boom Sprayers**

	Boom Height		Mandatory buffer	zones (distances	s given in metres)	
Application rate (/ha)	above target canopy	Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 0.5 L (336g ae/ha)	0.5m or lower	0	0	0	0	
	1.0m or lower		30		25	
Up to 1.8L (1150g ae/ha)	0.5 m or lower		30		25	
	1.0m or lower		60		60	
Up to 3L (1875g ae/ha)	0.5 m or lower		35		35	
-	1.0m or lower		90		90	
Up to 4.4 L (2750 g ae/ha)	0.5m or lower		45		45	
-	1.0m or lower		130		130	

# AIRCRAFT

DO NOT apply by aircraft unless the following requirements are met: • Spray droplets are no smaller than a VERY COARSE **spray droplet size category** 

• For maximum release heights above the target canopy of 3 metres or 25 per cent of wingspan or 25 per cent of rotor diameter whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

# **Buffer Zones for Aircraft**

Application rate (/ha)	Aircraft Type	Mandatory buffer zones (distances given in meters)						
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas		
Up to 0.9L (560g ae/ha)	Fixed Wing	0	120	0	120	0		
	Helicopter		85		80	]		
Up to 1.5L (950g ae/ha)	Fixed Wing		170		160	]		
	Helicopter		120		120	]		

# DIRECTIONS FOR USE:

**Special Poisons** 

Advice:

13 11 26

In a Transport Emergency Dial 000 Police or Fire Brigade

	FIELD CROPS Table 1. Pre sowing: FALLOWS, STUBBLE SPRAY PRIOR TO DIRECT DRILLING OR SOWING									
CROP	TARGET WEEDS		RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS					
Winter Cereals, Grain legumes (peanuts Qld, NT only) and Canola.	Refer weed table	All states	225mL-1.7L	Observe plant back periods given in the table in this leaflet. Can be mixed with chlorsulfuron or paraquat 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.	USAGE RESTRICTIONS APPLY: See table 1: Timing restrictions for spraying peanuts and restriction table 5: Risk mitigation measures for Dryland cropping, pre- emergent uses.					

CROP		d post-en	nergence	uses					
WHEAT	WEEDS Refer to weeds table	STATE NSW, AC	<b>RAT</b>	<b>E PER HA</b> 0mL-1.7 L	Appl	CRITICAL COMMENTS			
		SA only Vic only Qld only	y 22	5mL-1.4L	Appl Appl	re swelling of the head can be felt in a tiller (NSW, SA only). y from tillering to boot stage (Vic Only). y from mid-tillering to before the boot stage (Qld only). Apply at			
BARLEY		Tas only NSW, AC	y 80	0mL-1.4L 0mL-1.4L	- 5 lea	f to fully tillered (Tas Only)			
		SA only Vic only	y 22	5mL-1.4L	-				
CEREAL RYE,		Qld only Tas only NSW, AC	y 80	0mL-1.4L 0mL-1.4L 0mL-1.4L					
TRITICALE		SA only Vic only	y	5mL-1.4L					
OATS		NSW, S only Vic only		mL-800mL mL- 800mL					
CEREALS Wheat, Oats,	Cape Tulip Dock, Flatweed,	WA only	<u> </u>	0mL-1.3L 1.1L	Appl Appl	y from the 5 leaf stage up to jointing stage (Zadoks 15-33). y after the 6 leaf stage (Z.16) for Cranbrook, Jacup, Aroona,			
Barley	Saffron Thistle				NOT Wee	Spear Wheat and Mortlock Oats to avoid possible damage. DC spray if lucerne is present. In Stage: 10-15 cm. Docks should be sprayed before the 5 leaf			
	Indian Hedge Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish			800 mL	stage Cape	e. e Tulip – low rate for cormils only.			
	Wild Turnip Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum,		20 Flow	640 mL 0 mL plus 500 mL vable Diuron 500 g/L)	and of ap	y when crop has 4-5 leaves and most weeds have germinated are in 2-5 leaf stage. Crop and weeds should be dry at time pplication. Some temporary yellowing of crop may occur after ication. Undersown sub-clovers may be slightly retarded. DO			
WHEAT, BARLEY	Wild Radish, Wild Turnip Wild Radish	NSW, AC Vic, SA o	CT, 80 nly 85	mL PLUS 0g Bayer ibunex®	NÓT Spra	apply to undersown medics. y 2-6 weeks after sowing and not later. DO NOT use on crops ersown with Lucerne.			
FALLOW	Lucerne control	All State	н	lerbicide 2.4 L/ha		pray in spring when lucerne is actively growing using a inimum spray volume of 50 L/ha.			
Commencement					<ul> <li>H cr</li> <li>Al</li> <li>Si ra</li> <li>Ai</li> <li>Maxi</li> </ul>	eavily graze lucerne during winter and early spring to reduce rown and root reserves. Ilow lucerne to regrow to 15-30 cm tall before spraying. uccessful lucerne stand reduction is more likely if >70mm of in falls in the 6-8 weeks prior to application . dd either 0.5% Uptake spray oil or a non-ionic surfactant. imum air temperature should not exceed 30°C.			
MAIZE, SWEETCORN	Refer to weeds table	NSW, AC		:0 mL-1.1 L	DO I AFTI Appl	holding periods NOT GRAZE, CUT OR CULTIVATE FOR AT LEAST 21 DAYS ER SPRAYING. y when crop is 10-20cm high and secondary roots are eloping for an over the top spray. When crop is 20cm high and			
		Qld only		mL-900 mL	just l being Appl deve	before tasselling, spray with dropped nozzles to avoid chemical g sprayed into the whorl and on upper leaves. y when crop is 10-30cm high and secondary roots have loped. Use drop nozzles and direct the spray when crop			
		Tas only	y 80	0mL-1.4 L	Appl shov	eds 30cm in height and before tasselling. Iy when crop is 15-30cm high. DO NOT spray if the crop is ving signs of stress. Some leaf twisting may occur following			
SORGHUM		NSW, AC		60 mL-1.1 L	appl Appl	ication crop recovers quickly. y preferably when crop is at 3-6 fully expanded leaf stage but by sprayed from 2-8 leaf stage. From 6 leaf stage onwards to			
		Vic, SA o			withi to av	n 2 weeks of flowering, crop can be sprayed with drop nozzles void chemical being sprayed into the whorl and on upper leaves			
	Refer to weeds table	Qld only (except central Q	ť	mL-900mL		y when crop has 4 to 8 fully expanded leaves and secondary s have developed.			
MAIZE, SWEETCORN, SACCALINE,	Cape Tulip, Dock, Indian Hedge Mustard, London Rocket,	WA only		1.1 L		y when crop is 10-30cm high and secondary roots have loped and before tasselling. Apply as a direct spray to weeds.			
BROOM MILLET, MILLET	London Rocket, Lupins, Radish, Rapistrum, Wild Turnip, Saffron Thistle								
GRAIN SORGHUM MILLET	Refer to weeds table	NSW, AC		0mL-1.1 L	doug Spra	y when crop is 12 cm high. DO NOT apply between tassel and gh stage. Avoid spraying when in flower. y when secondary roots have developed, when fully tillered and			
SUGAR CANE	Bindy Eye (Star	Vic, SA o	nlý	.8L-3.5L	befo Pano	re heads start to form at the base of the tillers. Do not use on brama Millet or Panicum. 170mL of 600g/L non-ionic surfactant/100L spray mixture.			
	Burr), Blue Top (Blue Heliotrope), Cobblers Pegs, Needle Burr, Spear Thistle,	uu oni	, .	U.U.L	Agita	ate well. DO NOT use on Q63, Q67, Q80 or Q96 varieties.			
	Convolvulus Vines, Fleabanes, Ipomoea Vines, Jute, Leucas,								
	Water Primrose Blue Snakeweed, Chinese Mint			3.5L					
SUGAR CANE (Q80, Q96 & H56	Bell vine	Qld, NSV only		0mL/100L water		ly in Spring using directed spray.			
varieties) USAGE RESTRICTIONS APPLY. SEE rastriction	Morning Glory Pink Convolvulus, Star of Bethlehem		56	60 mL-1.1 L 1.1L		ly in Summer using high clearance tractor. Iy in autumn by aircraft			
SEE restriction table 3: Timing restrictions for spraying									
SUGARCANE PEANUTS	Broadleaf weeds	Qld only	y 1	.8L-3.6L		er rate: Apply as a band spray as soon as possible after			
USAGE	except Noogoora Burr, Grasses Except Mossman Burr				plant High eme	ting in a 55 cm band. er rate: apply as overall spray after planting and before crop rgence. Some crop damage may occur if heavy rain falls			
RESTRICTIONS APPLY. SEE restriction	,				emergence. Some crop damage may occur it heavy rain fails between application and crop emergence.				
table 1: Timing restrictions for spraying peanuts.									
Harvest Aid or Salvage spray	Dessicate Broadleaf Weeds	QLD, NS only	W -	1.2-1.7 L	Appl	y after dough stage			
<ul> <li>Winter Cereals</li> <li>Maize and</li> </ul>	Refer to weeds table								
Sorghum BANANAS	To destroy Banana suckers	All state	is 16	0mL/10L water		t at the rate of 15mL per fully grown plant. 10mL per medium d plant and 5mL for small suckers.			
001/112				20L/100L	Allov	v suckers from corms of treated plants to form broad adult es, then spray. Isolated spots may require a second spray.			
COMMON STYLO forage or seed crops	Refer to weeds table	Qld only	y	800 mL	Apply post-emergence when weeds are 3 weeks old and cro least 3 weeks old.				
CARIBBEAN STYLO forage or	, I				1				
ADDI LOTODO			80	0mL-1.6L	Appl	y post-emergence when weeds are 3 weeks old.			
	ES, NON-AGRICULTUR	AL , RIGH							
Table 3. PASTUR CROP PASTURES	ES, NON-AGRICULTUR WEEDS Refer to weeds table	NS	HTS OF W STATE SW, Qld,	IAY, INDUS	TRIAI R HA	L, LAWNS CRITICAL COMMENTS Pasture legumes including lucerne, clovers and medics may			
Table 3. PASTUR CROP PASTURES And Non- Agricultural	WEEDS	NS SA,	HTS OF W STATE SW, Qld, ACT, Tas only SW, ACT	/AY, INDUS RATE PEI 560 mL-1 320 mL/1	<b>TRIAI</b> <b>R HA</b> 1.7 L	L, LAWNS 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 and			
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Up to 1.8L (1120g ae/ha)	Fixed Wing		190	180	
	Helicopter		130	130	
Up to 3.6L (2250g ae/ha)	Fixed Wing	]	325	300	
	Helicopter		200	200	

# Table 1: Timing restrictions for spraying peanuts

Situation	Rate (L/ha)	Region	Timing Restriction	
Situation	nate (L/IIa)	negion	DO NOT APPLY DURING THE MONTHS	
Broadcast spraying, prior to sowing (peanuts)	Up to 1.4 L/ha	Cape York	October and November	
		Northern Gulf	October and November	
		Northern Territory	October and November	
		Wet Tropics	No timing restrictions	
		Burdekin	October	
		Mackay/Whitsunday	September to December	
		Mary/Burnett	October to November	
		SE Queensland	August to May	
	Up to 1.7L/ha	Cape York	October and November	
	0p to 1.7 L/Ha	Northern Gulf	October and November	
			October and November	
		Northern Territory		
		Wet Tropics Burdekin	No timing restrictions October	
		Mackay/Whitsunday	August to December	
		Mary/Burnett SE Queensland	September to November	
			Use not supported	
Band spraying, post-sowing pre-emergence (peanuts)	Up to 1.8L/ha	Queensland dryland	No timing restrictions	
		Cape York	No timing restrictions	
		Northern Gulf	October and November	
		Northern Territory	October and November	
		Wet Tropics	No timing restrictions	
		Burdekin	No timing restrictions	
		Mackay/Whitsunday	No timing restrictions	
		Mary/Burnett	No timing restrictions	
		SE Queensland	October to January	
Broadcast spray, post-sowing pre-emergence (peanuts)	Up to 3.6L/ha	Queensland dryland	June to August	
		Cape York	October and November	
		Northern Gulf	October and November	
		Northern Territory	October and November	
		Wet Tropics	October to December	
		Burdekin	September and October	
		Mackay/Whitsunday	August to December	
		Mary/Burnett	April to January	
		SE Queensland	Use not supported	

DO NOT apply above maximum rate (L/ha) below Of	R label rate, whichever is LOWEST				
	State	Summer	Autumn	Winter	Spring
Pastures (prior to sowing, conservation tillage)	Queensland & NT	5.1	5.1	5.1	5.1
	New South Wales & ACT	5.1	5.1	5.1	5.1
	Victoria	0.6	1.7	5.1	1.7
	Tasmania	0.6	1.2	3.6	1.7
	South Australia	1.2	1.7	5.1	3.6
	Western Australia	1.7	3.6	5.1	3.6
	State	Summer	Autumn	Winter	Spring
	Queensland & NT	7.2	7.2	7.2	7.2
	New South Wales & ACT	7.2	7.2	7.2	7.2
Pastures (established)	Victoria	1	1.9	7.2	3.6
	Tasmania	0.7	1.7	5.1	3.2
	South Australia	1.4	3.2	7.2	5.1
	Western Australia	3.6	5.1	7.2	5.1

Rate (L/ha)	Region	Timing Restriction			
		DO NOT APPLY DURING THE MONTHS			
Up to 1.7 L/ha	Wet Tropics	No timing restriction			
	Burdekin	No timing restriction			
	Mackay/Whitsunday	October to November			
	Mary/Burnett	October to November			
	Northern NSW	No timing restriction			
Up to 3.6L/ha	Wet Tropics	October to December			
	Burdekin	September to October			
	Mackay/Whitsunday	August to December			
	Mary/Burnett	April to January			
	Northern NSW	October to November			

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST						
	State	Rate (L/ha)				
	Queensland & NT	3.2				
	New South Wales & ACT	3.2				
Turf	Victoria	2.5				
	Tasmania	2.5				
	South Australia	2.5				
	Western Australia	4.0				

Table 5: Risk mitigation measures for Dryland cropping, pre-emergent uses						
Situation	Risk mitigation measures					
Dryland cropping, Preparatory spray	Only apply in no-till farming systems (Tasmania, South Australia)					
Winter cereals, pre-emergence uses	Only apply in no-till farming systems (Tasmania, South Australia, Western Australia)					
Summer cereals, pre-emergent uses	Only apply in no-till farming systems (Tasmania, South Australia)					

ROP	WEEDS	STATE	AY, INDUSTRIAI RATE PER HA	
Pastures Rights of Way and ndustrial	Water Hyacinth	Qld only	3.5-5.3L	Apply to 2200 to 3300L Water/ha.
continued	Wild Tobacco Tree		240mL/15L Water	CUT STUMP TREATMENT: Swab cut stump within one hour of cutting. Apply by pouring can.
	Pimelea sp.	All states	800mL/ ha+wetter	Boom Spray @ 1500L/ha spray volume To be applied when plant is green. DO NOT apply more than 2 applications per year with a minimum re-treatment interval of 21 days between consecutive applications. This product can be used to create and maintain hospital areas for livestock suffering from Pimelea poisoning. Pimelea may become more palatable after herbicide application; stock should be excluded from herbicide-treated areas until sprayed Pimelea plants are leafless, seedless and obviously dead.
			55 mL per 100 L	Spot Spray. Thoroughly wet all foliage to the point of run-off. (~1500L/ha spray volume)water+wetter
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 plus 700 mL-1 L/ ha of Dicamba (200 g/L)	Apply to actively growing plants in Autumn. Do not Sow pasture seed for at least 30 days after application.
Lawns, Playing fields	Refer to weed table	Qld, NSW, ACT only	1.5mL-3mL/1L of water or 1.6- 3.2L/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).
USAGE RESTRICTIONS APPLY. SEE RESTRICTIONS table 4: Application restrictions for TURF		WA only	40mL per 10- 15L water/100 m <sup>2</sup>	
Table 4. Pastures	s – Sprav/ Graze Techniques			
Table 4. Pastures Pasture – Spray Graze Techniques USAGE	Capeweed, Paterson's Curse Paterson's Curse, preferable with young or breeding stock	d quantity of po e, Variegated Th graze stock so «.	nistle and deaths on destined for sl	nay be eaten by stock using Spray-Gaze e.g Caltrop, could result from causes such as nitrate poisoning. With laughter and avoid extended periods of grazing. Avoid grazing
Pasture – Spray Graze Techniques USAGE RESTRICTIONS APPLY. SEE restraints table 2: Application and timing restrictions for application to	PRECAUTIONS. An increase Capeweed, Paterson's Curse Paterson's Curse, preferable with young or breeding stock Do not graze horses or pigs Amsinckia, Capeweed, Docks, Doublegee, Erodium, Mustards, Paterson's Curse (Salvation Jane), Thistles, Geranium, Wild Radish, Wild Turnip Annual Thistles, Capeweed, Geranium, Mustards, Paterson's Curse (Salvation Jane), Slender Thistle, Spear	d quantity of pc p, Variegated Tr graze stock so on Paterson's ( SA only Tas, Vic only	nistle and deaths on destined for sl	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 sign of overgrazing. Then return to normal stocking levels. Use high stocking rates in following spring to prevent weeds from
Pasture – Spray Graze Techniques	PRECAUTIONS. An increase Capeweed, Paterson's Curse Paterson's Curse, preferable with young or breeding stock Do not graze horses or pigs Amsinckia, Capeweed, Docks, Doublegee, Erodium, Mustards, Paterson's Curse (Salvation Jane), Thistles, Geranium, Wild Radish, Wild Turnip Annual Thistles, Capeweed, Geranium, Mustards, Paterson's Curse (Salvation Jane), Slender Thistle, Spear Thistle, Three cornered Jack (Doublegee, Spiny Emex), Turnip, Saffron Thistle	d quantity of pc p, Variegated Tr graze stock so on Paterson's ( SA only Tas, Vic only	istle and deaths on destined for sl Curse. 560mL	could result from causes such as nitrate poisoning. With laughter and avoid extended periods of grazing. Avoid grazing 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 sign of overgrazing. 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 to 3 years
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Pasture – Spray Graze Techniques USAGE RESTRICTIONS APPLY. SEE restraints table 2: Application and timing restrictions for application to	PRECAUTIONS. An increase Capeweed, Paterson's Curse Paterson's Curse, preferable with young or breeding stoch Do not graze horses or pigs Amsinckia, Capeweed, Docks, Doublegee, Erodium, Mustards, Paterson's Curse (Salvation Jane), Thistles, Geranium, Wild Radish, Wild Turnip Annual Thistles, Capeweed, Geranium, Mustards, Paterson's Curse (Salvation Jane), Slender Thistle, Spear Thistle, Three cornered Jack (Doublegee, Spiny Emex), Turnip, Saffron Thistle Amsinckia, Docks (Seedlings only), Capeweed, Mustards, Threecornered Jack (Doublegee, Spiny Emex),Wild Radish Wild Turnip, Paterson's Curse, Annual Thistles Saffron Thistle, Spear Thistle	d quantity of pc o, Variegated Tr graze stock so SA only Tas, Vic only WA only WA only	istle and deaths on destined for si Curse. 560mL 600-800mL 1.2L 1.6L+1% oil	<ul> <li>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 sign of overgrazing. 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 to 3 years for complete control.</li> <li>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.</li> <li>Heavy stocking on young plants sprayed with 800mL/ha provides effective control.</li> </ul>
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CROP								Pastures
Weeds	Qld	NSW ACT	Vic	SA	WA	TAS	NSW,SA, QLD,Tas only	Critical Comments
Sirato (Purple Bean)	1.8L	1.8L	-	-	-	-	-	Spray seedling or young stages only.
Skeleton Weed	-	1.1-1.7L	1.4L	1.4L	-	-	-	Spray rosettes before aerial growth commences.
Sorrel	-	1.7L	1.4L	1.4L	-	-	-	Only moderately susceptible.
Speedwell (Ivy Leaf)	-	-	-	1.1 L	-	-	-	
Spinyhead Sida	1.8L	1.8L	-	-	-	-	-	Spray seedling or young stages only.
Starburr	1.8L	1.8L	-	-	-	-	-	Spray before seeding, advanced stages susceptible.
Spiny Emex	1.4L	-	-	-	-	-	-	Only young plants are susceptible.
Star of Bethlehem (Cupids Flower)	1.8L	-	-	-	-	-	-	Spray before seeding, advanced stages susceptible.
Stinkwort	-	800 mL-1.4 L	-	-	-	-	-	
Storksbill/ Erodium	-	-	-	-	-	1.4L	1.6-3.2L	Spray seedlings to young rosettes.
Sunflower (Seedlings)	900 mL	560 mL-1.4 L	1.4L	-	-	-	-	
Thistles	-	-	-	-	1.1L	-	-	
- Annual -Californian -Saffron	-	-	-	-	-	2.7L	3.2-3.87L	Repeated applications may be necessary. NSW and Tas only.
-Slender/ Shore -Soldier -Spear -Star	1.4L	560 mL-1 L	1.1L	1.4L	1.1L	950 mL	1.1-1.7L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
-Variegated	-	800 mL-1.7 L	-	-	-	1.4 L	1.1L	Suppression only.
U U	-	-	1.4L	-	-	-	1.1-1.6L Not NSW, Tas	Spray young rosette.
	-	-	560mL	-	-	1.4L	1.1-1.6L	Spray young rosette.
	-	-	-	-	-	-	1.6-3.2L SA only	Use higher rate as flower stalk appears.
	900 mL	560 mL-1.7 L	-	-	-	1.4L	1.1-1.7 L	Spray at rosette stage.
Thornapple	-	800mL-1.1 L	-	-	-	-	1.6-2.4L	Spray seedlings only.
Tridax (Tridax Daisy)	1.8L	1.8L	-	-	-	-	-	Spray seedling or young stages only.
Turnip Weed/ Rapistrum	560 mL	560 mL-1.1 L	-	-	800mL	-	560 mL –1.1 L	Spray at multiple leaf stage
Wards Weed	-	-	-	1.1 L	-	-	-	
Wild Cabbage	-	-	1.4L	-	-	-	-	Spray multiple leaves
Wild Poppy	-	-	560 mL	-	-	-	1.1-1.7L	Spray rosettes
Wild Radish	900 mL	1.4-1.7L	1.4L	1.4 L	800mL	1.4 L	800 mL-1.1 L	Spray up to young rosette stage.
Wild Turnip (cournefortti)	-	560 mL-1.	225 mL	320 mL	640 mL	1.4 L	560 mL-1.1 L	Spray 2-4 leaf up to rosette stage.

# PLANT BACK INTERVAL DAYS:

**APPLICATION RATE PER HECTARE** 

CROP/Rates	Up to 350 g ae/ha	Up to 720 g ae/ha	Up to 1060 g ae/ha 10	
Balansa Clover	7	7		
Barley%	1	1	3	
Chickpeas#	7	14	21	
Cotton	10	14	21	
Faba Beans	7	7	10	
Field Peas	7	14	14	
Lentils	7	7	10	
Linseed	7	7	14	
Lucerne	7	7	10	
Lupins+	7	14	21	
Medic	7	7	10	
Narbon beans	7	7	10	
Navybean	10	10	14	
Oats	3	3	7	
Perennial Ryegrass	7	7	10	
Persian Clover	7	7	10	
Phalaris	7	7	10	
Canola / Rapeseed #	14	21	28	
Rice	7	7	14	
Safflower#	7	14	21	
Sorghum@	3	7	10	
Soybean	14	14	21	
Sub-clover	7	7	10	
Sunflower@	7	10	14	
Triticale %	1	3	7	
Vetch	7	7	10	
Wheat%	1	3	7	
White clover	7	7	10	

# WEED TABLE

NOTE: Where weeds are to be sprayed in a crop or pasture, use only the rates given for the particular crop in 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. Use at these rates in a crop or pasture, other than 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

CROP Pastures									
Weeds	Qld	NSW ACT	Vic	SA	WA	TAS	NSW,SA, QLD,Tas only	Critical Comments	
Amaranthus spp Amsinckia	900 mL	560mL -1.1 L	-	-	- 1.1L	-	-	Spray young plants.	
Apple of Peru	900 mL	560 mL-1.1 L	-	-	-	-	-	Spray young plants.	
Bathurst Burr	900 mL	800mL-1.1 L	-	1.7-2.2L	-	-	800 mL-1.1 L	Susceptible when young Spray seedlings only. Spray seedlings only.	
Bellvine	1.8L	1.8L	-	-	-	-	Not -	Spray before seeding. Advanced stages	
Billygoat Weed	3.4L	3.4L	-	-	-	-	-	susceptible Spray at young stage	
Bindweed Blackberry	- 900mL	- 560 mL-1.1 L	-	-	1.1 L -	-	-		
Nightshade Black Eyed	1.8L	1.8L	-	-	-	-	-	Apply at pre-flowering,	
Susan Blue Snakeweed	1.8L	1.8L	-	-	-	-	-	Preferably young stages. Spray seedlings at young	
California Burr	900 mL	800 mL- 1.1 L	-	-	-	-	800 mL-1.1 L	stages only. Spray seedlings only	
Cape Tulip	-	-	-	-	640mL-1.3L	-	not SA -	Low rate for cormils only	
Capeweed	-	-	1.7L	1.7 L	1.1 L	1.4L	1.7-2.8L	Spray seedlings to rosette stage.	
Caltrop Castor Oil Plant	900mL 3.4L	800mL-1.7L 3.4L	-	-	1.1 L	-	-	Moderately Susceptible Spray at young stage.	
Charlock	-	560 mL-1.1L	- 560mL-800mL	- 560 mL	-	- 1.4L	- 800 mL-1.1 L	Spray at young stage. Spray at rosette stage.	
Clover	-	1.2L	-	-	-	-	-		
Cobblers Pegs	1.8L	1.8L	-	-	-	-	-	Apply at pre-flowering, Preferably young stages.	
Common Ice Plant	-	-	-	1.1 L	-	-	-	Spray cooding or your	
Common Sida	1.8L	1.8L 1.8L	-	-	-	- 1.4L	-	Spray seedling or young stages only. Apply at pre-flowering,	
Sowthistle		1.0L		ļ				preferably young stages.	
Docks	1.4L	-	1.4L	1.4L	1.1L	1.4L	3.2L SA only	Spray at multiple leaf stage – effective only on seedlings.	
Doveweed Fat Hen	- 900 mL	- 560mL-1.7 L	-	-	1.1 L	- 1.4L	-	Spray at pre-flowering.	
Flannel Weed	1.8L	1.8L	-	-	-	-	-	Spray seedlings or young stages only	
-lat weed	-	-	-	-	1.1 L	-	-		
Eumitory-white	-	-	800mL	560mL	-	-	-	Spray at multiple leaf stage.	
Heliotrope Hexham Scent (King Island Melilot)	- 1.4L	-	- 1.4L	- 1.1 L	1.1L -	-	- 1.1-1.7L	Spray at multiple leaf stage Before seeding.	
Hoary Cress	1.4L	1.1-1.7 L	900 mL-1.4 L	1.4L	-	-	1.4-1.7L	Spray rosettes and pre- flowering.	
Hogweed/ Wireweed	1.4L	-	1.4L	-	-	-	-	Spray at seedling and young plant stage QLD).	
Horehound	-	-	-	1.4L	-	-	2.2-3.2L	Spray at multiple leaf stage (Vic). Spray seedlings.	
Indian Hedge	-	-	-	-	1.1 L	1.4L	SA only		
Mustard Khaki Weed*	-	-	-	-	-	-	1.1-2.2L	Spray seedlings only.	
Knobweed	1.8-3.4L	-	-	-	-	-	Not SA -	Lower rate for seedlings,	
Lincoln Weed	-		-	1.7 L	-	-	-	higher rate for later stages Spray early rosettes.	
London Rocket	-	-	-	-	1.1 L	-	-		
Lupins Velons – Camel,	-	800 mL-1.7 L 560 mL-1.1 L	-	-	1.1 L -	-	-		
Paddy Mexican Poppy	1.4L	-	-	-	-	-	-	Spray seedlings – plants become more resistant	
Mintweed	900mL	1.1L	-	-	-	-	-	with age. Spray seedlings – resistan	
Norning Glory	1.8L	1.8L	-	-	-	-	-	n later stages. Spray at seedling to	
Mustards	900mL	560 mL-1.	225 mL	560mL-1L	800 mL	-	560 mL-1 L	flowering stage Spray at 2-4 leaf up to	
Needle Burr	1.8L	1.8L	-	-	-	-	-	rosette stage. Apply at pre flowering,	
New Zealand	-	1.1-	-	-	-	-	-	preferably young stages.	
Spinach Noogoora Burr	900 mL	1.7L 800mL-1L	-	-		-	800 mL-1.1 L Not	Spray seedlings only.	
Pattersons Curse (Salvation Jane)	1.4L	1.1-1.7 L	-	-	1.3L	-	1.7-2.2L	Spray rosettes or before plants have 10 leaves. Later stages are harder to kill	
Pinkburr	1.8L	1.8L	-	-	-	-	-	to kill. Spray seedling or young stages only.	
(Pink Flowered Burr)									
Potato Weed Purpletop	900 mL 3.4 L	560 mL-1.1 L 3.4 L	-	-	-	-	-	Spray at young stage.	
Radish Ragwort	-	-	-	-	1.1 L 1.1 L	- 3.8L	-	Spray up to early rosette	
Rapeseed	-	800 mL-1.7L	-	-	-	-	-	stage (Tas only)	
Rapistrum Rough Poppy	-	- 1.1 L	-	-	1.1 L -	-	-		
Safflower	-	560 mL-1.1 L	-	-	-	-	-	Computer	
Shepherds Purse	-	1.1-1.7L	-	-	-	1.4L	800 mL-1.1 L	Spray young rosettes.	

white clove 10

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

% In Queensland, no rainfall is required to fall prior to commencement of Plant Back Perio d for Wheat, Barley and Triticale.

- # In Queensland, planting of Canola/ Rapeseed, Chickpeas and Safflower must be delayed for at least 14 days following rainfall of at least 15m m.
- In Central Queensland, when using 500 g ae/ha or less of farmers 2,4-d Amine 625 Herbicide,, the Plant Back Period for Sorghum and Sunflower 0 is 1 day irrespective of rainfall.
- In WA the Plant Back Period for Lupins at all rates is 28 days.

# **OTHER LIMITATIONS**

**IMPORTANT:** 

NOT CLASSIFIED AS DANGEROUS GOODS FOR TRANSPORT BY ROAD AND RAIL.

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

#### WITHHOLDING PERIODS

PASTURE, CEREAL CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION FALLOW: DO NOT GRAZE, CUT OR CULTIVATE FOR AT LEAST 21 DAYS AFTER SPRAYING. CROP HARVEST WITHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

# **GENERAL INSTRUCTIONS**

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

# **Application Information**

BOOM SPRAYING Use 30 -120L/ha of water. AERIAL SPRAYING Use 10 - 90L/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 with hot soapy water or 1% solution of ammonia, followed by several clear water rinses.

# COMPATIBILITY

The product may be mixed with Dicamba, Flowable Diuron, Chlorsulfuron, Paraquat 250, ProponTM, Atrazine, Spray-Seed®, Picloram and Tribunex®.

# **RESISTANT WEEDS WARNING**

# **GROUP I HERBICIDE**

4Farmers 2, 4-D Amine 625 Herbicide is a member of the Phenoxy group of herbicides. 4Farmers 2, 4-D Amine 625 Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management, 4Farmers 2, 4-D Amine 625 Herbicide is a group I herbicide. Some naturally occurring weed biotypes resistant to 4Farmers 2, 4-

D Amine 625 Herbicide and other Group I herbicides may exist through normal genetic variability in any weed population. These resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by 4Farmers 2, 4-D Amine 625 Herbicide or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, 4 Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of 4Farmers 2, 4-D Amine 625 Herbicide to control resistant weeds.

## **RE-ENTRY PERIOD**

#### DO NOT hand harvest sugar cane for at least 1 day after application.

If re-entering treated areas before the spray has dried, workers should wear overalls, elbow-length gloves and water-resistant footwear. Clothing Should be laundered after each days use

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

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 and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

## STORAGE AND DISPOSAL:

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

#### Refillable containers 110L, 1000L

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

#### 20L plastic containers

Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical 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 program site. The cap should not be replaced, but may be taken separately.

#### SAFETY DIRECTIONS

Poisonous if absorbed by skin contact, inhaled or swallowed. Corrosive to the eyes and skin. Will irritate the nose and throat. Avoid contact with the eyes and skin. Do not inhale vapour or spray mist

When opening the container and preparing spray or using undiluted concentrate, wear chemical resistant waterproof clothing over a layer of normal clothing and a washable hat, elbow-length chemical resistant gloves, impervious footwear and full facepiece respirator with organic vapour/gas cartridge or canister.

If applying by boomspray equipment with enclosed operator's cab and air filtration or aerial spraying equipment, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves.

If applying by boomspray equipment with open operator's cab or hand-held spray equipment wear chemical resistant waterproof clothing over a layer of normal clothing and a washable hat, elbow-length chemical resistant gloves and full facepiece respirator with organic vapour/gas cartridge or canister.

If clothing becomes contaminated with product remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eves, wash it out immediately with 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, respirator and if rubber wash with detergent and warm water, face shield or goggles and contaminated clothing.

## **FIRST AID INSTRUCTIONS**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

#### SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

# **CONDITION OF SALE**

"4 Farmers Australia Pty Ltd ('4Farmers') shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on 4Farmer's skill or judgment in purchasing or using the same and every person dealing with the product does at his own risk absolutely. No representative of 4Farmers has any authority to add to or alter these conditions".