

POISON

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

***Agro-Essence* 2,4-D 625SL**

ACTIVE CONSTITUTENT: 625 g/L 2,4-D

Present as the Dimethylamine and Diethanolamine Salts

GROUP



HERBICIDE

This is a PHENOXY HERBICIDE that can cause severe damage to susceptible crops such as cotton, grapes, tomatoes, oilseed crops and ornaments.

For the control broadleaf weeds in fallow before direct drilling of sowing cereals and pastures; and in cereals crops ,pastures, sugar cane, peanuts and non-agricultures areas as per the directions For Use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.



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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 CORPS

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Wheat	Refer to weeds table	NSW, ACT, SA only	320mL - 1.7L	Apply after the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller (NSW, SA only). Apply from tillering to boot stage (Vic only). Apply from mid tillering to before the boot stage (Qld only). Apply at 5 leaf to fully tillered (TAS only).
		VIC only	225mL - 1.4L	
		Qld only	560mL - 1.4L	
		TAS only	800mL - 1.4L	
Barley		NSW, ACT, SA only	320mL - 1.4L	
		VIC only	225mL - 1.4L	
		Qld only	560mL - 1.4L	
		TAS only	800mL - 1.4L	
Cereal Rye, Triticale		NSW, ACT, SA only	320mL - 1.4L	
		VIC only	225mL - 1.4L	
Oats		NSW, SA only	320mL - 800mL	
		VIC only	225mL - 800mL	
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only	640mL - 1.3L	Apply from the 5 leaf stage up to jointing stage (Zadoks 15-33). Apply after the 6 leaf stage (Z.16) for Cranbrook, Jacup, Arrona 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 the 5 leaf stage. Cape Tulip - low rate for cornls only.
	Dock, Flatweed, Saffron Thistle		1.1L	
	Indian Hedge, Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish		800mL	
	Wild Turnip		640mL	

Cont.

Cereals: Wheat, Oats, Barley	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip	WA	200mL plus 500mL flowable diuron (500g/L)	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	80mL plus 850g Tribunex® Herbicide	Spray 2-6 weeks after sowing and not later. DO NOT use on crops undersown with lucerne.
Fallow, Stubble: Spray prior to Direct Drilling or sowing a) Winter Cereals b) Winter Cereals, Maize, Sweetcorn, Peanuts	Refer to weeds table	Vic only	225mL - 1.4L	Observe plant back periods given in the table on this leaflet. Can be tank-mixed with Chlorsulfuron, Paraquat 250, or Spray.Seed® where grasses are present. Select an appropriate rate from the weed table. For SkeletonWeed, spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.
		NSW, ACT only	560mL - 1.7L	
		Qld only	560mL - 1.7L	
Maize, Sweetcorn		NSW, ACT, SA only	560mL - 1.1L	Apply when crop is 10-20cm high and secondary roots are developing for an over the top spray. When crop is between 20cm high and just before tasselling, spray with dropped nozzles to avoid chemical being sprayed into the whorl and on upper leaves.
		Qld only	560mL - 900mL	Apply when crop is 10-30cm high and secondary roots have developed. Use drop nozzles and direct the spray when crop exceeds 30cm in height and before tasselling.
		TAS only	800mL - 1.4L	Apply when crop is 15-30cm high. DO NOT spray if the crop is showing signs of stress. Some leaf twisting may occur following application crop recovers quickly.
Sorghum		NSW, ACT, Vic, SA only	560mL - 1.1L	Apply preferably when crop is at 3-6 fully expanded leaf stage but can be sprayed from 2-8 leaf stage. From 6 leaf stage onwards to within 2 weeks of flowering, crop can be sprayed with dropped nozzles to avoid chemical being sprayed into the whorl and on upper leaves.

Cont.

Sorghum	Refer to weeds table	Qld only (except central Qld)	560mL – 900mL	Apply when crop has 4-8 fully expanded leaves and secondary roots have been developed.
Maize, Sweetcorn, Saccaline, Broom Millet, Millet	Cape Tulip, Dock, Indian Hedge Mustard, London Rocket, Lupins, Radish, Rapistrum, Wild Turnip, Saffron Thistle	WA only	1.1L	Spray when crop is 10-30cm high and secondary roots have developed and before tasselling. Apply as a directed spray to weeds.
Grain Sorghum				Apply when crop is 12cm high. DO NOT apply between tassel and dough stage. Avoid spraying when in flower.
Millet	Refer to weeds table	NSW, SA, ACT, Vic only	560mL – 1.1L/ ha	Apply 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	560mL – 900mL/ha	
Sugar Cane (Q80, Q96 and H56 varieties)	Bellvine	Qld, NSW only	280mL/100L water	Apply in Spring using directed spray.
	Morning Glory		560mL – 1.1L	Apply in Summer using high clearance tractor.
	Pink Convolvulus Star of Bethlehem		1.1L	Apply in Autumn by aircraft or misters.
Sugar Cane	Bindy Eye (Star Burr), Blue Top (Clue Heliotrope), Cobblers Pegs, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus	Qld only	1.8L – 3.5L	Add 170mL 600g/L non-ionic surfactant/100L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 varieties.
	Chinese Mint, Blue Snakeweed		3.5L	
Peanuts	Broadleaf weeds except Noogoora Burr; Grasses, except Mossman Burr	Qld only	1.8L – 3.6L	LOWER RATE: Apply as a 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.

Cont.

Harvest Aid or Salvage Spray - Winter cereals - Maize and sorghum	Desiccate Broadleaf Weeds	Qld, NSW only	1.2L – 1.7L/ha	Apply after dough stage.
	Refer to weeds table			
Bananas	To destroy Banana suckers	Qld only	160mL / 10L water	Inject at the rate of 15mL per fully grown plant. 10mL per medium sized plant and 5mL for small suckers.
			320mL / 100L water	Allow suckers from corms of treated plants to form broad adult leaves, then spray. Isolated spots may require a second spray.
Common Stylo forage or seed crops	Refer to weeds table		800mL	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.
Carribean Stylo forage or seed crops			800mL – 1.6L	

2. PATURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS

CROP	WEEDS	STATE	RATE per ha	CRITICAL CMMMENTS
Pastures and Non-Agricultural	Refer to weeds table	NSW, Qld, SA, ACT, TAS only	560mL – 1.7L	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
	Galvanised Burr	NSW, ACT only	320mL/100L water	Apply to young actively growing weeds. Ensure thorough and even coverage of plants. Note: Treated plants need to be burnt to destroy seeds.
Pastures and Non-Agricultural	Amsinckia, Docks, Bindweed, Caltrop, Flatweed, Spear Thistle, Capeweed, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson' s Curse, Heliotrope, Ragwort, Threecomered Jack (Doublegee, Spiny Emex)	WA only	1.1L – 2.4L	For pastures not containing legumes. Only seedling Docks, Spear Thistle and Saffron Thistle will be controlled. SUMMER WEEDS: Use low rate for seedlings, 1.6L – 2.4L/ha for larger plants. Stock poisoning may occur when grazed after spraying if large amounts present, particularly Heliotrope. WINTER WEEDS: Use low rate for seedlings, 1.6L – 2.4L/ha for large plants. If stock present, use spray/grazing rates.

Cont.

Pastures and Non-Agricultural	Afghan Melons	WA only	1.6L/ha plus 1% Crop Oil	Spray when plants are actively growing preferably before flowering or vining.
	Paddy Melons		800mL – 1.1L/ha	
	Prickly Saltwort (Roly Poly)		1.6L/ha	Spray when plants are small.
	Stinkwort		1.6L – 3.2L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
	Dove Weed		3.2L/ha	Spray after good emergence of seedlings.
Pastures, Rights of Way and Industrial	Boxthorn, Boneseed, Hawthorn	Vic, SA only	80mL/10L water	Spot spraying. For boneseed only, thoroughly wet plants or seedlings.
			Undiluted	Apply as an undiluted spray to freshly cut stumps.
	Groundsel	NSW, Qld, ACT, SA only	950mL/15L water	MISTING: Lightly wet plants.
			320mL/100L water	HIGH VOLUME: Thoroughly wet plants.
		Tas only	240mL/15L water	CUT STUMP: Swab the cut stump immediately. Apply by a pouring can or knapsack spray.
		QLD, NSW, ACT, SA, Tas only	2.9 – 4.4L/ha	AERIAL APPLICATION: Spray when Groundsel is actively growing.
	Lantana	NSW, Qld, ACT, SA only	320mL/100L water	Use a coarse spray with sufficient pressure to penetrate canopy and wet stems as well as foliage. Spray at the end of a wet summer (March to May). Defoliation should occur but respraying of new growth will be necessary in following Autumn, Broadcast grass seed and keep stock off following Summer to allow the pasture to establish. Damage may result to pasture legumes.
	Mother of Millions	NSW only	400mL/100L water	Hand gun and knapsack only. A thorough coverage of leaves and plantlets is necessary. Use 1000g/L non-ionic surfactant at the rate of 1mL of surfactant per 1L of mixture.

Cont.

Pastures, Rights of Way and Industrial (continued)	Noogoora Burr, Weir Vine (Ipomea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	Qld only	160mL/100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. * Spray rosette stage. † Repeat spraying if necessary
	Annual & Perennial Pigweed, Artichoke Thistle, Bathurst Burr, Billgoat Weed, Blue Snake Weed, Burr Medic, Cockweed *, Fleabanes, Galvanised Burr, Hemlock, Hoary Cress†, Kyalinga Weed (Whisker Grass), Knobweed, Milky Cotton Bushes, Parthenium Weed, Patersons Curse, Saffron Thistle, Star Burr, Thornapple, Variagated Thistle*		320mL/100L water	
	Rubber Vine	Qld only	160mL/10L	Apply to freshly cut stump
	Sesbania Pea		560mL - 900mL/ha	
	Water Hyacinth		3.5L - 5.3L/ha	Apply to 2200 to 3300L water/ha.
	Wild Tobacco Tree		240mL / 15L water	Cut Stump Treatment: Swab cut stump within 1 hour of cutting. Apply by pouring can or knapsack sprayer.
Conservation Tillage - Direct Drilling, Surface Sowing or Fallow Maintenance	Charlock, Mustards, Shepherd's Purse, Saffron, Slender, Spear and Variegated Thistles*, Turnip Weed, Wild Radish, Wild Turnip	All States	560mL - 1.6L/ha	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.

Cont.

Same as above	Clover, Sorrel	All States	1.1L plus 700mL -1L/ ha of Dicamba (200g/L)	Apply to actively growing plants in Autumn. DO NOT sow pasture seed for at least 30 days after application.
Pasture -Spray Graze Techniques				*PRECAUTIONS. An increased quantity of poisonous plants may be eaten by stock using Spray-Gaze e.g. Caltrop, Capeweed, Paterson' s Curse, Variegated Thistle and dead 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	560mL/ha	Apply from 6 weeks after opening rains in Autumn until the end of August. Seven days after spraying, stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pasture shows 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 2-3 years for complete control.
	Annual Thistles, Capeweed, Doublegee, Mustards, Patterson' s Curse, Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	TAS, Vic only		
	Amsinckia, Docks (seedlings only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson' s Curse, Annual Thistles	WA only	600 -800mL	
	Spear Thistle, Saffron Thistle		1.2L/ha	Apply to Saffron Thistle at the end of September when plants are running up to flower. Sub-clovers may be damaged at this rate and use is not recommended for all medic pastures.

Cont.

Pasture –Spray Graze Techniques (Continued)	Melons	WA only	1.6L plus 1% oil	Heavy stocking on young plants sprayed with 800mL/ha provides effective control.
	Docks	Vic only	1.1L/ha	Apply in September only and follow other recommendations as above.
	Caltrop, Capeweed, Charlock, Mustards, Patterson' s Curse, Shepherd' sPurse, Saffron, Slender, Spear or Variegated Thistle*, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT only	280mL – 1.1L/ ha	Spray actively growing 6-8 week old weeds. Introduce stock 7-10 days after spraying, preferably sheep (cattle are less effective). Stocking rate should be at least 5 times heavier than normal until weeds have been reduced, but before survival of desirable pasture species is threatened. Lucerne and Medics may be damaged and should be grazed short before spraying. Other legumes may be affected.
Lawns, Playing Fields	Refer Weed Table	Qld, NSW only	1.5 – 3mL/1L 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).
		WA only	40mL per 10-15L water / 100m2	

3. Spot spraying

SITUATION	WEEDS CONTROLLED	STATE	MIXING RATES / COMMENTS
High Volume Spraying	Refer to Weed Table	All States	Add 1/10th of rate on weed table to 150L of water. Each 150L of mix will cover 1000m2 (1/10th ha). E.g. If rate in weed table is 1.4L use 140mL/150L of water.
Knapsack Application	Refer to Weed Table	All States	Add 1/100th of rate on weed table to 10L of water. Each 10L of mix will cover 100m2 (1/100th ha). E.g. If rate in weed table is 1.4L use 14mL/10L of water.

MAXIMUM TOLERANCE FOR USE IN WHEAT, BARLEY, OATS AND TRITICALE INCLUDING TOLERANCE FOR UNDERSOWN LEGUMES							
CROP	QLD	NSW, ACT	VIC	VIC	SA	WA	TAS
			Early Tillering	Tillered Boot Stage		Tillered to Boot (Z15-35)	Tillered to Boot (Z15-35)
Cereal Rye					1.4L/ha		
Wheat	1.8L/ha	1.7L/ha	225mL/ha	1.4L/ha	1.7L/ha	1.7L/ha	1.7L/ha

Cont.

Barley	1.4L/ha	1.4L/ha	225mL/ha	1.4L/ha	1.4L/ha	1.4L/ha	1.4L/ha
Oats	-	800mL/ha	225mL/ha	800mL/ha	900mL/ha	1.3L/ha	-
Triticale	-	1.4L/ha	225mL/ha	-	1.4L/ha	1.7L/ha	800mL/ha
Undersown Clovers	-	-	225mL/ha	-	-	680mL/ha	560mL/ha
Undersown Medics	-	-	225mL/ha	-	-	NIL	560mL/ha
Undersown Lucerne	-	-	225mL/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 AND 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 PESTICIDE

WEED TABLE:

NOTE: Where weeds are to be sprayed in CROP or PASTURE, use only the rates given for the 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 for spot spraying may cause damage. This product should only be used in those stages where a rate or range of rates is indicated for the particular weeds listed.

Weeds	Application Rate per Hectare							Critical Comments
	Crop						pasture	
	Vic	NSW, ACT	SA	Qld	Tas	WA	NSW, SA, Qld, Tas only	
Amaranthus spp	-	560mL 1.1L	-	900mL	-	-	-	Spray young plants.
Amsinckia	-	-	-	-	1.1L	-	-	
Apple of Peru	-	560mL 1.1L	-	900mL	-	-	-	Spray young plants. Susceptible when young.
Bathurst Burr	-	800mL 1.1L	1.7L - 2.2L	900mL	-	-	800mL - 1.1L not SA	Spray seedlings only.
Bellvine	-	1.8L	-	1.8L	-	-	-	Spray before seeding. Advanced stages susceptible
Billygoat Weed	-	3.4L	-	3.4L	-	-	-	Spray at young stage.
Bindweed	-	-	-	-	-	1.1L		
Blackberry Nightshade	-	560mL 1.1L	-	900mL	-	-	-	

Cont.

Black Eyed Susan	-	1.8L	-	1.8L	-	-	-	Apply at pre-flowing, preferably young stages.
Blue Snakeweed	-	1.8L	-	1.8L	-	-		Spray seedlings at young stages only.
California Burr	-	800mL 1.1L	-	900mL	-	-	800mL - 1.1L not SA	Spray seedlings only.
Canola / Rapeseed	-	800mL 1.7L	-	-	-	-	-	
Cape Tulip	-	-	-	-	-	640mL - 1.3L	-	Low rate for cormils only*.
Capeweed	1.7L	-	1.7L	-	1.4L	1.1L	1.7 - 2.8L	Spray seedlings to rosette stage.
Caltrop	-	800mL 1.7L	-	900mL	-	1.1L	-	Moderately susceptible.
Castor Oil Plant	-	3.4L	-	3.4L	-	-	-	Spray at young stage.
Charlock	560mL 800mL	560mL 1.1L	560mL	-	1.4L	-	800mL - 1.1L	Spray at rosette stage.
Clover	-	1.2L	-	-	-	-	-	
Cobbler' s Pegs	-	1.8L	-	1.8L	-	-	-	Apply at pre-flowering, preferably young stages.
Common Ice Plant	-	-	1.1L	-	-	-	-	
Common Sida	-	1.8L	-	1.8L	-	-		Spray seedling or young stages only.
Common Sowthistle	-	1.8L	-	1.8L	1.4L	-	-	Apply at pre-flowering, preferably young stages.
Docks	1.4L	-	1.4L	1.4L	1.4L	1.1L	3.2L SA only	Spray at multiple leaf stage -effective only on seedlings.
Doveweed	-	-	-	-	-	1.1L		
Fat Hen	-	560mL 1.7L	-	900mL	1.4L	-	-	Spray at pre-flowering.
Flannel Weed	-	1.8L	-	1.8L	-	-	-	Spray on seedlings or young stages only.
Flat Weed	-	-	-	-	-	1.1L	-	
Fumitory-white	800mL	-	560mL	-	-	-	-	Spray at multiple leaf stage.
Heliotrop	-	-	-	-	-	1.1L		

Cont.

Hexham Scent (King Island Melioliot)	1.4L	-	1.1L	1.4L	-	-	1.1 – 1.7L	Spray at multiple leaf stage before seeding.
Hoary Cress	900mL – 1.4L	1.1L – 1.7L	1.4L	1.4L	-	-	1.4 – 1.7L	Spray rosettes and pre-flowering.
Hogweed / Wireweed	1.4L	-	-	1.4L	-	-	-	Spray at multiple leaf stage (Vic) Spray at seedling and young plant stage (Qld)
Horehound	-	-	1.4L	-	-	-	2.2 – 3.2L SA	Spray seedlings.
Indian Hedge Mustard	-	-	-	-	1.4L	1.1L	-	
Khaki Weed	-	-	-	-	-	-	1.1 – 2.2L not SA	Spray seedlings only.
Knobweed	-	-	-	1.8 – 3.4L	-	-	-	Lower rate for seedlings: higher rate for later stages.
Lincoln Weed	-	-	1.7L	-	-	-	-	Spray early rosettes.
London Rocket	-	-	-	-	-	1.1L	-	
Lupins	-	800mL – 1.7L	-	-	-	1.1L	-	
Melons – Camel, Paddy	-	560mL – 1.1L	-	-	-	-	-	
Mexican Poppy	-	-	-	1.4L	-	-	-	Spray seedlings – plants become more resistant with age.
Mintweed	-	1.1L	-	900mL	-	-	-	Spray seedlings – resistant in later stages.
Morning Glory	-	1.8L	-	1.8L	-	-	-	Spray at seedling to flowering stage.
Mustards	225 – 560mL	560mL – 1.1L	560mL – 1.4L	900mL	-	800mL	560mL – 1.1L	Spray at 2-4 leaf up to rosette stage.
Needle Burr	-	1.8L	-	1.8L	-	-	-	Apply at pre-flowering, preferably young stages.

Cont.

New Zealand Spinach	-	1.1L – 1.7L	-	-	-	-	-	
Noogoora Burr	-	800mL – 1.1L	-	900mL	-	-	800mL – 1.1L not SA	Spray seedlings only.
Patterson' s Curse	-	1.1L – 1.7L	-	1.4L	-	1.3L	1.7 – 2.2L	Spray rosettes or before plants have 10 leaves. Later stages are harder to kill.
Pinkburr (Pink Flowered Burr)	-	1.8L	-	1.8L	-	-	-	Spray seedling or young stages only.
Potato Weed	-	560mL – 1.1L	-	900mL	-	-	-	
Purpletop	-	3.4L	-	3.4L	-	-	-	Spray at young stage.
Radish	-	-	-	-	-	1.1L	-	
Ragwort	-	-	-	-	3.8L	1.1L	-	Spray up to early rosette stage (Tas only)
Rapistrum	-	-	-	-	-	1.1L	-	
Rough Poppy	-	1.1L	-	-	-	-	-	
Safflower	-	560mL – 1.1L	-	-	-	-	-	
Shepherd' s Purse	-	1.1 – 1.7L	-	-	1.4L	-	800mL – 1.1L	Spray young rosettes.
Sirato (Purple Bean)	-	1.8L	-	1.8L	-	-	-	Spray seedling or young stages only
Skeleton Weed	1.4L	1.1 – 1.7L	1.4L	-	-	-	-	Spray rosettes before aerial growth commences.
Sorrel	1.4L	1.7L	1.4L	-	-	-	-	Only moderately susceptible.
Speedwell -Ivy Leaf	-	-	1.1L	-	-	-	-	
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 (Cupid' s Flower)	-	-	-	1.8L	-	-	-	Spray before seeding, advanced stages susceptible.

Cont.

Stinkwort	-	800mL 1.4L	-	-	-	-	-		
Storkbill / Erodium	-	-	-	-	1.4L	-	1.6-3.2L	Spray seedlings to young rosettes.	
Sunflower (Seedlings)	1.4L	560mL 1.4L	-	-	900mL	-	-		
Thistles:- Annual	-	-	-	-	-	1.1L	-		
- Californian	-	-	-	-	2.7L	-	3.2-3.8L	Repeated applications may be necessary (NSW, Tas only).	
- Saffron	1.1L	560mL 1.7L	-	1.4L	1.4L	950mL	1.1L	1.1-1.7L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
- Slender / Shore	-	800mL 1.7L	-	-	-	1.4L	-	1.1L	Suppression only.
- Soldier	1.4L	-	-	-	-	-	-	1.1-1.6L not NSW, Tas	Spray young rosette.
- Spear	560mL	-	-	-	-	1.4L	-	1.1-1.6L	Spray young rosette.
- Star	-	-	-	-	-	-	-	1.6-3.2L SA only	Use higher rate as flower stalk appears.
- Variegated	-	560mL 1.7L	-	-	900mL	1.4L	-	1.1 - 1.7L	Spray at rosette stage.
Thornapple	-	800mL 1.1L	-	-	-	-	-	1.6-2.4L Not SA	Spray seedlings only.
Tridax (Tridax Daisy)	-	1.8L	-	-	1.8L	-	-	-	Spray seedling or young stages only.
Turnip Weed / Rapistrum	-	560mL 1.1L	-	-	560mL	-	800mL	560mL -1.1L	
Wards Weed	-	-	1.1L	-	-	-	-	-	
Wild Cabbage	1.4L	-	-	-	-	-	-	-	Spray multiple leaves.
Wild Poppy	560mL	-	-	-	-	-	-	1.1-1.7L	Spray rosettes.
Wild Radish	1.4L	1.4-1.7L	1.4L	900mL	1.4L	800mL	800mL-1.1L		Spray up to young rosette stage.
Wild Turnip	225- 560mL	560mL 1.1L	-	320mL	-	1.4L	640mL	560mL-1.1L	Spray 2-4 leaf up to rosette stage.

Cont.

PLANT BACK DAYS FOR 2,4-D 625 SELECTIVE HERBICIDE

CROP	RATES		
	Up to 560mL/ha	560mL - 1.1L/ha	1.1 - 1.7L/ha
Balansa Clover	7	7	10
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
Medics	7	7	10
Narbon Beans	7	7	10
Navy Beans	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

IMPORTANT: WHEN APPLIED TO DRY SOILS AT LEAST 15mm (½ 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 period for wheat, barley and triticale.

In Queensland, planting of canola, chickpeas and safflower must be delayed for at least 14 days following rainfall of at least 15mm.

@ In Central Queensland, when using 800mL/ha or less of Agro-Essence 2,4-D 625SL, the plant Back period for sorghum and sunflower is 1 day irrespective of rainfall.

+ 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 -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, Paraquate, Propon, Atrazine, Spray.Seed, Picloram and Tribunex.

RESISTANT WEED WARNING

Agro-Essence 2,4-D 625SL is a member of the Phenoxy group of herbicides. Agro-Essence 2,4-D 625SL has the disruptors of plant cell growth mode of action. For weed resistance management, Agro-Essence 2,4-D 625SL is a group I herbicide. Some naturally occurring weed biotypes resistant Agro-Essence 2,4-D 625SL and other disruptors of plant cell growth 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 Agro-Essence 2,4-D 625SL or other disruptors of plant cell growth herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use. Agro-Alliance Australia Pty Ltd accepts no liability for any losses that may result from the failure of Alliance Herbicide 2,4-D 625SL 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. DO NOT spray cereals if lucerne is present

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). DO NOT use unless windspeed is more

than 3 kilometres per hour and less than 15 kilometres per hour as measured at the application site. DO NOT apply with smaller than coarse to very coarse spray droplets according to the ASAE S572 definition for standard nozzles.

PROTECTION OF LIVESTOCK

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

PRODUCTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed original container in a cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, brush or puncture empty container and deliver empty packaging for appropriate disposal to an approved waste management facility. Empty containers and product should not be burnt.

For refillable containers (Only for 1000L): Empty contents fully into application equipment.

Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with the 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 gets on the 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 on 131126.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet.

NOTICE TO BUYER

Agro-Alliance Australia Pty Ltd will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.