

POISON

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

TITAN

2,4-D AMINE 700 DUAL SELECTIVE HERBICIDE

ACTIVE CONSTITUENT:
700g/L 2,4-D present as DIMETHYLAMINE & DIETHANOLAMINE SALTS

GROUP **4** HERBICIDE

For the control of broadleaved weeds in fallow before direct drilling or sowing of cereals and pastures; and in cereal crops, pastures, sugarcane, peanuts and non-agricultural areas according to the 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.

APVMA Approval No.: 89547/128254

Pack Size: 5-1000L



TITAN AG Pty Ltd | ABN 57 122 081 574
15/16 Princes Street, Newport NSW 2106
Tel (02) 9999 6655 | Fax (02) 9999 0483
titanag.com.au

IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL

DIRECTIONS FOR USE

General Restraints: DO NOT exceed maximum application rate of 6.4L/ha (4500g ae/ha).
DO NOT exceed the maximum daily application rate by backpack spraying of 5.7L/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.

Additional USAGE restrictions apply in some crops, states and seasons, see restriction tables 1, 2, 3, 4 and 5.

SPRAY DRIFT RESTRAINTS

DO NOT apply by a 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						
Application rate (ha)	Boom Height above target canopy	Mandatory buffer zones (distances given in metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 250mL (180g ae/ha)	0.5m or lower	0	0	0	0	0
	1.0m or lower		15		15	
Up to 500mL (360g ae/ha)	0.5m or lower		0		0	
	1.0m or lower		30		30	
Up to 1L (720g ae/ha)	0.5m or lower		20		15	
	1.0m or lower		45		45	
Up to 1.5L (1080g ae/ha)	0.5m or lower		25		25	
	1.0m or lower		60		60	
Up to 3L (2160g ae/ha)	0.5m or lower		35		35	
	1.0m or lower		110		100	
Up to 4L (2880g ae/ha)	0.5m or lower		45		45	
	1.0m or lower		140		130	
Up to 4.75L (3325g ae/ha)	0.5m or lower		55		50	
	1.0m or lower		160		160	

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 metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 250mL (175g ae/ha)	Fixed Wing	0	50	0	80	0
	Helicopter		40		60	
Up to 500mL (350g ae/ha)	Fixed Wing		85		130	
	Helicopter		65		90	
Up to 1L (700g ae/ha)	Fixed Wing		110		160	
	Helicopter		80		110	
Up to 1.5L (1050g ae/ha)	Fixed Wing		140		210	
	Helicopter		100		140	
Up to 3L (2100g ae/ha)	Fixed Wing		300		550	
	Helicopter		200		300	
Up to 4L (2800g ae/ha)	Fixed Wing		300		550	
	Helicopter		240		350	

Timing and Usage Restriction Tables

Table 1: Timing restrictions for spraying Peanuts

Situation	Rate (L/ha)	Region	Timing Restriction
			DO NOT APPLY DURING THE MONTHS
Broadcast spraying, prior to sowing (Peanuts)	Up to 1.2L/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 1.5L/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	August to December
		Mary/Burnett	September to November
		SE Queensland	Use not supported
Band spraying, post-sowing pre-emergence (Peanuts)	Up to 1.6L/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 3.2L/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

Table 2: Application and timing restrictions for application to Pastures

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST					
Pastures (prior to sowing, conservation tillage)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	4.5	4.5	4.5	4.5
	New South Wales & ACT	4.5	4.5	4.5	4.5
	Victoria	0.5	1.5	4.5	1.5
	Tasmania	0.5	1.1	3.2	1.5
	South Australia	1.0	1.5	4.5	3.2
	Western Australia	1.5	3.2	4.5	3.2
Pastures (established)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	6.4	6.4	6.4	6.4
	New South Wales & ACT	6.4	6.4	6.4	6.4
	Victoria	0.9	1.7	6.4	3.2
	Tasmania	0.6	1.5	4.5	2.8
	South Australia	1.3	2.8	6.4	4.5
	Western Australia	3.2	4.5	6.4	4.5

Table 3: Timing restrictions for spraying Sugarcane

Rate (L/ha)	Region	Timing Restriction
DO NOT APPLY DURING THE MONTHS		
Up to 1.5L/ha	Wet Tropics	No timing restriction
	Burdekin	No timing restriction
	Mackay/Whitsunday	October to November
	Mary/Burnett	October to November
Up to 3.2L/ha	Northern NSW	No timing restriction
	Wet Tropics	October to December
	Burdekin	September to October
	Mackay/Whitsunday	August to December
	Mary/Burnett	April to January
	Northern NSW	October to November

Table 4: Application restrictions for Turf

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST		
Turf	State	Rate (L/ha)
	Queensland & NT	2.9
	New South Wales & ACT	2.9
	Victoria	2.2
	Tasmania	2.2
	South Australia	2.2
	Western Australia	3.6
If applying to golf courses in Tasmania, DO NOT apply to fairways adjacent to natural water bodies.		

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)

1. FIELD CROPS				
SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Wheat	Refer Weed Table	NSW, ACT, SA only	285mL-1.5L/ha	Apply after the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller (NSW, SA only).
		VIC only	200mL-1.25L/ha	Apply from tillering to boot stage (VIC only).
		QLD only	500mL-1.25L/ha	Apply from mid tillering to before boot stage (QLD only).
		TAS only	715mL-1.25L/ha	Apply at 5 leaf to fully tillered (TAS only).
Barley		NSW, ACT, SA only	285mL-1.25L/ha	
		VIC only	200mL-1.25L/ha	
		QLD only	500mL-1.25L/ha	
		TAS only	715mL-1.25L/ha	
Cereal Rye, Triticale		NSW, ACT, SA only	285mL-1.25L/ha	
		VIC only	200mL-1.25L/ha	
Oats		NSW, SA only	285mL-715mL/ha	
		VIC only	200mL-715mL/ha	
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only	570mL-1.0L/ha	Apply from the 5 leaf stage up to jointing leaf stage (Zadoks 15-33). Apply after the 6 leaf stage (Z16) for cranbrook, jacup, aroona and spear wheat and mortlock oats to avoid possible damage. DO NOT spray if lucerne is present. Weed Stage: 10-15cm. Docks should be sprayed before 5 leaf stage. Cape Tulip – low rate for cornsils only.
	Dock, Flatweed, Saffron Thistle		1.0L/ha	
	Indian Hedge, Mustard, London Rocket, Lupin, Matricaria, Rapistrum, Wild Radish		715mL/ha	
	Wild Turnip		570mL/ha	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. Tank Mixtures: Read and follow all label directions including restraints, spray drift restraints, mandatory no-spray zones, critical comments, withholding periods, regional use restrictions and safety directions for the tank mix products.
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip		170mL/ha plus 500L/ha Flowable Diuron (500g/L)	
Fallow, Stubble: Spray prior to direct drilling or sowing Winter Cereals, Grain Legumes (Peanuts QLD only) and Canola	Refer Weed Table	ALL STATES	200mL-1.5L/ha	Observe plant back periods given in the table on this leaflet. Can be mixed with Chlorsulfuron 750g, Paraquat 250g or Spray.Seed where grasses are present. Select an appropriate rate from the weed table. For Skeleton Weed spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.
Millet	Refer Weed Table	NSW, ACT, VIC, SA only	500mL-1.0L/ha	Spray when secondary roots have developed when fully tillered and before heads start to form at the base of the tillers. DO NOT use on Panorama Millet or Panicum.
		QLD only	500-800mL/ha	
Saccaline, Broom Millet, Millet	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, Radish, Wild Turnip	WA only	1.0L/ha	Spray when crop is 10-30cm high and secondary roots have developed and before tasselling. Apply as direct spray to weeds.
Sugarcane (Q80, Q96 & H56 varieties)	Bellvine	QLD, NSW only	250mL/100L water	Apply in spring, using directed spray.
	Morning Glory		500mL to 1.0L/ha	Apply in summer using high clearance tractor.
	Pink Convolvulus, Star of Bethlehem		1.0L/ha	Apply in autumn by aircraft.
Sugarcane	Bindy Eye (Star Burr), Blue Top, Cobblers Pegs, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus Vines	QLD only	1.25-3.1L/ha	Add 60-120mL of 600g/L non-ionic surfactant to 100L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 varieties.
	Chinese Mint, Blue Snakeweed		3.1L/ha	
Peanuts	Broadleaf weeds except Noogoora Burr, Grasses except Mossman Burr	QLD only	1.6-3.2L/ha	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.

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Harvest Aid or Salvage Spray Winter Cereals	Dessicate Broadleaf Weeds Refer Weed Table	ALL STATES	1.0-5L/ha	Apply after dough stage.
Bananas	To destroy Banana suckers	QLD only	145mL/10L water	Inject at the rate of 15mL per fully grown plant, 10mL per medium sized plant and 5mL for small suckers.
			285mL/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		715mL/ha	Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
Carribean Stylo forage or seed crops			715mL-1.25L/ha	Apply post-emergence when crop is 3 weeks old.
2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS				
SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Pastures and Non-Agricultural	Refer Weed Table	QLD, NSW, ACT, TAS, SA only	500mL-1.5L/ha	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
	Galvanised Burr	NSW, ACT only	285mL/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.
	Amsinckia, Docks, Bindweed, Caltrop Flatweed, Spear Thistle, Capeweed, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson's Curse, Heliotrope, Ragwort, Three-cornered Jack (Doublegee, Spiny Emex)	WA only	1.0-2.1L/ha	For pastures not containing legumes. Only seedling Docks, Spear Thistle and Saffron Thistle will be controlled. Summer Weeds: Use low rate for seedlings, 1.25-2.1L/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, 1.25-2.1L/ha for larger plants. If stock present, use spray/grazing rates.
	Afghan Melons		1.25L/ha plus 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.
	Paddy Melons		715mL-1.0L/ha	
	Prickly Saltwort (Roly Poly)		1.25L/ha	Spray when plants are small.
	Stinkwort		1.25-2.85L/ha plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
	Dove Weed		2.85L/ha	Spray after good emergence of seedlings.
Pastures, Rights of Way and Industrial	Boxthorn, Boneseed, Hawthorn	VIC, SA only	70mL/10L water/ha	Spot Spraying. For Boneseed only, thoroughly wet plants or seedlings.
			Undiluted	Apply as an undiluted spray to freshly cut stumps.
	Groundsel	QLD, NSW, ACT, SA only	850mL/15L water	Misting: Lightly wet plants.
			285mL/100L water	High Volume: Thoroughly wet plants.
		TAS only	215mL/15L water	Cut Stump: Swab the cut stump immediately. Apply by a pouring can or knapsack spray.
		QLD, NSW, ACT, TAS, SA only	2.6-3.9L/ha	Aerial Application: Spray when Groundsel is actively growing.
	Lantana	QLD, NSW, ACT, SA only	285mL/100L water	Use a very 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	360mL/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.
	Noogoora Burr, Weir Vine (Ipomea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	QLD only	145mL/100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage.

SITUATION & CROP	WEEDS	STATE	RATE	CRITICAL COMMENTS
Pastures, Rights of Way and Industrial – <i>continued</i>	Annual and Perennial Pigweed, Artichoke Thistle, Bathurst Burr, Billygoat Weed, Blue Snake Weed, Burr Medic, Clockweed*, Fleabanes, Galvanised Burr, Hemlock, Hoary Cress+, Kyalinga Weed (Whisker Grass), Knobweed, Milky Cotton Bushes, Parthenium Weed, Paterson's Curse, Saffron Thistle, Star Burr, Thornapple, Variegated Thistle*	QLD only	285mL/100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. * Spray rosette stage. + Repeat spraying necessary.
	Rubber Vine	QLD only	145mL/10L water	Apply to freshly cut stump.
	Sesbania Pea		500-800mL/ha	Apply to freshly cut stump.
	Water Hyacinth		3.1-4.75L/ha	Apply in 2200 to 3300L water/ha
	Wild Tobacco Tree		215mL/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	500mL-1.25L/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.
	Clover, Sorrel		1.0L/ha plus 700mL-1L/ha of Dicamba 200g	Apply to actively growing plants in autumn. DO NOT sow pasture seed for at least 30 days after application.
Pastures – Spray/Graze Techniques				*Precaution: An increased quantity of poisonous plants may be eaten by stock using Spray-Graze eg. Caltrop, Capeweed, Paterson's Curse, Variegated Thistle and deaths could result from causes such as nitrate poisoning. With Paterson's Curse, preferably graze stock soon destined for slaughter and avoid extended periods of grazing. Avoid grazing with young or breeding stock. DO NOT graze horses or pigs on Paterson's Curse.
	Amsinckia, Thistles, Capeweed, Doublegee, Mustard, Paterson's Curse, Wild Turnip, Wild Radish, Docks, Geranium, Erodium	SA only	500mL/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 signs of over grazing. Then return to normal stocking levels. Use high stocking rates in following spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.
	Annual Thistles, Capeweed, Doublegee, Mustards, Paterson's Curse, Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	VIC, TAS only		
	Amsinckia, Docks (Seedling only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles	WA only	535-715mL/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 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.
	Spear Thistle, Saffron Thistle		1.0L/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.
	Melons		1.25L/ha + 1% oil	Heavy stocking on young plants sprayed with 715mL/ha provides effective control.
	Docks	VIC only	1.0L/ha	Apply in September only and follow other recommendations above.
	Caltrop, Capeweed, Charlock, Mustards, Paterson's Curse, Shepherd's Purse, Saffron, Slender, Spear or Variegated Thistle*, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT only	250mL-1.0L/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, ACT only	1.3-2.6mL/1L of water or 1.25-2.85L/ha	Wet foliage thoroughly. DO NOT mow lawn for 1 week before and at least 1 week after application.
		WA only	35mL per 10-15L water/100m ²	DO NOT use on Buffalo grass (WA only).

3. SPOT SPRAYING			
SITUATION & CROP	WEEDS	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 1000m ² (1/10th ha) e.g. If rate in weed table is 1.25L – use 125mL/150L water.
Knapsack Application	Refer to Weed Table		Add 1/10th of rate on weed table to 10L of water. Each 10L of mix will cover 100m ² (1/100th ha). eg. If rate in weed table is 1.25L – use 125mL/10L water.

HARDWOOD & SOFTWOOD PLANTATIONS			
CROP	WEEDS	APPLICATION RATE	CRITICAL COMMENTS
Hardwood & softwood plantations	Broadleaf and woody weeds as per product labels including Groundsel and <i>Pinus</i> spp. wildings	Maximum rate 1.4L/ha	Apply a single pre-plant application and/or a maximum of 2 post-plant applications using shielded sprayers within the first 2 years following planting. Apply using aircraft (rotary wing only) or ground based equipment. DO NOT spray over or into watercourses. Products may be mixed with glyphosate for pre-plant spray operations.

OIL TEA TREE			
CROP	WEEDS	APPLICATION RATE	CRITICAL COMMENTS
Oil Tea Tree	Weeds on label	Apply a maximum of 850mL/ha as per label directions	Apply as a shielded spray. Avoid contact with foliage, green stems, exposed non-woody roots, desirable plants and trees as severe injury or destruction may result. Apply following harvest as a blanket spray only after: <ul style="list-style-type: none"> • All residual tea tree foliage has been removed by mechanical shaving, or by using a burner, • No swollen buds are present on stumps. NOTE that buds can burst 8 days after harvest in summer, and • Surface of cut stumps are dry before spraying commences.
	Purple Top (<i>Verbena bonariensis</i>)	Apply a maximum of 85mL/ha as per label directions plus 720g ai glyphosate/ha in a tank mix	Apply as a shielded spray. Avoid contact with foliage, green stems, exposed non-woody roots, desirable plants and trees as severe injury or destruction may result.

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	–	–	–	–	1.25L/ha	–	–
Wheat	1.6L/ha	1.5L/ha	200mL/ha	1.25L/ha	1.5L/ha	1.5L/ha	1.5L/ha
Barley	1.25L/ha	1.25L/ha	200mL/ha	1.25L/ha	1.25L/ha	1.25L/ha	1.25L/ha
Oats	–	715mL/ha	200mL/ha	715mL/ha	800mL/ha	1.0L/ha	–
Triticale	–	1.25L/ha	200mL/ha	–	1.25L/ha	1.5L/ha	715mL/ha
Undersown Clovers	–	–	200mL/ha	–	–	610mL/ha	500mL/ha
Undersown Medics	–	–	200mL/ha	–	–	NIL	500mL/ha
Undersown Lucerne	–	–	200mL/ha	–	–	NIL	–

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD:

PASTURE, CEREAL CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

HARVEST WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

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

WEED TABLE:

Note: Where weeds are to be sprayed in a CROP or PASTURE use only the rates given for the particular crop or situation indicated under the Directions for Use table. In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed. The rates listed in the Weed Table below are for use where weeds only are present, and no crop or pasture is involved. Use at these rates in a crop or pasture other than for spot spraying may cause damage. This product should only be used in those states where a rate or range of rates is indicated for the particular weeds listed.

Weeds	Application Rate per Hectare							Critical Comments
	Crop						Pasture	
	VIC	NSW, ACT	SA	QLD	TAS	WA	NSW, SA, QLD, TAS only	
<i>Amaranthus</i> spp.	-	500mL-1.0L	-	800mL	-	-	-	Spray young plants.
Amsinckia	-	-	-	-	-	1.0L	-	
Apple of Peru	-	500mL-1.0L	-	800mL	-	-	-	Spray young plants. Susceptible when young.
Bathurst Burr	-	715mL-1.0L	1.5-2.0L	800mL	-	-	715mL-1.0L not SA	Spray seedlings only.
Bellvine	-	1.6L	-	1.6L	-	-	-	Spray before seeding. Advanced stages susceptible.
Billygoat Weed	-	3.0L	-	3.0L	-	-	-	Spray at young stage.
Bindweed	-	-	-	-	-	1.0L	-	
Blackberry Nightshade	-	500mL-1.0L	-	800mL	-	-	-	
Blackeyed Susan	-	1.6L	-	1.6L	-	-	-	Apply at pre-flowering, preferably young stages.
Blue Snakeweed	-	1.6L	-	1.6L	-	-	-	Spray seedlings at young stages only.
California Burr	-	715mL-1.0L	-	800mL	-	-	715mL-1.0L not SA	Spray seedlings only.
Cape Tulip	-	-	-	-	-	570mL-1.0L	-	Low rate for cormils only.
Capeweed	1.25L	-	1.5L	-	1.25L	1.0L	1.5-2.5L	Spray seedlings to rosette stage.
Caltrop	-	715mL-1.5L	-	800mL	-	1.0L	-	Moderately susceptible.
Castor Oil Plant	-	3.0L	-	3.0L	-	-	-	Spray at young stage.
Charlock	500-715mL	500mL-1.0L	500mL	-	1.25L	-	715mL-1.0L	Spray at rosette stage.
Clover	-	1.0L	-	-	-	-	-	
Cobbler's Pegs	-	1.6L	-	1.6L	-	-	-	Apply at pre-flowering, preferably young stages.
Common Ice Plant	-	-	1.0L	-	-	-	-	
Common Sida	-	1.6L	-	1.6L	-	-	-	Spray seedling or young stages only.
Common Sowthistle	-	1.6L	-	1.6L	1.25L	-	-	Apply at pre-flowering, preferably young stages.
Docks	1.25L	-	1.25L	1.25L	1.25L	1.0L	2.85L SA only	Spray at multiple leaf stage – effective only on seedlings.
Doveweed	-	-	-	-	-	1.0L	-	
Fat Hen	-	500mL, 1.5L	-	800mL	1.25L	-	-	Spray pre-flowering.
Flannel Weed	-	1.6L	-	1.6L	-	-	-	Spray seedling or young stages only.
Flat Weed	-	-	-	-	-	1.0L	-	
Fumitory - red	-	-	1.5L	-	-	-	-	
Fumitory - white	715mL	-	500mL	-	-	-	-	Spray at multiple leaf stage.
Heliotrope	-	-	-	-	-	1.0L	-	
Hexham Scent or Melilotus	1.25L	-	1.0L	1.25L	-	-	1.0-1.5L	Spray multiple leaf stage before seeding.
Hoary Cress	800mL-1.25L	1.0-1.5L	1.25L	1.25L	-	-	1.25-1.5L	Spray rosettes and pre-flowering.
Hogweed / Wireweed	1.25L	-	-	1.25L	-	-	-	Spray at multiple leaf stage (VIC). Spray at seedling and young plant stage (QLD).
Horehound	-	-	1.25L	-	-	-	2.0-2.85L SA only	Spray seedlings.

Weeds	Application Rate per Hectare							Critical Comments
	Crop						Pasture	
	VIC	NSW, ACT	SA	QLD	TAS	WA	NSW, SA, QLD, TAS only	
Indian Hedge Mustard	-	-	-	-	1.25L	1.0L	-	
Khaki Weed	-	-	-	-	-	-	1.0-2.0L not SA	Spray seedlings only.
Knobweed	-	-	-	1.6-3.0L	-	-	-	Lower rate for seedlings; higher rate for later stages.
Lincoln Weed	-	-	1.5L	-	-	-	-	Spray early rosettes.
London Rocket	-	-	-	-	-	-	-	
Lupins	-	715mL-1.5L	-	-	-	-	-	
Melons - Camel, Paddy	-	500mL-1.0L	-	-	-	-	-	
Mexican Poppy	-	-	-	1.25L	-	-	-	Spray seedlings - plants become more resistant with age.
Mintweed	-	1.0L	-	800mL	-	-	-	Spray seedlings – resistant in later stages.
Morning Glory	-	1.6L	-	1.6L	-	-	-	Spray at seedling to flowering stage.
Mustards	200-500mL	500mL-1.0L	500mL-1.25L	800mL	-	715mL	500mL-1.0L	Spray at 2-4 leaf up to rosette stage.
Needle Burr	-	1.6L	-	1.6L	-	-	-	Apply at pre-flowering, preferably young stages.
New Zealand Spinach	-	1.0-1.5L	-	-	-	-	-	
Noogoora Burr	-	715mL-1.0L	-	800mL	-	-	715mL-1.0L not SA	Spray seedlings only.
Paterson's Curse	-	1.0-1.5L	-	1.25L	-	1.0L	1.5-2.0L	Spray rosettes or before plants have 10 leaves. Later stages harder to kill.
Pinkburr (Pink Flowered Burr)	-	1.6L	-	1.6L	-	-	-	Spray seedling or young stages only.
Potato Weed	-	500mL-1.0L	-	800mL	-	-	-	
Purpletop	-	3.0L	-	3.0L	-	-	-	Spray at young stage.
Radish	-	-	-	-	-	1.0L	-	
Rapeseed	-	715mL-1.5L	-	-	-	-	-	
Rapistrum	-	-	-	-	-	1.0L	-	
Rough Poppy	-	1.0L	-	-	-	-	-	
Safflower	-	500mL-1.0L	-	-	-	-	-	
Shepherds Purse	-	-	-	-	1.25L	-	715mL-1.0L	Spray young rosettes.
Siratro (Purple Bean)	-	1.6L	-	-	-	-	-	Spray seedling or young stages only.
Skeleton Weed	1.25L	1.0L-1.5L	-	-	-	-	-	Spray rosettes before aerial growth commences.
Sorrel	1.25L	1.5L	1.25L	-	-	-	-	Only moderately susceptible.
Speedwell – Ivy leaf	-	-	1.0L	-	-	-	-	
Spinyhead Sida	-	1.6L	-	1.6L	-	-	-	Spray seedling or young stages only.
Starburr	-	1.6L	-	1.6L	-	-	-	Spray before seeding, advanced stages susceptible.
Spiny Emex	-	-	-	1.25L	-	-	-	Only young plants are susceptible.
Star of Bethlehem (Cupid's Flower)	-	-	-	1.6L	-	-	-	Spray before seeding, advanced stages susceptible.
Stinkwort	-	715mL-1.25L	-	-	-	-	-	
Storkbill / Erodium	-	-	-	-	1.25L	-	1.4-2.85L	Spray seedlings to young rosettes.

Weeds	Application Rate per Hectare							Critical Comments
	Crop						Pasture	
	VIC	NSW, ACT	SA	QLD	TAS	WA	NSW, SA, QLD, TAS only	
Sunflower (seedlings)	1.25L	500mL-1.25L	-	800mL	-	-	-	
Thistles:- Annual	-	-	-	-	-	1.0L	-	
- Californian	-	-	-	-	2.4L	-	2.85-3.4L	Repeated applications may be necessary (NSW, TAS only).
- Saffron	1.0L	500mL-1.5L	1.25L	1.25L	850mL	1.0L	1.0-1.5L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
- Slender / Shore	-	715mL-1.5L	-	-	-	1.25L	1.0L	Suppression only.
- Soldier	1.25L	-	-	-	-	-	1.0-1.4L not NSW, TAS	Spray young rosettes.
- Spear	500mL	-	-	-	1.25L	-	1.0-1.4L	Spray young rosettes.
- Star	-	-	-	-	-	-	1.4-2.85L SA only	Use higher rate as flower stalk appears.
- Variegated	-	500mL-1.5L	-	800mL	1.25L	-	1.0-1.5L	Spray at rosette stage.
Thornapple	-	715mL-1.0L	-	-	-	-	1.4-2.1L not SA	Spray seedlings only.
Tridax (Tridax Daisy)	-	1.6L	-	1.6L	-	-	-	Spray seedling or young stages only.
Turnip Weed / Rapistrum	-	500mL-1.0L	-	500mL	-	715mL	500mL-1.0L	
Vetches / Tares	1.25L	-	1.0L	-	-	-	-	Spray at multiple leaf stage.
Wards Weed	-	-	1.0L	-	-	-	-	
Wild Cabbage	1.25L	-	-	-	-	-	-	Spray multiple leaves.
Wild Poppy	500mL	-	-	-	-	-	1.0-1.5L	Spray rosettes.
Wild Radish	1.25L	1.25-1.5L	1.25L	800mL	1.25L	715mL	715mL-1.0L	Spray up to young rosette stage.
Wild Turnip	200-500mL	500mL-1.0L	285mL	-	1.25L	570mL	500mL-1.0L	Spray 2-4 leaf up to rosette stage.

Plant back days for TITAN 2,4-D AMINE 700 DUAL SELECTIVE HERBICIDE			
Crop	Rates		
	Up to 500mL/ha	500mL-1.0L/ha	1.0-1.5L/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
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

IMPORTANT: 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 period 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 15mm.

@ In Central Queensland, when using 700mL/ha or less of TITAN 2,4-D Amine 700 Dual Selective Herbicide 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.

TITAN 2,4-D Amine 700 Dual Selective Herbicide is a water soluble liquid product with non-selective herbicidal activity against broadleaf weeds. TITAN 2,4-D Amine 700 Dual Selective Herbicide will control emerged weeds only and provides no residual control although certain plant back periods should be observed. TITAN 2,4-D Amine 700 Dual Selective Herbicide is absorbed by plant foliage and accumulates to toxic levels in the regions of growth and reproduction, upsetting the ability of plants to balance the synthesis and use of nutrients. Visible effects are a gradual yellowing and wilting of the plants which advances to complete browning of above ground growth and deterioration of root systems. Effects may not be apparent for 7-10 days or even up to 21 days under cold and cloudy conditions.

DO NOT treat weeds under poor growing or dormant conditions such as occur in drought, water-logging, disease, insect damage, following frost, weeds heavily covered with dust or silt.

Reduced results may also occur if weeds are under stress from previous herbicide application. Rainfall occurring up to 6 hours after application may reduce effectiveness.

CROP ESTABLISHMENT

TITAN 2,4-D Amine 700 Dual Selective Herbicide is recommended as a herbicide additive to TITAN Glyphosate 540 K Salt Herbicide for control of emerged weeds prior to crop establishment. When TITAN 2,4-D Amine 700 Dual Selective Herbicide is applied prior to crop establishment, certain Plant Back Periods should be observed to ensure that the herbicide has degraded sufficiently to allow safe sowing of the intended crop. This process is largely influenced by moisture, temperature and certain soil characteristics and may be delayed particularly when conditions are cold and dry. Refer to the Plant Back Period table for specific information. In seasons of heavy weed growth, or where the following conditions apply, it may be necessary to further delay sowing until a suitable seedbed can be formed. Conditions which can delay crop germination and seedling development include:

- Heavy green or decaying weed growth incorporated into the soil;
- Soil compaction or crusting;
- Cold and wet soils;
- Deep seeding;
- Prior use of residual or pre-emergent herbicides.

To minimise these effects, it is suggested that:

- Weed bulk be reduced by grazing and cultivating to leave trash on the surface to dry out;
- A friable seedbed be produced by cultivation, where necessary;
- The use of pre-emergent herbicides to be avoided if they might contribute to reduced germination;
- A correct seeding depth be used.

The preferred alternative is to spray early to control any weeds in their less advanced stages and ensure the seedbed is in a suitable condition for early sowing when soil temperatures are not excessively cold.

APPLICATION INFORMATION

Boom Spraying: Use 30-120L/ha of water.

Aerial Spraying: Use 10-90L/ha of water.

Fallow use:

Ground Sprayer Application: Application of TITAN 2,4-D Amine 700 Dual Selective Herbicide plus TITAN Glyphosate 540 K Salt Herbicide in a minimum spray volume of 50L/ha is recommended. Water rate will vary according to product rate. Refer to Compatibility section for recommended water rates. When simazine and/or atrazine is included in the mixture a minimum spray volume of 100L/ha is recommended.

Aerial Equipment: Application of TITAN 2,4-D Amine 700 Dual Selective Herbicide and glyphosate mixtures using boom equipment should occur in a minimum spray volume of 50L/ha. Water rate will vary according to product rate. Refer to Compatibility section for recommended water rates.

DO NOT apply by aircraft when temperature is above 35°C. DO NOT use in intensive horticultural cropping areas. Thoroughly wash aircraft, especially landing gear after each day of spraying to remove herbicide residues.

EQUIPMENT MAINTENANCE AND USAGE

Equipment that has been used for this chemical should not be used for the application of other materials to sensitive plants, unless it has been well washed out with hot soapy water or 1% solution of ammonia, followed by several clear water rinses or use Tank & Equipment cleaner. If using a Sulfonylurea herbicide, follow decontamination procedures detailed on those product labels. A 50 mesh primary filter and 80 mesh secondary filter(s) are recommended. The use of in-line nozzle filters is not recommended.



Mixtures with TITAN Glyphosate 540 K Salt Herbicide: Spray solutions of TITAN 2,4-D Amine 700 Dual Selective Herbicide and TITAN Glyphosate 540 K Salt Herbicide should be mixed, stored and applied only in stainless steel, aluminium, brass, copper, fibreglass, plastic-lined containers. DO NOT mix, store or apply spray solutions in galvanised steel or unlined steel (except stainless steel) containers or spray tanks. TITAN 2,4-D Amine 700 Dual Selective Herbicide/TITAN Glyphosate 540 K Salt Herbicide spray solutions may react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture that can flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

COMPATIBILITY

TITAN 2,4-D Amine 700 Dual Selective Herbicide has been formulated and recommended for use with TITAN Glyphosate 540 K Salt Herbicide.

Recommended water rates (L/ha) for various ratios of TITAN Glyphosate 540 K Salt Herbicide and TITAN 2,4-D Amine 700 Dual Selective Herbicide						
TITAN Glyphosate 540 K Salt Herbicide	TITAN 2,4-D Amine 700 Dual					
	L/ha	0.4	0.6	0.8	1	1.2
	0.8	30+	30+	40+	40+	50+
	1	30+	30+	40+	50+	50+
	1.2	30+	40+	50+	50+	50+
	1.4	30+	40+	50+	50+	60+
	1.6	35+	50+	50+	50+	60+
	1.8	40+	50+	50+	60+	75+

This product may be tank mixed with:-

Herbicides: Dicamba, Metsulfuron-methyl, Simazine, Flowable Diuron, Chlorsulfuron, Paraquat, Atrazine, Paraquat/Diquat, Clopyralid, Fluroxypyr, Triclopyr, Picloram, Oxyfluorfen, Carfentrazone-ethyl

Insecticides: Chlorpyrifos, Dimethoate, Phosmet, Alpha-cypermethrin

Fungicides: Propiconazole, Tebuconazole, Epoxiconazole/Azoxystrobin

PGRs: Chlormequat

Trace Elements: Oxide formulations of foliar fertilisers are generally physically compatible with TITAN 2,4-D Amine 700 Dual Selective Herbicide but reductions in weed efficacy can occur. A minimum water volume of 70L/ha is recommended.

SURFACTANT ADDITION – CONSERVATION TILLAGE

DO NOT add surfactant except for Conservation Tillage where the product is to be tank-mixed with a glyphosate product. In this situation, always add TITAN 700 Surfactant in accordance with label directions on the glyphosate product. Use TITAN 700 Surfactant if insecticides will be included in the tank mixture or if faster brownout of weeds is required or for assistance in droplet size management to partially reduce the number of fine droplets produced from hydraulic nozzles by air and ground.

To improve performance under adverse environmental conditions or when dealing with large weeds, the addition of a liquid Ammonium Sulphate (417g/L) at 2L/100L is recommended. Addition of crystalline ammonium sulphate may take a significantly longer time to dissolve.

DO NOT mix with spraying oils, or any other materials or agricultural chemicals except as directed on this label.

TANK MIXTURES – CONSERVATION TILLAGE

A mixture of TITAN 2,4-D Amine 700 Dual Selective Herbicide and TITAN Glyphosate 540 K Salt Herbicide may be tank mixed with the following herbicides, insecticides and adjuvants where recommended in the Directions for Use tables. Read and follow all label directions, restraints and plant back periods, withholding periods and safety directions for the tank mix products.

Dicamba 750: For improved control of Sowthistle. Observe any regional use restrictions.

Chlorsulfuron: Will provide control for a wide range of broadleaf weeds and grasses.

Metsulfuron-methyl: For improved knockdown control of Yellow burrweed (Amsinckia), Volunteer chickpeas, Chickweed, Common Sowthistle, Cut-leaf mignonette, Dead nettle, Faba beans, Mallee catchfly, Soursob, Stagger weed, Wild garlic. Metsulfuron-methyl DOES NOT provide residual in-crop weed control.

INSECTICIDES

Chlorpyrifos 500EC, Dimethoate, Phosmet, Alpha-cypermethrin can be introduced into the tank mix for specific control to prevent insect damage to emerging crops.

MIXING INSTRUCTIONS

TITAN 2,4-D Amine 700 Dual Selective Herbicide mixes readily with water. Ensure the spray tank is free of any residue of previous spray materials. Flush chemical suction equipment with fresh water between products, and between fills, when adding to the spray solution.

1. Fill the spray tank with clean water to at least 70% of the required amount and start agitation. DO NOT use mechanical agitators as they may cause excessive foaming when herbicides are added.
2. Where Ammonium Sulphate is recommended, add to tank through top mesh screen.
3. Add recommended herbicide additive/insecticide to the spray tank and mix thoroughly (mixing order water dispersible granules, then suspension concentrates, then emulsifiable concentrates, then soluble liquids).
4. Add TITAN 2,4-D Amine 700 Dual Selective Herbicide and mix thoroughly.
5. Top up tank to 95% of desired capacity then add any glyphosate product and the remaining water.
6. When TITAN 700 Surfactant is used, add near the end of the filling process.
7. Always maintain adequate agitation during application and use the tank mix promptly.

RESISTANT WEEDS WARNING

TITAN 2,4-D Amine 700 Dual Selective Herbicide is a member of the Phenoxy group of herbicides.

GROUP **4** HERBICIDE

The product has the disruptors of plant cell growth mode of action. For weed resistance management TITAN 2,4-D Amine 700 Dual Selective Herbicide is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to TITAN 2,4-D Amine 700 Dual Selective Herbicide and other Group 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by TITAN 2,4-D Amine 700 Dual Selective Herbicide or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN 2,4-D Amine 700 Dual Selective Herbicide to control resistant weeds.

RE-ENTRY PERIOD

DO NOT hand harvest Sugarcane 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 must be laundered after each day's 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.

Metal drums and 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.

Containers accompanied by a leaflet: The method of disposal of the container depends on the container type. Read the 'Storage and disposal' instructions on the label that is attached to the container.

drumMUSTER containers: 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.

Refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply/designated collection point/other specific collection details for refill or storage.



SAFETY DIRECTIONS

Poisonous if inhaled or swallowed. Corrosive to the eyes and skin. Avoid contact with the eyes and skin. Will irritate the nose and throat. DO NOT inhale vapour or spray mist. When opening the container and preparing spray or using undiluted concentrate, wear protective waterproof clothing, elbow-length chemical resistant gloves, impervious footwear and goggles and half face piece respirator with organic vapour/gas cartridge or canister or full facepiece respirator. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by hand wear half 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 eyes, 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, goggles, respirator (and if rubber wash with detergent and warm water) and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN 2,4-D Amine 700 Dual Selective Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit titanag.com.au

CONDITIONS OF SALE: TITAN AG Pty Ltd 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 TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Harmful if swallowed. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Harmful to aquatic life with long lasting effects. Precautionary Statements: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves / eye protection / face protection. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Rinse mouth. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

