

POISON

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

Trio 2,4-D LV Ester 680 Herbicide

**ACTIVE CONSTITUENT:
680 g/L 2,4-D PRESENT AS THE 2-ETHYLHEXYL ESTER**

GROUP	4	HERBICIDE
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A specially formulated low volatile herbicide for selective control of various weeds in crops, pastures and non-agricultural areas as per the Directions for Use Table. 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.

Contents: 20L – 1000L

CTS Chemicals Pty Ltd. ABN 22 605 759 644
Manning Buildings, 135 High Street Mall
Fremantle WA 6160 Australia
Phone 1800 749 14

STORAGE AND DISPOSAL

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

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 500 mm 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.

Refillable Containers

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

Envirodrum Returnable Container

Store the original sealed Envirodrum in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of CTS Chemicals Pty Ltd.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with the eyes and skin.

When opening the container and preparing spray or using undiluted concentrate, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves, goggles and half face piece respirator with organic vapour/gas cartridge or canister.

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 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 INSTRUCTIONS

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

CTS Chemicals Pty. Ltd. makes no warranty or guarantee and will not accept any responsibilities whatsoever and howsoever arising and whether for consequential, special or indirect loss or otherwise in connection with the supply, storage or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatory imposed by Statutes applicable to the sale or supply of these goods.

Always read the product labels on the container for all instructions, recommendations, critical comments and conditions of sale.

APVMA Approval No: 83485/137008

Batch No:

DOM:

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DIRECTIONS FOR USE

RESTRAINTS:

GENERAL RESTRAINTS

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.
DO NOT exceed maximum application rate of 6.6 L/ha (4500 g ae/ha)
DO NOT exceed the maximum daily application rate by backpack spraying of 5.9 L/day.

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 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 kilometers 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 800 mL (560 g ae/ha)	0.5m or lower	0	10	0	25	0
	1.0m or lower		40		55	
Up to 1.7 L (1150 g ae/ha)	0.5m or lower		30		35	

	1.0m or lower		60		100	
Up to 2.4 L (1620 g ae/ha)	0.5m or lower		30		45	
	1.0m or lower		80		140	
Up to 4.7 L (3180 g ae/ha)	0.5m or lower		50		100	
	1.0m or lower		160		375	
Up to 6.6 L (4500 g ae/ha)	0.5m or lower		75		150	
	1.0m or lower		Not supported		Not supported	

AIRCRAFTS

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a Very Coarse **spray droplet size category**
- For maximum release height 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 820 mL (560 g ae/ha)	Fixed wing	0	120	0	170	0
	Helicopter		85		120	
Up to 1.7 L (1150 g ae/ha)	Fixed wing		190		300	
	Helicopter		130		190	
Up to 2.4 L (1620 g ae/ha)	Fixed wing		240		400	
	Helicopter		160		240	
Up to 4.7 L (3180 g ae/ha)	Fixed wing		Not Supported		Not Supported	
	Helicopter		275		400	
Up to 6.6 L (4500 g ae/ha)	Fixed wing		Not Supported		Not Supported	
	Helicopter		350		625	

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 1.3L/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 1.6L/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 3.3L/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	4.7	4.7	4.7	4.7
	New South Wales & ACT	4.7	4.7	4.7	4.7
	Victoria	0.5	1.5	4.7	1.5
	Tasmania	0.5	1.1	3.3	1.5
	South Australia	1.1	1.5	4.7	3.3
	Western Australia	1.5	3.3	4.7	3.3
Pastures (established)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	6.6	6.6	6.6	6.6
	New South Wales & ACT	6.6	6.6	6.6	6.6

	Victoria	0.9	1.8	6.6	3.3
	Tasmania	0.6	1.5	4.7	2.9
	South Australia	1.3	2.9	6.6	4.7
	Western Australia	3.3	4.7	6.6	4.7

Table 3: Timing restrictions for spraying SUGARCANE

Situation	Rate (L/ha)	Region	Timing Restriction
			DO NOT APPLY DURING THE MONTHS
	Up to 1.2L/ha	All	No timing restriction
	Up to 2.4L/ha	Wet Tropics	No timing restriction
		Burdekin	October
		Mackay/Whitsunday	September to December
		Mary/Burnett	August to December and April to May
		Northern NSW	No timing restriction

Table 4: Application restrictions for TURE

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST		
	State	Rate (L/ha)
Turf	Queensland & NT	2.9
	New South Wales & ACT	2.9
	Victoria	2.3
	Tasmania	2.3
	South Australia	2.3
	Western Australia	3.7
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)

DIRECTIONS FOR USE:

Table 1. FIELD CROPS

REFER TO “RESTRAINTS” and “SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT” BEFORE APPLICATION.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments	Usage Restrictions
Wheat, Barley	Refer to Weed Table	Vic only	210-800mL	<p>CROP STAGES: ALL CEREALS</p> <p>Variations between varieties do occur. Check sensitivity and growth stages of varieties before applying. Damage may result if applied too early.</p> <p>Vic only: Apply at tillered to boot stages.</p> <p>NSW, ACT only: Apply after when the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller.</p> <p>Qld only: Apply from mid-tillering (5 to 6 fully emerged main stem leaves plus one or more tillers) to before boot stage (visible swelling of the head at the top of the main stem).</p> <p>SA, Tas only: Apply from completion of tillering to early jointing stage.</p> <p>WA only: Apply from the 5 leaf stage up to jointing stage (Zadoks 15-33). Apply only at 6 leaf stage for cranbrook and jacup wheats (Zadoks 16) to avoid possible damage.</p>	
		SA only	230-800mL		
		Qld, NSW, ACT only	410-800mL		
		Tas only	620-800mL		
		WA only	800mL		
Triticale		Qld, NSW, ACT only	410-800mL		
		SA only	240-820mL		
		Vic only	210-800mL		
Cereal Rye		NSW, ACT, Qld only	410-800mL		
		Vic only	210-800mL		
Sugar Cane		Qld, NSW only	1.15-2.4L	Post-emergence	USAGE RESTRICTIONS APPLY. See Timing and Usage Restriction Table 3: Timing restrictions for spraying sugarcane
Stubble/ Fallow Spray Prior to Direct Drilling or Sowing. Winter Cereals, Grain legumes (Peanuts Qld only), Canola		All States	210-800mL	Observe the plant back periods given in the table in this leaflet. Must be tank mixed with a knockdown herbicide such as TRIO GLYPHOSATE 450 HERBICIDE, Credit [†] Broadhactare herbicide plus Bonus [†] , Paraquat 250 g/L Herbicide or Paraquat/Diquat 250 g/L Herbicide. Select appropriate rate from the weed table. For skeleton weed, spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.	USAGE RESTRICTIONS APPLY. See Timing and Usage Restriction Table 1: Timing restrictions for spraying peanuts And Timing and Usage Restriction Table 5: Risk mitigation measures for dryland cropping, pre-emergent uses

Harvest Aid or Salvage Spray - Winter Cereals	Broadleaf Weeds Refer to Weed Table	All States	1.7L	Apply after dough stage of crop. Interval between application and effectiveness is 10-20 days. For desiccation of green matter, estimate harvest date and apply spray approximately 14 days earlier. Rain between spraying and actual harvest can negate results. NB. Where thistles are tall and branching above the crop, spraying can turn the branches down into the crop, presenting more stalks to cause header comb blockages. Spraying may increase seed contamination of harvest by accelerating maturity. DO NOT use with undersown legumes that have not set seed.	
Potatoes Pre-harvest Preparation	Broadleaf Weeds such as Clover, Variegated Thistle & Cruciferous weeds	Vic, Tas only	1.15-2.4L	Apply approximately 4 to 5 weeks before harvest after the potato haulms have dried off. Use the highest rate where weeds are more than 30cm in height. For boom spraying apply at least 100 litres of spray mixture per hectare. If grasses such as Rye grass and Winter grass are also present add Amitrole T ¹ Herbicide.	

Table 2. PASTURES, NON-AGRICULTURAL USE

REFER TO “RESTRAINTS” and “SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT” BEFORE APPLICATION.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments	Usage Restrictions
Improved Pasture containing Clovers	Refer to Weed Table	NSW, ACT, Tas, SA, Qld only	410-800mL	Clover must be well covered by the grass or extensive damage may result.	USAGE RESTRICTIONS APPLY. See Timing and Usage Restriction Table 2: Application and timing restrictions for application to pastures.
Pastures – non legumes, Rights of Way & Industrial		NSW, ACT, Tas, SA, WA, Qld only	800mL-4.7L	Control of most perennial weeds, but due to the rooting habits of most species control may take a number of years. Damage may result to legumes in pasture.	
		Vic only	800mL-6.6L	Boom Spray.	
			70-620mL	Spot spraying.	

Pastures- Direct Drilling or Surface Sowing	Charlock, Clover, Medics, Mustards, Paterson's Curse, Saffron, Slender, Variegated and Spear Thistles, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT, Qld, WA, Vic, SA, Tas only	800mL-1.5L (Aerial Application)	Apply to young, actively growing weeds. SOWING: DO NOT sow pasture seed for at least 21 days after application. If soil moisture is dry, delay sowing for at least 30 days.	
	As Above plus: Capeweed, Wireweed, Storksbill/Erodium, Flatweed, Horehound (seedlings), Skeleton Weed, Nodding or Star Thistles		800mL-1.15L (Ground Application)		
	St John's Wort		3.3-4.7L (Aerial or Ground)		
	All of Above plus grasses		As above plus Agricrop Propon [†] or TRIO GLYPHOSATE 450 HERBICIDE or Credit [†] plus Bonus [†] Weedmaster [†] Duo		

Table 3. SPOT SPRAYING

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments	Usage Restrictions
Spot Spraying (All Situations)	Refer to Weed Table	All States	1/100 th of rate on Weed Table per 10L water per 100m ²	Apply through Knapsack. Thorough wetting of weed is essential.	

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

APPLICATION RATE PER HECTARE

NOTE: Where weeds are to be sprayed in a CROP or PASTURE, use only the rates given for the crop in the table below. In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed. eg. Rumex spp. (docks) and Polygonum spp. (wireweed, climbing buckwheat) are killed to ground level only.

WEEDS CONTROLLED	CROP							PASTURES - NON LEGUMES	
	Vic	SA	Tas	NSW, ACT	Qld	WA	Vic	NSW, ACT, TAS, SA, QLD, WA only	Critical Comments
Amaranthus spp	-	-	-	800mL	-	-	-	-	
Angled Onion	-	-	-	-	-	-	3.3L	0.8-1.7L	Spray when buds forming or early flowering.
Apple of Sodom	-	-	-	-	-	-	-	2.9-3.3L	
Bathurst Burr	-	-	-	800mL	-	-	1.7-3.3 L	1.7-3.3L	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Black Knapweed	-	-	-	-	-	-	3.3L	-	Spray before flowering. DO NOT cultivate these infestations.
Buffalo Burr	-	-	-	-	-	-	-	800mL-1.5L (NOT Qld & WA)	Spray from seedling to pre-flowering. Use higher rate as plant matures.
California Burr	-	-	-	800mL	-	-	1.7-3.3 L	1.15-1.7L (NOT SA)	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Caltrop	-	-	-	620-800 mL	-	-	1.7-3.3 L	-	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Cape Tulip	-	-	-	-	-	1.15L	3.3L	1.7-3.3L	Spray before flowering.
Capeweed	800mL	800mL	800mL	530-800 mL	-	-	-	2.5-3.3L	Spray up to rosette stage.
Charlock	410mL	410mL	800mL	410mL	-	-	-	800mL	Spray up to rosette stage.
Clover	-	-	-	620-800 mL	-	-	-	800mL	
Colocynth	-	-	-	-	-	-	3.3L	-	Spray at seedling stage only.
Deadnettle	-	-	-	800mL	-	-	-	-	
Devil's Claw	-	-	-	800mL	-	-	1.3L	1.15-1.7L (NOT SA)	Spray prior to pods forming.

Dock	800mL	800mL	-	-	800mL	800mL	-	1.7-2.5L	Spray at rosette stage to kill top growth only.
Fat Hen	-	-	-	410-800 mL	-	-	-	-	
Flatweed	-	-	-	800mL	-	-	-	2.5-3.3L	
Fumitory (red)	-	800mL	-	800mL	-	-	-	2.5-3.3L	Spray up to rosette stage.
Fumitory (white)	800mL	410mL	-	800mL	-	-	-	2.5-3.3L	Spray up to rosette stage.
Galvanised Burr	-	-	-	-	-	-	4.7L	4.7L (NOT Qld & WA)	Spray from seedling to pre-flowering.
Goosefoots	-	-	-	800mL	-	-	-	-	
Hard Head or Russian Knapweed	-	-	-	-	-	-	3.3-5.2 L	-	Spray before flowering.
Hogweed, Wireweed	800mL	800mL	-	800mL	800mL	-	-	1.15-1.7L (NOT SA)	Spray up to rosette stage.
Hoary Cress, Whiteweed	-	800mL	800mL	800mL	-	-	1.7-3.3 L	1.7-2.1L	Spray from late rosette to pre-flowering.
Horehound (seedlings)	-	800mL	-	-	-	840mL	-	1.7-3.3L	Late Autumn to early Spring.
Ironweed, Corn Gromwell	-	-	-	800mL	-	-	-	1.15-1.7L	
Khaki Weed	-	-	-	-	-	-	-	800mL-1.15 L (NOT SA)	Spray young seedlings only.
Lincoln Weed	-	800mL	-	-	-	-	-	-	Autumn spray before sowing improves control.
London Rocket	-	-	-	-	-	570mL	-	1.6-2.5L (WA only)	
Lupins	800mL	-	-	410-800 mL	-	-	-	-	Spray up to rosette stage.
Melilotus/ Hexham Scent	800mL	800mL	-	-	800mL	-	-	1.15-1.7L	Spray up to rosette stage.
Melons - camel, paddy	-	-	-	410-800 mL	-	-	-	-	
Mustards	300mL	230-800mL	800mL	410-800 mL	620mL	620mL	3.3L	1.7-2.5L	Spray up to rosette stage.
Mexican Poppy	-	2.3-3.5L	-	800mL	-	840mL	-	800mL-1.5L (1.15-1.5L WA only)	Spray rosette stage and before flowering.

Mintweed	-	-	-	800mL	620mL	-	-	800mL-1.15 L	Spray active seedlings only.
Muskweed	800mL	-	-	-	-	-	-	-	Spray up to rosette stage.
New Zealand Spinach	-	-	-	800mL	-	-	-	-	
Noogoora Burr	-	-	-	800mL	-	-	1.7-3.3 L	1.7-3.3L	Spray seedling to pre-flowering.
Nut Grass	-	-	-	-	-	-	3.3-5.2 L	-	Spray within 4 weeks of foliage emergence, repeat spray necessary.
Paterson's Curse	-	-	-	800mL	-	840mL	1.7-3.3 L	800mL-1.7L (1.15-1.5L WA only)	Spray seedling to rosette stage.
Poppy Wild	410mL	-	-	-	-	-	-	2.1-2.9L	Spray up to rosette stage.
Ragwort	-	-	-	-	-	-	3.3L	3.3L	Spray at rosette to cabbage stage.
Rapeseed	800mL	-	-	410-800 mL	-	-	-	-	Spray up to rosette stage.
Rapistrum	-	-	-	-	-	570mL	-	840mL (WA only)	
Rough Poppy	-	410mL	-	410-800 mL	-	-	-	800mL	Spray young seedlings only.
St John's Wort	-	-	-	-	-	-	3.3-5.2 L	3.3-4.7L	Spray before flowering. Spray before plants are 40cm high.
Safflower	-	-	-	410-800 mL	-	-	-	-	
Sand Mustard/ Sand Rocket	-	-	-	-	-	-	3.3L	-	Spray before flowering.
Shepherd's Purse	-	-	-	800mL	-	-	-	-	
Silver Leaf Nightshade	-	-	-	-	-	-	3.3L	-	Spray at flowering. Fallowland: controls top growth only.
Skeleton Weed	-	800mL	-	800mL	-	-	3.3L	1.15-1.7L	Spray rosettes before aerial growth commences.
Stingless Nettle (Deadnettle)	-	800mL	800mL	-	-	-	-	2.1-2.5L	
Stinging Nettle	800mL	-	-	-	-	-			Spray up to rosette stage.

Stinkwort	-	-	-	800mL	-	-	1.7-3.3 L	1.7-3.3L	Spray younger plants. Use higher rate as plants mature.
Storksbill/ Erodium	-	-	-	800mL	-	-	-	-	
Sunflower Seedlings	800mL	-	-	410-800 mL	620mL	-	-	-	Spray multiple leaves.
Thistles:- Golden	-	-	-	-	-	-	3.3L	3.3L	Spray at rosette stage.
Nodding	-	-	-	-	-	-	3.3L	1.15-1.7L	Spray rosette stage to pre-flowering
Saffron	620mL	800mL	-	410-800 mL	800mL	800mL	800mL -1.7L	800mL-2.5L	Spray up to rosette stage.
Sheep	-	-	-	-	-	840mL	-	840mL-3.3L (WA only)	
Slender, Shore	-	-	800mL	800mL	-	-	1.7-3.3 L	800mL-3.3L	Spray at rosette stage.
Soldier	-	-	-	-	-	-	3.3L	-	Spray at rosette stage.
Spear	800mL	-	800mL	-	-	-	800mL-2.5L	1.15-2.1L	Spray at seedling to rosette stage. Use higher rate as plants mature (pastures).
Stemless	-	-	-	-	-	-	3.3L	2.5-3.3L	Spray rosette stage to flowering.
St Barnaby's	-	-	-	-	-	-	-	1.15-1.7L	
Star	-	-	-	800mL	-	-	-	1.15-1.7L	Spray seedling to rosette stage. Use higher rate as plants mature.
Variegated	-	-	800mL	410-800 mL	620mL	-	800mL-2.5L	800mL-3.3L	Spray at rosette stage. Can cause stock poisoning.
Thornapple	-	3.5L	-	410-800 mL	-	-	3.3L	800mL-1.7L	Spray at seedling stage.
Tree Hogweed	800mL	-	-	-	-	-	-	-	Spray up to rosette stage.
Turnip Weed	-	410mL	-	410-800 mL	410mL	620mL	-	800mL	Spray seedlings only.
Vetches/Tares	800mL	620mL	800mL	-	-	-	-	-	Spray at seedling stage.
Wards Weed	-	410mL	-	-	-	-	-	-	
Wild Cabbage	800mL	-	-	-	-	-	-	-	Spray up to rosette stage.
Wild Garlic	-	-	-	-	-	-	6.6L	-	Suppresses aerial growth only.
Wild Mignonette	-	-	-	-	-	840mL	3.3L	-	Spray at rosette stage.

Wild Mustard	-	-	-	-	-	570mL	-	1.6-2.5L (WA only)	
Wild Radish	800mL	800mL	800mL	410-800 mL	800mL	570mL	-	800mL (840mL WA only)	Spray up to rosette stage.
Wild Sage	-	-	-	-	-	-	-	2.5-3.3L	
Wild Teasel	-	-	-	-	-	-	1.7-3.3 L	-	Spray at rosette stage. Use higher rate as plants mature.
Wild Turnip	210mL	230mL	800mL	410-800 mL	-	400mL		800mL (840mL WA only)	Spray up to rosette stage.

Plant Back Days for TRIO 2,4-D LV ESTER 680 HERBICIDE

Crop / Rates			
	Up to 510 mL/ha	510mL-1L/ha	1.0-1.6L/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
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

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

NOTES:
 % 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 730mL/ha or less of **TRIO 2,4-D LV ESTER 680 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.

OTHER LIMITATIONS:

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

WITHHOLDING PERIOD (WHP):

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

CROP HARVEST WITHHOLDING 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

This product may be used in either high or low volume sprays. Just pour into water and stir.

BOOM SPRAYING - Use 30-100 litres water per hectare.

AERIAL SPRAYING - Use 20-90 litres water per hectare.

NOTE: Refer to the Department of Agriculture/ Primary Industries in your state for the current restricted spraying areas.

SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT

Checklist:

- Have you cleaned/decontaminated your boom sprayer?
- Have you contacted your neighbour prior to spraying?
- Is your sprayer set-up correctly for the particular application?
- Check - boom calibration - at nozzle - nozzle choice - low drift/what spray quality - very coarse droplet?
 - boom height
 - speed of intended application
- You must check, determine and record the weather conditions immediately prior to, and immediately after the spray application is made.
- Record
 - Temperatures
 - Relative Humidity
 - Delta T
 - Wind speed (min 3km/hr, max 20km/hr)
 - Is there a temperature inversion?
- Night Spraying - Extra care is required to ensure that inversion conditions are not present. Use smoke generator to determine wind direction and presence of inversion conditions.

EQUIPMENT MAINTENANCE AND USAGE

Keep the spray unit for herbicides only if possible. Otherwise wash out the unit with hot soapy water followed by several clear water rinses. DO NOT use wooden spray vats as they cannot be cleaned. Hoses cannot be cleaned and new hoses should be fitted when the unit is to be used for any other purpose.

COMPATIBILITY

This product can be tank mixed with Dicamba 500SC, Chlorsulfuron 750WG Herbicide, Trio Paraquat 250 Herbicide, 740 g/kg 2,2 dichloropropionic acid, Trio Atrazine (900DF & Flowable), all of Trio Glyphosate products, Trio Metsulfuron 600 WG Herbicide, Trio Triasulfuron 750 WG Herbicide, Trio Paraquat/Diquat 250 SL Herbicide, Trio Triclopyr 600 Herbicide, Trio Fluroxypyr 200 EC Herbicide.

TANK MIXING INSTRUCTIONS

- Fill the spray tank $\frac{1}{4}$ full with water and agitate.
- Add wettable powders and water dispersible granules first.
- Agitate until these are uniformly dispersed, while adding water until the tank is 90% full.
- Add suspension concentrates (flowables) then soluble concentrates. Add emulsifiable concentrates last.

- Top up the tank with water and continue agitation until all the ingredients are properly mixed.
- Observe any mixing sequence instructions specifically stated on the tank mix products.
- If tank mixture is left overnight, agitate thoroughly prior and during application.

RESISTANT WEEDS WARNING

GROUP	4	HERBICIDE
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TRIO 2,4-D LV ESTER 680 HERBICIDE is a member of the PHENOXY Group of herbicides. The product has the disruptors of plant cell growth mode of action.

For weed resistance management TRIO 2,4-D LV ESTER 680 HERBICIDE is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to TRIO 2,4-D LV ESTER 680 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 TRIO 2,4-D LV ESTER 680 HERBICIDE or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CTS Chemicals Pty Ltd accepts no liability for any losses that may result from the failure of TRIO 2,4-D LV ESTER 680 HERBICIDE to control resistant weeds.

PRECAUTIONS:

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 must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER 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.

INTEGRATED PEST MANAGEMENT

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

STORAGE AND DISPOSAL

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

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 500 mm 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.

Refillable Containers

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

Envirodrum Returnable Container

Store the original sealed Envirodrum in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any other foreign matter. After each use of the product

please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of CTS Chemicals Pty Ltd.

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.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with the eyes and skin.

When opening the container and preparing spray or using undiluted concentrate, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves, goggles and half face piece respirator with organic vapour/gas cartridge or canister.

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 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 INSTRUCTIONS

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

CTS Chemicals Pty. Ltd. makes no warranty or guarantee and will not accept any responsibilities whatsoever and howsoever arising and whether for consequential, special or indirect loss or otherwise in connection with the supply, storage or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatory imposed by Statutes applicable to the sale or supply of these goods. Always read the product labels on the container for all instructions, recommendations, critical comments and conditions of sale.

Additional information required under the Globally Harmonised System (GHS) classification of the substance/mixture:

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and soap. Take off all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. Store locked up. Dispose of contents/container to an approved waste disposal plant.