

**STORAGE AND DISPOSAL**

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

**All other non-refillable containers**

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal 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 and product. **DO NOT** re-use empty container for any other purpose.

**Envirodrum - Micro Matic Valve (110L)**

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.

**Refillable containers (1000L only)**

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

**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 facepiece 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**

If poisoning occurs, contact a Doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*).

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://www.imtrade.com.au)

**CONDITIONS OF SALE**

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of Imtrade LV Ester 680 Herbicide being beyond the control of the manufacturer, Imtrade Australia 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 Imtrade'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 Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

**POISON**

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

IMTRADE

**LV ESTER 680**

HERBICIDE

ACTIVE CONSTITUENT: 680 g/L 2,4-D present as the ETHYL HEXYL ESTER

**GROUP 4 HERBICIDE**

For selective control of weeds in crops and pastures where a low volatile ester is required as specified in 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.

**IMPORTANT: Read the attached Leaflet before use.****GROUP  
4****FORM  
EC****CONTENTS  
5L-1000L**

<b>UN 3082</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2,4-D ESTER)
	In a Transport Emergency Dial 000 Police or Fire Brigade
PG III	HAZCHEM ●3Z

APVMA Approval No: 64387/127869



Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

# **POISON**

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



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TOMATOES, OILSEED CROPS AND ORNAMENTALS.**

**IMPORTANT: READ THIS LEAFLET THOROUGHLY  
BEFORE OPENING OR USING THIS PRODUCT**

**APVMA Approval No: 64387/127869**

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ABN 13 090 151 134  
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Web: [www.imtrade.com.au](http://www.imtrade.com.au)

## RESTRAINTS

### GENERAL RESTRAINTS

- **DO NOT** exceed maximum application rate of 6.6L/ha (4500 g ae/ha).
- **DO NOT** exceed the maximum daily application rate by backpack spraying of 5.9L/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 weeds or crop are stressed due to dry or excessively moist conditions.
- **DO NOT** spray crops or weeds outside the stages indicated in the Critical Comments as damage, loss of yield or inadequate weed control may result.

### 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](http://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 **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:
  - o Spray droplets are not smaller than a **VERY COARSE spray droplet size category**.
  - o 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 meters)				
		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 1.7L (1150 g ae/ha)	0.5m or lower		30		35	
	1.0m or lower		60		100	
Up to 2.4L (1620 g ae/ha)	0.5m or lower		30		25	
	1.0m or lower		80		140	
Up to 4.7L (3180 g ae/ha)	0.5m or lower		50		100	
	1.0m or lower		160		375	
Up to 6.6L (4500 g ae/ha)	0.5m or lower		75		150	
	1.0m or lower		Not Supported		Not Supported	

## AIRCRAFT

- **DO NOT** apply by aircraft unless the following requirements are met:
  - o Spray droplets are no smaller than a **VERY COARSE spray droplet size category**.
  - o For maximum release heights above the target canopy of 3m or 25% or wingspan or 25% 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)	Boom Height above target canopy	Mandatory buffer zones (distances given in meters)				
		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 1.7L (1150 g ae/ha)	Fixed Wing		190		300	
	Helicopter		130		190	
Up to 2.4L (1620 g ae/ha)	Fixed Wing		240		400	
	Helicopter		160		240	
Up to 4.7L (3180 g ae/ha)	Fixed Wing		Not Supported		Not Supported	
	Helicopter		275		400	
Up to 6.6L (4500 g ae/ha)	Fixed Wing		Not Supported		Not Supported	
	Helicopter		350		625	

Additional USAGE restrictions apply in some crops, states and seasons, see Restriction Tables 1, 2, 3 and 4 below:

**Table 1: Timing restrictions for spraying Peanuts**

Situation	Rate (L/ha)	Region	Timing Restriction
			<b>DO NOT APPLY DURING THE MONTHS</b>
<b>Broadcast spraying, prior to sowing (peanuts)</b>	Up to 1.3	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 1.6	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		<b>Use not supported</b>	
<b>Band spraying, post-sowing pre-emergence (peanuts)</b>	Up to 1.6	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
<b>Band spraying, post-sowing pre-emergence (peanuts)</b>	Up to 3.3	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	<b>Use not supported</b>

**Table 2: Application and timing restrictions for application to Pastures**

<b>DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST</b>					
	<b>State</b>	<b>Summer</b>	<b>Autumn</b>	<b>Winter</b>	<b>Spring</b>
Pastures (prior to sowing, conservation tillage)	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
	<b>State</b>	<b>Summer</b>	<b>Autumn</b>	<b>Winter</b>	<b>Spring</b>
Pastures (established)	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**

<b>Rate (L/ha)</b>	<b>Region</b>	<b>Timing Restriction</b>
<b>DO NOT APPLY DURING THE MONTHS</b>		
Up to 1.2	All	No timing restriction
Up to 2.4	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: Risk mitigation measures for Dryland cropping, pre-emergent uses**

<b>Situation</b>	<b>Risk mitigation measures</b>
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

### 1. FIELD CROPS

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Wheat, Barley	Refer to Weed Table	Vic only	210–800 mL	<p><b>CROP STAGES: ALL CEREALS</b> Variations between varieties do occur. Check sensitivity and growth stages of varieties before applying. Damage may result if applied too early.</p> <p><b>Vic only:</b> Apply at tillered to boot stages.</p> <p><b>NSW only:</b> 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><b>Qld only:</b> 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><b>SA, Tas only:</b> Apply from completion of tillering to early jointing stage.</p> <p><b>WA only:</b> 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	230–800 mL	
		Qld, NSW, ACT only	410–800 mL	
		Tas only	620–800 mL	
		WA only	800 mL	
Triticale		Qld, NSW, ACT only	410–800 mL	
		SA only	240–820 mL	
		Vic only	210–800 mL	
Cereal Rye		NSW, ACT, Qld only	410–800 mL	
		Vic only	210–800 mL	
Sugarcane		Qld, NSW only	1.15-2.4L	<p>Post-emergence.</p> <p><b>USAGE RESTRICTIONS APPLY:</b> See TABLE 3: Timing restrictions for spraying Sugarcane under RESTRAINTS.</p>
Stubble/Fallow Spray Prior to Direct Drilling or Sowing. Winter Cereals, Grain Legumes (Peanuts Qld only), Canola		All States	210-795 mL	<p>Observe the plant back periods given in the table in this leaflet. Must be tank mixed with a knockdown herbicide such as Glyphoste 450g/L, Paraquat 250g/L Herbicide or a Paraquat/Diquat Herbicide. Select appropriate rate from the weed table.</p> <p>For Skeleton Weed, spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.</p> <p><b>USAGE RESTRICTIONS APPLY:</b> See TABLE 1: Timing restrictions for spraying Peanuts and TABLE 4: Risk mitigation measures for Dryland cropping, pre-emergent uses under RESTRAINTS.</p>

## 1. FIELD CROPS (Cont'd)

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
<b>Harvest Aid or Salvage Spray - Winter Cereals</b>	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. <b>N.B.</b> 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 maturing. <b>DO NOT</b> use with undersown legumes that have not set seed.
<b>Potatoes Pre-harvest Preparation</b>	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 100L of spray mixture per hectare. If grasses such as Ryegrass and Winter Grass are present add Amitrole 250g/L.

## 2. PASTURES, NON-AGRICULTURAL, INDUSTRIAL

REFER TO SECTION 'SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT' BEFORE APPLICATION.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
				<b>USAGE RESTRICTIONS APPLY:</b> See TABLE 2: Application and timing restrictions for application to Pastures under RESTRAINTS.
<b>Improved Pasture containing Clovers</b>	Refer to Weed Table	NSW, ACT, Tas, SA, Qld only	410–800 mL	Clover must be well covered by the grass or extensive damage may result.
<b>Pastures – non legumes, Rights of Way &amp; Industrial</b>		NSW, Tas, SA, WA, Qld only	800 mL-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	800 mL-6.5L	Boom spraying.	
70-620 mL		Spot spraying.		



## 2. PASTURES, NON-AGRICULTURAL, INDUSTRIAL (Cont'd)

REFER TO SECTION 'SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT' BEFORE APPLICATION.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
				<b>USAGE RESTRICTIONS APPLY:</b> See TABLE 2: Application and timing restrictions for application to Pastures under RESTRAINTS.
<b>Pastures – Direct Drilling or Surface Sowing</b>	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	800 mL-1.5L (Aerial Application)	Apply to young, actively growing weeds. <b>SOWING: DO NOT</b> 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		800 mL-1.15L (Ground Application)	
	St John's Wort		3.3-4.7L (Aerial or Ground)	
	All of Above plus grasses		As above plus 2,2-DPA or Glyphosate	

### 3. SPOT SPRAYING

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Spot Spraying (All Situations)	Refer to Weed Table	All States	1/100 <sup>th</sup> of rate on Weed Table to 10L of water	Each 10L of mix will cover 100m <sup>2</sup> (1/100 <sup>th</sup> ha) e.g. if rate in Weed table is 1.4L use 14 mL/10L water. 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.**

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

**WITHHOLDING PERIOD:**

**PASTURES, 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.**

**WEED TABLE:**

**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 may only be suppressed e.g. *Rumex* spp. (docks) and *Polygonum* spp. (Wireweed, Climbing Buckwheat) are killed to ground level only.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Qld	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
Amaranthus spp.	–	–	–	800mL	–	–	–	–	
Angled Onion	–	–	–	–	–	–	3.25L	800mL-1.7L	Spray when buds forming or early flowering.
Apple of Sodom	–	–	–	–	–	–	–	2.9-3.25L	
Bathurst Burr	–	–	–	800mL	–	–	1.7-3.25L	1.7-3.25L	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Black Knapweed	–	–	–	–	–	–	3.25L	–	Spray before flowering. <b>DO NOT</b> cultivate these infestations.
Buffalo Burr	–	–	–	–	–	–	800mL-1.15L (Not Qld & WA)	–	Spray from seedling to pre-flowering. Use higher rate as plant matures.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Vic	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
<b>California Burr</b>	-	-	-	800mL	-	-	1.7-3.25L	1.15-1.7L (Not SA)	Spray from seedling to pre-flowering. Use higher rate as plant matures.
<b>Caltrop</b>	-	-	-	620-800mL	-	-	1.7-3.25L	-	Spray from seedling to pre-flowering. Use higher rate as plant matures.
<b>Cape Tulip</b>	-	-	-	-	-	1.15L	3.25L	1.7-3.25L	Spray before flowering.
<b>Capeweed</b>	800mL	800mL	800mL	550-800mL	-	-	-	2.5-3.25L	Spray up to rosette stage.
<b>Charlock</b>	405mL	405mL	800mL	405mL	-	-	-	800mL	Spray up to rosette stage.
<b>Clover</b>	-	-	-	620-800mL	-	-	-	800mL	
<b>Colocynth</b>	-	-	-	-	-	-	3.25L	-	Spray at seedling stage only.
<b>Deadnettle</b>	-	-	-	800mL	-	-	-	-	
<b>Devil's Claw</b>	-	-	-	800mL	-	-	1.35L	1.15-1.7L (Not SA)	Spray prior to pods forming.
<b>Dock</b>	800mL	800mL	-	-	800mL	800mL	-	1.7-2.5L	Spray at rosette stage to kill top growth only.
<b>Fat Hen</b>	-	-	-	405-800mL	-	-	-	-	
<b>Flatweed</b>	-	-	-	800mL	-	-	-	2.5-3.25L	
<b>Fumitory (red)</b>	-	800mL	-	800mL	-	-	-	2.5-3.25L	Spray at rosette stage to kill top growth only.
<b>Fumitory (white)</b>	800mL	405mL	-	800mL	-	-	-	2.5-3.25L	Spray at rosette stage to kill top growth only.
<b>Galvanised Burr</b>	-	-	-	-	-	-	4.7L	4.7L (Not Qld & WA)	Spray from seedling to pre-flowering.
<b>Goosefoots</b>	-	-	-	800mL	-	-	-	-	
<b>Hard Head or Russian Knapweed</b>	-	-	-	-	-	-	3.25-5.2L	-	Spray before flowering.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Vic	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
Hogweed, Wireweed	800mL	800mL	–	800mL	800mL	–	–	1.15-1.7L (Not SA)	Spray up to rosette stage.
Hoary Cress, Whiteweed	–	800mL	800mL	800mL	–	–	1.7-3.25L	1.7-2.15L	Spray from late rosette to pre-flowering.
Horehound (seedlings)	–	800mL	–	–	–	840mL	1.7-3.25L	1.7-3.25L	Late Autumn to early Spring.
Ironweed, Corn Gromwell	–	–	–	800mL	–	–	–	1.15-1.7L	
Khaki Weed	–	–	–	–	–	–	–	800mL-1.15L (Not SA)	Spray young seedlings only.
Lincoln Weed	–	800mL	–	–	–	–	–	–	Autumn spray before sowing improves control.
London Rocket	–	–	–	–	–	575mL	–	1.6-2.5L (WA only)	
Lupins	800mL	–	–	405-800mL	–	–	–	–	Spray up to rosette stage.
Melilotus/ Hexham Scent	800mL	800mL	–	–	800mL	–	–	1.15-1.7L	Spray up to rosette stage.
Melons – camel, paddy	–	–	–	405-800mL	–	–	–	–	
Mustards	325mL	230-800mL	800mL	405-800mL	620mL	620mL	3.25L	1.7-2.5L	Spray up to rosette stage.
Mexican Poppy	–	2.3-3.55L	–	800mL	–	840mL	3.25L	800mL-1.15L (1.15-1.5L WA only)	Spray rosette stage and before flowering.
Mintweed	–	–	–	800mL	620mL	–	–	800mL-1.15L	Spray active seedlings only.
Muskweed	800mL	–	–	–	–	–	–	–	Spray up to rosette stage.
New Zealand Spinach	–	–	–	800mL	–	–	–	–	
Noogoora Burr	–	–	–	800mL	–	–	1.7-3.25L	1.7-3.25L	Spray seedling to pre-flowering.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Vic	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
Nut Grass	-	-	-	-	-	-	3.25-5.2L	-	Spray within 4 weeks of foliage emergence, repeat spray as necessary.
Paterson's Curse	-	-	-	800mL	-	840mL	1.7-3.25L	800mL-1.7L (1.15-1.5L WA only)	Spray seedling to rosette stage.
Poppy Wild	405mL	-	-	-	-	-	-	2.15-2.9L	Spray up to rosette stage.
Ragwort	-	-	-	-	-	-	3.25L	3.25L	Spray at rosette to cabbage stage.
Rapeseed	800mL	-	-	405-800mL	-	-	-	-	Spray up to rosette stage.
Rapistrum	-	-	-	-	-	575mL	-	840mL (WA only)	
Rough Poppy	-	405mL	-	405-800mL	-	-	-	800mL	Spray young seedlings only.
St John's Wort	-	-	-	-	-	-	3.25-5.2L	3.25-4.7L	Spray before flowering. Spray before plants are 40cm high.
Safflower	-	-	-	405-800mL	-	-	-	-	
Sand Mustard/ Sand Rocket	-	-	-	-	-	-	3.25L	-	Spray before flowering.
Shepherd's Purse	-	-	-	800mL	-	-	-	-	
Silver Leaf Nightshade	-	-	-	-	-	-	3.25L	-	Spray at flowering. Fallowland: controls top growth only.
Skeleton Weed	-	800mL	-	800mL	-	-	3.25L	1.15-1.7L	Spray rosettes before aerial growth commences.
Stingless Nettle (Deadnettle)	-	800mL	800mL	-	-	-	-	2.15-2.5L	
Stinging Nettle	800mL	-	-	-	-	-	-	-	Spray up to rosette stage.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Vic	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
Stinkwort	-	-	-	800mL	-	-	1.7-3.25L	1.7-3.25L	Spray younger plants. Use higher rate as plants mature.
Storksbill/ Erodium	-	-	-	800mL	-	-	-	-	
Sunflower Seedlings	800mL	-	-	405-800mL	620mL	-	-	-	Spray multiple leaves.
Thistles: - Golden	-	-	-	-	-	-	3.25L	3.25L	Spray at rosette stage.
- Nodding	-	-	-	-	-	-	3.7L	1.15-1.7L	Spray rosette stage to pre-flowering.
- Safron	620mL	800mL	-	405-800mL	800mL	800mL	800mL-1.7L	800mL-2.5L	Spray up to rosette stage.
- Sheep	-	-	-	-	-	840mL	-	840mL-3.25L (WA only)	
- Slender, Shore	-	-	800mL	800mL	-	-	1.7-3.25L	800mL-3.25L	Spray at rosette stage.
- Soldier	-	-	-	-	-	-	3.25L	-	Spray at rosette stage.
- Spear	800mL	-	800mL	-	-	-	800mL-2.5L	1.15-2.15L	Spray at seedling to rosette stage. Use higher rate as plants mature (pastures).
- Stemless	-	-	-	-	-	-	3.25L	2.5-3.25L	Spray rosette stage to flowering.
- St Barnaby's	-	-	-	-	-	-	-	1.15-1.7L	
- Star	-	-	-	800mL	-	-	1.7-3.25L	1.15-1.7L	Spray seedling to rosette stage. Use higher rate as plants mature.
- Variegated	-	-	800mL	405-800mL	620mL	-	800mL-2.5L	800mL-3.25L	Spray at rosette stage. Can cause stock poisoning.
Thornapple	-	3.5L	-	405-800mL	-	-	3.25L	800mL-1.7L	Spray at seedling stage.
Tree Hogweed	800mL	-	-	-	-	-	-	-	Spray up to rosette stage.

WEEDS CONTROLLED	STATE						PASTURES – NON LEGUMES		
	Vic	SA	Tas	NSW	Qld	WA	Vic	NSW, ACT, Tas, SA, Qld, WA only	Critical Comments
<b>Turnip Weed</b>	–	405mL	–	405-800mL	405mL	620mL	–	800mL	Spray seedlings only.
<b>Vetches/ Tares</b>	800mL	620mL	800mL	–	–	–	–	–	
<b>Wards Weed</b>	–	405mL	–	–	–	–	–	–	Spray at seedling stage.
<b>Wild Cabbage</b>	800mL	–	–	–	–	–	–	–	Spray up to rosette stage.
<b>Wild Garlic</b>	–	–	–	–	–	–	6.5L	–	Suppresses aerial growth only.
<b>Wild Mignonette</b>	–	–	–	–	–	840mL	3.25L	–	Spray at rosette stage.
<b>Wild Mustard</b>	–	–	–	–	–	575mL	–	1.6-2.5L (WA only)	
<b>Wild Radish</b>	800mL	800mL	800mL	405-800mL	800mL	575mL	–	800mL (840mL WA only)	Spray up to rosette stage.
<b>Wild Sage</b>	–	–	–	–	–	–	–	2.5-3.25L	
<b>Wild Teasel</b>	–	–	–	–	–	–	1.7-3.25L	–	Spray at rosette stage. Use higher rate as plants mature.
<b>Wild Turnip</b>	210mL	230mL	800mL	405-800mL	–	400mL	–	800mL (840mL WA only)	Spray up to rosette stage.

## Plant back days for Imtrade LV Ester 680 Herbicide

Crop	Rates		
	Up to 510 mL/ha	510 mL – 1L/ha	1 – 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
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 730 mL/ha or less of Imtrade 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.



## GENERAL INSTRUCTIONS

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

## APPLICATION INFORMATION

This product may be used with High or Low Volume Boom sprays, or aircraft. It mixes readily with water.

**BOOM SPRAYING:** Use 30-100L water/hectare.

**AERIAL SPRAYING:** Use 10-90L water/hectare.

**NOTE:** Refer to the Department of Agriculture/Primary Industries in your state for the current restricted spraying areas. The Department of Agriculture in Western Australia does NOT permit aerial spraying of this chemical in the following areas:

1. Within 19 Kilometres of Geraldton.
2. The Swan Vineyard area.
3. The Ord River Irrigation area.

No restrictions apply outside these areas and outside 5 kilometres of commercial tomatoes and vineyard crops.

## EQUIPMENT MAINTAINENCE 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. For further information refer to the Storage and Disposal section of this label.

## COMPATIBILITY

This product can be tank mixed with Banvel®, ChemAg Chlorsulfuron 500, ChemAg Paraquat 250, Propon®, Atrazine, Imtrade Spraykill 250 Herbicide and Glyphosate.

## RESISTANT WEEDS WARNING

**GROUP 4 HERBICIDE**

Imtrade LV Ester 680 Herbicide is a member of the Phenoxy group of herbicides. Imtrade LV Ester 680 Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management Imtrade LV Ester 680 Herbicide is a Group 4 Herbicide. Some naturally occurring weed biotypes resistant to Imtrade LV Ester 680 Herbicide and other disruptors of plant cell growth 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 Imtrade LV Ester 680 Herbicide or other Group 4 Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd. accepts no liability for any losses that may result from the failure of Imtrade LV Ester 680 Herbicide to control resistant weeds.

## **PRECAUTIONS**

### **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 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**

**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.**

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

#### ***All other non-refillable containers***

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal 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 and product. **DO NOT** re-use empty container for any other purpose.

#### **Envirodrum - Micro Matic Valve (110L)**

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.

#### **Refillable containers (1000L only)**

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

## 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 facepiece 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

If poisoning occurs, contact a Doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*).

### Additional GHS Hazard & Precautionary Statements

- May cause an allergic skin reaction;
- Very toxic to aquatic life with long-lasting effects;
- Avoid breathing fumes, mists, vapours or spray;
- DO NOT** get on clothing;
- DO NOT** eat, drink or smoke when using this product;
- Contaminated work clothing should not be allowed out of the workplace;
- Avoid release to the environment;
- IF SWALLOWED:** Call a POISON CENTRE or doctor if you feel unwell;
- IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- IF ON SKIN:** Wash with plenty of soap and water;
- If skin irritation or rash occurs: Get medical advice;
- Not combustible. Use extinguishing media suited to burning materials;
- Store in a dry place.

## SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://www.imtrade.com.au)

## CONDITIONS OF SALE

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of Imtrade LV Ester 680 Herbicide being beyond the control of the manufacturer, Imtrade Australia 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 Imtrade'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 Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

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ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.  
(contains 2,4-D ESTER)

In a Transport Emergency

**Dial 000**

Police or Fire Brigade

PG III

HAZCHEM •3Z



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