

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

CropSure

Esstane LV 680

Herbicide

ACTIVE CONSTITUENT: 680g/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.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING THIS PRODUCT

Contents: 20L - 1000L

CropSure Pty Ltd
18 Raymond Road
Laverton North
Victoria 3026
ABN: 17 643 829 190
ACN: 643 829 190
Phone: 03 9931 2200
www.cropsure.com

GENERAL INSTRUCTIONS

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

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 for appropriate disposal 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 110L Mini Bulk 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 CropSure 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 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 131126, New Zealand 0800 764 766.

SAFETY DATA SHEET (SDS)

Additional information is listed in the Safety Data Sheet (SDS), which is available from the supplier.

CONDITIONS OF SALE

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

**IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

**24HR Emergency Response:
AU +61 1800 951 288
NZ +64 800 700 112**

APVMA APPROVAL NO: 91506/132460

BATCH NO:

DATE OF MANUFACTURE:

Harmful if swallowed. 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 in eyes, on skin, or on clothing. Wash contacted areas thoroughly after handling. 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. Wear protective gloves, protective clothing and eye or face protection. Wash contaminated clothing before reuse. 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. In case of fire: Use carbon dioxide, dry chemical, foam, to extinguish. Store locked up. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

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DIRECTIONS FOR USE: RESTRAINTS:

GENERAL RESTRAINTS

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. 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, and 4.

Timing and Usage Restriction

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 1.3 L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	September to December
		Mary/Burnett	October to November
		SE Queensland	August to May
	Up to 1.6 L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	August to December
		Mary/Burnett	September to November
		SE Queensland	Use not supported
Band spraying, post-sowing pre-emergence (peanuts)	Up to 1.6 L/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 and January
Broadcast spray, post-sowing pre-emergence (peanuts)	Up to 3.3 L/ha	Queensland dryland	June to August
		Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	October and December
		Burdekin	September to October
		Mackay/Whitsunday	August to December
		Mary/Burnett	April and 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

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

Table 4: 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)

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 or two hours after sunrise.

BOOM SPRAYERS

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets 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 (distance given in metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 820 mL (560 g ae/ha)	0.5m or lower	0 metres	10	0 metres	25	0 metres
	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	

AIRCRAFT

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 (distance 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 metres	120	Not Required	170	0 metres
	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	

1. FIELD CROPS

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments	Usage Restrictions
Wheat, Barley	Refer to Weed Table	Vic only	210-800mL	CROP STAGES: ALL CEREALS Variations between varieties do occur. Check sensitivity and growth stages of varieties before applying. Damage may result if applied too early. Vic only: Apply at tillered to boot stages. 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. 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). SA, Tas only: Apply from completion of tillering to early jointing stage. 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.	
		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		

Stubble/ Fallow Spray Prior to Direct Drilling or Sowing. Winter Cereals, Grain legumes (Peanuts Qld only), Canola		All States	210- 800mL/ha	Observe the plant back periods given in the table in this leaflet. Must be tank mixed with a knockdown herbicide such as glyphosate (for example CropSure Cropmaster 450 Herbicide), paraquat (for example CropSure Parashot 250 Herbicide) or paraquat/diquat (for example CropSure Squadron 250 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 Table 1: Timing restrictions for spraying Peanuts and Table 4: 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.	

2. PASTURES, NON-AGRICULTURAL, INDUSTRIAL

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 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 70-620mL	Boom Spray. 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 2,2-DPA or glyphosate (for example CropSure Cropmaster 450		

			Herbicide), or Weedmaster ¹ Duo		
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3. SPOT SPRAYING

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

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 or those in advanced stages of growth may only be suppressed. e.g., Rumex spp. (docks) and Polygonum spp. (wireweed, climbing buckwheat) are killed to ground level only.

APPLICATION RATE PER HECTARE

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.	-	-	-	800 mL	-	-	-	-	
Angled Onion	-	-	-	-	-	-	3.3 L	0.8 – 1.7 L	Spray when buds forming or early flowering.
Apple of Sodom	-	-	-	-	-	-	-	2.9 – 3.3 L	
Bathurst Burr	-	-	-	800 mL	-	-	1.7 – 3.3 L	1.7 – 3.3 L	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Black Knapweed	-	-	-	-	-	-	3.3 L	-	Spray before flowering. DO NOT cultivate these infestations.
Buffalo Burr	-	-	-	-	-	-	-	800 mL – 1.5 L (Not Qld & WA)	Spray from seedling to pre-flowering. Use higher rate as plant matures.
California Burr	-	-	-	800 mL	-	-	1.7 – 3.3 L	1.15 – 1.7 L (not SA)	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Caltrop	-	-	-	620 – 800 mL	-	-	1.7 – 3.3L	-	Spray from seedling to pre-flowering. Use higher rate as plant matures.
Cape Tulip	-	-	-	-	-	1.15 L	3.3L	1.7 – 3.3 L	Spray before flowering

Capeweed	800 mL	800 mL	800 mL	530 – 800 mL	-	-	-	2.5 – 3.3 L	Spray up to rosette stage.
Charlock	410 mL	410 mL	800 mL	410 mL	-	-	-	800 mL	Spray up to rosette stage.
Clover	-	-	-	620 -800 mL	-	-	-	800 mL	
Colocynth	-	-	-	-	-	-	3.3L	-	Spray at seedling stage only
Deadnettle	-	-	-	800 mL	-	-	-	-	
Devil's Claw	-	-	-	800 mL	-	-	1.3L	1.15 – 1.7L (not SA)	Spray prior to pods forming
Dock	800 mL	800 mL	-	-	800 mL	800 mL	-	1.7 – 2.5L	Spray at rosette stage to kill top growth only
Fat Hen	-	-	-	410 – 800 mL	-	-	-	-	
Flatweed	-	-	-	800 mL	-	-	-	2.5 – 3.3 L	
Fumitory (red)	-	800 mL	-	800 mL	-	-	-	2.5 – 3.3 L	Spray up to rosette stage
Fumitory (white)	800 mL	410 mL	-	800 mL	-	-	-	2.5 – 3.3 L	Spray up to rosette stage
Galvanised Burr	-	-	-	-	-	-	4.7 L	4.7 L (Not Qld & WA)	Spray from seedling to pre-flowering.
Goosefoots	-	-	-	800 mL	-	-	-	-	
Hard Head or Russian Knapweed	-	-	-	-	-	-	3.3 – 5.2 L	-	Spray before flowering.
Hogweed, Wireweed	800 mL	800 mL	-	800 mL	800 mL	-	-	1.15 – 1.7L (Not SA)	Spray up to rosette stage.
Hoary Cress, Whiteweed	-	800 mL	800 mL	800 mL	-	-	1.7 – 3.3 L	1.7 – 2.1L	Spray from late rosette to pre-flowering.
Horehound (seedlings)	-	800 mL	-	-	-	840 mL	-	1.7 – 3.3 L	Late autumn to early spring.
Ironweed, Corn Gromwell	-	-	-	800 mL	-	-	-	1.15 – 1.7L	
Khaki Weed	-	-	-	-	-	-	-	800 mL – 1.15 L (not SA)	Spray young seedlings only

Lincoln Weed	-	800 mL	-	-	-	-	-	-	Autumn spray before sowing improves control
London Rocket	-	-	-	-	-	570 mL	-	1.6 – 2.5 L (WA only)	
Lupins	800 mL	-	-	410 mL-800 mL	-	-	-	-	Spray up to rosette stage
Melilotus/Hexham Scent	800 mL	800 mL	-	-	800 mL	-	-	1.15 – 1.7L	Spray up to rosette stage
Melons – camel, paddy	-	-	-	410 mL – 800 mL	-	-	-	-	
Mustards	300 mL	230 mL – 800 mL	800 mL	410 mL – 800 mL	620 mL	620 mL	3.3 L	1.7 – 2.5 L	Spray up to rosette stage
Mexican Poppy	-	2.3 – 3.5 L	-	800 mL	-	840 mL	-	800 mL – 1.5 L (1.15 – 1.5L WA only)	Spray rosette stage and before flowering.
Mintweed	-	-	-	800 mL	620 mL	-	-	800 mL – 1.15L	Spray active seedlings only
Muskweed	800 mL	-	-	-	-	-	-	-	Spray up to rosette stage
New Zealand Spinach	-	-	-	800 mL	-	-	-	-	
Noogoora Burr	-	-	-	800 mL	-	-	1.7 – 3.3 L	1.7 – 3.3 L	Spray seedlings to pre-flowering
Nut Grass	-	-	-	-	-	-	3.3 – 5.2 L	-	Spray within 4 weeks of foliage emergence, repeat spray when necessary.
Paterson's Curse	-	-	-	800 mL	-	840 mL	1.7 – 3.3 L	800 mL – 1.7 L (1.15 – 1.5 L WA only)	Spray seedling to rosette stage
Poppy Wild	410 mL	-	-	-	-	-	-	2.1 – 2.9 L	Spray up to rosette stage

Ragwort	-	-	-	-	-	-	3.3 L	3.3 L	Spray at rosette to cabbage stage
Rapeseed	800 mL	-	-	410 mL – 800 mL	-	-	-	-	Spray up to rosette stage
Rapistrum	-	-	-	-	-	570 mL	-	840 mL (WA only)	
Rough Poppy	-	410 mL	-	410 mL – 800 mL	-	-	-	800 mL	Spray young seedlings only
St John's Wort	-	-	-	-	-	-	3.3 – 5.2 L	3.3 – 4.7 L	Spray before flowering. Spray before plants are 40cm high.
Safflower	-	-	-	410 mL – 800 mL	-	-	-	-	
Sand Mustard / Sand Rocket	-	-	-	-	-	-	3.3 L	-	Spray before flowering
Shepherd's Purse	-	-	-	800 mL	-	-	-	-	
Silver Leaf Nightshade	-	-	-	-	-	-	3.3 L	-	Spray at flowering. Fallow land: controls top growth only.
Skeleton weed	-	800 mL	-	800 mL	-	-	3.3 L	1.15 – 1.7L	Spray rosettes before aerial growth commence.
Stingless Nettle (Deadnettle)	-	800 mL	800 mL	-	-	-	-	2.1 – 2.5 L	
Stinging Nettle	800 mL	-	-	-	-	-	-	-	Spray up to rosette stage
Stinkwort	-	-	-	800 mL	-	-	1.7 – 3.3 L	1.7 – 3.3 L	Spray younger plants. Use higher rates as plants mature.
Storksbill/Erodium	-	-	-	800 mL	-	-	-	-	
Sunflower seedlings	800 mL	-	-	410 mL – 800 mL	620 mL	-	-	-	Spray multiple leaves

THISTLES									
Golden	-	-	-	-	-	-	3.3 L	3.3 L	Spray at rosette stage
Nodding	-	-	-	-	-	-	3.3 L	1.15 – 1.7L	Spray rosette stage to pre-flowering
Saffron	620 mL	800 mL	-	410 mL – 800 mL	800 mL	800 mL	800 mL – 1.7 L	800 mL – 2.5 L	Spray up to rosette stage
Sheep	-	-	-	-	-	840 mL	-	840 mL – 3.3 L (WA only)	
Slender, Shore	-	-	800 mL	800 mL	-	-	1.7 – 3.3 L	800 mL – 3.3 L	Spray at rosette stage.
Soldier	-	-	-	-	-	-	3.3 L	-	Spray at rosette stage
Spear	800 mL	-	800 mL	-	-	-	800 mL – 2.5 L	1.15 – 2.1 L	Spray at seedling to rosette stage. Use higher rate as plants mature (pastures).
Stemless	-	-	-	-	-	-	3.3 L	2.5 – 3.3 L	Spray rosette stage to flowering.
St Barnaby's	-	-	-	-	-	-	-	1.15 – 1.7L	
Star	-	-	-	800 mL	-	-	-	1.15 – 1.7L	Spray seedling to rosette stage. Use higher rate as plants mature.
Variegated	-	-	800 mL	410 mL – 800 mL	620 mL	-	800 mL – 2.5 L	800 mL – 3.3 L	Spray at rosette stage. Can cause stock poisoning.
Thornapple	-	3.5 L	-	410 mL – 800 mL	-	-	3.3 L	800 mL – 1.7 L	Spray at seedling stage.
Tree Hogweed	800 mL	-	-	-	-	-	-	-	Spray up to rosette stage.
Turnip Weed	-	410 mL	-	410 mL – 800 mL	410 mL	620 mL	-	800 mL	Spray seedlings only
Vetches/Tares	800 mL	620 mL	800 mL	-	-	-	-	-	

Wards Weed	-	410 mL	-	-	-	-	-	-	Spray at seedling stage
Wild Cabbage	800 mL	-	-	-	-	-	-	-	Spray up to rosette stage
Wild Garlic	-	-	-	-	-	-	6.6 L	-	Suppresses aerial growth only.
Wild Mignonette	-	-	-	-	-	840 mL	3.3 L	-	Spray at rosette stage
Wild Mustard	-	-	-	-	-	570 mL	-	1.6 – 2.5 L (WA only)	
Wild Radish	800 mL	800 mL	800 mL	410 mL – 800 mL	800 mL	570 mL	-	800 mL (840 mL WA only)	Spray up to rosette stage.
Wild Sage	-	-	-	-	-	-	-	2.5 – 3.3 L	
Wild Teasel	-	-	-	-	-	-	1.7 – 3.3 L	-	Spray at rosette stage. Use higher rate as plants mature.
Wild Turnip	210 mL	230 mL	800 mL	410 mL – 800 mL	-	400 mL	-	800 mL (840 mL WA only)	Spray up to rosette stage

PLANT BACK DAYS FOR CropSure Esstane LV 680 Herbicide

CROP	RATES		
	Up to 510 mL/ha	510 mL – 1 L/ha	1 – 1.6 L/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 730mL/ha or less of CropSure Esstane LV 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.

WITHHOLDING PERIOD (WHP):

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.

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.

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 500, Chlorsulfuron 750g/kg, CropSure Parashot 250 Herbicide, CropSure Atrazine 900WG Herbicide, 2,2-DPA, Weedmaster¹ Duo, CropSure Cropmaster Herbicide, CropSure Comrade 600WG Herbicide, CropSure Logjam 750WG Herbicide, CropSure Squadron 250 Herbicide, CropSure Garnisha 600EC Herbicide, Fluroxypyr 200.

TANK MIXING INSTRUCTIONS

- Fill the spray tank 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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CropSure Esstane LV 680 Herbicide is a member of the Phenoxy group of herbicides. CropSure Esstane LV 680 Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management CropSure Esstane LV 680 Herbicide is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to CropSure Esstane LV 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 CropSure Esstane LV 680 Herbicide or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CropSure Pty Ltd accepts no liability for any losses that may result from the failure of CropSure Esstane LV 680 Herbicide to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical suppliers, consultant, local Department of Agriculture, or CropSure Pty Ltd.

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 streams, rivers 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.

Legume Tolerance: If clovers are present, care should be taken to ensure that they have reached the 3-4 leaf stage before spraying. Rates above 410 mL of this product per hectare will destroy most clovers, whilst lucerne and medics are susceptible at any strength.

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.

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 for appropriate disposal 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 110L Mini Bulk 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 CropSure 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 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 131126, New Zealand 0800 764 766.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier.

CONDITIONS OF SALE

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

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