

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

CropSure **Fluroxypyr 400 Herbicide**

**ACTIVE CONSTITUENT: 400 g/L FLUROXYPYR
present as the METHYL HEPTYL ESTER**

**SOLVENTS: 100g/L N-METHYL-2-PYRROLIDONE
316 g/L LIQUID HYDROCARBON**

GROUP 4 HERBICIDE

For the control of a wide range of broadleaf Weeds in Fallow, Lucerne, Maize, Millets, Pastures, Poppies, Sorghum, Sugar cane, Sweet corn, Winter Cereals. Also, for the control of Woody Weeds in Agricultural Non-Crop areas, Commercial and Industrial Areas, Forests, Pastures and Rights-of-way, as specified in the Directions for Use.

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

CONTENTS: 1L-200L

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

STORAGE AND DISPOSAL

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

Triple or pressure rinse container 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.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

Refillable containers

Store in the closed, original container in a dry, cool well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

SMALL SPILL MANAGEMENT

Wear protective equipment (See **SAFETY DIRECTIONS**). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see **STORAGE AND DISPOSAL** section).

If necessary, wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. Sensitive workers should use protective clothing. When opening the container and preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. After each day's use, wash gloves and face shield or goggles and contaminated clothing. Wash hands after use.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26, New Zealand 0800 764 766). If swallowed, DO NOT induce vomiting. If in eyes wash out immediately with water.

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.

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: 92589/135974

BATCH NO:

DATE OF MANUFACTURE:

Repeated exposure may cause skin dryness or cracking. May be fatal if swallowed and enters airways. May damage the unborn child. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical advice. In case of fire: Use carbon dioxide, dry chemical, foam, to extinguish. 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

DO NOT apply to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) poor nutrition, presence of disease, or previous herbicide treatment as reduced levels of control may result. Thorough coverage of both foliage and stems, to the point of runoff, is essential for high volume applications (see **GENERAL INSTRUCTIONS**; application methods **WOODY WEED SITUATIONS** section).

DO NOT spray if rain is likely to occur within one hour.

SPRAY DRIFT RESTRAINTS

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.

Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Table 1: Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures.

Table 2: Established Grass Pastures (Ground and Aerial)

Table 3: Sorghum, Maize, Millets and Sweet Corn

Table 4: Winter Cereals (Wheat, Barley, Oats and Triticale)

Table 5: Summer Fallow

Table 6: Winter Fallow

Table 7: Sugar Cane

Table 8: Lucerne (established only)

Table 9: Poppies

Table 1: Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures.

- Legumes present at the time of spraying will be severely damaged.

HIGH VOLUME APPLICATION: Dilute product with water. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/ 100 L water	CRITICAL COMMENTS
Bathurst burr Noogoora burr	Seedlings and young plants up to 40 cm high	NSW, NT, Qld, WA only	38 mL	
Black bindweed (climbing buckwheat)	Seedlings and young plants before flowering	NSW, Qld only	150 mL	
<i>Mimosa pigra</i>	Apply from mid to late summer	NT, WA only		Add Spraying Oil (For example CropSure Takedown Spray Oil) (see General Instructions ; Oils and surfactants).
Common sensitive plant	Seedlings and young plants up to flowering	Qld, WA only	250 m	
Bellyache bush		Qld, NSW, WA only		
Blackberry nightshade Bokhara clover		NSW, Qld only		
Caltrop (yellow vine) (<i>Tribulus terrestris</i>) (<i>T. micrococcus</i>)	Seedlings and young plants up to 30 cm diameter			
Cobblers pegs	Up to 15 cm high			
Cockspur thorn	Up to 3 m high			
Creeping lantana	At flowering			
Crofton weed Mistflower	Seedlings and young plants up to flowering			
Docks (<i>Rumex</i> spp.)	Seedlings and rosettes up to 30 cm high			
Hexham scent	Seedlings and young plants up to flowering			Boom spray: CropSure Fluroxypyr 400 Herbicide at 0.3 L/ha + 0.4 L/ha of 2,4-D amine (625 g/L) (for example CropSure Amigo 625 Herbicide)
Honey locust	Seedlings and young plants up to 2 m high			
Small flowered mallow (Marshmallow) (<i>Malva parviflora</i>)	Seedlings and young plants up to flowering			
Yellowflower Devil's claw	Seedlings and young plants up to flowering			

Table 1: Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures.

HIGH VOLUME APPLICATION: Dilute product with water. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/ 100 L of water	CRITICAL COMMENTS
Lantana	Seedlings and regrowth 0.5 to 1.2 m high	NSW, Qld only	250 mL	Apply to actively growing plants from October to April. Some regrowth may occur particularly when treating old woody plants with sparse canopies.
	Plants and regrowth 1.2 to 2 m high		500 mL	
Blue heliotrope	Flowering			
Limebush	Infestations up to 1.5 m high only			
Madeira vine	Apply at time of active growth		250 mL	
Milkweed (<i>Euphorbia heterophylla</i>)	3 leaf to flowering	Qld only	500 mL	Repeat applications will be necessary to control subsequent germinations.
Common sowthistle	Seedlings and young plants up to bolting	NSW, Qld only	250 mL	Add a surfactant (see GENERAL INSTRUCTIONS ; Oils and surfactants).
Mother-of-millions (<i>Kalanchoe</i> spp.)	Seedling and young plants before flowering		300 mL	
Prickly acacia	Seedling and young plants up to 2 m high	Qld only	375 mL	Add Spraying Oil (For example CropSure Takedown Spray Oil) (see GENERAL INSTRUCTIONS ; Oils and surfactants). Consult Tropical Weeds Research Centre, Charters Towers, for specific advice on application
<i>Sida</i> spp.	Seedling and young plants up to flowering	NSW, NT, Qld, WA	500 mL	
Broadleaf Pepper tree (<i>Schinus terebinthifolius</i>)	Mature leaves, fruiting	Qld only	250 mL	Winter application only. Contact Alan Fletcher Research Station for more information.
Flannel weed (<i>Sida cordifolia</i>)				
Snakeweed (Dark and light blue)	Seedling and young plants before flowering		375 mL	Add Spraying Oil (For example CropSure Takedown Spray Oil) (see GENERAL INSTRUCTIONS ; Oils and surfactants).
Stinking Passion Flower	Established plants and regrowth	Qld, NT, WA	225 mL	Use 70mL/15 L for a knapsack.
Wandering jew (<i>Tradescantia albiflora</i>)	Young plants up to and including flowering	All States	750 mL	Some regrowth will usually occur and will require retreatment.

Wattles (including <i>Acacia aulacocarpa</i> <i>A. decora</i> <i>A. harpophylla</i> <i>A. leiocalyx</i> <i>A. salicina</i>)	Seedling plants or regrowth 0.5 to 1.2 m high	NSW, Qld only	250 mL	Apply to actively growing plants when soil moisture is plentiful. Some regrowth may occur particularly when treating old woody plants with sparse canopies and under dry conditions.
	Plants or regrowth 1.2 to 2.0 m high only		500 mL	

Table 1: Woody Weeds in Agricultural Non-Crop Areas and Rights-of-Way, Commercial and Industrial Areas, Forests and Pastures.

BASAL PARK AND CUT STUMP APPLICATION: Dilute product with diesel. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/100 L of DIESEL	CRITICAL COMMENTS
Celtis (<i>Celtis sinensis</i>)	Basal Bark only: Young plants up to 2 m high and 20 cm basal diameter	Qld only	1.8 L	Treat stems from ground level to where multi-stemmed trunks branch.
Chinee apple	Up to 15 cm basal diameter		1.5 L	With basal bark, treat circumference of stem to a height of 45cm from the ground. Contact the Land Protection Branch, Department of Lands, Qld, for further information on Chinee Apple.
Cockspur thorn	Basal Bark only: Up to 5 cm basal diameter		1 L	
Mimosa bush (<i>Acacia farnesiana</i>)	Up to 5 cm basal diameter	Qld, WA only	1.5 L	
Prickly acacia	Up to 10 cm basal diameter	Qld only	750mL	
Honey locust	Plants up to 10 cm basal diameter	Qld, NSW only	750mL	With basal bark, treat circumference of stem to a height of 45cm from the ground. For cut stump application use a rate of 5L/100L diesel for all plant sizes.
	Plants 10 to 20 cm basal diameter		1.5 L	
	Plants >20cm basal diameter		2.5 L	Contact the Land Protection Branch, Department of Lands, Qld, for further information on Honey Locust.
Sisal hemp (<i>Agave spp.</i>)	All growth stages	Qld only	1.5 L	Treat as an overall spray. Contact The Land Protection Branch, Department of Lands, Qld for advice to control large infestations.
			5 mL undiluted product per plant	Lever out centre of plant with crowbar and immediately treat the exposed cut area
BROADCAST AND AERIAL APPLICATION: Dilute product with water. See General Instructions – Application Method for application details				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/100L water	CRITICAL COMMENTS
<i>Mimosa pigra</i>	Actively growing plants	NT, WA only	1.5L	Aerial application: Add Spraying Oil (For example CropSure Takedown Spray Oil) at the rate of 1 L/100 L spray mix.

				Apply to actively growing plants from mid to late summer. Contact the Department of Primary Industries and Fisheries, NT for further information.
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LOW VOLUME, HIGH CONCENTRATE APPLICATION: Use a drench gun or gas-powered gun.

See General Instructions – Application Method for application details

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE /100L water	CRITICAL COMMENTS
Limebush	Isolated bushes up to 1.2 m high only	NSW, Qld only	500mL	Apply a 50 mL dose per 5m ² of bush surface area.
Tree violet (<i>Hymenanthera dentata</i>)	Apply from late flowering to green fruit up to 1.2 m high	NSW only		Apply a 50 mL dose per cubic metre of bush

Table 2: Established Grass Pastures

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/100L water	CRITICAL COMMENTS
Blue billygoat weed. Common sensitive plant, Giant sensitive plant Spinyhead sida	Apply before flowering	Qld, WA only	750mL	Add Spraying Oil (For example CropSure Takedown Spray Oil) at 1 L/ha
St John's wort	Apply from bud to full bloom (usually late Nov to early Jan)	ACT, NSW and Vic only	1.5L	Some regrowth will occur. Treat regrowth the following season for best results. Use at least 200 L water/ha.
Silverleaf nightshade	From onset of flowering to early berry-set (usually spring to mid-summer)	NSW only	375mL or 190mL + 1.2 -1.6L 2,4-D amine (625 g/L) (for example CropSure Amigo 625 Herbicide)	Add Spraying Oil (For example CropSure Takedown Spray Oil) at 1 L/ha. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment of regrowth is critical for best control.

Table 3: Sorghum, Maize, Millets and Sweet corn (NSW & Qld only)

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Sorghum	Apply when secondary roots are present, from 4 fully expanded leaves (15 cm tall) up to boot (also see CRITICAL COMMENTS)	Annual ground cherry Wild gooseberry (<i>Physalis</i> spp.)	2 to 8 leaf Up to 15 cm tall	250mL	Sorghum: From 8 leaf to boot stage, use dropper nozzles to prevent herbicide coming in contact with the crop's leaves and the growing point (meristem).
			15 to 30 cm tall	375mL	
		Apple-of-Peru	Seedling plants up to 15 cm tall		
		Bathurst burr Noogoora burr	2 to 8 leaf Up to 20 cm tall	250mL	
Maize & Sweet corn	Apply when secondary roots are present, from 3 fully expanded leaves (10 cm tall) up to just before tasselling (see CRITICAL COMMENTS)	Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter	250mL	Maize and sweet corn: From 6 leaf to just before tasselling, use dropper nozzles to prevent the herbicides coming in contact with the crop's leaves and the growing point (meristem).
			10 to 30 cm diameter	375mL	
		Sesbania pea	2 to 6 leaf Up to 10 cm tall	750mL	
			Full flower to early berry	375mL + Spraying Oil (For example CropSure Takedown Spray Oil) at 300mL/100L	
Millets	Spray when secondary roots have developed, usually early to mid-tillering, and not later than before heads start to form at the base of tillers. (See CRITICAL COMMENTS)	Silverleaf nightshade (NSW only) ⁽¹⁾	Up to 12 leaf and before flowering	750mL or 375mL + 1.6 L atrazine (600 g/L)	Millets: DO NOT use mixes with atrazine. ⁽¹⁾ This treatment may be slightly damaging to the crop. To minimise crop damage apply using dropper nozzles at all crop stages .
		Starburr (<i>Acanthospermum hispidum</i>) (Qld only)	2 to 8 leaf Up to 15 cm tall	375mL	
		Thornapples (<i>Datura</i> spp.)	2 to 5 leaf Up to 20 cm tall	500mL	
		Volunteer sunflower			

Table 3: Sorghum, Maize, Millets and Sweet corn (NSW & Qld only)

CropSure Fluroxypyr 400 Herbicide in tank-mixes with atrazine: Sorghum, Maize and Sweet corn.					
CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Sorghum Maize & sweetcorn (continued)	Spray when secondary roots have developed, usually early to mid-tillering and not later than before heads start to form at the base of the tillers (See CRITICAL COMMENTS)	<i>Amaranthus</i> spp. Including: Boggabri weed, Dwarf amaranth, Green amaranth, Redshank Anoda weed Bladder ketmia Black pigweed (<i>Trianthema portulacastrum</i>) Caltrop (yellow vine), including <i>Tribulus terrestris</i> , <i>T. micrococcus</i> and <i>T. maximus</i> Cowvine (peach vine) (<i>Ipomoea lonchophylla</i>) Hairy wandering jew (<i>Commelina benghalensis</i>) Mintweed	Seedling plants up to 15 cm tall or rosettes up to 15 cm diameter	250mL + 1.2L of atrazine flowable (600 or 675g/L) or 375mL + 1.6L of atrazine flowable (600 g/L) or 1.1kg of Atrazine 900g/kg granules (for example CropSure Atrazine 900WG Herbicide)	Use the low rate (250mL + 1.2 L) when weeds are small (5-7 cm tall/ diameter). Use the high rate (375mL + 1.6 L) when the weeds are larger (7 - 15 cm tall/ diameter). CropSure Fluroxypyr 400 Herbicide is generally more compatible with Liquid atrazine products (see GENERAL INSTRUCTIONS; compatibility section) . Add a surfactant (See GENERAL INSTRUCTIONS; Oils and surfactants).
		<i>Euphorbia davidii</i>	Cotyledons to 4 nodes up to 15 cm	500mL + 1.6L atrazine flowable (600 g/L or 1.1kg of Atrazine 900g/kg granules)	DO NOT add an oil to mixtures of CropSure Fluroxypyr 400 Herbicide and atrazine.
		Volunteer peanuts	Up to 15 cm diameter	500mL + 3.7L atrazine flowable (600 g/L or 2.5kg of Atrazine 900g/kg granules)	
Sweet corn: Tasmania only					

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Sweet corn only	3 to 5 leaf	Blackberry nightshade Volunteer potatoes	3 to 5 leaf	500mL	

Table 4: Winter Cereals (Wheat, Barley, Oats and Triticale)

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/ha	CRITICAL COMMENTS
Apply from 3 leaf to flag (Zadoks 13 to 39)	Bedstraw (<i>Galium tricornutum</i>)	1 to 3 whorl	Vic, SA, WA	500mL	(1) Add either a spraying oil (For example CropSure Takedown Spray Oil) or a surfactant (see GENERAL INSTRUCTIONS: Oils and surfactants).
	Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
	Black bindweed (<i>Climbing buckwheat</i>)	2 to 4 leaf	NSW, Qld only	250mL ⁽¹⁾	
		2 to 6 leaf		375mL or 250mL + 5g Metsulfuron methyl (for example CropSure Comrade 600WG Herbicide) ⁽¹⁾	
	Common sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf		500mL	
	Deadnettle	2 to 6 leaf		750mL or 250mL + 5g Metsulfuron methyl (for example CropSure Comrade 600WG Herbicide) ⁽¹⁾	
	Spiny emex (Doublegee, Three cornered jack)	2 to 4 leaf	NSW, SA, Qld, WA		
	Prickly lettuce	2 to 5 leaf	NSW, Qld, Tas, Vic, WA	500mL	
	Volunteer lupins	2 to 8 leaf	NSW, Vic, WA only	750mL	
	Volunteer potato	10 to 15 cm tall	WA and Tas only		Plants 15 to 30 cm tall will only be suppressed.

	Wireweed	2 to 3 leaf	NSW, Qld, SA, Tas, Vic, WA		
			NSW and Qld only	250mL + 5g Metsulfuron methyl (for example CropSure Comrade 600WG Herbicide) (¹)	
	Bittercress (<i>Coronopus didymus</i>) Mustards Shepherd's purse Turnip weed Wild radish Wild turnip	Up to 8 leaf and up to 15 cm diameter	Qld, NSW, Vic, SA, Tas, WA	250mL to 1.5L + Metsulfuron methyl (for example CropSure Comrade 600WG Herbicide) (¹) or metosulam (¹) or MCPA LVE or MCPA amine	<p>The CropSure Fluroxypyr 400 Herbicide rate depends on what other weeds are present as listed above.</p> <p>See Mixtures comment above.</p> <p>Metsulfuron methyl (600g/kg) (for example CropSure Comrade 600WG Herbicide) @ 5 g/ha (this mix does not control wild radish).</p> <p>metosulam @ 5-7 g/ha (use the 5 g rate on turnip weed only).</p> <p>MCPA LVE (500 g/L) @ 700 mL/ha.</p> <p>MCPA Amine (500 g/L) @ 1.0 L/ha.</p>

Table 5: Summer Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE/ha	CRITICAL COMMENTS
Annual ground cherry, Wild gooseberry <i>Physalis</i> spp.)	2 to 8 leaf, up to 15 cm tall	NSW, Qld only	375mL ⁽²⁾	(¹) Add Spraying Oil (For example CropSure Takedown Spray Oil) (see GENERAL INSTRUCTIONS ; Oils and surfactants).
Bathurst burr, Noogoora burr	2 to 8 leaf, up to 20 cm tall	NSW, Qld, Vic, WA only		
Bellvine	Pre-flowering	NSW, Qld only	250mL + 1.2L Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	When mixing with Glyphosate 450 to control both grass and broadleaf weeds, refer to the Glyphosate 450 label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS ; compatibility section).
Bladder ketmia	4 to 8 leaf, up to 10 cm tall			
Cowvine (Peach vine) <i>Ipomoea lonchophylla</i>	2 to 10 leaf up to 10 cm diameter		250mL + 1.0L Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	(²) Delay treatment until the maximum number of shoots have emerged, but before the onset of fruiting (late summer). DO NOT treat plants showing symptoms from previous treatment. Use the high rate when longer term weed control (6-10 months) is required and delay planting crops during this period. The low rate will require follow-up treatments.
Caltrop (yellow vine), including <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. micrococcus</i>	Up to 15 cm diameter		375mL ⁽¹⁾	
Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter		375mL + 1.0L Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	
	Up to 60 cm diameter			
<i>Polymeria pusilla</i>	2 to 10 leaf up to 20 cm diameter		500mL ⁽¹⁾ or 250mL + 1.2L Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	
Rhynchosia	Seedlings to early flowering		500mL ⁽¹⁾ or 190mL + 800 mL Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	
Smallflower mallow or Marshmallow (<i>Malva parviflora</i>)	Up to 8 leaf up to 20 cm diameter		500mL ⁽¹⁾	
Thornapples (<i>Datura</i> spp.)	2 to 8 leaf up to 15 cm diameter	NSW, Qld, WA only	375mL ⁽¹⁾ or 250mL + 1.2L Glyphosate	

			450 (for example CropSure Cropmaster 450 Herbicide)	
Sesbania pea	2 to 6 leaf up to 10 cm tall	NSW Qld only	750mL ⁽¹⁾ or 250mL + 1.2L Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	
Perennial Ground Cherry (<i>Physalis virginiana</i>) ^(w)	Bud to early flowering up to 20 cm tall		750mL or 1.5L ⁽¹⁾	
Silverleaf nightshade	Full flower to early berry-set (usually Dec – Feb)	NSW only	375mL or 190mL + 1.2 – 1.6L 2,4-D amine (625 g/L) (for example CropSure Amigo 625 Herbicide)	Add Spraying Oil (For example CropSure Takedown Spray Oil) at the rate of 1 L/100 L spray mixture. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment will be required to control regrowth and is critical for optimum control. If wanting to prevent seed set repeat applications may be needed in the same season, although this does not lead to better long term control.
Volunteer peanuts	Up to 15 cm diameter	Qld only	500mL + 3.7L atrazine flowable (600 g/L)	Add a surfactant (see General Instructions ; Oils and surfactants). Important: see GENERAL INSTRUCTIONS ; compatibility section).
Volunteer sunflowers	2 to 5 leaf up to 20 cm	NSW, Qld only	500mL	Add Spraying Oil (For example CropSure Takedown Spray Oil) (see General Instructions ; Oils and surfactants section).

Table 6: Winter Fallow

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE /100Lwater	CRITICAL COMMENTS
Bedstraw (<i>Galium tricornutum</i>)	Up to 5 whorl	Vic, SA, WA only	500mL ⁽¹⁾	⁽¹⁾ Add Spraying Oil (For example CropSure Takedown Spray Oil) (see GENERAL INSTRUCTIONS ; Oils and surfactants section).
Cleavers (<i>Galium aparine</i>)		NSW, Vic only		
Black bindweed (Climbing buckwheat)	2 to 8 leaf up to 10 cm diameter	NSW Qld only	375mL ⁽¹⁾	⁽²⁾ Add a spray oil (For example CropSure Takedown Spray Oil) or a surfactant (see GENERAL INSTRUCTIONS ; Oils and surfactants section).
Common sowthistle (<i>Sonchus oleraceus</i>)			500mL ⁽¹⁾ or 250mL + 600mL Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	
Prickly lettuce	2 to 5 leaf up to 10 cm diameter		750mL ⁽¹⁾ or 250mL ⁽²⁾ + 5 g Metsulfuron methyl (600g/kg)	When mixing with Glyphosate 450 to control both grass and broadleaf weeds, refer to the Roundup Ct label for use rates and adjuvants recommended for the grasses (see GENERAL INSTRUCTIONS ; Compatibility Section).
Spiny emex (Doublegee, Three cornered jack)				
Wireweed	2 to 3 leaf up to 10 cm tall		750mL ⁽¹⁾ or 250mL ⁽²⁾ + 5 g Metsulfuron methyl (600g/kg) or 0.5 ⁽²⁾ + 0.6 Glyphosate 450 (for example CropSure Cropmaster 450 Herbicide)	

Table 7: Sugar cane (Qld, NSW, NT and WA only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
From early tillering to maturity	Balsam pear Blackberry nightshade Blue billygoat weed Centro Cowpea Giant sensitive plant Lablab bean Noogoora burr Phasey bean Pinkburr Prickly African cucumber Spinyhead sida Stinking passion flower (seedlings only)	Apply from 2 to 3 leaf until flowering	Ground: 650mL Aerial: 750mL	For optimal weed control, delay application until just before the "close-in" stage. Aerial application: Apply in not less than 60 L/ha water and add Spraying Oil (For example CropSure Takedown Spray Oil) at 1L/100L spray mixture. Ground application: Apply in 100 – 400 L/ha water and add Spraying Oil (For example CropSure Takedown Spray Oil) at 300 mL/100L of spray mixture.
	Bellvine, Morning glory Red or pink convolvulus Star-of-Bethlehem		As above + 800mL 2,4-D amine (625 g/L) (for example CropSure Amigo 625 Herbicide)	
	Stinking passion flower	Established or ratoon plants with at least 1.0 m of regrowth	High volume: 225 mL/100 L water Knapsack 35 mL/15 L water	Thoroughly wet plants to the point of run-off.
	Milkweed (<i>Euphorbia heterophylla</i>)	Seedlings and young plants up to flowering.	1.5L or 1.15L + 3.3L atrazine flowable (600 g/L)	Better control will be achieved with the atrazine mixture. Delay application until just before the cane reaches the "close-in" stage. This will improve control and minimise the number of seedlings that germinate.

Table 8: Lucerne (NSW only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Established crops at least eighteen months old	Annual ground cherry Bathurst burr Noogoora burr Wild gooseberry	2 to 8 leaf up to 15 cm high	250mL	To minimise crop injury and to maximise weed control, cut, slash or heavily graze the lucerne before application. Wherever possible, irrigate before application to stimulate weed growth.
	Pigweed	Up to 10 cm diameter		DO NOT treat crops growing on sandy or stony soils DO NOT treat crops after the summer growing season (after end of March). To broaden the spectrum of weeds controlled, CropSure Fluroxypyr 400 Herbicide can be mixed with 2,4-DB Amine

Table 9: Poppies (Tas only)

CROP STAGE GROWTH	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS	
4 to 6 leaf	Cleavers Fumitory	2 to 6 leaf	500mL		
	Shepherd's purse Wireweed		500mL + 5L Asulox		
8 to 10 leaf	Common sowthistle Prickly lettuce	2 to 5 leaf	500mL	DO NOT apply CropSure Fluroxypyr 400 Herbicide to poppies later than the 8 to 10 leaf growth stage as a reduction of alkaloid content could occur.	
	Black nightshade	Cotyledon to 4 leaf	750mL		
	Fumitory	6 to 10 leaf			
	Volunteer potato	From tuber initiation to flower bud		This rate will provide season long control of volunteer potato, but will not control all daughter tubers and will only suppress potatoes over 15 cm tall.	

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

WITHHOLDING PERIODS

CROPS AND PASTURES: **DO NOT GRAZE FAILED CROPS AND TREATED PASTURES OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

POPPIES: **DO NOT SPRAY POPPIES LATER THAN 10 WEEKS BEFORE HARVEST.**

OTHER CROPS: **NOT REQUIRED WHEN USED AS DIRECTED.**

MINIMUM RECROPPING PERIODS

PLANT-BACK PERIODS FOR CROPS FOLLOWING THE APPLICATION OF CROPSURE FLUROXYPYR 400 HERBICIDE FOR RATES UP TO 750 mL/ha			
RATE L/ha	190mL	375mL	750mL
CROP	DAYS		
Barley	7	7	7
Wheat	7	7	7
Chickpea	7	7	7
Cotton	14	14	28
Soybean	7	7	14
Sunflower	7	7	7
Maize	7	7	7
Sorghum	7	7	7

NOTE: Before using CropSure Fluroxypyr 400 Herbicide in tank mixes with other herbicides, check the plant-back information on all product labels. The time between spraying and planting will be determined by the most residual product, i.e., the product with the longest plant-back period.

GENERAL INSTRUCTIONS**MIXING**

CropSure Fluroxypyr 400 Herbicide may be mixed with water or diesel.

Mix only sufficient chemical for each day's use and avoid storing.

Mixing in Water: Half fill the spray tank with water and add the required quantity of CropSure Fluroxypyr 400 Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application.

Mixing in Diesel: Half fill the tank with diesel and add the required quantity of CropSure Fluroxypyr 400 Herbicide. Add the remainder of the diesel and agitate or shake to mix contents.

Tank mixtures: Wettable powder or dry flowable formulations (e.g., water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulations (CropSure Fluroxypyr 400 Herbicide). Add spraying oils and surfactants (wetters) last.

OILS AND SURFACTANTS**Oils**

Where specified use Spraying Oil (For example CropSure Takedown Spray Oil) at the rate of 500 mL/ 100 L of spray mix. When using less than 100 L/ha spray volume, ensure a minimum of 250 mL/ha of spraying oil is used, unless 1 L/100 L or 1 L/ha is specified.

Surfactants (wetters)

Use a 100% concentrate non-ionic surfactant such as BS1000® at 100 mL/100 L of spray mix where required.

ATRAZINE**AVOID USING HARD WATER WHEREVER POSSIBLE.**

Where hard water cannot be avoided, the addition of CALGON water conditioning agent to the spray tank, at 100 g/100 L water, before adding any herbicide may improve compatibility.

AGITATION IS VERY IMPORTANT WHEN MIXING CROPSURE FLUROXYPYR 400 HERBICIDE AND ATRAZINE.

CropSure Fluroxypyr 400 Herbicide plus atrazine tank mixes must be agitated vigorously and continuously during mixing and application. After mixing DO NOT allow to stand without agitation. Ensure that the time from mixing to the end of application is not more than 2 hours. If settling out occurs re-suspension is difficult, even with vigorous agitation.

Agitation using only the pump's by-pass is usually inadequate, particularly with larger tanks (more than 2000 L). Additional mechanical agitation will be necessary in large tanks, computer sprayers and mixing tanks.

When additional surfactant is required, add a 100% concentrate non-ionic surfactant at 100 mL/100L of spray mix. DO NOT use a spraying oil when tank mixing CropSure Fluroxypyr 400 Herbicide and atrazine.

TOPIK 240 EC

Always use Spraying Oil (For example CropSure Takedown Spray Oil) with CropSure Fluroxypyr 400 Herbicide + Topik 240 EC tank-mixes at 500 mL/100 L of spray mix with a minimum of 250 mL/ha.

DO NOT mix CropSure Fluroxypyr 400 Herbicide with Topik 240 EC if the grass weeds are not actively growing. Always use the maximum label rate of Topik 240 EC for the appropriate grass growth stage.

DO NOT use CropSure Fluroxypyr 400 Herbicide at more than 0.75 L/ha in tank mixes with Topik 240 EC.

GLYPHOSATE 450

When mixing CropSure Fluroxypyr 400 Herbicide with Glyphosate 450 to control both grass and broadleaf weeds, refer to the Glyphosate 450 label for use rates and adjuvants recommended for the grasses. DO NOT use Glyphosate 450 at less than 1.2 L/ha in tank mixes with CropSure Fluroxypyr 400 Herbicide, when barnyard grass, buttongrass, crowsfoot grass, native millet and liverseed grass are the target species.

APPLICATION METHODS and WATER RATES

BROADCAST APPLICATION IN CROPPING, PASTURE AND FALLOW SITUATIONS

A. Ground application (Boom)

Apply CropSure Herbicide 400 Herbicide with an accurately calibrated boom sprayer, in at least 50 L/ha water (100-400 L/ha for sugar cane).

Flat nozzles are recommended using pressures in the range 200 to 300 kPa.

Set the boom at a height to ensure a double overlap of the nozzle patterns.

B. Ground directed application (Dropper nozzles)

To minimise crop effects, dropper nozzles should be used in sorghum when the crop is beyond the 8 leaf growth stage and in maize and sweet corn when the crop is beyond the 6 leaf growth stage.

Adjust the nozzles to direct the spray into the base of the crop and away from the leaves and the growing point. See manufacturers directions for setting up and calibration of dropper nozzles

C. Aerial application

Apply in a minimum volume of at least 35 L/ha water (60 L/ha in sugarcane).

Use equipment calibrated to produce medium to coarse droplets with an average diameter (Volume Mean Diameter; VMD) of 250 – 350 microns.

DO NOT apply when the temperature is above 30°C, when there is no wind or when the wind is blowing toward susceptible crops.

WOODY WEED SITUATIONS

Weeds must be actively growing to attain optimal effect. Delay the treatment of regrowth following bulldozing, slashing, burning, ploughing or a previous chemical treatment until it has at least 1 metre of new, vigorous, growth.

A. High Volume Application

Hand Gun

Apply the recommended mix to obtain full coverage of leaves and stems using a number 6 – 8 tip at 700 to 1500 kPa. To obtain good coverage, a spray volume of 1500 to 4000 L/ha (15 to 40 L/100m²) is required per infested hectare.

Ensure thorough coverage to the point of runoff.

Knapsack

Knapsack sprayers may be used on smaller infestations where penetration and coverage of the canopy is easier to achieve. Use the same use rate and spray techniques as for handgun application.

B. Low Volume, High Concentrate Application

Drench Gun or Gas-Powered Gun

Apply the recommended mixture uniformly across the foliage by applying 50mL shots to cover 4 to 5 m² of surface area of plant. This is approximately equivalent to 20 droplets per cm² of the leaf surface. Use a marking agent as recommended by the equivalent manufacturer to check spray coverage.

C. Basal Bark and Cut Stump Application

Basal Bark

DO NOT apply to wet stems as this can repel the diesel mixture.

Spray or paint the recommended mixture around the base of each stem from ground level to a height of at least 30 cm from the ground, wetting the bark to the point of runoff.

Apply with a paint brush or a pressure sprayer with an approximate lance and solid cone nozzle. If using spray equipment use low pressures (< 200 kPa) sufficient to form a cone of spray.

Old rough bark will require more spray than smooth or young thin bark.

Cut Stump

Apply the recommended mixture liberally to the freshly cut stump immediately after cutting. Apply by spraying or painting the cut surface and sides of the stump.

Best results are obtained when the stems are cut less than 15 cm above the ground.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

Cleaning equipment after using water-based sprays:

Rinsing: After using CropSure 400 Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain and clean any filters in the tank, pump, lines, hoses and nozzles.

After cleaning the tank as above, quarter fill the clean water and circulate through the pump, lines and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g., liquid SURF, OMO, DRIVE) at 500 mL/100L of water or the powder equivalent at 500 g/100 L and circulate throughout the system for at least fifteen minutes.

Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

Cleaning equipment after using diesel – based sprays:

On completion of spraying, use a degreaser such as Caltex Kwik-D-Grease to remove traces of diesel from the sprayer. Rinse tank and spray through nozzles with water to remove degreaser.

Then quarter fill the tank and add an alkali detergent (e.g., liquid SURF, OMO, DRIVE) at 50 mL/10L of water or the powder equivalent at 50 g/10 L. Shake sprayer to circulate the washing solution throughout the sprayer, then spray the solution through the nozzles. Rinse well with clean water to remove the detergent.

To clean brushes and containers, spray liberally with degreaser. Hose off with clean water and repeat using detergents as above.

DO NOT use this equipment for any other purpose.

RESISTANT WEEDS WARNING**GROUP 4 HERBICIDE**

CropSure Fluroxypyr 400 Herbicide is a member of the pyridyloxy-carboxylate group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group 4 Herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group 4 herbicides may exist through normal genetic variability in any weed population. The resistant individual can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product 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 this product to control resistant weeds.

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

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Susceptible crops include but are not limited to clovers, cotton, fruit, hops, lupins, ornamentals, peas, pine tree, potatoes, navy beans, safflower, shade trees, soybeans, sunflower, tobacco, tomatoes, vegetables and vines.

CropSure Fluroxypyr 400 Herbicide can be damaging to susceptible crops during both growing and dormant periods.

Grasses are normally unaffected by CropSure Fluroxypyr 400 Herbicide and establish quickly after treatment. Transitory damage can occur on some species particularly those that spread by stolons such as couch grass (*Cynodon dactylon*), Kikuyu grass and carpet grass (*Axonopus* sp.)

DO NOT allow spray to drift onto susceptible crops, shade trees and *Pinus* spp.

DO NOT use under weather conditions or from spraying equipment which could cause spray to drift onto nearby susceptible plants.

PROTECTION OF LIVESTOCK

DO NOT graze stock or cut treated crops or plants for food except as specified under withholding periods.

Poisonous plants may become more palatable after spraying therefore stock should be kept out of the area until the plants have died down.

DO NOT allow stock to re-enter paddocks containing treated poisonous plants, until the plants have died down.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or watercourses with the chemical or used containers. Alongside waterways, treat only noxious weeds and poisonous plants.

STORAGE AND DISPOSAL

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

Triple or pressure rinse container 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.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

Refillable containers

Store in the closed, original container in a dry, cool well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

SMALL SPILL MANAGEMENT

Wear protective equipment (See **SAFETY DIRECTIONS**). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see **STORAGE AND DISPOSAL** section).

If necessary, wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. Sensitive workers should use protective clothing. When opening the container and preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. After each day's use, wash gloves and face shield or goggles and contaminated clothing. Wash hands after use.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26, New Zealand 0800 764 766). If swallowed, DO NOT induce vomiting. If in eyes wash out immediately with water.

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.