

**DANGEROUS POISON**  
KEEP OUT OF REACH OF CHILDREN  
CAN KILL IF SWALLOWED  
DO NOT PUT IN DRINK BOTTLES  
KEEP LOCKED UP  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# **CropSure** **Parashot 250** **Herbicide**

**ACTIVE CONSTITUENT: 250 g/L PARAQUAT  
present as PARAQUAT DICHLORIDE**

**GROUP 22 HERBICIDE**

**For the Control of a Wide Range of Grasses and Broadleaf  
Weeds as per Directions for Use**

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

**Contents: 5L – 1000L**

**CropSure Pty Ltd**  
18 Raymond Road  
Laverton North  
Victoria 3026  
ABN: 17 643 829 190  
ACN: 643 829 190  
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[www.cropsure.com](http://www.cropsure.com)

**FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL HERBICIDE.  
THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.**

**STORAGE AND DISPOSAL****KEEP OUT OF REACH OF CHILDREN****For Only (5L, 10L, 20L, 200L)**

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

**For Refillable Containers (110L, 1000L)**

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS****General**

- Very dangerous, particularly the concentrate.
- Product is poisonous if swallowed.
- Will irritate the nose, throat and skin.
- Attacks the eyes, protect the eyes while using.
- Avoid contact with the eyes, skin and clothing.

**When Mixing And Using**

- When opening the container and preparing product for use wear elbow-length PVC gloves and face shield or goggles.
- If product on skin, immediately wash area with soap and water.
- If clothing becomes contaminated with product remove clothing immediately.
- If product in eyes, wash it out immediately with water. Avoid contact with spray mist. DO NOT inhale spray mist.

**After Use**

- 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 and face shield or goggles and contaminated clothing.

**SPRAY APPLICATION**

- DO NOT work in spray mist.
- DO NOT continue to use if skin irritation or nose-bleed occurs. This may be caused by exposure to spray mist as the result of incorrect use of equipment or adverse climatic conditions. Stop and review handling and spraying techniques before further spraying. If symptoms persist seek medical advice.
- When using misting machines for weed control in banana plantations, cut back to run at half throttle, thus preventing the production of fine droplets, the inhalation of which may be dangerous.
- When using misting machines in banana plantations or where there is a risk of exposure to spray mist wear waterproof footwear and waterproof protective clothing, impervious gauntlet length gloves (rubber or PVC), goggles and a face mask and respirator covering nose and mouth and capable of filtering spray droplets. A high efficiency type particulate respirator is recommended but, in any event, use a respirator that complies with the requirements of AS1716 (Standards Association of Australia). Further advice on safety equipment should be obtained from a safety equipment manufacturer.
- Avoid contacting vegetation wet with spray but if necessary, to do so wear waterproof footwear and waterproof protective clothing and gloves.

**FIRST AID**

If poisoning occurs get to a doctor or hospital quickly. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet (SDS) that can be obtained 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.

<b>BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, (CONTAINS PARAQUAT)</b>	
UN No. <b>3016</b>	
HAZCHEM <b>2X</b>	
<b>IN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</b>	<b>24HR EMERGENCY RESPONSE: AU +61 1800 951 288 NZ +64 800 700 112</b>

APVMA Approval No.: 90155/127785

Batch No

DOM

Causes skin irritation. Causes serious eye irritation. Fatal if inhaled. May cause respiratory irritation. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. Toxic if swallowed or in contact with skin. 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. Keep or store away from combustible materials. Do not breathe 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. Use only outdoors or in a well ventilated area. Wear protective gloves, protective clothing and eye or face protection. Wear respiratory protection. Immediately call a POISON CENTRE or doctor/physician. Get medical advice or attention if you feel unwell. Remove all contaminated clothing immediately. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. IF SWALLOWED: Immediately call a POISON CENTRE or doctor IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice. If eye irritation persists: Get medical advice or attention. In case of fire: Use carbon dioxide, dry chemical, foam, water fog, 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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# **CropSure**

## **Parashot 250**

### **Herbicide**

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## DIRECTIONS FOR USE

### RESTRAINTS

DO NOT add wetter unless spraying at high volume. Where CropSure Parashot 250 Herbicide is mixed with water at less than 400mL/100L of water, add a 1000g/L non-ionic wetter at 100mL per 100L of spray.

DO NOT spray plants that are waterlogged, under stress of any kind or covered with soil or dust.

DO NOT spray plants covered with heavy dew, but rain following spraying will not affect results.

DO NOT sow or cultivate for 1 hour after spraying but operations should commence within 7 days.

For Ground Application Only – DO NOT use through aircraft, misting machines (except in banana plantations) or hand-held ultra low volume controlled droplet applications (CDA units).

DO NOT use this product in the home garden.

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
<b>Aid to Cultivation to minimise cultivation and prepare a clean bed for sowing.</b>	Annual grass and broadleaf weed control.	QLD, NSW, VIC, SA, TAS, NT, ACT only	1.2 to 1.6L	Where cultivation follows spraying, it may commence one hour after spraying but should be completed within 7 days. Where heavy weed growth is present at spraying a better seedbed will result if cultivation is delayed 3-5 days.
	Early autumn sowing.		1.6 to 2.4L	Use the higher rates for dense, more mature weed stands. Wild oats must have at least two leaves. Where diquat is used the lower CropSure Parashot 250 Herbicide rate should be sufficient to control dense mature weeds.
	Wild oats at 2-5 leaf stage in autumn / winter.	QLD, VIC, SA, TAS, NT only	600 to 800mL	Pasture: Remains of old pasture should be reduced by continuous heavy grazing. Remove stock 3-5 days before spraying to allow to freshen up.
		NSW, ACT only	600mL	
<b>Rice</b>	Annual grass and broadleaf weed control	QLD, NSW, NT only	1.6L	Pre-sowing.
			800mL	Post-sowing, pre-crop emergence.
Wild Oat control in Spring Fallows	Wild oats at 2 to 5 leaf stage	QLD, NSW, NT, ACT only	1.2 to 2L	Use higher rate for summer growth. Avoid spraying under hot, dry conditions. Best results will be obtained when spraying is carried out in the late evening.
Kikuyu / Paspalum Pasture	To suppress growth to oversow winter seed	QLD, NSW, ACT only	1.6 or 2.4L	Use the high rate for February spraying and the low rate in March.
<b>Selective Weed Control Autumn / early Winter</b> - annual and perennial clover	Annual grass and some broadleaf weed control except Paterson's Curse, Sorrel, Dock, Shepherd's Purse and some thistles  For control of these weeds alternative methods such as the spray-graze technique with 2, 4-D or MCPA should be considered	All States	600mL to 1.2L  1.2 to 1.6L (a) see below	Use the higher rates for dense weed stands.
		QLD, NSW, VIC, SA, TAS, NT, ACT only	1.6 to 2.4L	Use the higher rate in winter/early spring when barley grass is present.  All applications:  Graze pastures continuously after the seasonal break to a height of 2-4 cm. Remove stock 2-3 days before spraying to allow weeds to freshen up. DO NOT apply until clover has reached the 6 leaf stage. DO NOT spray clovers, which are affected by insect attack, disease or moisture stress. DO

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
- Demeter fescue only			1.2L	NOT use on clover pastures growing in water repellent sands or other situations subject to moisture stress at or immediately following treatment. Poor recovery of the clover will result.  Use the lower rate for cocksfoot and perennial ryegrass and the higher rate for Phalaris and Demeter fescue. The perennial grasses must be at least 12 months old at spraying.  DO NOT APPLY TO MEDICS.
				Apply in early spring to reduce Yorkshire Fog Grass component and increase the cover and desirable grass component. Mixed pastures will be scorched initially but should show good recovery and beneficial changes in composition following spring rainfall and growth. In lower rainfall areas application in mid to late winter may be almost as effective but allow sufficient time for pasture and Fog grass recovery before spraying. Apply in spray volumes of 100 to 250L/ha, the latter for dense or tall ungrazed pastures. Add a 1000g/L non-ionic wetting agent at 120mL per 100L.
<b>Lucerne</b> Autumn/ early winter	Annual grass and some broadleaf weeds	QLD, VIC, SA, WA, TAS, NT only	1.2 to 1.6L	Use the higher rates for dense weed stands. DO NOT spray Lucerne stands under 12 months old. For residual weed control or if Paterson's Curse, Shepherd's Purse and some other broadleaf weeds are present add diuron (900g/kg) at the label rate. If mintweed is present use atrazine (900g/kg) at 600g/ha.
		NSW only	1.2L	
<b>Lucerne</b> Late winter/early spring	Annual grass and some broadleaf weeds	QLD, VIC, SA, WA, TAS, NT only	1.6 to 2.4L	WARNING - In certain areas, an uncommon species of barley grass ( <i>H. glaucum</i> - common species of barley grass is <i>H. leporinum</i> ) resistant to paraquat based products has become established. It may regrow after an initial scorch by CropSure Parashot 250 Herbicide. Where this problem is suspected use fluazifop-p for grass weed control. If CropSure Parashot 250 Herbicide has been applied use fluazifop-p at 1L/ha after regrowth but before heading.
		NSW, ACT only	1.2L	
<b>Perennial Grass Seed Crops</b>  Cocksfoot, perennial ryegrass, Phalaris and Demeter Fescue only	Annual grass and some broadleaf weeds	All States	600mL to 1.2L	Use the low rate for Cocksfoot and perennial ryegrass and the higher rate for Phalaris and Demeter Fescue.  Spray about 4 weeks after a full weed germination following the autumn break. The perennial grasses must be at least 12 months old at spraying.
<b>Spray topping to reduce seed set</b>	Annual ryegrass	All States	400mL or 800mL	As an aid in managing annual ryegrass resistance. For use on escapes from a

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
Chickpeas Faba beans Field peas Lentils Lupins Vetch				<p>previous herbicide application in the current crop.</p> <p>Spray the crop when the ryegrass is at the optimum stage, that is when the last ryegrass seed heads at the bottom of the plant have emerged and the majority are at or just past flowering (with anthers present or glumes open) but before having off is evident - usually October to November. Use of the higher rate in these crops is usually more reliable and gives a greater reduction in seed set.</p> <p>Reduction in crop yield may occur especially if the crop is less advanced relative to the ryegrass that is if crops have a majority of green immature pods. The higher rate may also increase any yield reduction. In practice crop losses in excess of 25% may occur.</p> <p>Apply by ground boom only in 50-100L/ha. Spray with a calibrated boom spray raised to give double overlap at the level of the ryegrass seed heads. Pressures of 250-350 kPa and use of 110015 or 02 nozzles or equivalent will aid coverage.</p>
<b>Spray topping to reduce seed set</b> Pastures	Grasses generally (particularly annual ryegrass)	All States	400mL	Heavily graze paddocks during spring flush to encourage even head development. Remove stock 2-3 weeks before the anticipated maturity date of the target species. However, if this is not feasible through lack of stock it is preferable to allow the pasture to mature ungrazed. Delay spraying until the last seed-heads at the bottom of the plant have emerged and initial signs of haying off appear. Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.
	Barley grass			Manage paddocks as above. Spray after head emergence but when all seed heads are green and there is no sign of haying off. Inspect paddocks before returning stock. Provided spraying was carried out before hardening seeds are present harrow to knock seed from the heads. DO NOT introduce lambs into paddock until safe from risk of seed injury.
	Saffron thistle	NSW, SA, ACT only		If seasonal conditions favour regeneration, stock should be returned to selectively graze new shoots. Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.
				Spray after the plant begins to run to head until flowering.

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
<b>Prevention of annual ryegrass toxicity</b>	Spray top - graze to destroy seed heads	WA only	400mL	<p>Grazing management as for spray topping above. Remove stock 3-4 weeks before anticipated maturity date. Spray must be applied within 10 days after emergence of the first ryegrass seed heads.</p> <p>To ensure adequate control of toxin development, <u>heavy continuous grazing is essential from 1 day after spraying</u> until the pasture has completely hayed off.</p> <p>The required stocking rate will vary but must be sufficient to keep all regrowth after spraying completely eaten off to prevent further growth producing new seed heads, which could become toxic.</p>
<b>Hay Freezing</b>	Maximum retention of protein in standing dry feed	All States	800mL	<p>Graze paddocks as for spray topping above. Remove 3-4 weeks before the anticipated maturity date. Apply prior to commencement of haying off regardless of the grass species involved.</p> <p>Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.</p>
<b>General Weed control</b> Bananas	Annual weed control	QLD, NSW, WA, NT only	1.6 to 3.2 L per sprayed ha 160 to 320mL per 100L Misters 8mL/L	<p>Spray as necessary for control of annual weeds. Avoid contacting crop foliage. Apply soon after weed emergence and before weeds reach 15cm in height. Use spraying pressure less than 240kPa. Avoid chemical contact with roots and peepers near the pseudo stem. Repeat sprays as required.</p>
Hops	Annual grasses	VIC, TAS, only	1.2 to 1.6L (a) plus 1.1 kg/ha simazine (900g/kg) and/or 750mL to 1.4L/ha diquat	Apply as a directed inter-row spray prior to crop emergence from winter dormancy, using a minimum of 250L/ha spray volume to ensure good and even coverage of weeds.
<b>Orchards and Vineyards</b>	Annual weed control	QLD, VIC, SA, WA, TAS, NT only	1.6 to 3.2 L per sprayed ha (a) + (b)	<p>Spray as necessary for control of annual weeds. Avoid contacting crop foliage.</p> <p>CropSure Parashot 250 Herbicide will not harm trees or vines with mature brown bark if this alone is sprayed. Use the higher rate for dense weed growth.</p>
		NSW only	1.7L per sprayed ha (a) + (b)	If fat hen <i>Chenopodium album</i> or <i>Portulaca</i> spp. are present and CropSure Parashot 250 Herbicide rate is less than the ratio 800mL/100L add a 1000g/L non-ionic wetting agent at 120mL per 100L of spray mix.
<b>Peanuts</b> Post-emergence (in-crop)	<i>Datura</i> spp. (2-4 leaf)	QLD, NT only	400mL	Spray peanuts up to 7-8 leaf stage but before majority of plants flowering. Foliage will be scorched following application but plants recover rapidly. Apply in 200-250L/ha for thorough coverage of weed foliage. A dense canopy of weeds may reduce weed control due to shielding. Add a 1000g/L non-ionic wetting agent at 60mL per 100L of spray mix.
	Annual ground cherry (2-3 leaf)		600mL	
	Apple-of-Peru (2-4 leaf)			
	Milkweed (2-3 leaf)			
	Stagger weed (2-3 leaf)		800mL	

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
	Blue heliotrope (2-3 leaf) Wandering Jew (2-3 leaf) Anoda weed (2-4 leaf)		1L	
	Bellvine (2-3 leaf) Common morning glory (2 leaf)			
<b>Potatoes</b>	General weed control (in-crop)	All States	1.2 to 1.6L (a)	Spray at early crop emergence (no later than 25% emergence of potato shoots). Use the higher rate for dense weed growth.
	Pre-harvest weed control		2.8L (a)	Spray about one week before digging and after tops have died down.
<b>Row Crops, Vegetables and Market Gardens</b>	Pre-planting and pre-crop emergence	All States	1.2 to 1.6L or 200mL/100L (a) + (b)	To control weeds in seedbeds. Treat no less than three days before sowing or before crop emergence. Use the lower rate for early autumn applications.
	Post-emergence inter-row weed control		1.2 to 1.6L or 200mL/ 100L (a) + (b)	Apply after crop seedlings have emerged or when transplanted crops are established. Direct the spray so that it does not touch the crop. Use shielded nozzles.
	Seedling weeds		2.4L or 400mL/100L (a)	Seedling weeds - use the lower rate for early autumn applications.
	Older weeds			More mature stages of weed growth.
<b>Sugar Cane (Plant and ratoon)</b>	Grass and some broadleaf weeds	QLD, NSW, NT only	Up to 5 cm high 1.2 to 1.6L per sprayed ha	Apply as a broadcast spray over-the-top of plant cane up to the 3-4 leaf stage. Cane foliage will be scorched but new leaves will appear in 7-10 days.
	Grass and some broadleaf weeds Enhancement with diuron 900 WG Herbicide		Up to 5 cm high 1.2 to 1.6L + 275g to 500g diuron 900 WG Herbicide	In plant cane between the 3 to 4 leaf stage and the formation of the true stem use a directed interspace spray. The Irvin spray boom (or similar equipment) is the most suitable equipment to avoid excessive drift onto cane foliage while spraying up to the cane bases of plant and ratoon cane. After the formation of the true stem, which is resistant to CropSure Parashot 250 Herbicide, the sprayer height can be raised to overlap the spray pattern to give weed control in the stool. Use the higher rate for dense more mature weeds.
	Grass and some broadleaf weeds Enhancement with diuron 900 WG Herbicide		Up to 10 cm high 1.2 to 1.6L + 1kg diuron 900 WG Herbicide	CropSure Parashot 250 Herbicide can be mixed with atrazine (900g/kg) to give residual weed control when used as a blanket or directed spray (refer to atrazine label for specific rates). It can be also mixed with diuron (900g/kg) at label rates.
	Grass and some broadleaf weeds Enhancement with diuron 900 WG Herbicide		> 10 cm high 1.6L + 2.8 to 3.9kg diuron 900 WG Herbicide	To enhance activity of CropSure Parashot 250 Herbicide under favourable growing and in open sunny conditions add diuron (900g/kg) at the label rates. Diuron (900g/kg) at rates of up to 500g/ha can be blanket sprayed. Use a directed spray for higher

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
				rates of diuron (900g/kg). Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350L/ha for weeds up to 10cm high. Use a minimum spray volume of 400L/ha for weeds greater than 10cm high and for dense mature weeds. Always add 1000g/L non-ionic wetting agent at 120mL per 100L of water.
<b>Non-Agricultural situations, around sheds, roadways, paths</b>	Annual weed control	All States	1.6 to 4 L/ha or 200mL/100L (a) + (b)	Spray to thoroughly wet weed growth. CropSure Parashot 250 Herbicide can be combined with soil residual herbicides, simazine (900g/kg) or atrazine (900g/kg) to give rapid knockdown and prolonged weed control. Use the higher rate for dense weed growth.
	Columbus grass	NSW only	<b>Spot spraying</b> 160mL/ 100L plus 1L flupropanate (745g/L)  <b>Boomspray</b> 2.3 to 4.5L/ha plus 12 to 22L flupropanate (745g/L)	
<b>Firebreaks</b>	Knock down weed growth to eliminate fire hazard or assist firebreak burn	All States	1.6 to 4L	Apply mid-winter to early summer. Use the higher rate for dense weed growth. After desiccation is complete the sprayed area may be burnt (normally 7–10 days after spraying). CropSure Parashot 250 Herbicide can be combined with soil residual herbicides atrazine (900g/kg) or simazine (900g/kg) to give rapid knockdown and prolonged weed control.

- (a) Capeweed or Erodium spp. present: Add diquat (200g/L) at 750mL to 1.5L/ha (125mL to 250mL/100L for high volume spraying). Use higher rate for plants more than 10 cm diameter.
- (b) If CropSure Parashot 250 Herbicide rate is less than the ratio 400mL/100L add 60mL of a 1000g/L non-ionic wetting agent per 100L of spray mix.

**PLEASE NOTE EXTRA WETTER REQUIREMENTS FOR HIGH VOLUME SPRAYING**

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

**FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL HERBICIDE.**

**THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.**

**WITHHOLDING PERIOD**

**DO NOT GRAZE OR CUT SPRAYED VEGETATION FOR STOCK FOOD FOR AT LEAST 1 DAY,  
OR GRAZE HORSES FOR 7 DAYS AFTER APPLICATION**

**REMOVE STOCK FROM TREATED AREAS 3 DAYS BEFORE SLAUGHTER**

**CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS & VETCH – DO NOT HARVEST  
FOR 7 DAYS AFTER APPLICATION**

## GENERAL INSTRUCTIONS

This product kills annual grasses and most annual broadleaf weeds (excluding capeweed) in specified situations and should not be used for any other purpose. Quickly kills green plant tissue on contact. Is immediately inactivated in the soil or heavy dew. The principle of selective weed control with this product is that annual weeds are killed, but perennial plants and clovers recover after an initial scorch. The control of annual weeds by spraying with this product will allow the desirable perennial species to thicken up at the expense of the weeds. Moisture and fertility should not be limiting at spraying and the proportion of desirable species must be great enough for them to fill in the areas previously occupied by weeds. Long-term weed control can be obtained following the quick knockdown given by this product if it is combined with soil residual chemicals.

1. DO NOT use hand-held ultra low volume controlled droplet applicators (CDA units), boomless jets or misting machines (except in banana plantations).

2. **Mixing**

Add the required quantity of product to water in the spray tank and agitate to give even mixing. Agitate again if left standing.

3. **Wetting agent**

This product contains a wetting agent and additional wetter is not required unless high volume spraying results in excessive dilution of wetter content. This will occur when product rates fall below 400mL per 100L of spray. Under such circumstances a 1000g/L non-ionic wetter should be added at the rate of 100mL per 100L of spray mix. Where Fat Hen or Portulaca are present in orchard or vineyard situations, extra wetter should be used when this product ratio is less than 800mL per 100L. Add wetter at double the above recommendations. DO NOT use alkaline or anionic wetting agents.

4. **Clean water**

Mix this product with clean water only. Water should be clean and free from clay, silt and algae. Providing it meets this requirement, saline water, water collected from roofs, bore water, dam water and water from creeks may be used.

5. **Application**

- (i) Cereals and Broadacre Spraying

Use only through a properly calibrated boom spray that should be fitted with flat fan jets and adjusted to a height to give at least double overlap of the spray at the top of the weeds being sprayed. Spraying pressures should be in the range of 200-300kPa. Speed of travel should be in the range of 6 – 15km/hr. It is essential that a good marking system be used. If a disc marker is used, it must be mounted so as to turn the soil back on to the area sprayed. It is essential to obtain good leaf coverage with the spray and volumes of dilute spray must be adjusted according to density of weed growth. For 100L/ha may be used for seedlings or well-grazed weeds up to 2cm high. For plant height 2-5cm use 150L/ha and up to 6-10cm use 200L/ha. Spray volumes may be as low as 50L/ha (30L/ha in WA) for weed growth below 5cm high, or for spray topping and hay freezing. Equipment must be appropriate to this volume, properly calibrated and fitted with spraying tips designed to give droplets in the 200-250μ Volume Median Diameter range.

- (ii) High Volume Application

Higher volumes will generally be required to give good coverage of weed growth in situations other than those specified under cereals and other broadacre crops.

(iii) Wash spray equipment with clean water immediately after use. This product is highly corrosive to metals, particularly galvanised iron and aluminium and should not be left for long periods in tanks or equipment made of these materials.

6. **Compatibility**

This product combines satisfactorily with the soil active herbicides atrazine (900g/kg), diuron (900g/kg) and simazine (900g/kg) where prolonged weed control is required as well as a quick knockdown. This product is compatible with diquat, dicamba, dicamba + MCPA, MCPA Amine (no more than 1L per 800mL CropSure Parashot 250 Herbicide), chlorsulfuron, tri-allate and trifluralin (480g/L).

7. **Spraying conditions**

Avoid spraying plants under stress from waterlogging, frost, drought etc. or covered with dust and soil. Results will be better if application is made in dull weather or at the end of the day. Light rain following spraying will not affect results. Avoid drift into neighbouring crops.

**RESISTANT WEEDS WARNING**

GROUP	22	HERBICIDE
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CropSure Parashot 250 Herbicide is a member of the bipyridyl group of herbicides. CropSure Parashot 250 Herbicide has the inhibitor of photosynthesis at Photosystem I mode of action. For weed resistance management CropSure Parashot 250 Herbicide is a Group 22 herbicide. Some naturally occurring weed biotypes resistant to CropSure Parashot 250 Herbicide and other Group 22 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 Parashot 250 Herbicide or other Group 22 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 Parashot 250 Herbicide to control resistant weeds.

**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 susceptible plants/crops, cropping lands or pastures. This formulation should not be applied on or near water that is used for irrigation purposes.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used container. This formulation should not be applied on or near water, which is used for human consumption, livestock watering or irrigation purposes, or water used for commercial or recreational fishing. DO NOT allow domestic pets or poultry to enter treated areas.

**STORAGE AND DISPOSAL****KEEP OUT OF REACH OF CHILDREN****For Only (5L, 10L, 20L, 200L)**

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

**For Refillable Containers (100L, 1000L)**

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS****General**

- Very dangerous, particularly the concentrate.
- Product is poisonous if swallowed.
- Will irritate the nose, throat and skin.
- Attacks the eyes, protect the eyes while using.
- Avoid contact with the eyes, skin and clothing.

**When Mixing And Using**

- When opening the container and preparing product for use wear elbow-length PVC gloves and face shield or goggles.
- If product on skin, immediately wash area with soap and water.
- If clothing becomes contaminated with product remove clothing immediately.
- If product in eyes, wash it out immediately with water. Avoid contact with spray mist. DO NOT inhale spray mist.

**After Use**

- 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 and face shield or goggles and contaminated clothing.

**SPRAY APPLICATION**

- DO NOT work in spray mist.
- DO NOT continue to use if skin irritation or nose-bleed occurs. This may be caused by exposure to spray mist as the result of incorrect use of equipment or adverse climatic conditions. Stop and review handling and spraying techniques before further spraying. If symptoms persist seek medical advice.
- When using misting machines for weed control in banana plantations, cut back to run at half throttle, thus preventing the production of fine droplets, the inhalation of which may be dangerous.
- When using misting machines in banana plantations or where there is a risk of exposure to spray mist wear waterproof footwear and waterproof protective clothing, impervious gauntlet length gloves (rubber or PVC), goggles and a face mask and respirator covering nose and mouth and capable of filtering spray droplets. A high efficiency type particulate respirator is recommended but in any event use a respirator that complies with the requirements of AS1716 (Standards Association of Australia). Further advice on safety equipment should be obtained from a safety equipment manufacturer.
- Avoid contacting vegetation wet with spray but if necessary to do so wear waterproof footwear and waterproof protective clothing and gloves.

**FIRST AID**

If poisoning occurs get to a doctor or hospital quickly. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**SAFETY DATA SHEET**

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.

<b>BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, (CONTAINS PARAQUAT)</b>	
UN No. <b>3016</b>	
HAZCHEM <b>2X</b>	
<b>IN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</b>	<b>24HR EMERGENCY RESPONSE: AU +61 1800 951 288 NZ +64 800 700 112</b>