

# **DANGEROUS POISON**

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

## **Trio Paraquat 250 Herbicide**

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

<b>GROUP</b>	<b>22</b>	<b>HERBICIDE</b>
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**For the Control of a Wide Range of Grasses and Broadleaf  
Weeds as per Directions for Use**

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

**Contents: 5L, 20L, 100L, 110L, 200L, 1000L**

CTS Chemicals Pty Ltd. ABN 22 605 759 644  
Manning Buildings, 135 High Street Mall  
Fremantle WA 6160 Australia  
Phone 1800 749 140

**DO NOT USE THIS PRODUCT IN THE HOME GARDEN.**

## **STORAGE AND DISPOSAL**

### **(5L, 20L and 200L only)**

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 or preferably 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 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, 110L and 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**

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 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 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 INSTRUCTIONS**

If poisoning occurs get to a doctor or hospital quickly. Phone Australia 13 11 26. 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 that can be obtained from the supplier.

## **CONDITIONS OF SALE**

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

applicable to the sale or supply of these goods. Always read the product labels on the container for all instructions, recommendations, critical comments and conditions of sale.

APVMA Approval No: 65148 / 50279

In a Transport Emergency Dial 000 Police or Fire Brigade

Batch No:

DOM:

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## **Trio Paraquat 250 Herbicide**

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<b>GROUP</b>	<b>22</b>	<b>HERBICIDE</b>
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Weeds as per Directions for Use**

**IMPORTANT: READ THIS LEAFLET BEFORE USE**

APVMA Approval No: 65148 / 50279

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

**DIRECTIONS FOR USE  
RESTRAINTS**

**DO NOT** add wetter unless spraying at high volume. Where Trio Paraquat 250 is mixed with water at less than 400mL/100L of water, add 100mL Trio Wetta 1000 Agricultural Wetting Agent 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)

Crop Use or Situation	Weeds Controlled	State	Rate/ha	Critical Comments
<b>Aid to Cultivation</b> to minimise cultivation and prepare a clean bed for sowing.	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.  Use the higher rates for dense, more mature weed stands. Wild oats must have at least two leaves. Where diquat is used the lower Trio Paraquat 250 rate should be sufficient to control dense mature weeds.  <b>Pasture:</b> Remains of old pasture should be reduced by continuous heavy grazing. Remove stock 3-5 days before spraying to allow to freshen up.
	Early autumn sowing.		1.6 to 2.4L	
	Wild oats at 2-5 leaf stage in autumn / winter.	Qld, Vic, SA, Tas, NT only	600 to 800mL	
	Winter, spring and early summer sowing.	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.
<b>Wild Oat control</b> 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.
<b>Kikuyu / Paspalum Pasture</b>	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</b>	Annual grass and some broadleaf weed	All States	600mL to 1.2L	Use the higher rates for dense weed stands.

<b>Autumn / early Winter</b> - annual and perennial clover	control except Paterson's Curse, Sorrel, Dock,		1.2 to 1.6L	
<b>Late winter/ early spring</b> - Annual clovers - Perennial clovers - Cocksfoot - Perennial ryegrass - Phalaris - Demeter fescue only	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.	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.  <b>All applications:</b> 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 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. <b>DO NOT APPLY TO MEDICS</b>
	Yorkshire Fog Grass		1.2L	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 120mL Trio Wetta 1000 Agricultural Wetting Agent 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 label rates.
		NSW only	1.2L	If mintweed is present is present use atrazine (900g/kg) at 600g/ha.

		Qld, Vic, SA, WA, Tas, NT only	1.6 to 2.4L	<p><b>WARNING</b> - 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 Trio Paraquat 250. Where this problem is suspected use fluazifop-p for grass weed control. If Trio Paraquat 250 has been applied use fluazifop-p at 1L/ha after regrowth but before heading.</p>
		NSW, ACT only	1.2L	
<p><b>Perennial Grass Seed Crops</b> Cocksfoot, perennial ryegrass, Phalaris and Demter Fescue only</p>	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.
<p><b>Spray topping to reduce seed set</b> Chickpeas Faba beans Field peas Lentils Lupins Vetch</p>	Annual ryegrass	All states	400mL or 800mL	<p><b>As an aid in managing annual ryegrass resistance. For use on escapes from a previous herbicide application in the current crop.</b></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. 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.
	Saffron thistle	NSW, SA, ACT only		Spray after the plant begins to run to head until flowering.
<b>Prevention of annual ryegrass toxicity</b>	Spray top - graze to destroy seed heads.	WA only	400mL	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.  To ensure adequate control of toxin development, <b>heavy continuous grazing is essential from 1 day after</b>



				<p><b>spraying</b> 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, NT only	100mL/100L Misters 8mL/L (a)	<p>Apply soon after emergence and before weeds reach 15cm in height. Use spraying pressures 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	<p>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.</p>
Orchards and Vineyards	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. Trio Paraquat 250 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)	<p>If fat hen <i>Chenopodium album</i> or <i>Portulaca</i> spp. are present and Trio Paraquat 250 rate is less than the ratio 800mL/100L add 120mL Trio Wetta</p>

				1000 Agricultural Wetting Agent 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 60mL Trio Wetta 1000 Agricultural Wetting Agent per 100L of spray mix.
	Annual ground cherry (2-3 leaf) Apply-of-Peru (2-4 leaf) Milkweed (2-3 leaf)		600mL	
	Stagger weed (2-3 leaf) Blue heliotrope (2-3 leaf) Wandering Jew (2-3 leaf) Anoda weed (2-4 leaf)		800mL	
	Bellvine (2-3 leaf) Common morning glory (2 leaf)		1L	
<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.
	Seedlings weeds			Seedling weeds - use the lower rate for early autumn applications.
	Older weeds		2.4L or 400mL/100L (a)	More mature stages of weed growth.

<b>Sugar Cane</b> (Plant and ratoon)	Grass and some broadleaf weeds	Qld, NSW, NT only	1.2 to 1.6L per sprayed ha (b)	<p>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. Between the 3 to 4 leaf stage and the formation of the true stem use a directed, interspace spray with droppers and/or shields or leaf deflectors to avoid excessive spray drift onto cane foliage while spraying up the cane bases. Use coarse nozzles such as flood jets (reflex nozzles) and pressure of 100-200kPa.</p> <p>After the formation of the true stem, which is resistant to Trio Paraquat 250, droppers can be raised to overlap the spray pattern to give weed control in the stool. Use the higher rate for dense more mature weeds.</p> <p>Trio Paraquat 250 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 may also be mixed with diuron (900g/kg) at label rates. To enhance activity of Trio Paraquat 250 under favourable growing conditions and in open sunny conditions add diuron (900g/kg) at the label rates.</p>
<b>Non-Agricultural situations, around sheds, roadways, paths</b>	Annual weed control	All States	1.6 to 4L/ha or 200mL/100L (a) + (b)	Spray to thoroughly wet weed growth. Trio Paraquat 250 can be combined with soil residual herbicides diuron (900g/kg), 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). Paraquat 250 can be combined with soil residual herbicides atrazine

				(900g/kg), diuron (900g/kg) or simazine (900g/kg) to give rapid knockdown and prolonged weed control.
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- (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 in diameter.
- (b) If Trio Paraquat 250 Herbicide rate is less than the ratio 400mL/100L add 100mL Trio Wetta 1000 Agricultural Wetting Agent per 100L of spray mix.

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

**DO NOT USE THIS PRODUCT 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.**

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

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

#### **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.

**READ FOLLOWING DIRECTIONS** before commencing work.

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 wetter should be added at the rate of 100mL of Trio Wetta 1000 Agricultural Wetting Agent 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 ration 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 - 15 km/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. 100L/ha may be used for seedlings or well grazed weeds up to 2 cm 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 Trio Wetta 1000 Agricultural Wetting Agent, diquat, dicamba, dicamba + MCPA, MCPA Amine (no more than 1L per 800mL Trio Paraquat 250 Herbicide), chlorsulfuron, tri-allate and Trio Trifluralin 480 Selective Herbicide.

#### 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**

<b>GROUP</b>	<b>22</b>	<b>HERBICIDE</b>
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Trio Paraquat 250 Herbicide is a member of the bipyridyl group of herbicides. Paraquat 250 has the inhibitor of photosynthesis at Photosystem I mode of action. For weed resistance management Paraquat 250 is a Group 22 herbicide. Some naturally occurring weed biotypes resistant to Paraquat 250 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 Paraquat 250 or other Group 22 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CTS Chemicals Pty Ltd accepts no liability for any losses that may result from the failure of Paraquat 250 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 LIVESTOCK**

Domestic pets and poultry - keep away from treated areas.

This formulation should not be applied on or near water, which is used for livestock watering.

## **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.

## **STORAGE AND DISPOSAL**

### **(5L, 20L and 200L only)**

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 or preferably 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 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, 110L and 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**

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 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 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. 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 that can be obtained from the supplier.

### **CONDITIONS OF SALE**

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

GHS STATEMENTS, add the following:

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

**Harmful if swallowed. Toxic in contact with skin. Fatal if inhaled. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure**

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear respiratory protection. Get medical advice/attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor. IF ON SKIN: Wash with plenty of water and soap. Call a POISON CENTRE or doctor if you feel unwell. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Take off all contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor. Call a POISON CENTRE or doctor if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to an approved waste disposal plant.

DG Classification:

