

CAUTION

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

Trio Clethodim 240 Herbicide

ACTIVE CONSTITUENT:
240 g/L CLETHODIM
SOLVENT:
606 g/L LIQUID HYDROCARBON

GROUP	1	HERBICIDE
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For control of certain grass weeds in beetroot, cabbage, canola, celery, chickpeas, cotton, faba beans, field peas, forestry, lentils, lettuce, lupins, lettuce, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans as per the Directions for Use table in this leaflet.

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

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

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: 66629 / 54055

In a Transport Emergency Dial 000 Police or Fire Brigade

Batch No:

DOM:

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DIRECTIONS FOR USE

RESTRAINTS

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.

Crop	Crop Growth Stage	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments		
Canola, Chickpeas, Faba beans, Field peas, Lentils @ Lupins #	Canola: DO NOT APPLY after flower buds become visible (green buds) Chickpeas: DO NOT APPLY beyond full flowering Faba beans: DO NOT APPLY beyond fully flowering. Field peas: DO NOT APPLY beyond full flowering Lentils: Apply up to 7 nodes / early branching stage of crop growth Lupins: DO NOT APPLY AFTER 80% of flowers have opened	Annual Ryegrass (<i>Lolium rigidum</i>) Annual Phalaris (<i>Phalaris minor</i>)	150 to 250	2 leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, WA only	Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwicken at 1L/100L or Uptake at 500m/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides. @ Application up to 7 - node/early-branching crop growth stage only. # NOT Queensland		
		Barley Grass (<i>Hordeum leporinum</i>) Brome grass (<i>Bromus diandrus</i>) Wild Oats (<i>Avena spp.</i>)	175 to 250					
		Volunteer Wheat (<i>Triticum aestivum</i>) Volunteer Oats (<i>Avena sativa</i>)	200* to 250* (175 to 250 in WA only)					
		Volunteer Barley (<i>Hordeum vulgare</i>)	250					
		Silver grass (<i>Vulpia bromoides</i>) - suppression only (not Qld, WA)	250 to 500				NSW, ACT, Vic, Tas only	
		Paradoxa grass, (<i>Phalaris paradoxa</i>)	250 - 375 375				2 to 5 leaf stage 5-leaf to fully tillered	Qld, NSW, ACT only
		Cotton (Qld, NSW)	Canola: DO NOT APPLY				Barnyard grass (<i>Echinochloa spp.</i>)	250 to 375

and NT only), peanuts, Mung Beans, Soybeans	after flower buds become visible (green buds) Peanuts: DO NOT APPLY after the pod fill stage of crop development. Mung beans: DO NOT APPLY after first flower buds are visible Soybeans: DO NOT APPLY after first flowers are visible	Blown grass (<i>Agrostis aveacea</i>) Crowsfoot grass (<i>Eleusine indica</i>) Feathertop Rhodes grass (<i>Chloris virgata</i>) Liverseed grass (<i>Urochloa panicoides</i>) Red Spangletop grass (<i>Leptochloa filiformis</i>) Seedling Johnson grass (<i>Sorghum halepense</i>) Summer grass (<i>Digitaria spp.</i>) Volunteer Sorghum (<i>Sorghum spp.</i>)	375	stage 5-leaf to fully tillered	ACT, Vic, WA, NT only	at 1L/ha or Kwickin at 1L/100L or Uptake at 500m/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.
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Crop	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard grass (<i>Echinochloa spp.</i>) Blown grass (<i>Agrostis aveacea</i>) Crowsfoot grass (<i>Eleusine indica</i>) Feathertop Rhodes grass (<i>Chloris virgata</i>) Liverseed grass (<i>Urochloa panicoides</i>) Paradoxa grass, (<i>Phalaris paradoxa</i>) Red Spangletop grass (<i>Leptochloa filiformis</i>) Seedling Johnson grass (<i>Sorghum halepense</i>) Summer grass (<i>Digitaria spp.</i>) Volunteer Sorghum (<i>Sorghum spp.</i>)	250 to 375 375	2 to 5 leaf stage 5-leaf to fully tillered	All states	Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500m/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. Use a spray volume of 150L/ha when spraying dense grass populations.
	Annual Ryegrass (<i>Lolium rigidum</i>) Annual Phalaris	150 to 250	2 leaf to fully tillered	All states	Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at

	<i>(Phalaris minor)</i>				1L/100L or Uptake at 500m/100L spray volume.
	Barley Grass <i>(Hordeum leporinum)</i> Brome grass <i>(Bromus diandrus)</i> Wild Oats <i>(Avena spp.)</i>	175 to 250			The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress.
	Volunteer Wheat <i>(Triticum aestivum)</i> Volunteer Oats <i>(Avena sativa)</i>	200* to 250 * (175 to 250 in WA only)			Use a spray volume of 150L/ha when spraying dense grass populations.
	Volunteer Barley <i>(Hordeum vulgare)</i>	250			
	Silver grass <i>(Vulpia bromoides)</i> - suppression only (not Qld, WA)	250 to 500			
	Winter grass <i>(Poa annua)</i>	500			
Forestry, non-bearing fruit trees and ornamentals	Annual Ryegrass <i>(Lolium rigidum)</i> Annual Phalaris <i>(Phalaris minor)</i> Barley Grass <i>(Hordeum leporinum)</i> Barnyard grass <i>(Echinochloa spp.)</i> Blown grass <i>(Agrostis aveacea)</i> Brome grass <i>(Bromus diandrus)</i> Crowsfoot grass <i>(Eleusine indica)</i> Feathertop Rhodes grass <i>(Chloris virgata)</i> Liverseed grass <i>(Urochloa panicoides)</i> Paradoxa grass, <i>(Phalaris paradoxa)</i> Red Spangletop grass <i>(Leptochloa filiformis)</i> Seedling Johnson grass <i>(Sorghum halepense)</i> Silver grass <i>(Vulpia bromoides)</i> - suppression only (not Qld, WA) Summer grass	500	2 leaf to fully tillered	All states	Apply after plants have recovered from transplant shock and are showing signs of active growth. Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500m/100L spray volume. Use a spray volume of 150L/ha when spraying dense grass populations. DO NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.

	<i>(Digitaria spp.)</i> Volunteer Barley <i>(Hordeum vulgare)</i> Volunteer Oats (<i>Avena sativa</i>) Volunteer Sorghum <i>(Sorghum spp.)</i> Volunteer Wheat <i>(Triticum aestivum)</i> Winter grass (<i>Poa annua</i>)				
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NOT TO USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIODS:

HARVEST:

CANOLA, CHICKPEAS, COTTON, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, SOYBEANS: NOT REQUIRED WHEN USED AS DIRECTED

FORESTRY: NOT REQUIRED WHEN USED AS DIRECTED

BEETROOT, CABBAGE: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST

ONIONS: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST

LETTUCE, POTATOES: DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST

CELERY: DO NOT APPLY LATER THAN 9 WEEKS BEFORE HARVEST

GRAZING:

CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, SOYBEANS: DO NOT GRAZE OR CUT FOR STOCK-FEED FOR 21 DAYS AFTER APPLICATION

COTTON: DO NOT GRAZE OR CUT COTTON FORAGE OR STUBBLE FOR STOCK-FEED

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP	1	HERBICIDE
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Trio Clethodim 240 Herbicide is a member of the cyclohexanedione group of herbicides. Trio Clethodim 240 Herbicide has the inhibition of acetyl CoA carboxylase mode of action. For weed resistance management, Trio Clethodim 240 Herbicide is a Group 1 herbicide. Some naturally occurring weed biotypes resistant to Trio Clethodim 240 Herbicide and other Group 1 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 Trio Clethodim 240 Herbicide or other Group 1 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 Trio Clethodim 240 Herbicide to control resistant weeds.

CLEANING SPRAY EQUIPMENT

Before using Trio Clethodim 240 Herbicide

Ensure that the recommended clean-out procedures for the previous product (particularly sulfonylurea herbicides) sprayed with the equipment was done properly.

After using Trio Clethodim 240 Herbicide

Empty the tank and drain the whole system.

Thoroughly wash hands inside the tank using a pressure hose, drain the tank and clean filters in the tank, pump line and nozzles.

Use of a household detergent will aid in cleaning the equipment. Add detergent to the part-filled spray tank and thoroughly circulate through pumps, hoses and nozzles. Drain the system and thoroughly rinse twice with clean water.

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

MIXING

To ensure even mixing, half-fill the spray tank with clean water, add the required amount of Trio Clethodim. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

Ground application

Trio Clethodim 240 Herbicide should be applied with calibrated spray equipment producing a MEDIUM to COARSE droplet size range. Apply a minimum of 50L of water per hectare. Use 150L/ha when spraying dense populations.

Aerial application

Trio Clethodim 250 Herbicide can be applied through aircraft fitted with boom or micronair equipment. A spray volume of 20 to 30 L/ha is recommended, and equipment should be adjusted to deliver a MEDIUM droplet size.

COMPATIBILITY

Grass Herbicides: Trio Clethodim 240 Herbicide is compatible with the following grass herbicides: Targa*, Fusilade*, Verdict*, Certain* and Correct* (refer to the Bayer Correct label for detail on adjuvant recommendations for that product).

NOTE: In all situations where Trio Clethodim 240 Herbicide is mixed with another grass herbicide, Trio Clethodim 240 Herbicide should be used at the full label rate specified for the target weed species.

Insecticides: Trio Clethodim 240 Herbicide may be applied in tank mixtures with the following products: alpha-cypermethrin and omethoate.

Trio Clethodim 240 Herbicide should not be applied in tank mixtures with diflufenican, bentazone or acifluorfen. Apply as separate applications.

For information on compatibility of products not listed, please refer to CTS Chemicals Pty Ltd.

CAUTION

Ornamentals and Trees - While Trio Clethodim 240 Herbicide is generally selective to broadleaf plants (i.e. it is active against grasses), tests should always be made on a small number of plants not previously tested.

DO NOT use Gymnosperms (pines, conifers etc.) unless a prior test has been conducted to check safety on the relevant species.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply Trio Clethodim 240 Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Trio Clethodim 240 Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift. Care should be taken to avoid damage to adjoining native grasses or grass crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

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NOTE: Add the following to the back and top label, not the booklet.

GHS STATEMENTS: