

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

**FMC** **Clethodim**  
**240 HERBICIDE**

ACTIVE CONSTITUENT: 240 g/L CLETHODIM  
SOLVENT: 806 g/L LIQUID HYDROCARBON

**GROUP A HERBICIDE**

For the 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 specified in the DIRECTIONS FOR USE table.

**IMPORTANT: READ THIS LEAFLET BEFORE USE**

**FMC**

FMC Crop Protection Pty Ltd  
Unit 26/8 Metroplex Avenue,  
Murarrie Qld 4172  
Phone: 1800 901 939

**DIRECTIONS FOR USE****RESTRAINTS:**

DO NOT apply without the addition of an adjuvant.

DO NOT apply to plants that are stressed by moisture or temperature extremes.

DO NOT apply if rain is expected within a one hour of application.

DO NOT apply FMC Clethodim 240 Herbicide more than once to any one crop.

Crop	Crop Growth Stage	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
Canola, Chickpeas, Faba beans, Field peas, Lentils @, Lupins #		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 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.
		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	250 to 500			
		Paradoxa grass, ( <i>Phalaris paradoxa</i> )	250 - 375  375	2 to 5 leaf stage 5-leaf to fully tillered	Qld, NSW, ACT only	@ Application up to 7-node/early-branching crop growth stage only.  # NOT Queensland

Crop	Crop Growth Stage	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
Cotton (Qld, NSW and NT only), peanuts, Mung Beans, Soybeans		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> ) 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	2 to 5 leaf stage	Qld, NSW, ACT, Vic WA, NT only	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.  See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.
			375	5-leaf to fully tillered		

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> ) Crow'sfoot 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	2 to 5 leaf stage	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 ( <i>Phalaris minor</i> )	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 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.
	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			Use a spray volume of 150L/ha when spraying dense grass populations.
	Winter grass ( <i>Poa annua</i> )	500			

Crop	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
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> ) Crow'sfoot 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 ( <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> )	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.

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

**WITHHOLDING PERIODS:**

<b>HARVEST:</b>	
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
BETROOT, 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
<b>GRAZING:</b>	
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 A HERBICIDE**

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

Since the occurrence of resistant weeds is difficult to detect prior to use, FMC Australia Pty Ltd accepts no liability for any losses that may result from the failure of FMC Clethodim 240 Herbicide to control resistant weeds.

**CLEANING SPRAY EQUIPMENT****Before using FMC 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 FMC Clethodim 240 Herbicide**

Empty the tank and drain the whole system.

Thoroughly wash 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 the 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 FMC Clethodim. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

## APPLICATION

### Ground Application

FMC Clethodim 240 Herbicide should be applied with calibrated spray equipment producing a median droplet range of 200 to 300 micron VMD. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.

### Aerial Application

FMC Clethodim 240 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 droplets in the range of 200-250 micron (VMD).

Best results will be obtained when aerial applications are made in a light crosswind. Applications should not be made during temperature inversions or in conditions of very low relative humidity. Care should be taken to avoid drift damage to adjoining grass crops.

## COMPATIBILITY

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

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

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

FMC 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 FMC Crop Protection Pty Ltd.

## CAUTION

**Ornamentals and Trees** – While FMC 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 on 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 FMC Clethodim 240 Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. FMC 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. Protect from frost.

Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

## SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. 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

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do not induce vomiting. Give a glass of water.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which is available from the supplier.

## WARRANTY

FMC Crop Protection Pty Ltd makes no warranty expressed or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. 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.

APVMA Approval No: 67809 /56903

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FMC Crop Protection Pty Ltd.  
A.B.N. 48 159 288 123  
Unit 26, 8 Metroplex Avenue  
Murarrie Qld 4172  
Phone: 1800 066 355  
[www.fmccrop.com.au](http://www.fmccrop.com.au)  
Technical Enquiries: 1800 901 939

In a Transport Emergency Dial <b>000</b> Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY <b>1800 033 111</b> ALL HOURS – AUSTRALIA WIDE
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