

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**CLETHODIM 240EC
SELECTIVE HERBICIDE**

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

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, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soy beans as per the Directions for Use Table.

THIS LEAFLET IS PART OF THE LABEL

4 Farmers Australia Pty Ltd

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Batch Number: _____ Date of Manufacture: _____

APVMA Approval No: 60966/54258

DIRECTIONS FOR USE:

Restrictions: 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 one hour of application

DO NOT apply 4Farmers Clethodim 240EC Selective 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 ⁽¹⁾ , 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 full flowering Field Peas: DO NOT APPLY beyond full flowering Lentils: Apply up to the 7 node/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, SA, WA only	Always apply with 4Farmers Turbo Charge Oil at 0.5L/100L spray volume or 4Farmers Speedy Spray at 1 L/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. ⁽¹⁾ 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</i> spp.)	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			
		Paradox Grass (<i>Phalaris paradoxa</i>)	250 to 375 375			
Cotton (Qld, NSW and NT only) Peanuts, Mung beans, Soybeans	Cotton: DO NOT APPLY after full flowering (mid bloom) Peanuts: DO NOT APPLY after the pod fill stage of crop development Mung Beans: DO NOT APPLY after the first flower buds are visible. Soybeans: DO NOT APPLY after the first flower buds are visible.	Barnyard Grass (<i>Echinochloa</i> spp.), 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 Sprangletop Grass (<i>Leptochloa filiformis</i>), Seedling Johnson Grass (<i>Sorghum halepense</i>), Summer Grass (<i>Digitaria</i> spp), Volunteer Sorghum (<i>Sorghum</i> spp).	250 to 375 375	2 to 5 leaf stage 5 leaf to fully tillered	Qld, NSW, ACT, Vic, WA, NT only	Always apply with 4Farmers Turbo Charge Oil at 0.5L/100L spray volume or 4Farmers Speedy Spray at 1 L/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.

CROP	WEEDS CONTROLLED	RATE (mL/ha)	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard Grass (<i>Echinochloa</i> spp.), 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 Sprangletop Grass (<i>Leptochloa filiformis</i>), Seedling Johnson Grass (<i>Sorghum halepense</i>), Summer Grass (<i>Digitaria</i> spp), Volunteer Sorghum (<i>Sorghum</i> spp).	250 to 375 375	2 to 5 leaf stage 5 leaf to fully tillered	All States	Always apply with 4Farmers Turbo Charge Oil at 0.5L/100L spray volume or 4Farmers Speedy Spray at 1 L/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 150 L/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 4Farmers Turbo Charge Oil at 0.5L/100L spray volume or 4Farmers Speedy Spray at 1 L/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 150 L/ha when spraying dense grass populations.
	Barley Grass (<i>Hordeum leporinum</i>), Brome Grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> spp.)	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			
	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</i> spp.), 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 Sprangletop 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</i> spp), Volunteer Sorghum (<i>Sorghum</i> spp), Volunteer Wheat (<i>Triticum aestivum</i>), Volunteer Oats (<i>Avena sativa</i>), Volunteer Barley (<i>Hordeum vulgare</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 4Farmers Turbo Charge Oil at 0.5L/100L spray volume or 4Farmers Speedy Spray at 1 L/100L spray volume. Use a spray volume of 150 L/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:

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

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.

GRAZING:

CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, 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.

Please turn over for General Instructions

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP A HERBICIDE

4Farmers Clethodim 240EC Selective Herbicide is a member of the cyclohexanedione group of herbicides. 4Farmers Clethodim 240EC Selective Herbicide has the inhibitor of acetyl coA carboxylase mode of action. For weed resistance management 4Farmers Clethodim 240EC Selective Herbicide is a Group A Herbicide. Some naturally occurring weed biotypes resistant to 4Farmers Clethodim 240EC Selective herbicide 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 4Farmers Clethodim 240EC Selective Herbicide or other Group A Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4 Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of 4Farmers Clethodim 240EC Selective Herbicide to control resistant weeds.

CLEANING SPRAY EQUIPMENT

Before using 4Farmers Clethodim 240EC Herbicide

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

After using 4Farmers Clethodim 240EC Herbicide

Empty the tank and drain the whole system.

Thoroughly wash inside of the tank using a pressure hose, drain the tank and clean all 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 and add the required amount of product. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

Ground Application

4Farmers Clethodim 240EC Selective Herbicide should be applied with calibrated spray equipment producing a median droplet range of 200 to 300 microns VMD. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.

Aerial Application

4Farmers Clethodim 240EC Selective 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 to 250 microns 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.

COMPATABILITY

4Farmers Clethodim 240EC Selective Herbicide is compatible with the following grass herbicides: Quizalofop-p-ethyl, Fluazifop, Haloxifop, Sethoxydim, and Propaquizafop (Refer to the Propaquizafop label for detail on adjuvant recommendations for that product).

NOTE: in all situations where 4Farmers Clethodim 240EC Selective Herbicide is mixed with another grass herbicide, 4Farmers Clethodim 240EC Selective Herbicide should be used at the full label rate specified for target weed species.

4Farmers Clethodim 240EC Selective Herbicide may also be applied in tank mixtures with one of the following products:

Sumi-Alpha 50 EC*, Sumi-Alpha Dual*, 100 g/L Alphacypermethrin Insecticide and Omethoate

4Farmers Clethodim 240EC Selective Herbicide should not be applied in a tank mix with Diflufenican, Basagran* or Blazer*.

Apply as separate applications.

For information on compatibility of products not listed, please refer to 4 Farmers Australia Pty Ltd.

CAUTION

Ornamentals and Trees – While 4Farmers Clethodim 240EC Selective Herbicide is generally selective to broad leaved plants (i.e. it is active against grasses), tests should always be made on a smaller 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 4Farmers Clethodim 240EC Selective Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. 4Farmers Clethodim 240EC Selective 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 product 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 the 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.

Refillable Containers

(1000L only)

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

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 chemical resistant gloves, 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, 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.

SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

CONDITIONS OF SALE

The use of 4Farmers Clethodim 240EC Herbicide, being beyond the control of the manufacturer, no warranty expressed or implied is given by 4 Farmers Australia Pty Ltd regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the directions or not and 4 Farmers Australia Pty Ltd accepts no responsibility for any consequences whatsoever resulting from the use of this product

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In a Transport Emergency Dial 000 Police or Fire Brigade	Special Poisons Advice: 13 11 26
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