

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



Clethodim 240 EC

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CLETHODIM
SOLVENT: 606 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, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans as per the Directions for Use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 20 LITRES

Australis Crop Protection Pty Ltd

ABN 94 150 711 185

Shop 4, 30 Heber Street, Moree NSW 2400

Telephone: 0417 329 133 • Facsimile: 07 3337 9882

www.austcrop.com.au

BATCH NO:

DATE OF MANUFACTURE:



Clethodim 240 EC

SELECTIVE HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. 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, triple rinse, 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. Empty containers and product must not be burnt.

For Refillable Containers: Store in the closed, original container in a dry, 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 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 131126. 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 can be obtained from the supplier.

CONDITIONS OF SALE: The use of ACP Clethodim 240 EC Selective Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Australis Crop Protection Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Australis Crop Protection Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

APVMA Approval No.: 68774/59052

IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE



AUSTRALIS
CROP PROTECTION

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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 one hour of application.

DO NOT apply ACP Clethodim 240 EC 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 [®] , Lupins [#] | <p>Canola: DO NOT APPLY after flower buds become visible (green buds)</p> <p>Chickpeas: DO NOT APPLY beyond full flowering</p> <p>Faba beans: DO NOT APPLY beyond full flowering</p> <p>Field peas: DO NOT APPLY beyond full flowering</p> <p>Lentils: Apply up to 7 nodes / early branching stage of crop growth</p> <p>Lupins: DO NOT APPLY after 80% of flowers have opened</p> | 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 | <p>* Always apply with DC Trate at 2 L/ha or Hasten at 1 L/ha or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L spray volume.</p> <p>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.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.</p> <p>[®] Application up to 7-node/early-branching crop growth stage only.</p> <p>[#] NOT Queensland</p> |
| | | 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 | 2 to 5 leaf stage 5-leaf to fully tillered | Qld, NSW, ACT only | |
| | | Silver Grass (<i>Vulpia bromoides</i>) – suppression only | 250 to 500 | | | |
| | | Paradoxa Grass (<i>Phalaris paradoxa</i>) | 250 - 375 375 | | | |

| 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 | <p>Cotton: DO NOT APPLY after full flowering (mid bloom)</p> <p>Peanuts: DO NOT APPLY after the pod fill stage of crop development</p> <p>Mung beans: DO NOT APPLY after first flower buds are visible</p> <p>Soybeans: DO NOT APPLY after first flowers are visible</p> | 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 | 2 to 5 leaf stage | Qld, NSW, ACT, Vic WA, NT only | Always apply with DC Trate at 2 L/ha or Hasten at 1 L/ha or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L 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</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 | 2 to 5 leaf stage | All States | Always apply with DC Trate at 2 L/ha or Hasten at 1 L/ha or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L 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. |
| | | | 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 – <i>continued</i> | 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 2 L/ha or Hasten at 1 L/ha or Kwickin at 1 L/100L or Uptake at 500 mL/100 L 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 Barley (<i>Hordeum vulgare</i>), Volunteer Oats (<i>Avena sativa</i>), Volunteer Sorghum (<i>Sorghum</i> spp.), 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 2 L/ha or Hasten at 1 L/ha or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L 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.

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 STOCKFEED.

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

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

| | | |
|-------|----------|-----------|
| GROUP | A | HERBICIDE |
|-------|----------|-----------|

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

CLEANING SPRAY EQUIPMENT

Before using ACP Clethodim 240 EC Selective Herbicide

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

After using ACP Clethodim 240 EC Selective Herbicide

Empty the tank and drain the whole system.

Thoroughly wash inside 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 ACP Clethodim 240 EC Selective Herbicide. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

Ground Application

ACP Clethodim 240 EC Selective 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

ACP Clethodim 240 EC 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 200-250 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: ACP Clethodim 240 EC Selective 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 ACP Clethodim 240 EC Selective Herbicide is mixed with another grass herbicide, ACP Clethodim 240 EC Selective Herbicide should be used at the full label rate specified for the target weed species.

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

ACP Clethodim 240 EC Selective 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 Australis Crop Protection Pty Ltd.

CAUTION

Ornamentals and Trees – While ACP Clethodim 240 EC Selective 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 ACP Clethodim 240 EC Selective Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. ACP Clethodim 240 EC 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 chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. 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, triple rinse, 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. Empty containers and product must not be burnt.

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