

# Clethim 240 EC

## HERBICIDE

### 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 FARMALINX Clethim 240 EC Herbicide more than once to any one crop.

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/HA	STAGE OF WEED GROWTH	RATE	CRITICAL COMMENTS
Canola, Chickpeas, Faba beans, Field peas, Lentils*, Lupins#	<b>Canola:</b> DO NOT APPLY after flower buds become visible (green buds) <b>Chickpeas:</b> DO NOT APPLY beyond full flowering <b>Faba beans:</b> DO NOT APPLY beyond full flowering <b>Field peas:</b> DO NOT APPLY beyond full flowering <b>Lentils:</b> Apply up to the 7 node/early branching stage of crop growth <b>Lupins:</b> 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 D-C-Trate* at 2 L/100 L or Hasten* at 1 L/100 L or Kwicken* 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. * Application up to 7-node/earlybranching crop growth stage only.
		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			
		Paradoxa Grass ( <i>Phalaris paradoxa</i> )	250 to 375			
Cotton (Qld, NSW and NT only), Peanuts, Mung beans, Soybeans	<b>Cotton:</b> DO NOT APPLY after full flowering (mid bloom) <b>Peanuts:</b> DO NOT APPLY after the pod fill stage of crop development <b>Mung beans:</b> DO NOT APPLY after first flower buds are visible <b>Soybeans:</b> DO NOT APPLY after first flower buds are visible	Barley Grass ( <i>Hordeum leporinum</i> ), Brome Grass ( <i>Bromus diandrus</i> ), Wild Oats ( <i>Avena</i> spp.)	250 to 375	2- to 5-leaf stage	Qld, NSW, ACT, Vic, WA, NT only	Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwicken 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.
		Paradoxa Grass ( <i>Phalaris paradoxa</i> )	375	5-leaf to fully tillered		
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 avenacea</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> ), 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.)	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 D-C-Trate at 2 L/100 L or Hasten at 1 L/100L or Kwicken 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.

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 avenacea</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 D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwicken 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 fully tillered			
		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 D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwicken 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.
		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 avenacea</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 D-C-Trate at 2 L/100 L or Hasten at 1 L/100L or Kwicken 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.**

### WITHOLDING 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, 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.

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CONTINUED OVERLEAF

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. Give a glass of water.

### FIRST AID

After each day's use, wash gloves, face shield or goggles, wash hands and contaminated clothing. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. If product in eyes, wash it out immediately with water.

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

### SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. 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 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 regulation. Do not burn empty containers or product. Environment Micro Matic Valve (110 L): Store the original sealed Environment in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Environment with water disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Environment have been used, please return to the Environment to the point of purchase. The Environment remains the property of FARMALINX Pty Ltd.

### STORAGE AND DISPOSAL

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

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Care should be taken to avoid damage to adjoining native grasses or grass crops. FARMALINX Clethim 240 EC Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift. pastures.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply FARMALINX Clethim 240 EC Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures.

### MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS).

A material safety data sheet for FARMALINX Clethim 240 EC Herbicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

\* Other trademarks

**farmalinx**  
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APVMA Approval No.: 64367/56731

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

FARMALINX

**Clethim 240 EC**

HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CLETHODIM  
SOLVENT: 663 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 soybeans as per the Directions for Use table.

IMPORTANT: THIS LABEL IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT

FARMALINX Pty Ltd ABN 95 134 353 245  
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Bondi Junction NSW 2022

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### GENERAL INSTRUCTIONS

#### RESISTANT WEEDS WARNING

FARMALINX Clethim 240 EC Herbicide is a member of the cyclohexanedione group of herbicides. FARMALINX Clethim 240 EC Herbicide has the inhibition of acetyl coA carboxylase mode of action. For weed resistance management, FARMALINX Clethim 240 EC Herbicide is a Group A Herbicide. Some naturally-occurring weed biotypes resistant to FARMALINX Clethim 240 EC 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 FARMALINX Clethim 240 EC Herbicide or other Group A Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, FARMALINX Pty Ltd accepts no liability for any losses that may result from the failure of FARMALINX Clethim 240 EC Herbicide to control resistant weeds.

#### CLEANING SPRAY EQUIPMENT

##### Before using FARMALINX Clethim 240 EC Herbicide

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

##### After using FARMALINX Clethim 240 EC Herbicide

Empty the tank and drain the whole system. Thoroughly wash inside 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.

GROUP **A** HERBICIDE

DO NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species. (Refer to the Bayer Correct label for detail on adjacent recommendations for that product).

FARMALINX Clethim 240 EC Herbicide is compatible with the following grass herbicides: Targa\*, Fuslade\*, Verdict\*, Sertin\* and Correct\*. (Refer to the Bayer Correct label for detail on adjacent recommendations for that product).

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

FARMALINX Clethim 240 EC Herbicide may also be applied in tank mixtures with one of the following products: Sumi-Alpha\* 50 EC, Sumi-Alpha\* Dual, Fastac\* 100 and Le-Mat\*.

FARMALINX Clethim 240 EC Herbicide should not be applied in a tank mix with Brodal\*, Basagran\* or Blazer\*. Apply as separate applications.

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

### Caution:

*Ornamentals and Trees* - White FARMALINX Clethim 240 EC Herbicide is generally selective to broadleaved 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.

### APPLICATION

**Ground Application**  
FARMALINX Clethim 240 EC 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**  
FARMALINX Clethim 240 EC Herbicide can be applied through aircraft fitted with boom or Microaerial 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.

### COMPATIBILITY

FARMALINX Clethim 240 EC Herbicide is compatible with the following grass herbicides: Targa\*, Fuslade\*, Verdict\*, Sertin\* and Correct\*. (Refer to the Bayer Correct label for detail on adjacent recommendations for that product).

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

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