

Finished size of Leaflet is approximately 93.5mm wide x 128.5mm deep (that is the folded leaflet size - opened out it's 187mm wide x 128.5mm deep) – THIS LEAFLET IS AT 100%

### **CAUTION**

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

# **CHOICE CLEODIM 240 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 soy beans as per the Directions for Use Table

**APVMA APPROVAL NO: 61532/1206**

**THIS BOOKLET IS PART OF THE LABEL**



**GROW CHOICE PTY LTD**

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**DIRECTIONS FOR USE:** DO NOT apply without the addition of an adjuvant.  
**Restrictions:** 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 Choice Cleodim 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 <sup>(1)</sup> , Lupins*	<b>Canola:</b> DO NOT APPLY after flower buds become visible (greenbuds)	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-Treat <sup>®</sup> at 2L/100L or Protec <sup>®</sup> Plus at 1L/100L or Penatrol Spraying Oil at 500mL/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.  <sup>(1)</sup> Application up to 7- node/early – branching crop growth stage only. *Not Queensland.
	<b>Chickpeas:</b> DO NOT APPLY beyond full flowering	Barley grass ( <i>Hordeum leporinum</i> ) Brome grass ( <i>Bromus diandrus</i> ) Wild Oats ( <i>Avena spp.</i> )	175 to 250			
Faba beans: DO NOT APPLY beyond full flowering	<b>Faba beans:</b> DO NOT APPLY beyond full flowering	Volunteer wheat ( <i>Triticum aestivum</i> ) Volunteer oats ( <i>Avena sativa</i> )	200* to 250 *(175 to 250 in WA only)			
	<b>Field Peas:</b> DO NOT APPLY beyond full flowering	Volunteer barley ( <i>Hordeum vulgare</i> ) Silver grass ( <i>Vulpia bromoides</i> ) – suppression only Paradox grass ( <i>Phalaris paradoxa</i> )	250 250 to 500 250 to 375 375	2 to 5 leaf stage 5 leaf to fully tillered	NSW, ACT, Vic, Tas only Qld, NSW, ACT only	

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	<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 the first flower buds are visible <b>Soybeans:</b> DO NOT APPLY after the first flower buds are visible	Barnyard grass ( <i>Echinochloa</i> spp.) Blown grass ( <i>Acrostis awaeaceae</i> ), Crowsfoot grass ( <i>Eriusine indica</i> ) Feathertop Rhodes grass ( <i>Chloris virgata</i> ) Liverseed grass ( <i>Utrichloa panicoides</i> ) Red sprangletop grass ( <i>Lepidochloa filiformis</i> ) Seedling Johnson grass ( <i>Styragnum 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 D-C-Tate <sup>®</sup> at 2L/100L or Protec <sup>®</sup> Plus at 1L/100L or Penatrol Spraying Oil at 500mL/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 (cont.)	Annual ryegrass ( <i>Lolium rigidum</i> ) Annual phalaris ( <i>Phalaris minor</i> )	150 to 250	2-leaf to fully tilled	All States	Always apply with D-C-Trale* at 2L/100L or Protec* Plus at 1L/100L or Penatrol Spraying Oil at 500mL/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.
	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>Alpha bromoides</i> ) – suppression only (not Qld, WA)	250 to 500			
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> ) Bartley grass ( <i>Hordeum bogotense</i> ) Barnyard grass ( <i>Echinochloa</i> spp.) Blown grass ( <i>Agrostis avenaeae</i> ) Brome grass ( <i>Bromus diandrus</i> ) Crowfoot grass ( <i>Elymus 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-Treat* at 2L/100 L or Protec* Plus at 1L/100L or Penatrol Spraying Oil at 500 mL/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:

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



## GENERAL INSTRUCTIONS

### RESISTANT WEEDS WARNING

#### **GROUP A HERBICIDE**

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

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

#### **CLEANING SPRAY EQUIPMENT**

##### **Before using Choice Cleodim 240**

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

##### **After using Choice Cleodim 240**

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**

Choice Cleodim 240 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 150L/ha when spraying dense populations.

##### **Aerial Application**

Choice Cleodim 240 Herbicide can be applied through aircraft fitted with boom or Micronair equipment. A spray volume of 20 to 30L/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**

Choice Cleodim 240 Herbicide is compatible with the following grass herbicides: Targa\*, Fusilade\*, Haloxyfop 520, Sertin\* and Correct\* (Refer to the Bayer Correct label for detail on adjuvant recommendations for that product).

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

Choice Cleodim 240 Herbicide may also be applied in tank mixtures with one of the following products:

Sumi-Alpha 50 EC, Sumi-Alpha Dual, Alpha-cypermethrin 100 Insecticide and Omethoate 290.

Choice Cleodim 240 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 Grow Choice Pty Ltd.

**CAUTION**

Ornamentals and Trees – While Choice Cleodim 240 Herbicide is generally selective to broadleaved 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 Choice Cleodim 240 Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Choice Cleodim 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 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 500mm 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, 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 131 126).

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.

#### **NOTICE TO BUYER**

Grow Choice Pty. Ltd. will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.

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