

CAUTION

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

Kenso Agcare Cletho 240 EC

Selective Herbicide



**ACTIVE CONSTITUENT: 240g/L CLETHODIM
SOLVENT: 663g/L LIQUID HYDROCARBONS**

GROUP	A	HERBICIDE
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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 in the attached booklet.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

APVMA Approval No.: 58945/50445

Contents: 1L, 5L, 20L, 110L, 200L, 1000L



Kenso Corporation (M) Sdn Bhd
3C / 59, Oxford Street,
Bulimba QLD 4171
Phone (07) 32179788

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 container before disposal. Add rinsing 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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. DO NOT burn empty container or product.

110L Mini Bulk Returnable Container (110L only)

Store the original sealed drum 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 drum with water or any foreign matter.

After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drum remains the property of Kenso Corporation (M) Sdn Bhd.

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, 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

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade

Batch No:

Date of Manufacture:

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Kenso Agcare Cletho 240 EC

Selective Herbicide

**ACTIVE CONSTITUENT: 240 g/L CLETHODIM
SOLVENT: 663 g/L LIQUID HYDROCARBONS**

GROUP	A	HERBICIDE
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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 in the attached booklet.

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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 Cletho 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 ¹ , Lupins [#]	Canola: Do Not apply after flower buds become visible (green buds)	Annual ryegrass (<i>Lolium rigidum</i>) Annual phalaris (<i>Phalaris minor</i>)	150 to 500	2-leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, SA, WA only	Always apply with D-C- Trate * at 2 L/100L or Hasten* at 1 L/100L or Kwickin* at 1L/100L or Uptake * 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. ¹ Application up to 7-node/ early-branching crop growth stage only. [#] NOT QLD		
		Chickpeas: Do Not apply beyond full flowering	Barley grass (<i>Hordeum leporinum</i>) Brome grass (<i>Brome diandrus</i>) Wild Oats (<i>Avena</i> spp.)				175 to 500	
	Faba beans: Do Not apply beyond full flowering	Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200* to 500 *(175 to 500 in WA only)					
	Field Peas: Do Not apply beyond full flowering	Volunteer barley (<i>Hordeum vulgare</i>)	500					
		Lentils: Apply up to the 7 node/early branching stage of crop growth	Silver grass (<i>Vulpia bromoides</i>) – suppression only				250 to 500	
	Lupins: Do Not apply after 80% of flowers have opened	Paradoxa grass (<i>Phalaris paradoxa</i>)	250 to 375 375 to 500				2- to 5-leaf stage 5 leaf to fully tillered	NSW, ACT, Vic, Tas only
								Qld, NSW, ACT only
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 to 500	2- to 5- leaf stage 5 leaf to fully tillered	Qld, NSW, ACT, Vic, WA, NT only	Always apply with D-C- Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake 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	Barnyard grass (<i>Echinochloa spp</i>)	250 to 375	2- to 5- leaf stage	All States	<p>Always apply with D-C-Trate at 2 L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L 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>Use a spray volume of 150 L/ha when spraying dense grass populations.</p> <p>¹ Only Johnson Grass seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.</p>
	Blown grass (<i>Agrostis aveacea</i>), Cowsfoot 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 spp</i>), Volunteer sorghum (<i>Sorghum spp</i>)	375 – 500	5-leaf to fully tillered		
	Annual ryegrass (<i>Lolium rigidum</i>), Annual phalaris (<i>Phalaris minor</i>)	150 to 500	2-leaf to fully tillered		
	Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena spp</i>)	175 to 500			
	Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200* to 500* (175 to 500 in WA only)			
	Volunteer barley (<i>Hordeum vulgare</i>)	500			
	Silver grass (<i>Vulpia 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>), Barley grass (<i>Hordeum leporinum</i>), Barnyard grass (<i>Echinochloa spp.</i>), Blown grass (<i>Agrostis aveacea</i>), Brome grass (<i>Bromo diandrus</i>), Crowsfoot (<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 spp.</i>), Volunteer sorghum (<i>Sorghum spp.</i>), Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>), Volunteer barley (<i>Hordum vulgare</i>), Winter grass (<i>Poa annua</i>)	500	2-leaf to fully tillered	All States	<p>Apply after plants have recovered from transplant shock and are showing signs of active growth. Always with D-C-Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500 mL/100L spray volume.</p> <p>Use a spray volume of 150 L/ha when spraying dense grass populations.</p> <p>Do NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.</p> <p>¹ Only Johnson Grass seedlings germinating from from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.</p>

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

WITHHOLDING PERIODS:**HARVEST:**

CANOLA, COTTON, PEANUTS, CHICKPEAS, FABA BEANS, FIELD PEAS, FORESTRY, LENTILS, LUPINS, MUNG BEANS, SOYBEANS: WITHHOLDING PERIOD 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, PEANUTS, 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
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Cletho 240 EC Selective Herbicide is a member of the cyclohexanedione group of herbicides. Cletho 240 EC Selective Herbicide has the inhibition of acetyl-coA carboxylase mode of action. For weed resistance management, Cletho 240 EC Selective Herbicide is a Group A Herbicide. Some naturally occurring weed biotypes resistant to Cletho 240 EC 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 Cletho 240 EC Selective Herbicide or other Group A Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Corporation (M) Sdn Bhd accepts no liability for any losses that may result from the failure of Cletho 240 EC Selective Herbicide to control resistant weeds.

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:**

Cletho 240 EC 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:

Cletho 240 EC Selective Herbicide can be applied through aircraft fitted with boom or Micron air 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

Cletho 240 EC Selective Herbicide is compatible with the following grass herbicides: Quizalofop-P-ethyl, Fluazifop-P, Haloxyfop-R, Sethoxydim and Propaquizafop. NOTE: In all situations where Cletho 240 EC Selective Herbicide is mixed with another grass herbicide, Cletho 240 EC Selective Herbicide should be used at the full label rate specified for the target weed species.

Cletho 240 EC Selective Herbicide may also be applied in tank mixtures with one of the following products: Esfenvalerate, Sumi-Alpha¹ Dual, Ken-Tac 100 and Omethoate.

Cletho 240 EC Selective Herbicide should not be applied in a tank mix with Legacy 500, Bentazone or Acifluorfen. Apply as separate applications.

For information on compatibility of products not listed, please refer to Kenso Agcare.

CAUTION

Ornamentals and Trees - While Cletho 240 EC Selective Herbicide is generally selective to broad leaved 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 Cletho 240 EC Selective Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Cletho 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 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 rinsing 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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. DO NOT burn empty container or product.

110L Mini Bulk Returnable Container (110L only)

Store the original sealed drum 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 drum with water or any foreign matter.

After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drum remains the property of Kenso Corporation (M) Sdn Bhd.

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 products 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. 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

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

In a Transport Emergency Dial 000 Police or Fire Brigade



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