

2024-5803  
2024-12-05

# CHOP CLETHODIM 240 EC

**EMULSIFIABLE CONCENTRATE  
POST-EMERGENCE HERBICIDE**

GROUP

1

HERBICIDE

## **CONTAINS CLETHODIM**

POST-EMERGENCE HERBICIDE FOR CONTROL OF GRASSES IN SEEDLING ALFALFA, LEGUME VEGETABLES (SUCCULENT OR DRIED), EDAMAME, HIGHBUSH BLUEBERRY, CANOLA, BASIL, CORIANDER, DILL, CARAWAY, FENUGREEK, CRANBERRY, FLAX (including low linolenic acid varieties), ORIENTAL (BROWN) MUSTARD (condiment and oilseed types), *BRASSICA CARINATA*, YELLOW MUSTARD, DRY BULB ONIONS, DRY BULB SHALLOTS AND GARLIC, POTATOES, PRAIRIE CARNATIONS, SAFFLOWER, SOYBEANS, SPINACH, SUNFLOWERS, RED GARDEN (TABLE) BEET, PARSNIP, CARROT, RADISH, CELERIAC, CHERRY (tart and sweet), CERTAIN HERBS, SPICES, HOPS, CHINESE CABBAGE (napa), CELERY AND BUCKWHEAT.

## **COMMERCIAL (AGRICULTURAL)**

**ACTIVE INGREDIENT: CLETHODIM..... 240 g/L**

REGISTRATION NO. 35361 PEST CONTROL PRODUCTS ACT

**WARNING: EYE AND SKIN IRRITANT**

**KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL AND BOOKLET BEFORE USING**

**NET CONTENTS: (250 mL – 1,000 LITRES)**

### **Enrich Agrochemical Company Limited**

Add: 54 Rue Dumas, Candiac, Montreal, Quebec J5R 6K6 Canada

Canadian Representative

### **Hanson Industry Company**

Add: 400 Sangeet Place, Richmond, Ontario K0A 2Z0

Tel: 519 702 2185

Email: hanshuyou@gmail.com

**FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call  
CHEMTREC 1-800-424-9300**

## **PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN. CAUSES EYE AND SKIN IRRITATION.** Avoid contact with skin, eyes and clothing. Wash concentrate from skin or eyes immediately. Do not inhale fumes. Avoid breathing vapours or spray mist. After use, wash hands and other exposed skin. When using, do not eat, drink or smoke. Remove and launder contaminated clothing separately from household laundry before reuse. Store the container tightly closed and away from seeds, feeds, fertilizer, plants and foodstuffs. Observe appropriate provincial buffer zones around bodies of water and wetland areas. Wear goggles or face shield, rubber apron, socks and rubber boots, long-sleeved shirt, long pants, and chemical-resistant gloves when handling the concentrate, mixing, loading, or during clean-up and repair. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during application. Chemical resistant gloves are not required to be worn during groundboom or aerial application within a closed cab or cockpit.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

**DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.**

## **ENVIRONMENTAL PRECAUTIONS:**

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## **FIRST AID:**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do **not** give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance,

then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying stomach.

### **STORAGE AND DISPOSAL**

**STORAGE:** Store this product away from food or feed.

#### **DISPOSAL:**

**RECYCLABLE CONTAINER DISPOSAL:** DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

**DISPOSAL OF UNUSED, UNWANTED PRODUCT:** For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

# CHOP CLETHODIM 240 EC

## EMULSIFIABLE CONCENTRATE POST-EMERGENCE HERBICIDE

GROUP	1	HERBICIDE
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### CONTAINS CLETHODIM

POST-EMERGENCE HERBICIDE FOR CONTROL OF GRASSES IN SEEDLING ALFALFA, LEGUME VEGETABLES (SUCCULENT OR DRIED), EDAMAME, HIGHBUSH BLUEBERRY, CANOLA, BASIL, CORIANDER, DILL, CARAWAY, FENUGREEK, CRANBERRY, FLAX (including low linolenic acid varieties), ORIENTAL (BROWN) MUSTARD (condiment and oilseed types), *BRASSICA CARINATA*, YELLOW MUSTARD, DRY BULB ONIONS, DRY BULB SHALLOTS, GARLIC, POTATOES, PRAIRIE CARNATIONS, SAFFLOWER, SOYBEANS, SPINACH, SUNFLOWERS, RED GARDEN (TABLE) BEET, PARSNIP, CARROT, RADISH, CELERIAC, CHERRY (tart and sweet), CERTAIN HERBS, SPICES, HOPS, CHINESE CABBAGE (NAPA), CELERY and BUCKWHEAT.

### COMMERCIAL (AGRICULTURAL)

**ACTIVE INGREDIENT: CLETHODIM..... 240 g/L**

REGISTRATION NO. 35361 PEST CONTROL PRODUCTS ACT

**WARNING: EYE AND SKIN IRRITANT**

**KEEP OUT OF REACH OF CHILDREN**

**READ THE LABEL AND BOOKLET BEFORE USING**

**NET CONTENTS: (250 mL – 1,000 LITRES)**

**Enrich Agrochemical Company Limited**

Add: 54 Rue Dumas, Candiac, Montreal, Quebec J5R 6K6 Canada

Canadian Representative

**Hanson Industry Company**

Add: 400 Sangeet Place, Richmond, Ontario K0A 2Z0

Tel: 519 702 2185

Email: [hanshuyou@gmail.com](mailto:hanshuyou@gmail.com)

**FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call  
CHEMTREC 1-800-424-9300**

**GENERAL INFORMATION:**

**CHOP CLETHODIM 240 EC** is a selective post-emergence herbicide for control of a broad range of grasses in seedling alfalfa, legume vegetables (succulent or dried), edamame, highbush blueberry, canola, basil, coriander, dill, caraway, fenugreek, cranberry, flax (including low linolenic acid varieties), oriental (brown) mustard (condiment and oilseed types), *Brassica carinata*, safflower, yellow mustard, dry bulb onions, dry bulb shallot, garlic, potatoes, prairie carnation, soybeans, spinach, sunflowers, red garden (table) beet, parsnip, carrot, radish, celeriac, cherry (tart and sweet), certain herbs, spices, hops, Chinese cabbage (napa), celery and buckwheat.

**CHOP CLETHODIM 240 EC needs to be applied with an adjuvant (see Application Instructions under the Directions For Use).**

**CHOP CLETHODIM 240 EC** is a systemic herbicide which is translocated from the treated foliage to the growing points of the leaves, shoots and roots. Uptake into the plant is primarily through its leaves. Thorough coverage of the foliage is important for consistent grass control. Susceptible grasses that are actively growing will undergo a burn-back and colour change after treatment. Leaf foliage will first change from green to yellowish, then purplish and finally brown colour. The time required for complete control is normally 7 to 21 days following treatment, depending on growing conditions and crop competition.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN. CAUSES EYE AND SKIN IRRITATION.** Avoid contact with skin, eyes and clothing. Wash concentrate from skin or eyes immediately. Do not inhale fumes. Avoid breathing vapours or spray mist. After use, wash hands and other exposed skin. When using, do not eat, drink or smoke. Remove and launder contaminated clothing separately from household laundry before reuse. Store the container tightly closed and away from seeds, feeds, fertilizer, plants and foodstuffs. Observe appropriate provincial buffer zones around bodies of water and wetland areas. When handling the concentrate, mixing, loading or during cleanup and repair activities, wear goggles or face shield, rubber apron, chemically resistant gloves, rubber boots, long sleeved shirt and long legged pants. During application, wear long sleeved shirt, long legged pants and chemical-resistant gloves. Chemical resistant gloves are not required to be worn during groundboom or aerial application within a closed cab or cockpit.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

**DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.**

**ENVIRONMENTAL PRECAUTIONS:**

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product contains aromatic petroleum distillates that are toxic to aquatic organisms.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

#### **FIRST AID:**

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**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Danger from lung aspiration of petroleum based solvents must be weighed against toxicity when considering emptying stomach.

#### **STORAGE AND DISPOSAL**

**STORAGE:** Store this product away from food or feed.

#### **DISPOSAL:**

**RECYCLABLE CONTAINER DISPOSAL:** DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

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2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in

accordance with provincial/territorial requirements.

**DISPOSAL OF UNUSED, UNWANTED PRODUCT:** For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

#### **DIRECTIONS FOR USE:**

**CHOP CLETHODIM 240 EC** is to be used only on seedling alfalfa, legume vegetables (succulent or dried), edamame, highbush blueberry, canola, basil, coriander, dill, caraway, fenugreek, cranberry, flax (including low linolenic acid varieties), oriental (brown) mustard (condiment and oilseed types), *Brassica carinata*, safflower, yellow mustard, dry bulb onions, dry bulb shallots, garlic, potatoes, prairie carnations, soybeans, spinach, sunflowers, red garden (table) beet, parsnip, carrot, radish, celeriac, cherry (tart and sweet), certain herbs, spices, hops, Chinese cabbage (napa), celery and buckwheat.

Not for use in greenhouses.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

A 30-day plant-back interval should be observed for all unlabelled crops.

#### **APPLICATION INSTRUCTIONS**

##### **ADJUVANTS**

Apply **CHOP CLETHODIM 240 EC** with Journey HSOC at 0.5% v/v. Consult the adjuvant labels for complete directions for use and application instructions such as rate.

##### **TIME OF APPLICATION:**

Apply **CHOP CLETHODIM 240 EC** when the annual grasses and volunteer cereals are in the 2 to 6 leaf stage as specified under Application Rates of **CHOP CLETHODIM 240 EC**. Most effective control is achieved when application is made prior to tillering when annual grasses are small and actively growing.

For suppression or control of quackgrass, apply **CHOP CLETHODIM 240 EC** when the quackgrass is in the 2 to 6 leaf stage and 6 to 15 cm in height. Most effective results are achieved when application is made at the 3 to 5 leaf stage, when the canopy is uniform and actively growing.

**CHOP CLETHODIM 240 EC** will be less effective when plants are stressed by lack of moisture, excessive moisture, low-temperature and/or very low relative humidity. Regrowth by tillering may occur if application is made under any of the above stress conditions. In wide row crops, where the canopy may be slow to close, cultivation may be necessary to control grasses that emerge after treatment.

For chickpeas, apply **CHOP CLETHODIM 240 EC** at a maximum of one application per season before the crop reaches the 9 node stage (18 cm height maximum) and when the

annual grasses and volunteer cereals are in the 2 to 6 leaf stage.

For dill and fenugreek, apply **CHOP CLETHODIM 240 EC** post-emergence, when dill or fenugreek is in the 3 to 5 leaf stage at a maximum of one application per season.

For coriander, or prairie carnation, apply **CHOP CLETHODIM 240 EC** post-emergence, when coriander or prairie carnation is in the 2 to 5 leaf stage. A maximum of one application may be made per year.

For safflower, apply **CHOP CLETHODIM 240 EC** post-emergence, when safflower is in the 6 to 8 leaf stage at a maximum of one application per season.

Cranberry is tolerant to **CHOP CLETHODIM 240 EC** at all stages of growth, however, do not apply **CHOP CLETHODIM 240 EC** between the hook stage and full fruit set.

For dry bulb onions, dry bulb shallots and garlic, apply **CHOP CLETHODIM 240 EC** post-emergence, when crops are in the 1-4 leaf stage.

Apply **CHOP CLETHODIM 240 EC** only to established sweet and tart cherry trees. The pre-harvest interval outlined in the Crop Recommendations table must be followed to avoid excessive crop residues.

All other labelled crops are tolerant to **CHOP CLETHODIM 240 EC** at all stages of growth. However, the pre-harvest interval outlined in the Crop Recommendations table must be followed to avoid excessive crop residues.

#### **APPLICATION RATES OF CHOP CLETHODIM 240:**

Rates of use are given below to control various grass species. Apply **CHOP CLETHODIM 240 EC** with JOURNEY HSOC. Refer to crop section for the maximum use rate on each crop.

<b>Grass Species</b>	<b>Leaf Stage</b>	<b>Application Rate of CHOP CLETHODIM 240 EC<sup>®</sup></b>	<b>Application Rate of JOURNEY HSOC</b>
*Foxtail (green, yellow) Wild oats Volunteer cereals (wheat, barley, oats)	2 to 4	0.125 L/ha	0.5 % v/v
Barnyard Grass Witchgrass Fall panicum Proso millet Volunteer Corn Volunteer canary grass	2 to 6	0.125 L/ha	0.5 % v/v
Wild Oats Volunteer cereals (wheat, barley, oats) Foxtail (green, yellow)	2 to 6	0.19 L/ha	0.5 % v/v

Persian darnel  
Crabgrass (smooth and large)

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Proso millet  
Witchgrass  
Fall panicum  
Barnyard grass  
Volunteer corn  
Volunteer canary grass  
Quackgrass suppression

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Quackgrass control**	2 to 6	0.38 L/ha	n/a
Annual bluegrass suppression	2 to 6	0.38 L/ha	0.5 % v/v

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\***CHOP CLETHODIM 240 EC** applied at 0.125 L/ha for the control of weeds listed in this section of the table should only be applied under the following conditions:

- Good crop stand
- Early application (as in above table, prior to tillering)
- Do not tank-mix with other pesticides
- Do not apply to volunteer winter cereals
- Light to moderate weed infestation
- Adequate moisture and fertility
- Absence of stress, good growing conditions

If any one of the above conditions are not present at the time of application, use 0.19 L/ha rate of **CHOP CLETHODIM 240 EC**.

\*\* For adequate control, use a minimum spray volume of 100L / ha.

**CROP RECOMMENDATIONS:**

Crops	Maximum Application Rate of CHOP Clethodim 240 EC	Application Method <sup>7</sup>	Pre-Harvest Interval
Seedling Alfalfa	0.38 L/ha	Ground application only	30 days
Pigeon Pea <sup>1,2</sup>	0.19 L/ha	Ground and aerial application	75 days
<p><b>Edamame and Edible-podded legume vegetables (Crop subgroup 6A):</b> Bean (<i>Phaseolus</i> spp.) (includes runner bean, snap bean, wax bean), Bean (<i>Vigna</i> spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean), Jackbean (<i>Canavalia ensiformis</i>), Pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-pod pea, snow pea, sugar snap pea), Sword bean (<i>Canavalia gladiata</i>).</p> <p><b>Succulent shelled peas and beans (Crop subgroup 6B):</b> Bean (<i>Phaseolus</i> spp.) (includes lima bean, green bean), Bean (<i>Vigna</i> spp.) (includes blackeyed pea, cowpea, southern pea), Broad bean (fava bean) (<i>Vicia faba</i>), Pea (<i>Pisum</i> spp.) (includes English pea, garden pea, green pea), Pigeon pea (<i>Cajanus cajan</i>)<sup>1,2,5</sup></p>	0.19 L/ha	Ground application only	21 days

<p><b>Dried Shelled Pea and Bean (Crop subgroup 6C) (except soybean, field pea, lentils, pigeon pea) including:</b>          Bean (<i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin and white sweet lupin); bean (<i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean); bean (<i>vigna</i> spp.) (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean (fava bean) (<i>Vicia faba</i>); chickpea (garbanzo bean) (<i>Cicer arietinum</i>); guar (<i>Cyamopsis tetragonoloba</i>); lablab bean (hyacinth bean) (<i>Lablab purpureus</i>); <sup>1,2</sup></p>	0.19 L/ha	Ground and aerial application	60 days
<p>Caraway, Coriander (cilantro)<sup>1,5</sup></p>	0.38 L/ha	Ground application only	60 days for seed 30 days for leaves
<p>Angelica; balm (lemon balm); <b>basil</b>; borage; burnet; chamomile; catnip; chervil; clary; costmary; cilantro (leaf); horehound; hyssop; lavender; lovage; marigold; marjoram (includes sweet or annual marjoram, wild marjoram or oregano and pot marjoram); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; summer and winter savory; sweet bay (bay</p>	0.19 L/ha	Ground application only	30 days

leaf); tansy; tarragon; thyme; wintergreen; woodruff; and wormwood 1,2,4,5			
Anise (anise seed); caraway (black); celery seed; cilantro (seed); cumin; fennel [common and Florence (seed)]; juniper berry; lovage (seed); mustard (seed); poppy (seed); and Saffron. 1,2,4,5	0.19 L/ha	Ground application only	60 days
Cherry (sweet and tart) <sup>1,</sup> <sup>5, 8</sup> (established trees)	0.38 L/ha	Ground application only	14 days
Buckwheat <sup>1,5,7</sup>	0.19 L/ha	Ground and aerial application	60 days
Highbush Blueberry <sup>1,4,5</sup>	0.38 L/ha	Ground application only	14 days
Canola	0.38 L/ha	Ground and aerial application	60 days
Carrot, Celeriac, Red garden (table) beet, Parsnip Radish <sup>3,5</sup>	0.38 L/ha	Ground application only	30 days
Cranberry <sup>1,2,5</sup>	0.38 L/ha	Ground application only	30 days
Chive, Celery, Chinese Cabbage (napa) <sup>1,5</sup>	0.38 L/ha	Ground application only	30 days
Dill <sup>1,5</sup>	0.38 L/ha	Ground application only	30 days (dillweed leaves) 40 days (dill seed)
Flax (including low linolenic acid varieties)	0.38 L/ha	Ground and aerial application	60 days
Fenugreek <sup>1,3,5</sup>	0.38 L/ha	Ground application only	30 days (leaf and seed)
Field Peas	0.38 L/ha	Ground and aerial application	75 days
Hops <sup>1,4,5</sup>	0.38 L/ha	Ground application only	21 days
Lentils	0.38 L/ha	Ground and aerial application	60 days
Oriental (Brown) Mustard (condiment and oilseed types)	0.38 L/ha	Ground and aerial application	60 days
Yellow Mustard	0.38 L/ha	Ground and aerial application	60 days

<i>Brassica carinata</i>	0.38 L/ha	Ground and aerial application	60 days
Dry Bulb Onions, Dry Bulb Shallot and Garlic <sup>1,5</sup>	0.38 L/ha	Ground application only	45 days
Potatoes	0.38 L/ha	Ground and aerial application	60 days
Prairie Carnation <sup>1,5,6</sup>	0.19 L/ha	Ground application only	N/A
Safflower <sup>1,5</sup>	0.38 L/ha	Ground application only	70 days
Soybeans	0.38 L/ha	Ground and aerial application	75 days
Spinach <sup>3,5</sup>	0.19 L/ha	Ground application only	14 days
Sunflowers	0.38 L/ha	Ground and aerial application	72 days
<ol style="list-style-type: none"> <li>1. Apply a maximum of one application per year.</li> <li>2. NOTE: Varieties of this crop or crops in this crop group may vary in their tolerance to herbicides, including <b>CHOP CLETHODIM 240 EC</b>. Since not all crops or crop varieties have been tested for tolerance to <b>CHOP CLETHODIM 240 EC</b>, first use of <b>CHOP CLETHODIM 240 EC</b> should be limited to a small area of each crop or variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your supplier for information on the tolerance of specific varieties to <b>CHOP CLETHODIM 240 EC</b>.</li> <li>3. Apply a maximum of two applications per year. If repeat application is required, allow at least 14 days between first and second application.</li> <li>4. Apply <b>CHOP CLETHODIM 240 EC</b> as a broadcast spray directed to the ground.</li> <li>5. Refer to section "MINOR USES" in this label for additional use instructions.</li> <li>6. Do not harvest treated prairie carnations for human consumption.</li> <li>7. SPRAY VOLUME FOR AERIAL APPLICATION: Apply in 28 to 55 L/ha. Increase spray volumes up to 100L/ha as grass or crop foliage becomes dense.</li> <li>8. Do not apply <b>CHOP CLETHODIM 240 EC</b> directly over the top of the sweet and tart cherry trees. Direct the spray at the base of the tree where grassy weeds are growing. If <b>CHOP CLETHODIM 240 EC</b> is improperly applied, crop injury can occur.</li> </ol>			

#### TANK-MIXES:

When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

#### CHOP CLETHODIM 240 EC AND BUCTRIL® M:

**Flax (including low linolenic acid varieties):** CHOP CLETHODIM 240 EC may be tank-mixed with BUCTRIL M for control of certain broadleaf and grassy weeds in flax (including low linolenic acid varieties) in one spray operation. Apply in 55 to 110 litres of water per hectare at a pressure of 275 kPa. DO NOT spray this tank-mix on plants under stress. DO NOT

spray during periods of hot, humid weather. Follow all precautions, limitations and timing recommendations on the BUCTRIL M label.

**Time of Application:** Flax (including low linolenic acid varieties) may be treated from 5 cm high to the early bud stage. For best results, apply when flax (including low linolenic acid varieties) is 5 to 10 cm high and weeds are in the seedling stage. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** **CHOP CLETHODIM 240 EC** at 0.19 to 0.38 L/ha tank-mixed with BUCTRIL M at 1.0 L/ha and JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** As listed for **CHOP CLETHODIM 240 EC** used alone, plus certain seedling broadleaf weeds. Refer to the BUCTRIL M label for the broadleaf weeds controlled.

#### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. If tank-mixing **CHOP CLETHODIM 240 EC** and BUCTRIL M for once-over grass and broadleaf weed control in flax (including low linolenic acid-varieties), add the correct amount of BUCTRIL M. Continue to agitate.
4. Add the correct amount of **CHOP CLETHODIM 240 EC**. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

*For disposal of cleaning solution, see section on DISPOSAL.*

#### **CHOP CLETHODIM 240 EC AND CURTAIL® M Herbicide:**

**Flax (including low linolenic acid varieties):** **CHOP CLETHODIM 240 EC** may be tank-mixed with CURTAIL M Herbicide for control of certain broadleaf and grass weeds in flax in one spray operation. Apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa.

Follow all precautions, limitations, restrictions and timing recommendations on the CURTAIL M Herbicide label.

**Time of Application:** Flax may be treated from 5 to 15 cm in height. Apply when the grassy weeds are in the 2 to 6 leaf stage and the broadleaf weeds are actively growing. Application to Canada thistle should be made when Canada thistle is between 10 cm and up to the pre-bud stage. If broadleaf weeds and grass weeds are not in recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** **CHOP CLETHODIM 240 EC** at 0.19 L/ha tank-mixed with CURTAIL M Herbicide at 1.5 to 2.0 L/ha and with the adjuvant JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** Weed claims listed on the **CHOP CLETHODIM 240 EC** Herbicide label plus weed claims listed on Curtail M label. Refer to the CURTAIL M Herbicide label for the broadleaf weeds controlled.

## **Grazing Interval**

Do not cut treated crops for feed or graze until 60 days after application.

### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the required amount of CURTAIL M Herbicide to the tank. Continue to agitate.
4. Add the correct amount of **CHOP CLETHODIM 240 EC**. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.
8. If an oil film starts to build up in the tank, drain it and clean tank with strong detergent solution.
9. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

### **CHOP CLETHODIM 240 EC AND MCPA ESTER:**

**Flax:** **CHOP CLETHODIM 240 EC** may be tank-mixed with MCPA ESTER for control of certain broadleaf and grassy weeds in flax in one spray operation. For ground applications, apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa. For aerial application apply this tank-mix in a minimum of 30 L/ha spray volume at a pressure of 235 kPa.

### **NOTE: THIS TANK-MIX MAY NOT BE APPLIED TO LOW LINOLENIC ACID VARIETIES OF FLAX.**

**Time of application:** Flax may be treated from 5 cm tall to just before the bud stage. Do not apply after the early bud stage. Apply when the grassy weeds are in the 2 to 6 leaf stage and broad leaf weeds are in the seedling stage and actively growing. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** **CHOP CLETHODIM 240 EC** at 0.19 to 0.38 L/ha tank-mixed with MCPA ESTER and the adjuvant JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** As listed for **CHOP CLETHODIM 240 EC** used alone, plus certain seedling broadleaf weeds. Refer to the MCPA ESTER label for the rates and broadleaf weeds controlled and specific information on flax.

### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.

3. Add the correct amount of MCPA ESTER. Continue to agitate.
4. Add the correct amount of **CHOP CLETHODIM 240 EC**. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

**CHOP CLETHODIM 240 EC AND LONTREL® 360 Herbicide:**

**Flax (including low linolenic acid varieties):** CHOP CLETHODIM 240 EC may be tank-mixed with LONTREL 360 Herbicide for control of certain broadleaf and grass weeds in flax in one spray operation. Apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa.

Follow all precautions, limitations and timing recommendations on the LONTREL 360 Herbicide label.

**Time of Application:** Flax may be treated from 5 to 10 cm in height. Apply when the grassy weeds are in the 2 to 6 leaf stage and the broadleaf weeds are actively growing. Application to Canada thistle should be made when Canada thistle is in the rosette to pre-bud stage of growth. If broadleaf weeds and grass weeds are not in recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** CHOP CLETHODIM 240 EC at 0.19 L/ha tank-mixed with LONTREL 360 Herbicide at 0.56 to 0.83 L/ha and with the adjuvant JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** Wild oats, green foxtail, volunteer barley, volunteer wheat, volunteer oats, wild buckwheat.

Canada thistle 0.56 L LONTREL 360 Herbicide/ha Season-long control

0.83 L LONTREL 360 Herbicide/ha Control extended into following year.

**MIXING INSTRUCTIONS:** For mixing instructions, refer to **CHOP CLETHODIM 240 EC** and LONTREL 360 Herbicide tank-mix on canola.

**Canola:** CHOP CLETHODIM 240 EC may be tank-mixed with LONTREL 360 Herbicide for control of certain broadleaf and grass weeds in canola in one spray operation. Apply in a minimum of 100 L/ha spray volume at a pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the LONTREL 360 label.

**Time of Application:** Canola may be treated from the 2 to 6 leaf stage. Apply when the grassy weeds are in the 2 to 6 leaf stage and the broadleaf weeds are actively growing. Application to Canada thistle should be made when Canada thistle is in the rosette to pre-bud stage of growth. If broadleaf weeds and grass weeds are not in recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** CHOP CLETHODIM 240 EC at 0.19 L/ha tank-mixed with LONTREL 360 Herbicide at 0.42 to 0.83 L/ha and with the adjuvant JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** Wild oats, green foxtail, volunteer barley, volunteer wheat, volunteer oats.

Wild Buckwheat	0.56 L LONTREL 360	Season-long control
Canada thistle	Herbicide/ha	Top growth control to 6 to 8 weeks
	0.42 L LONTREL 360	
	Herbicide/ha	
	0.56 L LONTREL 360	Season-long control
	Herbicide/ha	
	0.83 L LONTREL 360	Control into following year.
	Herbicide/ha	

#### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the required amount of LONTREL 360 Herbicide to the tank. Continue to agitate.
4. Add the correct amount of **CHOP Clethodim 240 EC**. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit overnight. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.
8. If an oil film starts to build up in the tank, drain it and clean tank with strong detergent solution.
9. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

#### **CHOP CLETHODIM 240 EC AND PURSUIT® 240:**

**Field Peas:** **CHOP CLETHODIM 240 EC** may be tank-mixed with PURSUIT 240 for control of certain broadleaf and grassy weeds in field peas in one spray operation. Apply in a minimum of 100 litres of water per hectare at a spray pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the PURSUIT 240 label.

**Time of Application:** Field peas may be treated up to the sixth (6th) trifoliate leaf stage. Apply when volunteer wheat, volunteer barley, wild oats and green foxtail are in the 2 to 6 leaf stage. Apply up to the 4 leaf stage for control of broadleaf weeds. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** **CHOP CLETHODIM 240 EC** at 0.19 L/ha tank-mixed with PURSUIT 240 at 210 mL/ha and the adjuvant JOURNEY HSOC at 0.5% v/v.

**Weeds Controlled:** Wild oats, green foxtail, volunteer barley, volunteer wheat plus the weeds as listed on the PURSUIT 240 label.

#### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. If tank-mixing **CHOP CLETHODIM 240 EC** and PURSUIT 240 for once over

grass and broadleaf weed control in field peas, add the correct amount of PURSUIT 240. Continue to agitate.

4. Add the required amount of **CHOP CLETHODIM 240 EC** to the tank. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

### **CHOP CLETHODIM 240 EC AND MUSTER® Herbicide:**

**Canola:** **CHOP CLETHODIM 240 EC** may be tank-mixed with MUSTER Herbicide for control of certain broadleaf and grassy weeds in canola in one spray operation. Apply in a minimum of 100 litres of water per hectare at a spray pressure of 275 kPa. Follow all precautions, limitations and timing recommendations on the MUSTER Herbicide label.

**Time of Application:** Canola may be treated from the 2 leaf stage to the beginning of bolting. Apply when the grassy weeds are in the 2 to 6 leaf stage and when the broadleaf weeds are in the cotyledon to 6 leaf stage. If broadleaf weeds and grassy weeds are not in the recommended treatment stage at the same time, then separate applications should be made.

**Application Rate:** **CHOP CLETHODIM 240 EC** at 0.19 L/ha tank-mixed with MUSTER Herbicide at 20 or 30 g/ha and the adjuvant JOURNEY HSOC at 0.5% v/v.

### **Weeds Controlled:**

**Muster Herbicide at 20 or 30 g/ha:** Wild oats, green foxtail, volunteer barley, volunteer oats, volunteer wheat, hempnettle, wild mustard, green smartweed, flixweed (spring seedlings), stinkweed\*, and redroot pigweed.

\* *Stinkweed suppression at the lower rate. Apply to stinkweed in the 1 to 4 leaf stage.*

### **MIXING INSTRUCTIONS:**

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the required amount of MUSTER Herbicide to the tank. Continue to agitate.
4. Once MUSTER Herbicide is in suspension, add the required amount of **CHOP CLETHODIM 240 EC**. Continue to agitate.
5. Add the correct amount of adjuvant JOURNEY HSOC along with the remaining amount of water necessary to fill the spray tank.
6. Continue to agitate or run the by-pass system.
7. On repeat tankloads, prepare a MUSTER/water slurry and add to required water volume in the spray tank prior to adding **CHOP CLETHODIM 240 EC** and JOURNEY HSCO.
8. After any break in the spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials. Do not allow the mixture to sit overnight.

9. Immediately after use, refer to MUSTER Herbicide label for appropriate tank cleanout instructions.

**MINOR USES:**

**NOTE TO USER:**

**READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (LISTED BELOW):**

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Enrich Agrochemical Company Limited under the User Requested Minor Use Label Expansion program. For these uses, Enrich Agrochemical Company Limited has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

CROP	Weeds Controlled	Application Rate of: <sup>1</sup>		Remarks
		CHOP Clethodim 240 EC	JOURNEY HSOC	
<b>PRAIRIE CARNATION</b>	Annual weeds listed on <b>CHOP CLETHODIM 240 EC</b> label. Refer to weed/rate chart in this label.	0.19 L/ha	0.5 % v/v	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop.</p> <p>Apply a maximum of one application per year using ground equipment.</p> <p>Apply in a minimum spray volume of 110 L/ha.</p> <p>Do not harvest treated prairie carnations for human consumption.</p> <p><b>Ground application only.</b></p>
<b>Edamame, Edible-podded legume vegetables (Crop subgroup 6A):</b> Bean ( <i>Phaseolus</i> spp.) (includes runner bean, snap bean, wax bean), Bean ( <i>Vigna</i> spp.) (includes asparagus)	Labelled grassy weeds. Refer to weed/rate chart in this label.	0.19 L/ha	0.5 % v/v	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> postemergence of weeds and crop.</p> <p>Apply a maximum of one application per year using ground equipment.</p> <p>Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 21 days.</p> <p><b>Ground application only.</b></p>

<p>bean, Chinese longbean, moth bean, yardlong bean), Jackbean (<i>Canavalia ensiformis</i>), Pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-pod pea, snow pea, sugar snap pea), Pigeon pea (<i>Cajanus cajan</i>), Soybean (immature seed) (<i>Glycine max</i>), Sword bean (<i>Canavalia gladiata</i>).</p> <p><b>Succulent shelled peas and beans (Crop subgroup 6B):</b> Bean (<i>Phaseolus</i> spp.) (includes lima bean, green bean), Bean (<i>Vigna</i> spp.) (includes blackeyed pea, cowpea, southern pea), Broad bean (fava bean) (<i>Vicia faba</i>), Pea (<i>Pisum</i> spp.) (includes English pea, garden pea, green pea), Pigeon pea (<i>Cajanus cajan</i>).</p>				
<p><b>BUCKWHEAT<sup>1</sup></b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 L/ha</p>	<p>0.5% v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> postemergence of weeds and crop.</p> <p>Apply a maximum of one application per year using ground or aerial equipment.</p> <p>Apply in a minimum spray volume of 100 L/ha for ground application. Apply in a minimum spray volume of 28-55 for aerial application. Increase to 100 L/ha if grass or crop foliage becomes dense.</p> <p>Observe a PHI of 60 days.</p>

<p><b>CHERRY (SWEET AND TART)</b></p> <p>(established trees)</p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 – 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> to established sweet and tart cherry trees, post- emergence of weeds. Do not apply <b>CHOP CLETHODIM 240 EC</b> directly over the top of the trees. Direct the spray at the base of the tree where grassy weeds are growing. If <b>CHOP CLETHODIM 240 EC</b> is improperly applied, crop injury can occur.</p> <p>Apply a maximum of one application per year using ground equipment.</p> <p>Apply in a minimum spray volume of 100 litres of water per hectare.</p> <p>Observe a PHI of 14 days.</p> <p><b>Ground application only.</b></p>
<p><b>HIGHBUSH BLUEBERRY</b></p>	<p><b>CHOP CLETHODIM 240 EC</b> labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 - 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop.</p> <p>Apply a maximum of one application per year, post-emergent by ground equipment.</p> <p>Apply as a broadcast spray directed to the ground.</p> <p>Apply in a minimum spray volume of 100 L/ha.</p> <p>Observe a PHI of 14 days.</p> <p><b>Ground application only.</b></p>

<p><b>CORIANDER, (Cilantro), CARAWAY</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label</p>	<p>0.19 - 0.38 L/ha</p> <p>Refer to <b>CHOP CLETHODIM 240 EC</b> + JOURNEY HSOC weed/rate chart in this label.</p>	<p>0.5 % v/v</p> <p>Refer to <b>CHOP CLETHODIM 240 EC</b> + JOURNEY HSOC weed/rate chart in this label.</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergent when coriander is in the 2 to 5 leaf stage.</p> <p>Apply a maximum of one application per year, using ground equipment.</p> <p>Observe a PHI of 30 days for leaves and 60 days for seed.</p> <p><b>Ground application only.</b></p>
<p><b>DILL</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart on this label.</p>	<p>0.19 - 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop when dill is in the 3-5 leaf stage. Apply a maximum of one application per year using ground equipment. Apply a minimum spray volume of 100 L/ha. Observe a PHI of 30 days for dillweed leaves and a PHI of 40 days for dill seed.</p> <p><b>Ground application only.</b></p>
<p><b>CHIVE</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label</p>	<p>0.19 – 0.38 L/ha</p> <p>Refer to <b>CHOP CLETHODIM 240 EC</b> JOURNEY HSOC weed/rate chart in this label.</p>	<p>0.5 % v/v</p> <p>Refer to <b>CHOP CLETHODIM 240 EC</b> + JOURNEY HSOC weed/rate chart in this label.</p>	<p><b>TIME OF APPLICATION:</b> Apply a maximum of one application per year, post-emergent using ground equipment. Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 30 days.</p> <p><b>Ground application only.</b></p>
<p>Angelica; balm (lemon balm); basil; borage; burnet; chamomile; catnip; chervil; clary; costmary; cilantro (leaf); horehound; hyssop; lavender; lovage; marigold; marjoram (includes sweet or annual marjoram, wild marjoram or</p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop. Apply a maximum of one application per year using ground equipment. Apply as a broadcast spray directed to the ground. Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 30 days.</p> <p><b>Ground application only.</b></p>

oregano and pot marjoram); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay (bay leaf); tansy; tarragon; thyme; wintergreen; woodruff; and wormwood				
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<p>Anise (anise seed), caraway (black); celery seed; cilantro (seed); cumin; fennel [common and Florence (seed)]; juniper berry; lovage (seed); mustard (seed); poppy (seed); and saffron</p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop. Apply a maximum of one application per year using ground equipment. Apply as a broadcast spray directed to the ground. Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 60 days.</p> <p><b>Ground application only.</b></p>
<p><b>HOPS</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 - 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop. Apply a maximum of one application per season, using ground equipment. Apply as a broadcast spray directed to the ground. Apply in a minimum spray volume of 110 litres of water per hectare. Observe a PHI of 21 days.</p> <p><b>Ground application only.</b></p>
<p><b>FENUGREEK</b></p>	<p>Annual weeds listed on  <b>CHOP CLETHODIM 240 EC</b> label</p>	<p>Refer to <b>CHOP CLETHODIM 240 EC+</b>  JOURNEY HSOC weed/rate chart in this label.</p>	<p>Refer to <b>CHOP CLETHODIM 240 EC + JOURNEY</b>  HSOC weed/rate chart in this label.</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post-emergent when fenugreek is in the 3 to 5 leaf stage. Apply a maximum of one application per season, using ground equipment. Apply in a minimum spray volume of 100L/ha. Observe a PHI of 30 days for leaves and seed.</p> <p><b>Ground application only.</b></p>

<p><b>DRY BULB ONIONS, DRY BULB SHALLOT and GARLIC</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19-0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergent when the crop is in the 1 to 4 leaf stage.</p> <p>Apply a maximum of one application per season, using ground equipment. Observe a PHI of 45 days.</p> <p><b>Ground application only.</b></p>
<p><b>SAFFLOWER</b></p>	<p>Annual weeds listed on <b>CHOP CLETHODIM 240 EC</b> label</p>	<p>0.19 - 0.38 L/ha.</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergent when safflower is in the 6-8 leaf stage.</p> <p>Apply a maximum of one application per season using ground equipment.</p> <p>Apply in a minimum spray volume of 100 litres of water per hectare.</p> <p>Observe a PHI of 70 days.</p> <p><b>Ground application only.</b></p>
<p><b>SPINACH</b></p>	<p>Annual Weeds listed on <b>CHOP CLETHODIM 240 EC</b> label</p>	<p>Refer to <b>CHOP CLETHODIM 240 EC</b> + <b>JOURNEY HSOC</b> weed/rate chart in this label.</p>	<p>Refer to <b>CHOP CLETHODIM 240 EC</b> + <b>JOURNEY HSOC</b> weed/rate chart in this label.</p>	<p><b>TIME OF APPLICATION:</b> Apply a maximum of two applications per year with 14 days between applications, post emergent by ground application when grassy weeds are in the 2 to 6 leaf stage.</p> <p>Observe a PHI of 14 days.</p> <p><b>Ground application only.</b></p>
<p><b>CRANBERRY</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 - 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and crop. Do not apply between the hook stage and full fruit set.</p> <p>Apply a maximum of one application per year using ground equipment. Apply in a minimum spray volume of 110 L of water /ha.</p> <p>Observe a PHI of 30 days.</p>
<p><b>RED GARDEN (TABLE) BEET,</b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19 - 0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply <b>CHOP CLETHODIM 240 EC</b> post- emergence of weeds and</p>

<p><b>PARSNIP, CARROT, RADISH, CELERIAC</b></p>				<p>crop using ground equipment. Apply a maximum of two applications per year. If repeat application is required, allow at least 14 days between first and second application.</p> <p><b>Do not apply more than 0.38 L/ha (90 grams ai/ha) per crop season.</b></p> <p>Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 30 days.</p> <p><b>Ground application only.</b></p>
<p><b>CELERY, CHINESE CABBAGE (NAPA) <sup>1</sup></b></p>	<p>Labelled grassy weeds. Refer to weed/rate chart in this label.</p>	<p>0.19-0.38 L/ha</p>	<p>0.5 % v/v</p>	<p><b>TIME OF APPLICATION:</b> Apply CHOP CLETHODIM 240 EC post- emergence of weeds and crop. Apply a maximum of one application per year using ground equipment. Apply in a minimum spray volume of 110 L/ha.</p> <p>Observe a PHI of 30 days.</p> <p>Ground application only.</p>

## **APPLICATION INSTRUCTIONS:**

### **GROUND APPLICATION**

#### **Water volume and spray pressure:**

For ground application, use sprayers equipped with standard flat fan nozzles. For optimum spray coverage, use nozzles tilted 45° forward.

The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Thorough and uniform spray coverage over the entire leaf area of the target weeds is necessary for optimum weed control.

Thoroughly clean all screens to prevent nozzle clogging, especially when spray volumes of 55 to 110 L/ha are used.

For ground applications, use spray volumes of 55 to 225 L/ha and a minimum of 275 kPa pressure. For applications to dense weed infestations or to dense crop canopies, use a minimum of 110 L/ha spray volume at pressures of 275 to 425 kPa. In any situation, ensure the proper rate of AMIGO or JOURNEY HSCO is maintained as listed on the label under APPLICATION RATES OF **CHOP CLETHODIM 240 EC**.

**For legume vegetables (succulent or dried) (except soybeans) and edamame, a minimum spray volume of 110 L/ha is recommended.**

### **AERIAL APPLICATION**

#### **Water volume and spray pressure:**

Apply **CHOP CLETHODIM 240 EC** alone or in tank mixes (ONLY with the recommended tank mix partners that are registered for aerial use) in no less than 28 L/ha spray volume at a pressure no less than 300 kPa.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

#### **Aerial Use Precautions**

- Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

**Aerial Operator Precautions:**

- Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.
- It is desirable that the pilots have communication capabilities at each treatment site at the time of application.
- The field crew and the mixer/loaders must wear goggles or face shield, rubber apron, chemical-resistant gloves, rubber boots, long sleeved shirt and long-legged pants.
- All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

**Product Specific Precautions:**

- Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-519-702-2185 or obtain technical advice from the distributor or your provincial agricultural representative.

**Field sprayer application:** DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

**Aerial application:** DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

**SPRAY BUFFER ZONES**

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as

grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Seedling alfalfa, highbush blueberry, cherry, cranberry, caraway, chive, coriander, dill, fenugreek, dry bulb onion, dry bulb shallot, safflower, canola, carrot, flax (including low linolenic varieties), field pea, hops, lentils, oriental (brown) mustard (condiment and oilseed types), yellow mustard, <i>Brassica carinata</i> , potato, parsnip, radish, red garden (table) beet, soybean, sunflower, celery, Chinese cabbage (napa), celeriac	1	1	2
	Spinach, Edamame, Edible-podded Legume (crop subgroup 6A) vegetables, Succulent shelled peas and beans (crop subgroup 6B), bean ( <i>lupines</i> , <i>phaseolus</i> , and <i>vigna</i> spp.), broad bean, chickpea, guar, lablab bean, Prairie carnation, pigeon pea, various herbs and spices (except chive,	1	1	1

	coriander, and dill), buckwheat				
Aerial	Canola, flax (including low linolenic acid varieties), field peas, lentils, potatoes, Oriental (brown)	Fixed wing	10	1	60
		Rotary wing	10	1	50
	mustard (condiment and oilseed types), yellow mustard, soybeans, sunflowers, <i>Brassica carinata</i> , dry bulb onions, garlic	Fixed wing	4	1	30
		Rotary wing	1	1	30
	Desi and Kabuli chickpeas, Bean ( <i>lupines</i> , <i>phaseolus</i> , and <i>vigna</i> spp.), broad bean, chickpea, guar, lablab bean, pigeon pea, buckwheat				

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

#### RESTRICTIONS AND LIMITATIONS:

1. Use only for crops listed on the label.
2. Thorough preplant tillage operations are required to fields where sod or forage grass crops may have grown in the previous year.
3. Take necessary precautions to avoid sprayer overlaps.
4. Rainfall within one hour of application may reduce the effectiveness of the spray.
5. Do not mix or apply **CHOP CLETHODIM 240 EC** with any other additive, pesticide or with fertilizer except as specifically recommended on the label.
6. Allow 4 days between application of **CHOP CLETHODIM 240 EC** and any other chemical not recommended as a tank-mix combination on the label.
7. Do not apply more than 0.38 L/ha (90 grams ai/ha) per season.

8. Do not use crops for grazing of livestock or green feed following application of **CHOP CLETHODIM 240 EC** until after the appropriate interval as specified in the crop recommendations table has been observed. Do not cut treated crops for forage until the appropriate interval as specified in the crop recommendations table has been observed.
9. **CHOP CLETHODIM 240 EC may be applied by air for certain crops specified in this label.**
10. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

#### **HERBICIDE RESISTANCE MANAGEMENT RECOMMENDATIONS:**

For resistance management, **CHOP CLETHODIM 240 EC** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to **CHOP CLETHODIM 240 EC** and other Group 1 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of **CHOP CLETHODIM 240 EC** or other Group 1 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Enrich Agrochemical Company Limited 1-519-702-2185.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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