

PANTONE 259C

PANTONE 193C

PANTONE 7455C

PANTONE 282C

PANTONE Black 6 C

SUN-CLETHODIM 240 EC label 195 X 150mm

蓝线为说明书位置

150mm

135mm

165mm

195mm

CLETHODIM	GROUP	1	HERBICIDE
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Wynca USA™

SUN-CLETHODIM 240 EC

ACTIVE INGREDIENT:

*Clethodim	By Wt	25.1%
Other Ingredients		74.9%
Total		100%

* (5RS)-2-[(1EZ)-N-[[[(2E)-3-chloroallyl]oxy]propanimidoyl]-5-[(2RS)-2-(ethylthio)propyl]-3-hydroxycyclohex-2-en-1-one
Contains Petroleum Distillates.
SUN-CLETHODIM 240 EC is an emulsifiable concentrate containing 2.0 lb clethodim active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none">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.Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">Immediately call a poison control center or doctor.DO NOT induce vomiting unless told to by the poison control center 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:	<ul style="list-style-type: none">Take off contaminated clothing.Rinse skin immediately with plenty of water for 15-20 minutes.Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">Move person to fresh air.If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center, doctor or going for treatment. Contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment.

NOTE TO PHYSICIANS

Ingestion of this product or subsequent vomiting can result in aspiration of hydrocarbon liquid, which can cause pneumonitis. If ingested, probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

EPA Reg. No. 103087-4-87659
Manufactured for:
Cinmax International LLC
3050 Metro Drive, Suite 113, Bloomington, MN, 55425

EPA Est. No.: 91233-CHN-001
NET CONTENTS: 2.5 Gal.



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye irritation. Harmful if swallowed. Harmful if absorbed through skin. **Do not** get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear

- long-sleeved shirt
- long pants
- chemical-resistant gloves including Barrier Laminate or viton \geq 14 mils
- shoes plus socks
- protective eyewear, such as goggles, face shield, or safety glasses.

User Safety Requirements

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. **DO NOT** apply where runoff is likely to occur. **DO NOT** apply where weather conditions favor drift from areas treated. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

NON-TARGET ORGANISM ADVISORY:

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

The use of this product may pose a hazard to the federally designated endangered species of Solano Grass and Wild Rice. Use of this product is prohibited in the following areas where the species are known to exist:

Solano Grass: Solano County, California: the vernal lakes area bounded by the Union Pacific Railroad and Hastings Road to the north, Highway 113 to the east, Highway 12 to the south, and Travis Air Force Base to the west.

Wild Rice: Hays County, Texas.

PHYSICAL OR CHEMICAL HAZARDS:

DO NOT use or store near heat or open flame.

DO NOT mix or allow coming in contact with oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is: coveralls, chemical-resistant gloves, including Barrier Laminate or viton \geq 14 mils, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses.

Keep all unprotected persons out of operating areas, or vicinity where there may be drift. **DO NOT** enter treated areas without protective clothing until sprays have dried.

Weed Resistance Management

For resistance management, **SUN-CLETHODIM 240 EC** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to **SUN-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. Follow appropriate resistance-management strategies.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of **SUN-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 if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout fields prior to application and after application to identify the weed species present and their growth stage to determine if the intended application will be effective. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method including hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- Report any incidence of non-performance of this product against a particular weed species to your Cinmax International LLC retailer, representative or call +952-658-6291 or at www.wynca-usa.com. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

PRODUCT INFORMATION

RESTRICTIONS

- Application on Long Island, New York, **DO NOT** apply more than 16 fl oz of **SUN-CLETHODIM 240 EC** (0.25 lb ai) per acre per year.
- **DO NOT** apply if rain is expected within 1 hour of application as control may be unsatisfactory.
- **DO NOT** apply a postemergence broadleaf herbicide within one day following application of **SUN-CLETHODIM 240 EC** or reduced grass control may result.
- **DO NOT** apply under conditions of stress. Applying **SUN-CLETHODIM 240 EC** under conditions that do not promote active grass growth will reduce herbicide effectiveness. These conditions include drought, excessive water, extremes in temperature, low humidity and grasses either partially controlled or stunted from prior pesticide applications. Grasses under these kinds of stressful conditions will not absorb and translocate **SUN-CLETHODIM 240 EC** effectively and will be less susceptible to herbicide activity.
- **DO NOT** allow **SUN-CLETHODIM 240 EC** to come in contact with desirable grass crops including corn, rice, sorghum, small grains, or turf, as these and other grass crops will be injured or killed. Minor leaf spotting may occur on treated plants under certain environmental conditions. New foliage is not affected.
- Aerial applications for all tree fruits and tree nuts uses are prohibited.

ROTATIONAL RESTRICTIONS

DO NOT plant rotational crops until 30 days after application of **SUN-CLETHODIM 240 EC** unless the crop is listed on **SUN-CLETHODIM 240 EC** label.

PRECAUTIONS

- Grass crops including corn, rice, sorghum, small grains, or turf, etc. are highly sensitive to **SUN-CLETHODIM 240 EC**.
- **SUN-CLETHODIM 240 EC** may not be used on vegetable crops being grown for seed production unless specific use directions are provided.
- **SUN-CLETHODIM 240 EC** is a selective postemergence herbicide for control of annual and perennial grasses.
- **SUN-CLETHODIM 240 EC** does not control sedges or broadleaf weeds.
- Optimal perennial grass control can be obtained if rhizomes or stolons are cut up by preplant tillage practices. (discing, plowing, etc.) to stimulate maximum emergence of grass shoots. Cultural practices, including continuous no-tillage in which the perennial grass rhizomes or stolons are not cut up, result in a very staggered, non-uniform weed emergence. Due to this non-uniform weed emergence, no fewer than 2 **SUN-CLETHODIM 240 EC** applications per year are specified at the appropriate weed-growth stage rate under continuous no-till conditions.
- While all the vegetable crops on this label have been tested for crop safety with **SUN-CLETHODIM 240 EC**, not all specialty varieties of these crops have been tested. It is advised that, before applying **SUN-CLETHODIM 240 EC** to specialty varieties of vegetable crops on this label, first apply a small section of the field to evaluate potential injury. Injury symptoms may appear as leaf speckling or stunting.
- It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.
- Tank mixes of **SUN-CLETHODIM 240 EC** and broadleaf herbicides may result in reduced grass control. If grass regrowth occurs, an additional application **SUN-CLETHODIM 240 EC** may be necessary. **AVOID SPRAY DRIFT.**
- Repeated use of **SUN-CLETHODIM 240 EC** (or similar postemergence grass herbicides with the same mode of action) may lead to the selection of naturally occurring biotypes that are resistant to these products in some grass species.
- If poor performance occurs and cannot be attributed to adverse weather or application conditions, a resistant biotype may be present. This is most likely to occur in fields where other control strategies including crop rotation, mechanical removal, and other classes of herbicides are not used from year to year.

APPLICATION INFORMATION

Timing of Applications

Apply **SUN-CLETHODIM 240 EC** postemergence to actively growing grasses according to prescribed rates in the table. Applications made to grass plants stressed by insufficient moisture, or hot or cold temperatures, or to grass plants exceeding specified growth stages may result in unsatisfactory control. **DO NOT** apply under these conditions.

In arid regions where irrigation is used to supplement limited rainfall, apply **SUN-CLETHODIM 240 EC** as soon as possible, after irrigation (within 7 days). In arid regions, a second application of **SUN-CLETHODIM 240 EC** will provide more effective control of perennial grass weeds than a single application. Make second application to actively growing grass 2 to 3 weeks after emergence of new growth.

Cultivation of treated grasses 7 days prior to or within 7 days after application of **SUN-CLETHODIM 240 EC** may reduce weed control. **DO NOT APPLY SUN-CLETHODIM 240 EC** if rainfall is expected within one hour, since control may be reduced.

Control Symptoms

Treated grass weeds show a reduction in vigor and growth. Early chlorosis/necrosis of younger plant tissue is followed by a progressive collapse of the remaining foliage. Symptoms will be observed in 7 to 14 days after application, depending on grass species treated and environmental conditions.

ADDITION OF ADJUVANT OR CROP OIL CONCENTRATE

CROP	ADJUVANT DIRECTIONS
Alfalfa, Cotton, Bean (dry) & Pea (shelled), Edible Podded Legume Vegetables, Peanuts (including perennial), Potato, Soybean, Bean & Pea (succulent shelled), Sugar Beet and Sunflower	Always use a crop oil concentrate* at 1.0 qt/A by ground or 1 % v/v (but not less than 1 pt/A) in the finished spray volume by air. 1 to 2 qts./A of liquid fertilizer (10-34-0, 28%N or 32%N), or an equivalent amount (2.5 to 4.0 lbs./A) of spray grade ammonium sulfate (AMS) may be added to SUN-CLETHODIM 240 EC applications, in addition to the specified rate of crop oil concentrate. The addition of AMS has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.
Asparagus, Berry (low-growing), Canola, Carrot, Clover, Cranberry, Cucurbits, Flax, Fruiting Vegetables (except okra and tomato), Garden Beet, Garlic, Head & Stem Brassica Vegetables, Herbs, Hops, Leaf Petioles, Leafy Brassica Greens, Leafy Greens, Mustard Seed, Okra, Onion (dry bulb), Green Onion, Peppermint and Spearmint tops, Pome Fruit, Root Vegetables, Safflower, Sesame, Stalk and Stem Vegetable, Stone Fruit, Strawberry, Stevia (dried leaves), Sweet Potato (Yam & other Tuberous and Corm Vegetables except Potato), Tomato, Tree Nuts and Watercress.	Always use a crop oil concentrate at 1% v/v in the finished spray volume unless tank mix instructions indicate otherwise. Addition of liquid fertilizer is not advised for these crops.
Non-Bearing Fruit and Nut Crops, Ornamental Plants,	Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v). Use of crop oil concentrate is not advised since it may injure flowers and foliage.
Conifer Trees, Fallow Land (and other non-producing agricultural areas), and Non-Crop or Non-planted Areas	Always use a crop oil concentrate containing at least 15% emulsifier at 1% v/v (but not less than 1 pt/A) in the finished spray volume.

*Acceptable crop oil concentrates would be those that contain a minimum of 80% oils and 15% emulsifier. A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria: be non-phytotoxic, contain only EPA-exempt ingredients, provide good mixing quality, and be successful in local experience. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils.

Ground Application

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 5 gals and a maximum of 40 gals of spray solution per acre. Under the following conditions a minimum of 10 gals per acre is required: ultra narrow row cotton, narrow row soybeans, broadleaf herbicide tank mixes, perennial grasses, volunteer corn, drought or stress conditions, heavy grass pressure or when grasses are at or near maximum height. Failure to use a minimum of 10 gals per acre under these conditions can result in poor coverage and reduced grass control requiring repeat applications. Spray pressures must reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. **DO NOT** use flood nozzles.

Make applications to onions (dry bulb), green onion and garlic in a minimum of 20 gals of spray solution per acre.

Air Application

Use a minimum of 3 gals of spray solution per acre unless otherwise directed in this label. Increase spray volumes up to 10 gals as grass or crop foliage becomes dense. For onions (dry bulb), green onion or garlic: When applying by air **DO NOT** exceed 8 fl oz/A (0.125 lb ai) per application. In California, make air applications to onions or garlic in a minimum of 20 gals of spray solution per acre. In states other than California, make air application to onions or garlic in a minimum of 10 gals of spray solution per acre.

NOTE: Crop injury may occur when SUN-CLETHODIM 240 EC is applied to onions or garlic with aerial equipment.

Spot Treatment

When using hand sprayers or high volume sprayers utilizing hand guns, mix 1/4% to 1/2% (0.33 oz to 0.65 oz per gal) **SUN-CLETHODIM 240 EC** and treat to wet vegetation, while not allowing runoff of spray solution. For uses requiring crop oil concentrate, include crop oil concentrate at 1% (1.3 oz per gal) by volume. For uses requiring non-ionic surfactant, include non-ionic surfactant at 1/4% (0.33 oz. per gal.) by volume.

NOTE: If SUN-CLETHODIM 240 EC is applied as a spot treatment, care must be taken to not exceed the maximum rate allowed on a "per acre" basis or crop injury may occur.

MANDATORY SPRAY DRIFT

Aerial Application

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications

- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy. For all other ground applications, the nozzle must be no more than 3 feet from the target vegetation.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift.
Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size - Aircraft

- Adjust Nozzles - Follow nozzle manufacturer's specifications for setting up nozzles. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

BOOM HEIGHT - Ground Boom

For ground equipment, the boom must remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Alfalfa including: Sainfoin Holy Clover Birdsfoot trefoil ⁽³⁾	15 days before grazing, feeding or harvesting (cutting) for forage or hay	6-16 fl oz ⁽⁴⁾ (0.094-0.250 lb ai/A)	1 qt by ground or 1% v/v (but not less than 1 pt/A) by air ⁽⁵⁾	Refer to tank mix partners for feeding, grazing and harvesting restrictions. ^(5,6) The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn. Restrictions <ul style="list-style-type: none">· For repeat applications make on a minimum of a 14 day interval.· DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application.· DO NOT make more than 2 applications per acre per year.· DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Bean, Dry except Soybean [Dried Shelled Pea and Bean (except soybean)] Subgroup 6C] including: Bean (Lupinus spp.) Gain Sweet White White Sweet Bean (Phaseolus spp.) Field Kidney Lima (dry) Navy Pinto Tepary Bean (Vigna spp.) Adzuki Bean Black-eyed Pea Catjang Cowpea Crowder Pea Moth Bean Mung Bean Rice Bean Southern Pea Urd Bean Broad (dry) Chickpea (garbanzo) Guar Lablab Bean Lentil</p>	<p>30 days</p>	<p>6-16 fl oz (0.094-0.250 lb ai/A)</p>	<p>1 qt. by ground or 1% v/v (but not less than 1 pt./A) by air.⁽⁵⁾</p>	<p>Refer to appropriate Table for reduced rate directions for the control of small annual grasses.</p> <p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. · For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 8 applications at 4 fl oz (0.0625 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Bean, Succulent Shelled [Succulent Shelled Pea and Bean Subgroup 6B] including: Bean (Phaseolus spp.) Broad Bean (succulent) Lima Bean (green) Bean (Vigna spp.) Black-eyed Pea Cowpea Southern Pea</p>	<p>21 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽⁵⁾</p>	<p>Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses.</p> <p>The addition of AMS has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals and volunteer corn.</p> <p>Restrictions - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per year. - DO NOT make more than 1 application per acre per year. - For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 2 applications at 4 fl oz (0.0625 lb ai) per acre per year.</p>
<p>Beet, Garden</p>	<p>30 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Berry Low Growing (except Cranberry and Strawberry) Subgroup 13-07G including: Bearberry Bilberry Blueberry, lowbush Cloudberry Lingonberry Muntries Partridgeberry</p>	45 days	4-8 fl oz (0.0625- 0.250 lb ai/A)	Non-Ionic surfactant (NIS) at 0.25% v/v	<p>Verify crop safety to SUN-CLETHODIM 240 EC on a small area of the crop, at the desired SUN-CLETHODIM 240 EC rate and with the same non-ionic surfactant (NIS) that will be used on the field. If no crop response is evident 7 days after treatment, SUN-CLETHODIM 240 EC may be used on the entire field at the rate tested and with the same NIS used in the crop safety test.</p> <p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
<p>Brassica Head and Stem Vegetable [Crop Group 5-16][*] including: Broccoli Brussels sprouts Cabbage Cabbage, Chinese (napa) Cauliflower cultivars, varieties and/or hybrids of these commodities</p>	30 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Brassica Leafy Greens [Subgroup 4-16B][*] (except Radish Leaves, Turnip Greens and Watercress) including: Arugula Broccoli, Chinese Broccoli Raab Cabbage, Abyssinian Cabbage, Chinese (bok choy) Cabbage, Seakale Collards Cress, Garden Cress, Upland Hanover Salad Kale Maca (leaves) Mizuna Mustard Greens Rape Greens Rocket, Wild Sheperd's Purse cultivars, varieties, and/or hybrids of these commodities</p>	<p>14 days</p>	<p>6-8 fl oz(0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>
<p>Canola [including Rapeseed Subgroup 20A except flax seed, mustard seed and sesame seed [(Not for use in California)] Borage Crambe Cuphea Echium Gold of Pleasure (Camelina) Hare's Ear Mustard Lesquerella Lunaria Meadowfoam Milkweed Oil Radish Poppy seed Rapeseed (canola) Sweet Rocket</p>	<p>70 days</p>	<p>4-6 fl oz (0.0625-0.094 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Verify crop safety to SUN-CLETHODIM 240 EC on a small area of the crop, at the desired SUN-CLETHODIM 240 EC rate and with the same non-ionic surfactant (NIS) that will be used on the field. If no crop response is evident 7 days after treatment, SUN-CLETHODIM 240 EC may be used on the entire field at the rate tested and with the same NIS used in the crop safety test.</p> <p>Restrictions - DO NOT apply more than 6 fl oz (0.094 lb ai) per acre per application. - For Annual and Perennial Grasses: DO NOT make more than 1 application at 6 fl oz (0.094 lb ai) per acre per year. - For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 1 application at 4 fl oz (0.0625 lb ai) per acre per year. - DO NOT apply after crop has begun bolting. Crop injury may occur when SUN-CLETHODIM 240 EC is applied during the bloom period.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Carrot	30 days	6-8 fl oz(0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Clover	15 days before grazing, feeding, or harvesting (cutting) for forage or hay	6-16 fl oz(0.094-0.250 lb ai/A)	1% v/v in the finished spray volume.	For use on clover grown in the states of Idaho, Oregon and Washington only. Restrictions - DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. - DO NOT make more than 1 application per acre per year. - DO NOT exceed 16 fl oz (0.250 lb ai) per acre per year.
Cotton (including cotton grown for seed)	60 days	6-16 fl oz(0.094-0.250 lb ai/A)	1 qt by ground or 1% v/v (but not less than 1 pt/A) by air. ⁽³⁾	The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn. Restrictions For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. - DO NOT make more than 2 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. - DO NOT graze treated fields or feed treated forage or hay to livestock.
Cranberry	30 days	6-8 fl oz(0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	Restriction - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz(0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. - DO NOT apply between the "hook" stage and full fruit set.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Fallow Land Conifer Trees (and other non-producing agricultural areas)</p> <p>Non-Crop or Non-Planted Area</p>	<p>N/A</p>	<p>6-16 fl oz (0.094-0.250 lb ai/A)</p>	<p>1% v/v (but not less than 1 pt/A) in the finished spray volume using a crop oil concentrate containing at least 15% emulsifier.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. - DO NOT make more than 2 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. - DO NOT plant any crop for 30 days after application unless clethodim is registered for use in that crop.
<p>Flax (Not for use in California)</p>	<p>60 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Apply prior to bloom. Crop injury may occur when SUN-CLETHODIM 240 EC is applied during the bloom period.</p> <p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 2 applications per acre per year. - DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per year. - For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 4 applications at 4 fl oz (0.0625 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre⁽²⁾	Special Use Instructions
<p>Fruiting Vegetables (except Okra and Tomato) [Crop Group 8-10] including: African Eggplant Bush Tomato Bell Pepper Cocona Currant Tomato Eggplant Garden Huckleberry Goji Berry Groundcherry Martynia Naranjilla Pea Eggplant Pepino Nonbell Pepper Roselle Scarlet Eggplant Sunberry Tomatillo Tree Tomato Cultivars, varieties, and/or hybrids of these.</p>	<p>20 days</p>	<p>6- 8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 19A] Herbs including: Angelica Balm Basil Borage Burnet Camomile Catnip Chervil (dried) Chive Chive, Chinese Clary Coriander (leaf) Costmary Culantro (leaf) Curry (leaf) Dill (dillweed) Horehound Hyssop Lavender Lovage (leaf) Marigold Marjoram (Origanum spp.) Nasturtium Parsley (dried) Pennyroyal Rosemary Rue Sage Savory, Summer and Winter</p>	<p align="center">14 days</p>	<p>6- 8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>SUN-CLETHODIM 240 EC has not been tested on all herbs, and herb varieties. It is the responsibility of the user to test SUN-CLETHODIM 240 EC on a small portion of the crop to be treated before treating the entire field.</p> <p>Verify crop safety to SUN-CLETHODIM 240 EC on a small area of the crop, at the desired SUN-CLETHODIM 240 EC rate and with the same crop oil concentrate that will be used on the field. If no crop response is evident 7 days after treatment, SUN-CLETHODIM 240 EC may be used on the entire field at the rate tested and with the same crop oil used in the crop safety test.</p> <p>Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>
<p>HOPS</p>	<p align="center">21 days</p>	<p>6- 8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 22B] Leaf Petiole Vegetables[*] including: Cardoon Celery Celery, Chinese Fuki Rhubarb Udo Zuiki cultivars, varieties, and/or hybrids of these commodities</p>	<p>30 days</p>	<p>6- 8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 4-16A Leafy Greens]* including: Amaranth, Chinese Amaranth, Leafy Aster, Indian Blackjack Cham-chwi Cham-na-mul Chervil (fresh leaves) Chipilin Chrysanthemum, Garland Cilantro (fresh leaves) Corn Salad Cosmos Dandelion (leaves) Dang-gwi (leaves) Dillweed Dock Dol-ham-mul Ebolo Endive Escarole Fanefflower Feather Cockscomb Good King Henry Huauzontle Jute (leaves) Lettuce, Bitter Lettuce, Head Lettuce, Leaf Orach Parsley (fresh leaves) Plantain, Buckhorn Primrose, English Purslane, Garden Purslane, Winter Radicchio Spinach Spinach, Malabar Spinach, New Zealand Spinach, Tanier Swiss Chard Violet, Chinese (leaves) Cultivars, varieties, and/or hybrids of these commodities</p>	<p>14 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 6A] Legume Vegetables, Edible Podded including: Bean (Phaseolus spp.) Runner Snap Wax Bean (Vigna spp.) Asparagus Chinese Longbean Moth Yardlong Jackbean Pea (Pisum spp.) Dwarf Edible-pod Snow Sugar Snap Pigeon Sword Bean</p>	<p>21 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽⁵⁾</p>	<p>For peas apply before bloom, but no later than 21 days before harvest.</p> <p>Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses.</p> <p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Restrictions - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT apply more than 1 application per acre per year. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per year. - For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 2 applications at 4 fl oz (0.0625 lb ai) per acre per year.</p>
<p>Melon [Subgroup 9A] Citron melon Muskmelon (including cantaloupe) Watermelon</p>	<p>14 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions -For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>
<p>Peppermint and Spearmint Tops</p>	<p>21 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A by air.)</p>	<p>Restrictions -For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. - DO NOT make more than 2 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Mustard Seed[*]	75 days	4-6 fl oz (0.0625-0.094 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> - DO NOT apply more than 6 fl oz (0.094 lb ai) per acre per application. - DO NOT make more than 2 applications per acre per year. - DO NOT apply more than 12 fl oz (0.188 lb ai) per acre per year. - DO NOT apply after crop has begun bolting. Crop injury may occur when SUN-CLETHODIM 240 EC is applied during the bloom period. - For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 3 applications at 4 fl oz (0.0625 lb ai) per acre per year. - For repeat applications make on a minimum of a 14 day interval.
Okra[*]	3 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> -For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre⁽²⁾	Special Use Instructions
<p>[Bulb Onion] [Subgroup 3-07A] Onion (Dry Bulb Only) including Daylily, Bulb Fritillaria, Bulb Garlic, Bulb Garlic, Great-headed, Bulb Garlic, Serpent, Bulb Lily, Bulb Onion, Bulb Onion, Chinese, Bulb Onion, Pearl Onion, Potato, Bulb Shallot, Bulb Cultivars, varieties, and/or hybrids of these.</p>	<p>45 days</p>	<p>6-16 fl oz (0.094- 0.250 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Minimum of 20 gal/A spray volume by ground in entire U.S.</p> <p>Minimum of 20 gal/A spray volume by air in California.</p> <p>In states other than California, make air applications to onions or garlic in a minimum of 10 gal/A.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. · When applying by air, DO NOT exceed 8 fl oz (0.125 lb ai) per acre per application and 16 fl oz (0.25 lb ai) per acre per year. · For spot treatments, DO NOT exceed 0.37 fl oz (0.006 lb ai) per 1000 sq ft per single application. · For spot treatment, DO NOT exceed 0.73 fl oz (0.01 lb ai) per 1000 sq ft per year. · In California, DO NOT apply SUN-CLETHODIM 240 EC to garlic or onion until the crop has at least two full leaves. Use a 14 day spray interval between the application of SUN-CLETHODIM 240 EC and liquid nitrogen or other herbicide applications. <p>Injury to crop may occur when shorter intervals are observed.</p> <p>For Garlic</p> <ul style="list-style-type: none"> · When applying by ground, DO NOT exceed 8 fl oz (0.125 lb ai) per acre per application or 16 fl oz (0.250 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre⁽²⁾	Special Use Instructions
<p>Onion, Green [Subgroup 3-07B][*] including: Chive (fresh leaves) Chive, Chinese (fresh leaves) Elegans Hosta Fritillaria (leaves) Kurrat Lady's Leek Leek Leek, Wild Onion, Beltsville (bunching) Onion (fresh) Onion, Green Onion, Macrostem Onion, Tree (tops) Onion, Welsh (tops) Shallot (fresh leaves) Cultivars, varieties, and/or hybrids of these commodities.</p>	<p>14 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> - For repeat applications make on a minimum of a 14 day interval. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. - For air applications to onion, DO NOT exceed 8 fl oz (0.125 lb ai) per acre per application. - In California for air applications to onion, DO NOT exceed 2 applications per year. - For spot treatments, DO NOT exceed 0.18 fl oz (0.003 lb ai) per 1000 sq ft per single application. - For spot treatment, DO NOT exceed 0.73 fl oz (0.01 lb ai) per 1000 sq ft per year. <p>. In California, DO NOT apply SUN-CLETHODIM 240 EC to onion or garlic until the crop has at least two full leaves. Use a 14 day spray interval between the application of SUN-CLETHODIM 240 EC and liquid nitrogen or other herbicide applications. Injury to crop may occur when shorter intervals are observed.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 6C] Dried Shelled Pea including: Pea (Pisum spp.) Field Pigeon</p>	<p>30 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽³⁾</p>	<p>Apply before bloom but not later than 30 days prior to harvest.</p> <p>Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses.</p> <p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals and volunteer corn.</p> <p>Applications of SUN-CLETHODIM 240 EC to peas during the bloom period could result in severe crop injury, including loss of yield and delayed maturity.</p> <p>Restrictions</p> <ul style="list-style-type: none"> . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. . DO NOT make more than 1 application per acre per year. . DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per year. . For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 2 applications at 4 fl oz (0.0625 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 6B] Pea, Succulent Shelled including: Pea (Pisum spp.) English Pea Garden Pea Green Pea Pigeon Pea</p>	<p>21 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽³⁾</p>	<p>Apply before bloom but not later than 21 days prior to harvest. Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses. The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 1 application per acre per year. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per year. · For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 2 applications at 4 fl oz (0.625 lb ai) per acre per year.
<p>Peanut (including Perennial)</p>	<p>40 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽³⁾</p>	<p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome. Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
<p>[Crop Group 11-10] Pome Fruit including Apple Azarole Crabapple Loquat Mayhaw Medlar Pear Pear, Asian Quince Quince, Chinese Quince, Japanese Tejocote</p>	<p>14 days</p>	<p>4-8 fl oz (0.0625-0.125 lb ai/A)</p>	<p>Non-ionic surfactant (NIS) at 0.25% v/v</p>	<p>Restrictions</p> <p>-For repeat applications make on a minimum of a 14 day interval.</p> <ul style="list-style-type: none"> · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Potato	30 days	6-16 fl oz (0.094-0.250 lb ai/A)	1 qt by ground or 1% v/v (but not less than 1 pt/A) by air. ⁽³⁾	<p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Radish Radish Leaves	15 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per year.
<p>[Subgroup 1B] Root Vegetables (except Sugar Beet and Radish), including: Burdock, Edible Celeriac Chervil, Turnip Rooted Chicory Ginseng Horseradish Parsley, Turnip Rooted Parsnip Radish, Oriental Rutabaga Salsify Salsify, Black Salsify, Spanish Skirret Turnip</p>	30 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Safflower	70 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. . DO NOT make more than 4 applications per acre per year. . DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Sesame	14 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. . DO NOT make more than 2 applications per acre per year. . DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per year. . DO NOT apply during flowering.
Soybean	60 days	6-16 fl oz (0.094-0.250 lb ai/A)	1 qt by ground or 1% v/v (but not less than 1 pt/A) by air. ⁽³⁾	<p>Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses. The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. . DO NOT make more than 2 applications per acre per year. . DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. . DO NOT graze treated fields or feed treated forage or hay to livestock. . For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 8 applications at 4 fl oz (0.0625 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>Squash/Cucumber [Subgroup 9B] Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Cucumber Gherkin Gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra) Momordica spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber) Pumpkin Squash, Summer Squash, Winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash)</p>	<p>14 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
<p>Stalk and Stem Vegetable [Subgroup 22A][*] Agave Aloe Vera Asparagus Bamboo Shoots Celtnce Fennel, Florence (fresh leaves and stalk) Fern, Fiddlehead (edible) Kale, Sea Kohlrabi Palm Hearts Prickly Pear (pads) Prickly Pear, Texas (pads) cultivars, varieties, and/or hybrids of these commodities</p>	<p>1 days</p>	<p>6-8 fl oz (0.094-0.125 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Stevia, dried leaves	14 days	4-8 fl oz (0.0625-0.125 lb ai/A)	Non-ionic Surfactant (NIS) at 0.25% v/v	<p>SUN-CLETHODIM 240 EC has not been tested on all varieties. It is the responsibility of the user to test SUN-CLETHODIM 240 EC on a small portion of the crop to be treated before treating the entire field.</p> <p>Verify crop safety to SUN-CLETHODIM 240 EC on a small area of the crop, at the desired SUN-CLETHODIM 240 EC rate and with the same non-ionic surfactant (NIS) that will be used on the field. If no crop response is evident 7 days after treatment, SUN-CLETHODIM 240 EC may be used on the entire field at the rate tested and with the same NIS used in the crop safety test.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
<p>[Crop Group 12-12] Stone Fruit including Apricot Apricot, Japanese Capulin Cherry, Black Cherry, Nanking Cherry, Sweet Cherry, Tart; Jujube, Chinese Nectarine Peach Plum Plum, American Plum, Beach Plum, Canada Plum, Cherry Plum, Chickasaw Plum, Damson Plum, Japanese; Plum, Klamath Plum, Prune Plumcot Sloe</p>	14 days	4-8 fl oz (0.0625-0.125 lb ai/A)	Non-ionic Surfactant (NIS) at 0.25% v/v	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Strawberry	4 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. · DO NOT make more than 4 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Sugar Beet	40 days	6-16 fl oz (0.094-0.250 lb ai/A)	1 qt by ground or 1% v/v (but not less than 1 pt/A) by air. ⁽³⁾	<p>Refer to appropriate Table for reduced rate prescribed for the control of small annual grasses.</p> <p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. <p>For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 8 applications at 4 fl oz (0.0625 lb ai) per acre per year.</p>

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre⁽²⁾	Special Use Instructions
<p>[Subgroup 20B] Sunflower including: Calendula Castor oil Plant Chinese Tallowtree Euphorbia Evening Primrose Jojoba Niger Seed Rose Hip Stokes Aster Tallowwood Tea Oil Plant Vernonia</p>	<p>70 days</p>	<p>6-16 fl oz (0.094-0.250 lb ai/A)</p>	<p>1 qt by ground or 1% v/v (but not less than 1 pt/A) by air.⁽³⁾</p>	<p>The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome Johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.</p> <p>Verify crop safety to SUN-CLETHODIM 240 EC on a small area of the crop, at the desired SUN-CLETHODIM 240 EC rate and with the same crop oil concentrate that will be used on the field. If no crop response is evident seven (7) days after treatment, SUN-CLETHODIM 240 EC may be used on the entire field at the rate tested and with the same crop oil used in the crop safety test.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. · For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 8 applications at 4 fl oz (0.0625 lb ai) per acre per year.
<p>Tomato</p>	<p>20 days</p>	<p>6-16 fl oz (0.094-0.250 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
<p>[Subgroup 20B] Sunflower including: Tree Nuts [Crop Group 14-12] Including: African Nut-tree Almond Beechnut Brazil Nut Brazilian Pine Bunya Bur Oak Butternut Cajou Nut Candlenut Cashew Chestnut Chinquapin Coconut Coquito Nut Dika Nut Ginkgo Guiana Chestnut Hazelnut (Filbert) Heartnut Hickory Nut Japanese Horse-chestnut Macadamia Nut Mongongo Nut Monkey-pot Monkey Puzzle Nut Okari Nut Pachira Nut Peach Palm Nut Pecan Pequi Pili Nut Pine Nut Pistachio Sapucaia Nut Tropical Almond Walnut, Black Walnut, English Yellowhorn Cultivars, varieties, and/or hybrids of these.</p>	<p>14 days</p>	<p>6-16 fl oz (0.094-0.250 lb ai/A)</p>	<p>1% v/v in the finished spray volume.</p>	<p>Restrictions</p> <ul style="list-style-type: none"> . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 16 fl oz/A (0.250 lb ai/A) per acre per application. . DO NOT make more than 4 applications per acre per year. . DO NOT apply more than 64** fl oz/A (1.0 lb ai/A) per year.

** In California the maximum rate is 32 fl oz/acre (0.50 lb ai/A) per year

CROP SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC

Crops ⁽¹⁾	Minimum Time From Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Special Use Instructions
Tuberous and Corn Vegetables Subgroup [Subgroup 1C] (except Potato) Including Sweet Potato, Yam Artichoke Chinese Jerusalem Cassava Bitter Sweet Ginger	30 days	6-16 fl oz (0.094-0.250 lb ai/A)	1% v/v in the finished spray volume.	The addition of Ammonium Sulfate (AMS) has shown improved grass control for difficult to control species including: quackgrass, rhizome, Johnsongrass, red rice, wild oats, volunteer cereals and volunteer corn. Restrictions . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. . DO NOT make more than 2 applications per acre per year. . DO NOT apply more than 32 fl oz(0.500 lb ai) per acre per year
Turnip Greens	14 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	.Restrictions . For a repeat application make on a minimum of a 14 day interval. . DO NOT apply more than 8 fl oz/A (0.125 lb ai/A) per acre per application. . DO NOT make more than 4 applications per acre per year. . DO NOT apply more than 32 fl oz/A (0.500 lb ai/A) per year.
Watercress[*]	30 days	6-8 fl oz (0.094-0.125 lb ai/A)	1% v/v in the finished spray volume.	Restrictions . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 8 fl oz/A (0.125 lb ai/A) per acre per application. . DO NOT make more than 4 applications per acre per year. . DO NOT apply more than 32 fl oz/A (0.500 lb ai/A) per year. . DO NOT apply when watercress is under flood conditions. . DO NOT apply SUN-CLETHODIM 240 EC when water is in the field and hold water for at least 24 hours after an application.

N/A = Not Applicable

[*Not for use in California.]

1. **SUN-CLETHODIM 240 EC** is not to be used on vegetable crops being grown for seed production unless specific use directions are provided.
2. Acceptable crop oil concentrates would be those which contain a minimum of 80% oils and 15% emulsifier. A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria: be non-phytotoxic, contain only EPA-exempt ingredients, provide good mixing quality and be successful in local experience. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. See the Addition of Adjuvant and Crop Oil Concentrate section for further information.
3. **SUN-CLETHODIM 240 EC** may be applied to seedling or established alfalfa grown for seed, hay, silage, green chop or direct grazing.
4. For weed control in established alfalfa and peppermint and spearmint tops, the minimum use rate is 10 fl oz/A (0.156 lb ai).
5. 1 to 2 qt/A of liquid fertilizer (10-34-0, 28%N or 32%N), or an equivalent amount (2.5 to 4.0 lb/A) of spray grade ammonium sulfate (AMS) may be added to **SUN-CLETHODIM 240 EC** applications, in addition to the specified rate of crop oil concentrate.
6. Restriction: **DO NOT** apply **SUN-CLETHODIM 240 EC** plus 2,4-DB as a tank mix to alfalfa unless the 60 day feeding, grazing, and harvesting restriction on the 2,4-DB label can be observed.

IMPORTANT

Plant safety to **SUN-CLETHODIM 240 EC** at labeled rates has been found to be acceptable for the indicated genera and species listed below. Due to variability within species, crop growth stage, environmental conditions, and application techniques, determine if the herbicide can be used safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of **SUN-CLETHODIM 240 EC** have investigated the safety factor to plants not listed on the label.

CHEMIGATION - ONION (Dry Bulb), GREEN ONION AND GARLIC SPRINKLER IRRIGATION APPLICATION

Only apply **SUN-CLETHODIM 240 EC** by chemigation to Onions (dry bulb and green) and Garlic crops.

May be applied to onions and garlic by sprinkler irrigation systems.

Apply **SUN-CLETHODIM 240 EC** at the high rate for annual grasses 16 fl oz (0.250 lb ai) per acre when the grass height is at the low end of the range (application to larger grasses may not provide adequate control). Add a crop oil concentrate containing at least 15% emulsifier at 1 quart per acre. Apply **SUN-CLETHODIM 240 EC** in 0.1 to 0.2 acre-inch of water either at the end of a regular irrigation set or as a separate application not associated with a regular irrigation using the least amount of water that provides proper distribution and coverage. Application of more than label quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness. Use a metering device to inject the **SUN-CLETHODIM 240 EC** into the irrigation water at a constant flow. Constant agitation must be maintained in the chemical supply tank during the entire period of herbicide application. Inject the product with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. Allow time for all lines to flush the herbicide through all nozzles before turning off irrigation water. To ensure the lines are flushed and free of remaining herbicide, a dye indicator may be injected into the lines to mark the end of the application period.

Restrictions

- **DO NOT** apply **SUN-CLETHODIM 240 EC** by chemigation in the states of Idaho, Montana, Oregon and Washington.
- **DO NOT** apply this product through any irrigation system connected to a public water system.
- **DO NOT** apply by chemigation to any other crop, or to this crop using any other type of irrigation system.

- **DO NOT** apply **SUN-CLETHODIM 240 EC** through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- **DO NOT** apply this product through any other type of irrigation system (i.e. Public Irrigation System).
- **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.
- A person knowledgeable of the chemigation system and responsible for its operation or under supervision of the responsible person, must shut the system down and make necessary adjustments, if needed.
- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, including a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.
- Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move.

Precautions

- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.
- If you have any questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

**INSTRUCTIONS FOR ANNUAL GRASSES
(EXCEPT FOR IN ESTABLISHED ALFALFA AND PEPPERMINT AND SPEARMINT TOPS)**

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

Restrictions

- **DO NOT** exceed the maximum rate per application listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.
- **DO NOT** exceed the maximum number of applications per year listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.
- **DO NOT** exceed the maximum yearly rate listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.

**INSTRUCTIONS FOR ANNUAL GRASSES
(EXCEPT FOR IN ESTABLISHED ALFALFA AND PEPPERMINT AND SPEARMINT TOPS)**

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT* (inches)	RATE FL OZ/ ACRE (lb ai/A)	HIGH RATE ⁽¹⁾ FL OZ/ACRE (lb ai/A)
Barnyardgrass	Echinochloa crus-galli	2 to 8	6 (0.094)	8 (0.125)
Broadleaf Signalgrass	Brachiaria platyphylla	2 to 6	6	8
Brome				
California	Bromus carinatus	2 to 6	6	8
Cheat	Bromus secalinus	2 to 6	6	8
Downy	Bromus tectorum	2 to 6	6	8
Ripgut	Bromus diandrus	2 to 6	6	8
Canarygrass	Phalaris canariensis	1 to 4	6	8
Crabgrass				
Hairy	Digitaria adscendens	2 to 6**	6	8
Large	Digitaria sanguinalis	2 to 6**	6	8
Smooth	Digitaria ischaemum	2 to 6**	6	8
Southern	Digitaria ciliaris	2 to 6**	6	8
Crowfootgrass	Dactyloctenium aegyptium	2 to 6**	6	8
Fall Panicum	Panicum dichotomiflorum	2 to 8	6	8
Field Sandbur	Cenchrus incertus	2 to 6	6	8
Foxtail				
Giant	Setaria faberi	2 to 12	6	8
Green	Setaria viridis	2 to 8	6	8
Yellow	Setaria glauc	2 to 8	6	8
Goosegrass	Eleusine indica	2 to 6**	6	8
Itchgrass	Rottboellia cochinchinensis	2 to 6	6	8
Junglerice	Echinochloa colona	2 to 6	6	8
Lovegrass (Stinkgrass)	Eragrostis cilianensis	2 to 6	6	8
Rabbitsfootgrass	Polypogon monspeliensis	1 to 4	6	8
Red Rice	Oryza sativa	1 to 3	6	8
Ryegrass				
Hardy	Lolium remotum	2 to 6	6	8
Italian	Lolium multiflorum	2 to 6	6	8
Seedling Johnsongrass	Sorghum halepense	4 to 10	6	8
Shattercane	Sorghum bicolor	6 to 18	6	8
Southwestern Cupgrass	Eriochloa gracilis	2 to 6	6	8

continued

INSTRUCTIONS FOR ANNUAL GRASSES
(EXCEPT FOR IN ESTABLISHED ALFALFA AND PEPPERMINT AND SPEARMINT TOPS) (continued)

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT (inches)*	RATE FL OZ/ ACRE (lb ai/A)	HIGH RATE ⁽¹⁾ FL OZ/ ACRE (lb ai/A)
Sprangle top				
Amazon	Leptochloa panicoides	2 to 6	6 (0.094)	8 (0.125)
Bearded	Leptochloa fascicularis	2 to 6	6	8
Mexican	Leptochloa uninervia	2 to 6	6	8
Red	Leptochloa filiformis	2 to 6	6	8
Texas Panicum	Panicum texanum	2 to 6	6	8
Volunteer Cereals ⁽²⁾				
Barley	Hordeum vulgare	2 to 6	6	8
Oats	Avena sativa	2 to 6	6	8
Rye	Secale cereale	2 to 6	6	8
Wheat	Triticum aestivum	2 to 6	6	8
Volunteer Corn ⁽³⁾	Zea mays	4 to 12	4 (0.0625)	6
Volunteer Corn ⁽³⁾	Zea mays	12 to 24	6	8
Volunteer Corn (S.R.) ⁽⁴⁾	Zea mays	4 to 12	8 (suppression only)	
Volunteer Grain Sorghum	Sorghum bicolor	8 to 12	6	8
Wild Oats	Avena fatua	2 to 6	6	8
Wild Proso Millet	Panicum miliaceum	2 to 10	6	8
Witchgrass	Panicum capillare	2 to 8	6	8
Woolly Cupgrass	Eriochloa villosa	2 to 8	6	8

*Occurs between 3-leaf stage and tillering.

**Length of lateral growth.

⁽¹⁾ Rates higher than 8 fl oz/A (0.125 lb ai/A) may be applied in certain geographic areas, cropping situations, or environmental conditions, where experience has shown that higher rates are needed for satisfactory control of annual grasses. In these situations, rates from 8 to 16 fl. oz/A (0.125 to 0.250 lb ai/A) may be applied.

⁽²⁾ When a cereal grain crop (including wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum **SUN-CLETHODIM 240 EC** use rate for control is 8 fl oz/A (0.125 lb ai/A).

⁽³⁾ Includes Roundup Ready®, Liberty Link® and IMI-CORN® volunteer corn.

⁽⁴⁾ Sethoxydim resistant volunteer corn.

**INSTRUCTIONS FOR ANNUAL & PERENNIAL GRASS CONTROL
IN ESTABLISHED ALFALFA AND PEPPERMINT AND SPEARMINT TOPS
ITH SUN-CLETHODIM 240 EC**

GRASS SPECIES	WEED STAGE	RATE FL OZ/ ACRE	HIGH RATE
Annual & Perennial Grasses Listed in Grass Table	See Table	10	16

Mowing: The best control of annual grasses can be achieved by applying **SUN-CLETHODIM 240 EC** before grass weeds are mowed. Once a grass is mowed it becomes tougher to control, as much of the available leaf surface has been removed. In areas without a killing frost, some annuals can over-winter after having been mowed multiple times. These grasses form large crowns and may contain many viable buds. These grasses, even though they may be an annual grass, may require repeated applications of **SUN-CLETHODIM 240 EC** for partial or complete control.

Irrigated Alfalfa and Peppermint and Spearmint Tops: Irrigation practices can be very critical to the successful use of **SUN-CLETHODIM 240 EC** in established alfalfa, peppermint and spearmint tops and may be necessary to initiate active growth of the weeds prior to application. Applications 2 to 4 days after an irrigation are most effective. Irrigation made shortly after application (2 days) can be effective, but more consistent grass control occurs when the irrigation is made before the application.

Aerial Application: Apply **SUN-CLETHODIM 240 EC** in a minimum of 10 GPA in established alfalfa and peppermint and spearmint tops when applying by air.

Annual Grass Control: Apply **SUN-CLETHODIM 240 EC** at the grass sizes indicated in the Directions for Annual Grass Table and rates indicated. If a grass has been cut, apply **SUN-CLETHODIM 240 EC** after active growth has resumed and regrowth has reached the minimum height and before it reaches the maximum height indicated. Apply before the alfalfa/peppermint and spearmint tops canopy covers the grasses and interferes with the spray coverage. Some annual grasses are spring- and summer-germinating plants, while others are fall-germinating plants, and the time they are actively growing and most susceptible to **SUN-CLETHODIM 240 EC** may vary from region to region. Also some annuals germinate over an extended period of time, and because control of small grasses is desired, applications after each weed flush may be required. Spray spring and summer-germinating grasses as early in the season as possible, after initial green-up. Spray fall-germinating weeds in the fall soon after they begin growing but before any damage is done due to frost. Late fall applications may be less effective due to environmental conditions, including frost, slower plant growth, or the onset of flowering.

Perennial Grass Control: **SUN-CLETHODIM 240 EC** effectively controls perennial grasses including bermudagrass, Johnsongrass, quackgrass, wirestem muhly, tall fescue, foxtail barley and orchardgrass. Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop including established alfalfa or peppermint and spearmint tops. A program of repeated applications is usually necessary for best results. The best way to control perennial grasses is to do so in the year of stand establishment before rhizomes and stolons become large and difficult to kill.

Use the high rate under heavy grass pressure and/or when grasses are at or near maximum height.

Always add a crop oil concentrate at 1 qt/A by ground or 1% v/v (but not less than 1 pt/A) to the finished spray volume by air.

INSTRUCTIONS FOR ANNUAL BLUEGRASS CONTROL WITH SUN-CLETHODIM 240 EC

GRASS SPECIES	WEED STAGE	RATE FL OZ/ ACRE	HIGH RATE FL OZ/ ACRE (lb ai/A)
Annual Bluegrass (<i>Poa annua</i>)	to 4-leaf	6*(0.094)	16(0.250)

Apply under favorable soil moisture and humidity, which exists within a few days after rainfall or within 7 days after irrigation. Grass needs to be actively growing at time of application(s).

Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.

Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.

Always add a crop oil concentrate at 1 qt/A by ground to the finished spray volume.

*Use a minimum of 10 fl oz/A (0.156 lb ai/A) to control annual bluegrass in seedling and established alfalfa and peppermint and spearmint tops.

**DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES
IN CANOLA, DRIED SHELLED BEAN & PEA (INCLUDING SOYBEAN),
EDIBLE PODDED LEGUME VEGETABLES, FLAX, MUSTARD SEED,
BEAN & PEA (SUCCULENT SHELLED) AND SUGAR BEET
(REDUCED RATE DIRECTIONS NOT FOR USE IN CALIFORNIA)**

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Regrowth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low or high temperatures and/or under very low humidity.

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT (inches)	RATE FL OZ/ ACRE ⁽¹⁾ (lb ai/A)
Barnyardgrass	Echinochloa crus-galli	1 to 4	4 (0.0625)
Broadleaf Signalgrass	Bracharia platyphylla	1 to 4	5 (0.078)
Crabgrass			
Large	Digitaria sanguinalis	1 to 3*	4
Large	Digitaria sanguinalis	1 to 4*	5
Smooth	Digitaria ischaemum	1 to 3*	4
Smooth	Digitaria ischaemum	1 to 4*	5
Southern	Digitaria ciliaris	1 to 4*	5
Fall Panicum	Panicum dichotomiflorum	1 to 4	4
Foxtail			
Giant	Setaria faberi	1 to 4	4
Green	Setaria viridis	1 to 4	4
Millet	Setaria italica	1 to 4	5
Yellow	Setaria glauca	1 to 4	4
Seedling Johnsongrass	Sorghum halepense	1 to 6	5
Shattercane	Sorghum bicolor	4 to 10	4
Texas Panicum	Panicum texanum	1 to 4	5
Volunteer Cereals			
Barley	Hordeum vulgare	1 to 4	5
Oats	Avena sativa	1 to 4	5
Wheat	Triticum aestivum	1 to 4	5
Volunteer Corn**	Zea mays	4 to 12	4
Wild Proso Millet	Panicum miliaceum	1 to 6	4
Wild Oats	Avena fatua	1 to 4	5

*Length of lateral growth

**Not S.R. Corn

⁽¹⁾Always add a crop oil concentrate at 1 qt/A by ground application to the finished spray volume.

INSTRUCTIONS FOR PERENNIAL GRASSES

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

Restrictions

- **DO NOT** exceed the maximum application rate listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.
- **DO NOT** exceed the maximum number of applications per year listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.
- **DO NOT** exceed the maximum yearly rate listed in Table 1, Crop Specific Use Directions and Restrictions for **SUN-CLETHODIM 240 EC**.

INSTRUCTIONS FOR PERENNIAL GRASSES continued

GRASS SPECIES	WEED HEIGHT (inches)	RATE FL OZ/ ACRE (lb ai/A)	HIGH RATE FL OZ/ACRE (lb ai/A)
Bermudagrass (Cynodon dactylon)			
First Application	3 (or up to 6" runners)	8 (0.125)	16 (0.250)
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16
Fescue, Tall (Festuca arundinacea)			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
Foxtail Barley (Hordeum jubatum)			
First Application	2 to 6	8	16
Repeat Application(s) (if regrowth occurs)	2 to 6	8	16
Orchardgrass (Dactylis glomerata)			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
Quackgrass* (Elytrigia repens)			
First Application	4 to 12	8	16
Repeat Application(s) (if regrowth occurs)	4 to 12	8	16
Rhizome Johnsongrass (Sorghum halepense)			
First Application	12 to 24	8	16
Repeat Application(s) (if regrowth occurs)	6 to 18	6 (0.094)	8
Wirestem Muhly (Muhlenbergia frondosa)			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
Perennial Bluegrass*			
Roughstalk (Poa trivialis)			
Kentucky (Poa prantensis)			
First Application	2 to 4	8	16
Repeat Application(s) (if regrowth occurs)	2 to 4	8	16
Bentgrass* (Agrostis spp.)			
First Application	2 to 4	-	16
Repeat Application(s) (if regrowth occurs)	2 to 4	-	16

*Control of quackgrass, perennial bluegrass and bentgrass with **SUN-CLETHODIM 240 EC** may be enhanced by adding Ammonium Sulfate (AMS) at 2.5 to 4.0 lb/A

TANK MIXES INFORMATION

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture, including all crop rotational and other crop restrictions. Those concerns may include, but are not limited to:

1. Geographic restrictions - all products are not registered for use in all areas and rates may vary from one region of labeled use to another;
2. Crop rotation restrictions;
3. Applicator certification requirements;
4. Worker safety rules (e.g. protective clothing, reentry time, posting);
5. Soil type or soil characteristics (e.g. pH, OM);
6. Maximum dosage or number of applications per year;
7. Rain free period required; or
8. Application timing (e.g. pre-harvest interval)
9. **DO NOT** exceed the total yearly rates.

TANK MIX APPLICATION OF SUN-CLETHODIM 240 EC AND BROADLEAF HERBICIDES FOR CONTROL OF GRASSES AND BROADLEAF WEEDS

- Apply only to actively growing grass and broadleaf weeds at specified height or growth stage listed on each label.
- Apply when the first grass or broadleaf weed species in a mixed population reaches the specified height or growth stage for treatment.
- Apply under favorable soil moisture and humidity that exist a few days after rainfall or within seven days after irrigation.
- Always add the appropriate adjuvant to the spray mix at the labeled rate for each specific tank mix combination.
- Tank mix applications may sometimes result in reduced grass control and possible increases in crop injury as compared to either product used alone. If regrowth occurs, or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC**, as specified in the respective size and rate tables.
- **DO NOT** tank mix **SUN-CLETHODIM 240 EC** when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, add the correct amount of **SUN-CLETHODIM 240 EC**. Agitation creates a rippling or rolling action on the water surface.
3. If tank mixing **SUN-CLETHODIM 240 EC** with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates, and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
4. Add any required adjuvants (crop oil concentrate, non-ionic surfactant and/or nitrogen solution).
5. Fill spray tank to desired level with water. **Continue agitation until all spray solution has been applied.**

Failure to agitate the spray solution may result in improper mixing of the herbicides and unsatisfactory weed control. Verify mixing and compatibility qualities by a jar test.

INFORMATION ON ANTAGONISM

Tank mixes of **SUN-CLETHODIM 240 EC** with postemergence broadleaf herbicides have shown some reduction or failure to control certain grass species which would have otherwise been controlled when **SUN-CLETHODIM 240 EC** is applied alone. Activity of the postemergence broadleaf herbicide in the tank mix is not affected.

ALFALFA

Table 1. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR ALFALFA (Refer to the instruction tables above for specific grasses and growth stages)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC + 2,4-DB ⁽⁴⁾	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to 2,4-DB label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to 2,4-DB label for use rate.	1%	1%
SUN-CLETHODIM 240 EC + Pursuit DG ⁽⁵⁾ (imazethapyr) or Pursuit ⁽⁵⁾ (imazethapyr)	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Pursuit DG or Pursuit labels for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC + Buctril [®] 2L ⁽⁶⁾ (bromoxynil)	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Buctril 2L label for use rate.	-	0.5%	0.5%

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽⁴⁾ **SUN-CLETHODIM 240 EC** plus 2,4-DB may increase the severity of crop injury when tank mixed. Alfalfa plants will outgrow this temporary crop injury within a few weeks.

⁽⁵⁾ Before using this tank mix, read and understand the Pursuit or Pursuit DG labels for geographical restrictions and restrictions regarding alfalfa growth stage and type. Failure to do so can result in crop injury to alfalfa.

Restriction: DO NOT feed, graze, or harvest alfalfa for 30 days following an application of Pursuit to alfalfa.

⁽⁶⁾ In the states of Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada and the western halves of North Dakota, South Dakota, Nebraska, and Kansas: The **SUN-CLETHODIM 240 EC** plus Buctril tank mix must be applied in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 2 trifoliates. Unacceptable crop injury may occur to alfalfa seedlings less than the 2 trifoliolate leaf stage.

SUN-CLETHODIM 240 EC plus Buctril applications made when temperatures are expected to exceed 80°F at (and 3 days following) application can result in unacceptable crop injury. In the states not listed above, apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliolate leaves. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa in the 2 trifoliolate or smaller stage of growth.

SUN-CLETHODIM 240 EC plus Buctril applications made when temperatures are expected to exceed 70°F at (and 3 days following) application can result in unacceptable crop injury.

Crop leaf burn can occur following **SUN-CLETHODIM 240 EC** plus Buctril application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected.

⁽⁷⁾ **Restriction: DO NOT** apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application.

CANOLA (EXCEPT FLAX)
[Rapeseed Subgroup 20A (except flax seed, mustard seed and sesame seed)]

Table 2. REDUCED RATE SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES (Refer to the instruction tables above for specific grasses and growth stages)

PRODUCT	APPLICATION RATES/ACRE		AMMONIUM SULFATE	
	ANNUAL GRASSES ⁽¹⁾	PERENNIAL GRASSES	GROUND	AIR
	SUN-CLETHODIM 240 EC ⁽²⁾ + Liberty ^{®(3)} (glufosinate)	4 to 5 fl oz (0.0625 to 0.078 lb ai) + Refer to Liberty label use rate.	-	3.0 lb

⁽¹⁾Annual grasses and sizes controlled with these tank mixtures are those that are identified in the **DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES** table.

⁽²⁾Restriction: **DO NOT** apply **SUN-CLETHODIM 240 EC** tank mix during or after bolting or flowering or crop injury may occur.

⁽³⁾For use only on Liberty Link canola.

COTTON

Table 3. SUN-CLETHODIM 240 EC TANK MIXED WITH COBRA® HERBICIDE AND MSMA APPLIED POST DIRECTED TO COTTON.

PRODUCT ⁽¹⁾	APPLICATION RATES/ACRE ⁽²⁾		CROP OIL CONCENTRATE ⁽³⁾ V/V	COMMENTS
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	
SUN-CLETHODIM 240 EC ⁽⁴⁾ + Cobra Herbicide (lactofen) + MSMA (4.0 lb/gal) or MSMA (6.6 lb/gal)	6 to 8 fl oz (0.094 to 0.125 lb ai)	8 to 16 fl oz (0.125 to 0.250 lb ai)	1%	Reduce broadcast rate in proportion to the band area actually treated.
	See Cobra Herbicide label for rate to control broadleaf weeds and height limitations for cotton. Refer to the SUN-CLETHODIM 240 EC label for weed height and species controlled.			
	See MSMA label for rate to control broadleaf weeds and height limitations for cotton. Refer to the SUN-CLETHODIM 240 EC label for weed height and species controlled.			

⁽¹⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽²⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽⁴⁾ If at the time of application, grass height is so tall that post-directed applications cannot get good coverage over the top of the grassy weeds, then poor control may result and a second (non-post directed) application of **SUN-CLETHODIM 240 EC** may be necessary.

COTTON (continued)

Table 4. SUN-CLETHODIM 240 EC TANK MIXED WITH BUCTRIL 4 EC TO CONTROL EMERGED WEEDS IN BXN COTTON AS A BROADCAST APPLICATION

PRODUCT ⁽¹⁾	APPLICATION RATE/ACRE ⁽²⁾	CROP OIL CONCENTRATE PER ACRE ⁽³⁾	COMMENTS ⁽⁷⁾
	ANNUAL GRASSES		
SUN-CLETHODIM 240 EC + Buctril 4 EC ^(4,5,6) (bromoxynil)	8 to 16 fl oz (0.125 to 0.250 lb ai) Refer to Buctril 4 EC label for use rate to control broadleaf weeds and height limitations for cotton.	1 qt	See charts for grasses controlled.

⁽¹⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage.

⁽²⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** at the prescribed rate with the appropriate amount of crop oil concentrate in a non-Buctril tank mix.

⁽³⁾ Always add a crop oil concentrate at 1 qt/A by ground in the finished spray solution.

⁽⁴⁾ Applications of Buctril 4 EC can be made only to BXN cotton or other cotton where bromoxynil can be applied in postemergence over-the-top applications.

⁽⁵⁾ **Restriction: DO NOT** apply the **SUN-CLETHODIM 240 EC** plus Buctril tank mix within 75 days of harvest.

⁽⁶⁾ **Restriction: DO NOT** exceed 2 applications of Buctril before cotton is 12 inches tall and one application after 12 inches tall.

⁽⁷⁾ Use a minimum of 10 gals of spray solution per acre.

Table 5. SUN-CLETHODIM 240 EC TANK MIXED WITH GLYPHOSATE TO CONTROL EMERGED GRASSES IN COTTON AS A BROADCAST APPLICATION

PRODUCT	APPLICATION RATE/ACRE ⁽¹⁾		ADJUVANT		COMMENTS
	ANNUAL GRASSES	PERENNIAL GRASSES	Glyphosate formulation with built in adjuvant	Glyphosate formulation without built in adjuvant	
SUN-CLETHODIM 240 EC + Glyphosate	6 to 8 fl oz (0.094 to 0.125 lb ai)	8 to 16 fl oz (0.125 to 0.250 lb ai)	Non-ionic surfactant @ 0.125 to 0.25% v/v plus ammonium sulfate @ 8.5 to 17 lb per 100 gals of carrier	Crop oil concentrate @ 1 pt/A plus ammonium sulfate @ 8.5 to 17 lb per 100 gals of carrier.	See charts for grasses controlled. Use a minimum of 10 gals of spray solution per acre.
	Refer to glyphosate label for use rate to control broadleaf weeds and height limitations for cotton.				

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** at the prescribed rate with the appropriate amount of crop oil concentrate.

BEANS (DRY AND SUCCULENT SHELLED)
[Succulent Shelled Pea and Bean Subgroup 6B]
[Dried Shelled Pea and Bean (except Soybean 6C)]

Table 6. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR BEANS (DRY AND SUCCULENT SHELLED)
 (Refer to the instruction tables above for specific grasses and growth stages.)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
	SUN-CLETHODIM 240 EC + Basagran® (bentazon)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Basagran label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Basagran label for use rate.	1%

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Broadleaf weed control may be reduced when grass populations are tall enough or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

FLAX

Table 7. REDUCED RATE SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR FLAX
(Refer to the instruction tables above for specific grasses and growth stages)

PRODUCT	APPLICATION RATES/ACRE		CROP OIL CONCENTRATE	
	ANNUAL GRASSES ⁽¹⁾	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC + Bronate Advanced™ ^(2, 3) (bromoxynil)	4 to 5 fl oz (0.0625 to 0.078 lb ai) + Refer to Bronate Advanced label for use rate.	-	1 pt	1 pt
SUN-CLETHODIM 240 EC + Bronate® ^(2, 3) (bromoxynil)	4 to 5 fl oz (0.0625 to 0.078 lb ai) + Refer to Bronate label for use rate.	-	1 pt	1 pt
SUN-CLETHODIM 240 EC + Buctril ^(2, 3) (bromoxynil)	4 to 5 fl oz (0.0625 to 0.078 lb ai) + Refer to Buctril label for use rate.	-	1 pt	1 pt
SUN-CLETHODIM 240 EC + Rhonox® ^(2, 3) (MCPA Ester)	4 to 5 fl oz (0.0625 to 0.078 lb ai) + Refer to Rhonox label use rate.	-	1 pt	1 pt

⁽¹⁾Annual grasses and sizes controlled with these tank mixtures are those that are identified in the **DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES** table.

⁽²⁾Restriction: **DO NOT** apply **SUN-CLETHODIM 240 EC** tank mix during or after the bud stage or to ornamental flax or crop injury may occur.

⁽³⁾Restriction: **DO NOT** apply tank mixes if temperatures are expected to exceed 85°F at (or 3 days following) application or crop injury may occur.

SOYBEAN

Table 8. SUN-CLETHODIM 240 EC TANK MIXES(3) TO CONTROL ANNUAL GRASSES WHEN USED AS A BURNDOWN IN NO-TILL SOYBEAN

PRODUCT	PRODUCT RATE/ACRE ⁽¹⁾	GRASS HEIGHT (inches)	CROP OIL CONCENTRATE /ACRE ⁽²⁾	28%N OR 32%N QTS/A OR 2.5 TO 4.0 LB AMS
SUN-CLETHODIM 240 EC + 2,4-D ester ⁽³⁾	3 fl oz (0.047 lb ai)	Foxtail 1 to 3 Fall Panicum 1 to 3	1 qt	1 to 2 qt or 2.5 to 4.0 lb AMS
	4 fl oz (0.0625 lb ai)	Foxtail 1 to 4 Fall Panicum 1 to 4	1 qt	1 to 2 qt or 2.5 to 4.0 lb AMS
	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to 2,4-D ester label for use rate.	(See Grass Chart for grasses claimed.)	1 qt	1 to 2 qt or 2.5 to 4.0 lb AMS

*2,4-D ester must not be used where drift sensitive crops may be grown.

⁽¹⁾ If regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** according to the appropriate size and rate requirements.

⁽²⁾ Always use a crop oil concentrate at the listed rate in the finished spray volume.

⁽³⁾ The following products can be tank mixed with **SUN-CLETHODIM 240 EC** plus 2,4-D ester: Valor® Herbicide, Dual II Magnum®, Prowl, plus the Dual product and Turbo®.

Table 9. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN
 (Refer to the instruction tables above for specific grasses and growth stages)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Cobra label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Cobra label for use rate.	0.5 to 1%	1%
SUN-CLETHODIM 240 EC + Basagran 4 SL (bentazon)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Basagran label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Basagran label for use rate.	1%	1%
SUN-CLETHODIM 240 EC + Glyphosate (For use on Roundup Ready soybean only)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to glyphosate label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to glyphosate label for use rate.	0.5 to 1% ⁽⁴⁾	1% ⁽⁴⁾
SUN-CLETHODIM 240 EC + Ultra Blazer® (acifluorfen)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Ultra Blazer label for use rate.	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Ultra Blazer label for use rate.	0.5 to 1%	1%

continued

Table 9. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to the instruction tables above for specific grasses and growth stages.) (continued)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾	
	ANNUAL GRASSES	PERENNIAL GRASSES	V/V	
			GROUND	AIR
SUN-CLETHODIM 240 EC + Flexstar [®] HL ⁽⁶⁾ (fomesafen)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to the Flexstar HL label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to the Flexstar HL label for use rate.	1%	1%
SUN-CLETHODIM 240 EC + Classic [®] 25 DG (chlorimuron ethyl)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Classic label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Classic label for use rate.	1%	1%
SUN-CLETHODIM 240 EC ⁽⁴⁾ + Pursuit 70 DG (imazethapyr)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Pursuit 70 DG label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Pursuit 70 DG label for use rate.	1%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + Classic 25 DG (chlorimuron ethyl)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Cobra label for use rate. + Refer to Classic 25 DG label for use rate.	-	0.5%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + Basagran 4 SL (bentazon)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Cobra label for use rate. + Refer to Basagran label for use rate	-	0.5%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + Pursuit 70 DG (imazethapyr)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Cobra label for use rate. + Refer to Pursuit 70 DG label for use rate.	-	0.5%	1%

Table 9. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to the instruction tables above for specific grasses and growth stages.) (continued)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾	
	ANNUAL GRASSES	PERENNIAL GRASSES	(V/V)	
			GROUND	AIR
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Resource [®] Herbicide (flumiclorac) (EPA Reg. No. 59639-82) + Pursuit 70 DG (imazethapyr)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Resource label for use rate. + Refer to Pursuit 70 DG for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Resource Herbicide (flumiclorac) (EPA Reg. No. 59639-82) + Basagran (bentazon)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Resource label for use rate. + Refer to Basagran label for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Resource Herbicide (flumiclorac) (EPA Reg. No. 59639-82) + Classic (chlorimuron ethyl)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Resource label for use rate. + Refer to Classic label for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + Resource Herbicide (flumiclorac) (EPA Reg. No. 59639-82)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Cobra label for use rate. + Refer to Resource label for use rate.	-	0.5%	1%
SUN-CLETHODIM 240 EC ⁽⁵⁾ + FirstRate [®] (cloransulam)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Firstrate label for use rate.	8 to 16 fl oz (0.094 to 0.125 lb ai) + Refer to FirstRate label for use rate.	1%	-

Table 9. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to the instruction tables above for specific grasses and growth stages.) (continued)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + FirstRate (cloransulam)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Cobra label for use rate. + Refer to FirstRate label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Cobra label for use rate. + Refer to FirstRate label for use rate.	1%	-
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Raptor® (1 AS) (imazamox)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Raptor (1 AS) label for use rate.	-	1%	-
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Cobra Herbicide (lactofen) (EPA Reg. No. 59639-34) + Raptor (1 AS) (imazamox)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Cobra label for use rate. + Refer to Raptor (1 AS) label for use rate.	-	1%	-
SUN-CLETHODIM 240 EC ⁽⁵⁾ + Resource Herbicide (flumiclorac) (EPA Reg. No. 59639-82)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Resource label for use rate.	-	1 qt	-

continued

Table 9. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to the instruction tables above for specific grasses and growth stages.) (continued)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾	
	ANNUAL GRASSES	PERENNIAL GRASSES	(V/V)	
			GROUND	AIR
SUN-CLETHODIM 240 EC + FirstRate (cloransulam) + Flexstar HL ⁽⁵⁾ (fomesafen)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to FirstRate and Flexstar HL label for use rates.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to FirstRate and Flexstar HL label for specific application rates.	1%	-

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽⁴⁾ The addition of 2.5 lb of ammonium sulfate is required when **SUN-CLETHODIM 240 EC** is tank mixed with glyphosate. If the glyphosate formulation has a stand alone built in adjuvant, add 0.125% v/v non-ionic surfactant in place of crop oil concentrate. If the glyphosate formulation does not have a built in adjuvant system, add 0.5 to 1% crop oil concentrate for ground application and 1% v/v for aerial application.

⁽⁵⁾ The addition of 1 to 2 qt/A of liquid fertilizer (10-34-0, 28%N, or 32%N) is advised when **SUN-CLETHODIM 240 EC** is tank mixed with Pursuit, Resource, Storm, FirstRate, Raptor, Frontrow, Cobra Herbicide plus Classic, Cobra Herbicide plus Basagran, Cobra Herbicide plus Pursuit, Cobra plus FirstRate, Cobra Herbicide plus and Cobra Herbicide plus Raptor. An equivalent amount (2.5 to 4.0 lb/A) of spray grade ammonium sulfate (AMS) may be added in place of liquid fertilizer. Fertilizer adjuvants are to be added in addition to the crop oil concentrate.

⁽⁶⁾ Refer to Flexstar HL label for geographic and rotational restrictions.

⁽⁷⁾ Annual grasses and sizes controlled with these tank mixtures are those that are identified in the **DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES** table.

SOYBEAN (continued)

Table 10. REDUCED RATE SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to table Directions for reduced rate to control small annual grasses in canola, dried shelled bean & pea (including soybean, edible podded legume vegetables, flax, mustard seed, bean & pea (succulent) and sugar beet)(Reduced rate directions not for use in California)

PRODUCT	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ^(3,4) (V/V)	
	ANNUAL GRASSES ⁽²⁾	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC + FirstRate (cloransulam)	4 to 8 fl oz (0.0625 to 0.125 lb ai) + Refer to FirstRate label for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC + Pursuit 70 DG (imazethapyr)	4 to 6 fl oz (0.0625 to 0.094 lb ai) + Refer to Pursuit 70 DG for use rate.	-	1%	1%

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Annual grasses and sizes controlled with these tank mixtures are those that are identified in the **DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES** table.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽⁴⁾ The addition of 1 to 2 qt/A of liquid fertilizer (10-34-0, 28%N, or 32%N) is required when **SUN-CLETHODIM 240 EC** is tank mixed at reduce rates. An equivalent amount (2.5 to 4.0 lb/A) of spray grade ammonium sulfate (AMS) may be added in place of liquid fertilizer. Fertilizer adjuvants are to be added in addition to the crop oil concentrate.

PEANUT (INCLUDING PERENNIAL)

Table 11. SUN-CLETHODIM 240 EC TANK MIXES WITH BROADLEAF HERBICIDES FOR PEANUT (INCLUDING PERENNIAL) (Refer to the instruction tables above for specific grasses and growth stages.)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	ANNUAL GRASSES ⁽²⁾	PERENNIAL GRASSES	GROUND	AIR
SUN-CLETHODIM 240 EC + Basagran (bentazon)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Basagran label for use rate.	-	1%	1%
SUN-CLETHODIM 240 EC + Ultra Blazer (acifluorfen)	8 to 10 fl oz (0.125 to 0.156 lb ai) + Refer to Ultra Blazer label for use rate.	-	1%	1%

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

INSTRUCTIONS FOR GRASS SUPPRESSION FOR HARVEST EFFICIENCY IN PEANUT (INCLUDING PERENNIAL) WITH SUN-CLETHODIM 240 EC				
GRASS SPECIES	WEED STAGE	RATE FL OZ/ACRE (lb ai/A)	HIGH RATE FL OZ/ACRE (lb ai/A)	
Annual and perennial grasses that exceed height claimed for control on height charts "INSTRUCTIONS FOR ANNUAL GRASSES" & "INSTRUCTIONS FOR PERENNIAL GRASSES"	Up to and including grasses in the seed head stage.	16 (0.250)	32 (0.500)	
Restriction: DO NOT apply as part of a tank mix when applying SUN-CLETHODIM 240 EC for grass suppression.				
Add a crop oil concentrate at 1 qt/A by ground to the finished spray volume.				

SUGAR BEET

Table 12. SUN-CLETHODIM 240 EC TANK MIXED WITH STINGER® APPLIED TO SUGAR BEET (Refer to the instructions tables above for specific grasses and growth stages)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)	
	Annual Grasses	Perennial Grasses	Ground	Air
SUN-CLETHODIM 240 EC + Stinger (clopyralid)	6 to 8 fl oz (0.094 to 0.125 lb ai)	8 to 16 fl oz (0.125 to 250 lb ai)	1%	1%
	Refer to Stinger label for use rate.			

⁽¹⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽²⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

Table 13. SUN-CLETHODIM 240 EC TANK MIXED WITH BETAMIX® or BETANEX® APPLIED TO SUGAR BEET

PRODUCT ⁽¹⁾	WEEDS CONTROLLED		WEED HEIGHT (inches)	APPLICATION RATE/ACRE ⁽²⁾
	COMMON NAME	SCIENTIFIC NAME		
SUN-CLETHODIM 240 EC ⁽³⁾ + Betamix (desmedipham + phenmedipham) or Betanex (desmedipham)	Barnyardgrass	Echinochloa crus-galli	1 to 3	8 fl oz (0.125 lb ai)
	Foxtail	Setaria spp.	1 to 3	
	Foxtail Millet	Setaria italica	1 to 3	
Wild Oat	Avena fatua	1 to 3		
Wild Proso Millet	Panicum miliaceum	1 to 3		
			Refer Betamix label for use rates to control broadleaf weeds. No additives are advised in the tank mix.	
			Refer Betanex label for use rates to control broadleaf weeds. No additives are advised in the tank mix.	

⁽¹⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽²⁾ **Restriction: DO NOT** use crop oil concentrate. No additives are advised in the tank mix. If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix herbicide), according to the appropriate size and rate requirements.

⁽³⁾ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** at full label rate with appropriate rate of crop oil concentrate.

TABLE 14. SUN-CLETHODIM 240 EC PLUS BETANEX OR BETAMIX TANK MIX FOR THREE SEQUENTIAL APPLICATIONS FOR ANNUAL GRASS CONTROL (MICRO-RATE APPLICATION)

PRODUCT	APPLICATION RATES/ACRE ⁽¹⁾		METHYLATED SEED OIL ⁽²⁾ (V/V)	
	ANNUAL GRASSES	GRASSES CONTROLLED (inches)		
			GROUND	AIR
SUN-CLETHODIM 240 EC + Betanex (desmedipham) or Betamix (desmedipham + phenmedipham)	2 to 3 fl oz (0.031 to 0.047 lb ai) + Refer to Betanex or Betamix labels for use rate.	Green Foxtail (1-2) Yellow Foxtail (1-2) Barnyardgrass (1-2) Wild Oat (1-2) Volunteer Cereals (1-2)	1.5%	1.5%

⁽¹⁾ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not advised in these situations.

⁽²⁾ Always use a methylated seed oil at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽³⁾ Use 8 fl oz/A (0.125 lb ai) rate when sugar beet are in the cotyledon to 4 leaf stage. Rate can be increased up to 12 fl oz/A (0.188 lb ai) when the smallest sugar beet plants in the field are in the 4 true leaf stage or larger.

Directions for Use for Micro-Rate Applications to Sugar Beet

Multiple micro-rate applications of **SUN-CLETHODIM 240 EC** in tank mixtures with reduced rates of Betanex or Betamix and methylated seed oils may be applied by air or ground equipment to sugar beet to control early germinating annual grasses listed above. Refer to Betanex or Betamix product labels for use rates. Favorable climatic conditions (good conditions for plant growth and development) are essential for adequate weed control. All use precautions and restrictions on the Betanex and Betamix master labels must be followed.

Directions for Using Micro-Rate Multiple Applications of SUN-CLETHODIM 240 EC Tank Mixes

Apply **SUN-CLETHODIM 240 EC** in broadcast applications only at a rate of 2 to 3 fl oz/A (0.031 to 0.047 lb ai) in tank mixture with either Betanex or Betamix. Refer to Betanex or Betamix product labels for use rates. If weed control is not adequate due to climatic conditions, spray coverage or other factors, return to conventional application rates of **SUN-CLETHODIM 240 EC** 6 to 8 fl oz/A (0.094 to 0.125 lb ai) and add rates of Betanex or Betamix as directed on their label. When using conventional rates of Betanex or Betamix in tank mixtures with **SUN-CLETHODIM 240 EC**, a spray adjuvant is not advised.

Use Precautions for Micro-Rate Applications: (See SUN-CLETHODIM 240 EC, Betanex and Betamix master label for further use precautions.)

Not all weeds will be adequately controlled, even with favorable climatic conditions. Conventional rates of **SUN-CLETHODIM 240 EC**, Betanex or Betamix and/or hand labor may be required if multiple micro-rate applications **DO NOT** adequately control weeds. Plugging of spray nozzles may be encountered due to the potential for formation of a precipitate in the spray solution that is often associated with micro-rate applications. **WYNCA** will not be responsible for any nozzle plugging that may occur with the use of multiple micro-rate applications.

RESTRICTION: DO NOT USE METHYLATED SEED OIL. GROUND APPLICATION

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 10 gals and a maximum of 20 gals of spray solution per acre. Ensure that spray pressures reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. **DO NOT** use flood nozzles.

AERIAL APPLICATION

Use of sufficient spray volumes is essential to ensure complete coverage. Use a minimum of 5 gals and a maximum of 15 gals of spray solution per acre.

Table 15. TANK MIX APPLICATION OF SUN-CLETHODIM 240 EC AND FUNGICIDES FOR CONTROL OF GRASS WEEDS AND DISEASES IN SUGAR BEET

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽³⁾ (V/V)
	ANNUAL GRASSES	PERENNIAL GRASSES	
SUN-CLETHODIM 240 EC + Eminent® (tetraconazole)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Eminent label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Eminent label for use rate.	1%

⁽¹⁾ If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix fungicide) according to the appropriate size and rate requirements.

⁽²⁾ Refer to **SUN-CLETHODIM 240 EC** and fungicide label for rates and weeds and diseases controlled.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

Table 16. TANK MIX APPLICATION OF SUN-CLETHODIM 240 EC AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALA, COTTON, PEPPERMINT AND SPEARMINT, PEANUT (INCLUDING PERENNIAL), SOYBEAN AND SUNFLOWER

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATION (V/V) ⁽³⁾	CROP					
	ANNUAL GRASSES	PERENNIAL GRASSES		Alfalfa	Cotton	Peppermint & Spearmint (Perennial)	Peanut	Soybean	Sunflower
SUN-CLETHODIM 240 EC + Orthene® 75 S (acephate) or Orthene 97 (acephate)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Orthene 75 S or Orthene 97 label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Orthene 75 S or Orthene 97 label for use rate.	1%		X	X	X		
SUN-CLETHODIM 240 EC + Orthene 90 S ⁽⁶⁾ (acephate)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Orthene 90 S label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Orthene 90 S label for use rate.	1%		X	X	X	X	
SUN-CLETHODIM 240 EC + Danitol® 2.4 EC Insecticide (fenpropathrin) (EPA Reg. No. 59639-35)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Danitol 2.4 EC label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Danitol 2.4 EC label for use rate.	1%		X		X		
SUN-CLETHODIM 240 EC + Asana XL® (esfenvalerate)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Asana XL label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Asana XL label for use rate.	1%						X
SUN-CLETHODIM 240 EC + Warrior® (lambda-cyhalothrin)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to Warrior label for use rate.	8 to 16 fl oz (0.125 to 0.250 lb ai) + Refer to Warrior label for use rate.	1%						X
SUN-CLETHODIM 240 EC + Warrior (lambda-cyhalothrin)	10 to 16 fl oz ⁽⁷⁾ (0.156 to 0.250 lb ai) + Refer to Warrior label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Warrior label for use rate.	1%	X					
SUN-CLETHODIM 240 EC + Baythroid® (B-cyfluthrin)	10 to 16 fl oz ⁽⁷⁾ (0.156 to 0.250 lb ai) + Refer to Baythroid label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Baythroid label for use rate.	1%	X					
SUN-CLETHODIM 240 EC + dimethoate	10 to 16 fl oz ⁽⁷⁾ (0.156 to 0.250 lb ai) + Refer to dimethoate label use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to dimethoate label use rate.	1%	X					

continued

Table 16. TANK MIX APPLICATION OF SUN-CLETHODIM 240 EC AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA, COTTON, PEPPERMINT AND SPEARMINT, PEANUTS (INCLUDING PERENNIAL), SOYBEAN AND SUNFLOWER (continued)

PRODUCT ⁽²⁾	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE (V/V) ⁽³⁾	CROP					
	ANNUAL GRASSES	PERENNIAL GRASSES		Alfalfa ⁽⁴⁾	Cotton	Peppermint & Spearmint Tops ^(4,5)	Peanut	Soybean	Sunflower
SUN-CLETHODIM 240 EC + Pounce® (permethrin)	10 to 16 fl oz ⁽⁷⁾ (0.156 to 0.250 lb ai) + Refer to Pounce label for use rate.	10 to 16 fl oz (0.156 to 0.250 lb ai) + Refer to Pounce label for use rate.	1%	X					

⁽¹⁾ If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC** alone (without a tank mix insecticide) according to the appropriate size and rate requirements.

⁽²⁾ Refer to **SUN-CLETHODIM 240 EC** and insecticide label for rates and weeds and insects controlled.

⁽³⁾ Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

⁽⁴⁾ Certain insecticides may cause temporary phytotoxic symptoms on alfalfa and peppermint and spearmint tops foliage. Refer to the insecticide label for further information. It is suggested that prior to using any of these insecticide/herbicide tank mixtures, that a small area of the field be treated first and observations for crop injury be made prior to treating the whole field.

⁽⁵⁾ The **SUN-CLETHODIM 240 EC** rate needs to be 6 to 8 fl oz/A (0.094 to 0.125 lb ai) for annual grass control in baby peppermint and spearmint tops, minimum of 8 fl oz/A (0.125 lb ai) for annual grass control in established peppermint and spearmint tops, and 8 to 16 fl oz/A (0.125 to 0.250 lb ai) for perennial grass control. Add a crop oil concentrate at the rate of 1.0 to 2.0 pt/A.

⁽⁶⁾ Insecticide tank mix use with Orthene 90 S in soybean is permitted only in a state having an approved Section 24(c) registration for Orthene 90 S use in soybean.

⁽⁷⁾ The **SUN-CLETHODIM 240 EC** rate needs to be 6 to 8 fl oz/A (0.094 to 0.125 lb ai) for annual grass control in seedling alfalfa.

⁽⁸⁾ For the **SUN-CLETHODIM 240 EC** plus Lorsban tank mix, reduce the adjuvant rate down to 1.0 pt/A when tank mixed with Lorsban.

Table 17. INSTRUCTIONS FOR ROUNDUP READY VOLUNTEER CORN CONTROL IN ROUNDUP READY SOYBEAN WITH SUN-CLETHODIM 240 EC TANK MIX

Roundup Ready Volunteer Corn Height (inches)	SUN-CLETHODIM 240 EC Rate fl oz/A	Glyphosate ⁽¹⁾ rate for formulations with built in adjuvant	Adjuvant
<12	4 (0.0625 lb ai)	Refer to glyphosate label for use rate.	Non-ionic surfactant @ 0.125 to 0.25% v/v plus ammonium sulfate @ 8.5 to 17 lbs per 100 gals/ of carrier
12 to 18	5 (0.078 lb ai)		
18 to 24	6 (0.094 lb ai)		
Roundup Ready Volunteer Corn Height (inches)	SUN-CLETHODIM 240 EC Rate fl oz/A	Glyphosate ⁽¹⁾ rate for formulations without built in adjuvant	Adjuvant
<12	4 (0.0625 lb ai)	Refer to glyphosate label for use rate.	Crop oil concentrate @ 1 pt/A plus ammonium sulfate @ 8.5 to 17 lb per 100 gals of carrier
12 to 18	5 (0.078 lb ai)		
18 to 24	6 (0.094 lb ai)		

⁽¹⁾Glyphosate formulation must be labeled for use on Roundup Ready soybean.

THE MOST RESTRICTIVE LABELING OF ANY PRODUCT USED IN A TANK MIX MUST BE FOLLOWED.

- Apply only to actively growing grass and broadleaf weeds at specified height or growth stage listed on each label.
- Apply under favorable soil moisture and humidity which exist a few days after rainfall or within seven days after irrigation.
- Tank mix applications may sometimes result in reduced grass control. If regrowth occurs, or an additional flush of new grass emerges, make a second application of **SUN-CLETHODIM 240 EC**, as specified in the respective size and rate tables.
- Avoid contact with foliage, green stems, or fruit crops, or any desirable plants and trees, other than soybean with the Roundup Ready gene as severe injury or destruction will result.
- This tank mix may be applied postemergence to Roundup Ready soybean up through the full flowering stage.

Restrictions

- **DO NOT** tank mix **SUN-CLETHODIM 240 EC** when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.
- **DO NOT** apply less than 60 days before harvest.
- **DO NOT** allow the **SUN-CLETHODIM 240 EC** plus Roundup to mist, drip, drift or splash onto desirable vegetation as minute quantities of the tank mix can cause severe damage or destruction to the crops, plants or other areas on which treatment was not intended. The likelihood of injury occurring from drift of this product is greatest when winds are gusty or in excess of 5 miles per hour. Even under lesser wind velocities avoid combinations of spray pressure and nozzle type or other conditions that will result in fine particles (mist) that are likely to drift.

CONIFER TREES
SPECIFIC RESTRICTIONS AND DIRECTIONS FOR SUN-CLETHODIM 240 EC

CROPS		Use Rates Per Acre	Special Use Instructions
Common Name	Scientific Name		
Arborvitae, American	<i>Thuja occidentalis</i>	6-16 fl oz (0.094 to 0.250 lb ai)	<p>SUN-CLETHODIM 240 EC can be used to control labeled grasses in Christmas tree farms, conifer nurseries and conifer plantations (but not in forests).</p> <p>Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v).</p> <p>For repeat application make on a minimum of a 14 day interval.</p> <p>Restrictions</p> <ul style="list-style-type: none"> · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year at the 16 fl oz (0.250 lb ai) rate. · DO NOT make more than 5 applications per acre per year at the 6 fl oz rate (0.094 lb ai). · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Cedars	<i>Cedrus spp.</i>		
Cypress	<i>Taxodium spp.</i>		
Fir, Douglas	<i>Pseudotsuga menziesii</i>		
Firs	<i>Abies spp.</i>		
Hemlock, Canadian/Eastern	<i>Tsuga canadensis</i>		
Hemlock, Western	<i>Tsuga heterophylla</i>		
Pines	<i>Pinus spp.</i>		
Spruces	<i>Picea spp.</i>		
Yew	<i>Taxus spp.</i>		

FALLOW LAND

DIRECTIONS FOR USE

SUN-CLETHODIM 240 EC may be used to control annual and perennial grasses in land that has been left fallow the previous year and other non-producing agricultural areas. Apply **SUN-CLETHODIM 240 EC** at 6 to 8 fl oz/A (0.094 to 0.125 lb ai) for annual grasses and 8 to 16 fl oz/A (0.125 to 0.250 lb ai) for perennial grasses. When both grass and broadleaf weeds are the target pest, **SUN-CLETHODIM 240 EC** may be tank mixed with 2,4-D ester for broad spectrum control. When both annual and perennial grasses occur in the same field, use a minimum of 8 fl oz/A. **SUN-CLETHODIM 240 EC** rate.

Use a minimum spray volume of 5 gals/A for aerial applications and 15 gals/A for ground applications.

- Apply only to actively growing grasses when the first grass reaches the specified weed height as specified in the Instructions for Annual and Perennial Grasses section of this label.
- Annual grasses that emerge after the **SUN-CLETHODIM 240 EC** application will not be controlled, and a second application may be necessary.
- The control of perennial grasses may require more than 1 application in non-tilled areas.

Restrictions

- **DO NOT** apply more than 8 fl oz (0.125 lb ai) **SUN-CLETHODIM 240 EC** per application to Annual Grasses and 16 fl oz (0.250 lb ai) **SUN-CLETHODIM 240 EC** per application to Perennial Grasses.
- **DO NOT** exceed 5 applications at the 6 fl oz (0.094 lb ai) use rate for Annual Grasses and **DO NOT** exceed 4 applications at the 8 fl oz (0.125 lb ai) rate for Perennial Grasses.
- For repeat applications make on a minimum of a 14 day interval.
- **DO NOT** apply more than 32 fl oz (0.500 lb ai) **SUN-CLETHODIM 240 EC** per acre per year.
- **DO NOT** plant any crop for 30 days after application unless clethodim is registered for use in that crop.
- **DO NOT** apply to grasses that have tillered, formed seedheads or exceeded specified growth stage. .
- **DO NOT** use flood jet nozzles.
- **DO NOT** apply to drought stressed grasses.
- **DO NOT** mow area for 2 weeks prior to or after the **SUN-CLETHODIM 240 EC** application.

TABLE 18. SUN-CLETHODIM 240 EC IN TANK MIXES TO CONTROL ANNUAL AND PERENNIAL GRASSES IN FALLOW LAND

PRODUCT	APPLICATION RATES/ACRE ⁽¹⁾		CROP OIL CONCENTRATE ⁽²⁾ (V/V)	
	Annual Grasses	Perennial Grasses	Ground	Air
SUN-CLETHODIM 240 EC + 2,4-D ester or Clarity® (dicamba)	6 to 8 fl oz (0.094 to 0.125 lb ai) + Refer to 2,4-D ester or Clarity label for use rate	8 to 16 fl oz (0.125 to 0.250 lb ai)	1%	1%

⁽¹⁾ Refer to **SUN-CLETHODIM 240 EC** label for weed height and species control. Review 2,4-D label for crop restrictions, use rates and weeds controlled.

⁽²⁾ Always use a crop oil concentrate or methylated seed oil containing at least 15% emulsifier at the listed rate (but not less than 1 pt/A) in the finished spray volume.

Table 19. SUN-CLETHODIM 240 EC FOR THE CONTROL AND/OR SUPPRESSION OF TALL FESCUE IN NATIVE PRAIRIE WARM-SEASON GRASS RESTORATION PROJECTS

PRODUCT	PRODUCT RATES	GRASS WEEDS CONTROLLED/SUPPRESSED		WEED STAGES
		Common Name	Scientific Name	
SUN-CLETHODIM 240 EC	10 to 12 fl oz/A (0.156 to 0.188 lb ai)	Tall Fescue	Festuca arundinacea	4 to 6 inches tall (40 to 60% green-up)
Adjuvant: SUN-CLETHODIM 240 EC must be applied with crop oil concentrate at 1 qt/A, plus a spray grade ammonium sulfate at 2.5 to 4 lb/A. Mixing Order: Thoroughly mix spray grade ammonium sulfate (AMS) in water, add SUN-CLETHODIM 240 EC , then add crop oil concentrate.				

SPECIAL APPLICATION INSTRUCTIONS

Burn or mow fields a minimum of 3 weeks prior to application to remove excess crop residue. Apply in the spring, at 40 to 60% tall fescue green-up, prior to emergence of warm-season grasses.

Apply in a minimum of 15 to 20 gals of water per acre at a spray pressure of 40 to 60 PSI at the nozzle. Apply using flat fan or hollow cone nozzles.

Apply only to fields that have warm-season grasses established for 2 years. Applications of **SUN-CLETHODIM 240 EC** to emerged warm-season grasses may cause injury.

NOTE: **SUN-CLETHODIM 240 EC** applications are most effective if applied when average nighttime temperatures are consistently greater than or equal to 47°F.

Restrictions

- **DO NOT** mow area for 2 weeks after the **SUN-CLETHODIM 240 EC** application.
- **DO NOT** use flood jet nozzles.
- **DO NOT** apply to warm-season grasses grown for seed.
- **DO NOT** graze treated fields or feed treated forage and or hay to livestock.
- **DO NOT** plant any crop for 30 days after application, unless clethodim is registered for use in that crop.

TABLE 20. SUN-CLETHODIM 240 EC FOR THE SUPPRESSION OF TALL FESCUE SEED-HEADS IN NON - PRODUCING AGRICULTURAL AREAS

Product	Product Rate	Suppression	Application Timing
SUN-CLETHODIM 240 EC	1 1/2 to 2 fl oz/A (0.023 to 0.031 lb ai)	Tall Fescue Seed-Heads (Festuca arun dinacea)	(50 to 90% Tall Fescue green-up)
ADJUVANT: SUN-CLETHODIM 240 EC must be applied with crop oil concentrate at 1 qt/A, plus a spray grade ammonium sulfate at 2.5 to 4 lb/A. Mixing Order: Thoroughly mix spray grade ammonium sulfate in water, add SUN-CLETHODIM 240 EC , then add crop oil concentrate.			

SPECIAL APPLICATION INSTRUCTIONS

Apply at 50 to 90% tall fescue green-up.

Use the higher **SUN-CLETHODIM 240 EC** rate if less tall fescue green matter is present.

Apply in a minimum of 15 to 20 gals of water per acre at a spray pressure of 40 to 60 psi at the nozzle. Apply using flat fan or hollow cone nozzles.

DO NOT use flood nozzles.

2,4-D ester maybe added to this tank mix for broadleaf control (see 2,4-D ester label for weeds controlled).

Restrictions

DO NOT mow area for two weeks after the **SUN-CLETHODIM 240 EC** application.

DO NOT graze treated fields or feed treated forage and/or hay to livestock.

DO NOT plant any crop for 30 days after application, unless clethodim is registered for use in that crop.

NON-BEARING FRUIT AND NUT CROPS SPECIFIC RESTRICTIONS AND DIRECTIONS FOR SUN-CLETHODIM 240 EC			
CROPS			
Common Name	Scientific Name	Use Rates Per Acre	Special Use Instruct
Apple	Malus spp.	6-8 fl oz (0.094 to 0.125 lb ai)	<p>Non-bearing fruit and nut crops are plants which will not bear fruit or nuts for at least one year following SUN-CLETHODIM 240 EC application. Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v).</p> <p>Use of crop oil concentrate is not advised since it may injure flowers and foliage.</p> <p>Sugar maples cannot be tapped for syrup within one year of SUN-CLETHODIM 240 EC application.</p> <p>For repeat application make on a minimum of a 14 day interval.</p> <p>Crop injury to non-bearing fruit and nut crops can occur if SUN-CLETHODIM 240 EC is improperly applied.</p> <p>SUN-CLETHODIM 240 EC must not be applied directly over the top of these plant types. Instead, direct spray at the base of the plant where grassy weeds are growing near the ground.</p> <p>Restrictions</p> <ul style="list-style-type: none"> - For spot treatments, DO NOT exceed 0.18 fl oz (0.003 lb ai) per 1000 sq ft per single application exceed - For spot treatment, DO NOT 0.73 fl oz (0.01 lb ai) per 1000 sq ft per year. - SUN-CLETHODIM 240 EC must not be applied to non-bearing fruit or nut crops which are grown for root stock. - DO NOT apply more than 8 fl oz (0.125 lb ai) per acre per application. - DO NOT make more than 4 applications per acre per year. - DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.
Berry	Vaccinium spp.		
	Rubus spp.		
Cherry, Sweet	Prunus avium		
Citrus Fruits	Citrus spp.		
Grapes	Vitis spp.		
Olives	Olea spp.		
Peach	Prunus persica		
Pears	Pyrus communis		
Prunes	Prunus spp.		
Stone Fruits	Prunus spp.		
Strawberries	Fragaria spp.		
Tree Nuts			
Almond	Prunus triloba		
Filbert	Corylus maxima		
Pecan	Carya illinoensis		
Pistachio	Pistacia vera		
Walnut	Juglans spp.		

NON-CROP OR NON-PLANTED AREAS

The following areas are considered non-crop or non-planted areas: rights-of-way including railroads, highways, roads, dividers, medians, pipelines, public utility lines, pumping stations, transformer stations and substations. Around airports, electric utilities, commercial buildings, manufacturing plants, storage yards, rail yards, fence lines, parkways, and post-harvest croplands. Also beneath greenhouse benches and around golf courses.

INSTRUCTIONS FOR GRASS SUPPRESSION IN NON-CROP AREAS WITH SUN-CLETHODIM 240 EC			
GRASS SPECIES	WEED STAGE	RATE FL OZ/ ACRE (lb ai/A)	HIGH RATE FL OZ/ACRE (lb ai/A)
Annual and perennial grasses that exceed height claimed for control on height chart above.	Up to and including grasses in the seed head stage.	12 (0.188)	16 (0.250)
Restriction: DO NOT apply as part of a tank mix when applying SUN-CLETHODIM 240 EC for grass suppression. Add a crop oil concentrate at 1 qt/A by ground to the finished spray volume.			

DIRECTIONS FOR USE IN ORNAMENTALS

ORNAMENTALS SPECIFIC DIRECTIONS AND RESTRICTIONS FOR SUN-CLETHODIM 240 EC	
Use Rates Per Acre	Special Use Instructions
6-16 fl oz (0.094 to 0.250 lb ai)	<p>For ornamental plant uses, SUN-CLETHODIM 240 EC can be used to control labeled grass weeds in greenhouses, lathhouses, shadehouses, and around outdoor ornamentals, including nurseries, parks, roadside plantings, and structure landscapes. The plants listed below have been tested for use with SUN-CLETHODIM 240 EC applications. See tables with listed ornamentals (ornamental trees, ground covers, garden flowers and plants, and shrubs.</p> <p>Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v). Use of crop oil concentrate is not advised since it may injure flowers and foliage. For repeat application make on a minimum of a 14 day interval.</p> <p>Restrictions</p> <ul style="list-style-type: none"> . SUN-CLETHODIM 240 EC must not be applied to non-bearing fruit or nut crops which are grown for root stock. . DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. . DO NOT make more than 2 applications per acre per year. . For repeat applications make on a minimum of a 14 day interval. . DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year.

IMPORTANT

SUN-CLETHODIM 240 EC successfully controls weeds in newly transplanted and established non-grassy ornamentals. Plant safety to **SUN-CLETHODIM 240 EC** at labeled rates has been found to be acceptable for the indicated genera and species listed below. Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is advised that the user determine if herbicide can be used safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of **SUN-CLETHODIM 240 EC** have investigated the safety factor to ornamental plants not listed on the label.

The following plants have been tested for use with for **SUN-CLETHODIM 240 EC** applications:

ORNAMENTAL TREES	
COMMON NAME	SCIENTIFIC NAME
Alder, Red	<i>Alnus rubra</i>
Ash	<i>Fraxinus spp.</i>
Basswood	<i>Tilia spp.</i>
Birch, European White	<i>Betula pendula</i>
Birch, River	<i>Betula nigra</i>
Birch, White	<i>Betula papyrifera</i>
Crabapple, Flowering	<i>Malus halliana</i>
Dogwood, Flowering	<i>Cornus florida</i>
Golden Chain Tree	<i>Laburnum anagyroides</i>
Maples	<i>Acer spp.</i>
Mulberry, White	<i>Morus alba</i>
Oaks	<i>Quercus spp.</i>
Olive, Wild	<i>Elaeagnus angustifolia</i>
Redbud, Eastern	<i>Cercis Canadensis</i>
Sweet Gum, American	<i>Liquidambar styraciflua</i>

GROUND COVERS	
COMMON NAME	SCIENTIFIC NAME
Bugleweed, Carpet	<i>Ajuga reptans</i>
Ivy, English	<i>Hedera helix</i>
Japanese Spurge	<i>Pachysandra terminalis</i>
Lilyturf	<i>Liriope muscari</i>
Moneywort	<i>Lysimachia nummularia</i>
Mondo Grass, White	<i>Ophiopogon japonicus</i>
Mondo Grass Dwarf	<i>Ophiopogon japonicus</i>
Periwinkle, Lesser	<i>Vinca minor</i>

GARDEN FLOWERS AND PLANTS	
COMMON NAME	SCIENTIFIC NAME
Ageratum	<i>Ageratum spp.</i>
Alyssum*, Sweet	<i>Lobularia maritima</i>
Asparagus Fern	<i>Asparagus setaceus</i>
Bleeding Heart	<i>Dicentra spectabilis</i>
Cast Iron Plant	<i>Aspidistra elatior</i>
Chrysanthemum	<i>Chrysanthemum spp.</i>
Cinquefoil	<i>Potentilla spp.</i>
Coleus	<i>Coleus spp.</i>
Coralbells	<i>Heuchera sanguinea</i>
Cranesbill	<i>Geranium spp.</i>
Dahlia	<i>Dahlia spp.</i>
Daisy, Trailing African	<i>Osteospermum fruticosum</i>
Daylily	<i>Hemerocallis spp.</i>
Dusty Miller	<i>Senecio cineraria</i>
Euonymus	<i>Euonymus spp.</i>
Gazania	<i>Gazania spp.</i>
Geranium, House	<i>Pelargonium hortorum</i>
Heather, False	<i>Cuphea hyssopifolia</i>
Hosta	<i>Hosta fortunei</i>
Iris	<i>Iris spp.</i>
Jasmine Tobacco	<i>Nicotiana glauca</i>
Loosestrife	<i>Lythrum salicaria</i>
Marigold	<i>Tagetes spp.</i>
Partridgeberry	<i>Mitchella repens</i>
Petunia*	<i>Petunia hybrida</i>
Phlox	<i>Phlox spp.</i>
Pinks	<i>Dianthus spp.</i>
Portulaca	<i>Portulaca grandiflora</i>
Salvia	<i>Salvia spp.</i>
Saxifrage	<i>Saxifraga spp.</i>
Sedum	<i>Sedum spp.</i>
Selloum	<i>Philodendron selloum</i>
Snapdragon*	<i>Antirrhinum majus</i>
Sweet Flag	<i>Acorus gramineus</i>
Tickseed	<i>Coreopsis grandiflora</i>
Touch-Me-Not	<i>Impatiens spp.</i>
Verbena	<i>Verbena spp.</i>
Violet	<i>Viola spp.</i>
Yarrow, Common	<i>Achillea millefolium</i>
Zinnia	<i>Zinnia elegans</i>

*Slight foliage or flower speckling has been observed on these species.

SHRUBS	
COMMON NAME	SCIENTIFIC NAME
Abelia	<i>Abelia spp.</i>
Anise, Purple	<i>Illicium floridanum</i>
Aucuba	<i>Aucuba spp.</i>
Azalea*	<i>Rhododendron spp.</i>
Bamboo	<i>Bambusa spp.</i>
Barberry, Japanese	<i>Berberis thunbergii</i>
Barberry, Magellan	<i>Berberis buxifolia</i>
Bayberry	<i>Myrica pensylvanica</i>
Bottlebrush	<i>Callistemon citrinus</i>
Boxwood, Common	<i>Buxus sempervirens</i>
Camellia, Common	<i>Camellia japonica</i>
Candytuft	<i>Iberis sempervirens</i>
Cleyera	<i>Cleyera japonica</i>
Coralberry	<i>Ardisia crenata</i>
Crape Myrtle	<i>Lagerstroemia indica</i>
Coyote Brush	<i>Baccharis pilularis</i>
Fig, Creeping	<i>Ficus pumila</i>
Gardenia	<i>Gardenia spp.</i>
Holly	<i>Ilex spp.</i>
Honeysuckle	<i>Lonicera spp.</i>
Indian Hawthorn	<i>Raphiolepis indica</i>
Jasmine	<i>Jasminum spp.</i>
Jasmine, Asiatic	<i>Trachelospermum asiaticum</i>
Jasmine, Star	<i>Trachelospermum jasminoides</i>
Juniper	<i>Juniperus spp.</i>
Lantana	<i>Lantana spp.</i>
Nandina* Bamboo, Heavenly	<i>Nandinia domestica</i>
Oleander, Common	<i>Nerium oleander</i>
Oregon Grape	<i>Mahonia aquifolium</i>
Photinia	<i>Photinia spp.</i>
Pittosporum	<i>Pittosporum spp.</i>
Podocarpus	<i>Podocarpus spp.</i>
Privet	<i>Ligustrum spp.</i>
Pyracantha	<i>Pyracantha spp.</i>
Rhododendron	<i>Rhododendron spp.</i>
Rose	<i>Spiraea bumalda</i>
Sweet Olive	<i>Osmanthus fragrans</i>
Viburnum	<i>Viburnum tinus</i>
Wisteria	<i>Wisteria spp.</i>
Yellow Sage/Shrub Verbena	<i>Lantana camara</i>

*Slight foliage or flower speckling has been observed on these species.

INSTRUCTIONS FOR ANNUAL GRASSES IN ORNAMENTALS

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL OZ/ACRE ⁽¹⁾ (lb ai/A)	HIGH RATE ⁽²⁾ FL OZ/ACRE (lb ai/A)
Barnyardgrass	<i>Echinochloa crus-galli</i>	2 to 8	8 (0.125)	16 (0.250)
Broadleaf Signalgrass	<i>Bracharia platyphylla</i>	2 to 6	8	16
Brome				
California	<i>Bromus carinatus</i>	2 to 6	8	16
Cheat	<i>Bromus secalinus</i>	2 to 6	8	16
Downy	<i>Bromus tectorum</i>	2 to 6	8	16
Ripgut	<i>Bromus diandrus</i>	2 to 6	8	16
Canarygrass	<i>Phalaris canariensis</i>	1 to 4	8	16
Crabgrass				
Hairy	<i>Digitaria adscendens</i>	2 to 6**	8	16
Large	<i>Digitaria sanguinalis</i>	2 to 6**	8	16
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	8	16
Southern	<i>Digitaria ciliaris</i>	2 to 6**	8	16
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	2 to 6**	8	16
Fall Panicum	<i>Panicum dichotomiflorum</i>	2 to 8	8	16
Field Sandbur	<i>Cenchrus incertus</i>	2 to 6	8	16
Foxtail				
Giant	<i>Setaria faberi</i>	2 to 12	8	16
Green	<i>Setaria viridis</i>	2 to 8	8	16
Yellow	<i>Setaria glauca</i>	2 to 8	8	16
Goosegrass	<i>Eleusine indica</i>	2 to 6**	8	16
Itchgrass	<i>Rottboellia cochin</i>	2 to 6	8	16
Junglerice	<i>Echinochloa colona</i>	2 to 6	8	16
Lovegrass (Stinkgrass)	<i>Eragrostis cilianensis</i>	2 to 6	8	16
Rabbitsfootgrass	<i>Polyogon monspellen sis</i>	1 to 4	8	16
Red Rice	<i>Oryza sativa</i>	1 to 3	8	16
Rygrass				
Hardy	<i>Lolium remotum</i>	2 to 6	8	16
Italian	<i>Lolium multiflorum</i>	2 to 6	8	16
Seedling Johnsongrass	<i>Sorghum halepense</i>	4 to 10	8	16
Shattercane	<i>Sorghum bicolor</i>	6 to 18	8	16
Southwestern Cupgrass	<i>Eriochloa gracilis</i>	2 to 6	8	16
Sprangletop				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	8	16
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	8	16
Mexican	<i>Leptochloa uninervia</i>	2 to 6	8	16
Red	<i>Leptochloa filiformis</i>	2 to 6	8	16
Texas Panicum	<i>Panicum texanum</i>	2 to 6	8	16

continued

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL OZ/ACRE ⁽¹⁾ (lb ai/A)	HIGH RATE ⁽²⁾ FL OZ/ACRE (lb ai/A)
Volunteer Cereals				
Barley	<i>Hordeum vulgare</i>	2 to 6	8	16
Oats	<i>Avena sativa</i>	2 to 6	8	16
Rye	<i>Secale cereale</i>	2 to 6	8	16
Wheat	<i>Triticum aestivum</i>	2 to 6	8	16
Volunteer Corn	<i>Zea mays</i>	4 to 12	6 (0.094)	8
Volunteer Corn	<i>Zea mays</i>	12 to 24	8	16
Volunteer Grain Sorghum	<i>Sorghum bicolor</i>	8 to 12	8	16
Wild Oats	<i>Avena fatua</i>	2 to 6	8	16
Wild Proso Millet	<i>Panicum miliaceum</i>	2 to 10	8	16
Witchgrass	<i>Panicum capillare</i>	2 to 8	8	16
Woolly Cupgrass	<i>Eriochloa villosa</i>	2 to 8	8	16

*Occurs between 3-leaf stage and tillering.

**Length of lateral growth.

⁽¹⁾6 fl oz/A (0.94 lb ai/A) = approximately 0.15 fl oz/1000 sq ft

⁽²⁾8 fl oz/A (0.125 lb ai/A) = approximately 0.2 fl oz/1000 sq ft

⁽³⁾16 fl oz/A (0.250 lb ai/A) = approximately 0.4 fl oz/1000 sq ft

Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v).

INSTRUCTIONS FOR ANNUAL BLUEGRASS CONTROL WITH SUN-CLETHODIM 240 EC IN ORNAMENTALS			
GRASS SPECIES	WEED STAGE	RATE FL OZ/ACRE (lb ai/A)	HIGH RATE FL OZ/ACRE (lb ai/A)
Annual Bluegrass (<i>Poa annua</i>)	to 4-leaf	6 (0.094)	16 (0.250)
<p>Apply under favorable soil moisture and humidity that exists within a few days after rainfall or within 7 days after irrigation. Grass needs to be actively growing at time of application(s).</p> <p>Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.</p> <p>Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.</p> <p>Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v).</p> <p>Restrictions</p> <ul style="list-style-type: none"> · DO NOT apply more than 16 fl oz (0.250 lb ai) per acre per application. · DO NOT make more than 2 applications per acre per year. · For repeat applications make on a minimum of a 14 day interval. · DO NOT apply more than 32 fl oz (0.500 lb ai) per acre per year. 			

**INSTRUCTIONS FOR PERENNIAL GRASSES WITH
SUN-CLETHODIM 240 EC IN ORNAMENTALS**
Apply only to actively growing grasses at specified weed heights.

- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

Restrictions

- **DO NOT** apply more than 16 fl oz (0.250 lb ai) per acre per application.
- **DO NOT** make more than 2 applications per acre per year.
- For repeat applications make on a minimum of a 14 day interval.
- **DO NOT** apply more than 32 fl oz (0.500 lb ai) per acre per year.

GRASS SPECIES	WEED HEIGHT (inches)	RATE FL OZ/ACRE ⁽¹⁾ (lb ai/A)	HIGH RATE ⁽²⁾ FL OZ/ACRE (lb ai/A)
Bermudagrass (<i>Cynodon dactylon</i>)			
First Application	3 (or up to 6" runners)	8 (0.125)	16 (0.250)
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16
Quackgrass (<i>Elytrigia repens</i>)			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
Rhizome Johnsongrass (<i>Sorghum halepense</i>)			
First Application	12 to 24	8	16
Repeat Application(s) (if regrowth occurs)	6 to 18	6 (0.094)	8 (0.125)
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16

⁽¹⁾ 6 fl oz/A (0.94 lb ai/A) = approximately 0.15 fl oz/1000 sq ft

⁽²⁾ 8 fl oz/A (0.125 lb ai/A) = approximately 0.2 fl oz/1000 sq ft

⁽³⁾ 16 fl oz/A (0.250 lb ai/A) = approximately 0.4 fl oz/1000 sq ft

Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt per 50 gals (0.25% v/v)

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage, disposal or cleaning of equipment.

Open dumping is prohibited.

PESTICIDE STORAGE

Keep pesticide in original container.

DO NOT put concentrate or dilute into food or drink containers.

Store in cool, dry place.

DO NOT store diluted spray.

Emergency Response: For help with any spill, leak, fire or exposure involving this material, call day or night 800-424-9300.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

[For 1 Gallon container]

[Nonrefillable plastic container. DO NOT reuse or refill this container.] Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.]

[For 15 gallon container]

[Nonrefillable plastic container. DO NOT reuse or refill this container.] Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.]

**RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY AND
DISCLAIMER,
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this section titled Risks of Using this Product, Limited Warranty and Disclaimer, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The buyer and user (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of **WYNCA**. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

The Directions for Use of this product must be followed carefully. **WYNCA** shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential, or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY AND DISCLAIMER

WYNCA warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, **WYNCA MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED**. No agent or representative of **WYNCA** or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, **WYNCA** or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF **WYNCA** OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF **WYNCA** OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements, **WYNCA** must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made. To the extent consistent with applicable law, if Buyer does not notify **WYNCA** of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

WYNCA and Seller offer this product, and Buyer accepts it, subject to the foregoing **Risks of Using This Product, Limited Warranty and Disclaimer, and Limitation of Liability**, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive mix of user, applicator and/or application advisor.

Always read and follow the restrictions and limitations for all products whether used alone or in a tank mix. The most restrictive labeling of any product used applies in tank mixtures, including all crop rotational and other crop restrictions.

Cinmax International LLC

Cobra (lactofen) EPA Reg. No. 59639-34, Resource (flumiclorac) EPA Reg No.59639-82 and Valor (flumioxazin) EPA Reg. No. 59639-99 are registered trademarks of Valent U.S.A. LLC.

Asana (esfenvalerate) EPA Reg. No 59639-209 and Danitol (fenprothrin) EPA Reg. No. 59639-35 are registered trademarks of Sumitomo Chemical Co., Ltd. Classic (chlorimuron ethyl) EPA Reg. No. 352-436 are registered trademarks of E.I. du Pont de Nemours and Company Pounce (permethrin) EPA Reg. No. 279-3051 are registered trademarks of FMC Corporation

Basagran (bentazon) EPA Reg. No. 66330-413, Clarity (dicamba) EPA Reg. No. 7969-137, Clearfield [Clearfield is not a pesticide], Prowl (pendimethalin) EPA Reg. No. 241-337, Pursuit (imazethapyr) EPA Reg 241-310 and Raptor (imazamox) EPA Reg. No. 241-379 are registered trademarks of BASF

Baythroid (B-cyfluthrin) EPA Reg. No. 264-840, Betamix (desmedipham + phenmedipham) EPA Reg.

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Dual II Magnum (S-Metolachlor) EPA Reg. No. 100-818, Flexstar (fomesafen) EPA Reg. No. 100-1101 and Warrior (lambda-cyhalothrin) EPA Reg. No. 100-1295 are registered trademarks of Syngenta

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Eminent (tetraconazole) EP Reg. No. 80289-18 is a registered trademark of ISAGRO S.p.A.

Orthene (acephate) EPA Reg. 5481-8974; 5481-8979 is a registered trademark of OMS Investments, Inc.

Rhonox is a registered trademark of Nufarm UK Limited

Roundup Ready (glyphosate) EPA Reg. No. 524-445 is a registered trademark of Monsanto Company Ultra Blazer (acifluorfen) EPA Reg. No. 70506-60 is a registered trademark of United Phosphorus, Inc.

Asana and Danitol are restricted use pesticides.

Manufactured for:

Cinmax International LLC

EPA Reg. No. 103087-4-87659

EPA Est. No.: 91233-CHN-001