

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

EPA	Reg
Numb	er:

Date of Issuance: SEP | 7 2004

34704-864

0 11:1

Conditional

Name of Pesticide Product:

Clethodim 2EC

Name and Address of Registrant (include ZIP Code):

Loveland Products Inc.

P.O. Box 1286

Greeley, CO 80632-1286

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
 - 2. Make the following label change:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 34704-864".
 - b. Under the heading entitled "Applicators and other handlers must wear" and "AGRICULTURAL USE REQUIREMENT" box, please include the following additional personal protective equipment: "protective eyewear".
 - c. Under the table entitled "CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR CLETHODIM 2EC HERBICIDE" within the row listing "Onion (Dry Bulbs Only), Garlic, Shallots (Dry Bulbs Only)" on page 4 of your product labeling, please incorporate the following statement under the column entitled "SPECIAL USE INSTRUCTIONS": "Minimum of 20 gals./A spray volume by air in California(9)." In addition, under the same table as mentioned above, include the following additional annotation at the end of the table: "(9) In California, do not apply this product to onions, garlic, or shallots until crop has at least two full leaves. In California, 14-day spray intervals are recommended between the application of this product and Liquid Nitrogen or other herbicide applications. Injury to crop may occur when shorter intervals are observed."

Signature of Approving Official:

/s/

SEP 1 7 2004

- d. There is a typographical error noted on page two (2) of your product labeling. Within the third (3) sentence of the paragraph beginning with "This product is a selective post-emergence....," please revise "us" to read as "use".
- 3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505C)

Enclosures



Clethodim 2EC Herbicide

ACTIVE INGREDIENT Clethodim: (E)-2-[1-{(3-chloro-2-propenyl)oxy]imino] propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one 26.4% OTHER INGREDIENTS: ... TOTAL 100.0%

Contains petroleum distillate. Contains 2.0 lbs. clethodim 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 detaile, (if you do not understand the label, find someone to explain it to you in detail.)

> EPA REG. NO. 34704-EPA EST. NO. NET CONTENTS

> > IHT

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye irritation, Avoid contact with skin. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals

FIRST AID

ffin Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If On Skin	Take off contaminated clothing.
Or Clothing:	Rinse skin immediately with plenty of water for 15-20 minutes, Call a poison control center or doctor for treatment advice.
If Swallowed:	
	Do not induce vomitting unless told to do so by a poison control center or doctor.
	Do not give any liquid to the person.
	Do not give anything by mouth to an unconscious person.
If inhaied:	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 further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Ingestion of this product or subsequent vomiting can result in

aspiration of light hydrocarbon liquid, which can cause pneumonitis. Contains petroleum

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976.

This product is not yet registered in California.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate or Viton > 14 mils and shoes plus socks. Discard clothing and other absorbent materials that have been drenched or heavily contarninated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use

detergent and hot water. Keep and wash PPE separately from other laundry.

LISER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and nut 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

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.

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 know 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.

DIRECTIONS FOR USE

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

val (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, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves, such as barrier laminate or Viton ≥ 14 mils and shoes plus socks.

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 Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep 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.

TANK MIXES

Notice: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the labels shall be the exclusive risk of user, applicator, and/or application advisor. Read and follow the entire label of each product to be used in the tank mix with this product.

GENERAL INFORMATION

For Use On: Soybeans, Cotton, Ornamentals, Sugarbeets, Onions (dry bulbs and green), Garlic, Shailots (dry bulbs and green), Affaita, Peanuts, Dry Beans, Sunflower,

Canola, Flax, Mustard Seed, Potato. Sweet Potato, Yam (and other Tuberous' and Corm' Vegetables), Tomatoes, Peppers (bell and non-bell), Eggplants (and other Fruiting Vegetables), Carrot, Radish, Garden Beet, Horseradish (and other Root Vegetables'), Leaf Lettuce, Broccoli, Cabbage, Cauliflower (and other Head and Stem Brassica Vegetables'), Mustard Greens (and other Leafy Brassica Greens'), Spinach, Celery, Rhubarb (and other Leaf Petioles'), Cranberry, Strawberry, Squash (including Pumpkins), Cucumber, Melons (including Cantaloupes and Watermelons), Mint, Clover (grown in Idaho, Oregon and Washington only), Conifer Trees, Non-Bearing Food Crops, Fallow Land (and other non-producing agricultural areas), and Non-crop or Non-planted Areas.

- Other tuber and corm vegetables approved for use with this product include: arracacha, arrowroot, Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen (taro), ginger, leren, tanier, turmeric, and bean yarn.
- Other root vegetables approved for use with this product include: burdock, edible; celeriac; chervil, turnip-rooted; chicory; ginseng, parsley, turnip-rooted; parsnip; radish, onental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret, and turnip.
- Other head and stem brassica vegetables approved include: Chinese broccoli; Brussels sprouts; Chinese (Napa) cabbage, Chinese mustard; cavalo broccoli; and krylirabi.
- Other leafy brassica greens approved for use with this product include: broccoli raab, cabbage, Chinese (Bok Choy), collards, kale, mizuna, mustard greens, mustard solnach, rape greens, and turnip greens.
- Other leaf petiole crops include: cardoon, Chinese celery, celtuce, Florence fennel, and Swiss chard.

This product is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided.

This product is a selective post-emergence herbicide for control of annual and perennial grasses. This product does not control sedges or broadleaf weeds. Repeated us of this product (or similar post-emergence grass herbicide 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 such as crop rotation, mechanical removal, and other classes of herbicides are not used from year to year.

Do not allow this product to come in contact with desirable grass crops such as 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.

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 follage. Symptoms will generally be observed in 7 to 14 days depending on grass species treated and environmental conditions.

APPLICATION INFORMATION

Timing of Applications

Apply this product post-emergence to actively growing grasses according to rate table recommendations. Applications made to grass plants stressed by insufficient moisture or cold temperatures or to grass plants exceeding recommended growth stages may result in unsatisfactory control. Do not apply under these conditions.

In arid regions where irrigation is used to supplement limited rainfall, this product should be applied as-soon-as possible after an irrigation (within 7 days). In arid regions, a second application of this product will generally 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 this product may reduce weed control. Do Not Apply this product if rainfall is expected within one hour since control may reduced.

ADDITION OF ADJUVANT O	OR CROP OIL CONCENTRATE
	AD HOWARD DECOMMENDATIONS

CROP
Soybeans, Alfalfa, Dry Beans, Cotton,
Peanuts, Sugar Beets, Sunflowers,
Potatres

ADJUVANT RECOMMENDATIONS.
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 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 applications of this product in addition to the recommended 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.

CROP	ADJUVANT RECOMMENDATIONS
Onions (dry bulbs and green), Garlic, Shallots (dry bulbs and green), Carrots, Radishes, Garden Beets, Horseradish (and other root Vegetables), Leaf Lettuce, Broccoii, Cabbage, Cauliflower (and other Head and Stem Brassica Vegetables), Mustard Greens (and other Leafy Brassica Greens), Spinach, Celery, Rhubarb (and other Leaf Petioles), Cranberries, Sweet Potatoes, Yams (and other tuberous and corm vegetables), Canola, Flax, Mustard Seed, Tomatoes, Peppers (bell and non-bell), Eggplants (and other fruiting vegetables), Strawberries, Squash (including Pumpkins), Cucumbers, Meions (including Cantaloupes and Watermeions), Mint, Clover	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 recommended for these crops.
Ornamental Plants, Non-Bearing Food Crops	Add a non-ionic surfactant containing at least 80% active ingredient at the rate of pt. per 50 gals. (0.25% v/v). Use of crop concentrate is not recommended since it may injure flowers and foliage.
Conifer Trees, Fallow Land (and other non-producing agricultural areas), and	Always use a crop oil concentrate containing at least 15% emulsifier at 1%

"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. Heighly refined vegetable oils have proven more satisfactory than unrefined vegetable oils.

v/v (but not less than 1 pt/A) in the

finished spray volume

Ground Application

Non-Crop or Non-Planted Areas

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: 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. Fallure 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 should reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. Do not use flood nozzles.

Applications to onions (dry bulbs and green), gariic, or shallots (dry bulbs and green) should be made in a minimum of 20 gals, of spray solution per acre.

Air Application

Use a minimum of 3 gals, of spray solution per acre, Increase spray volumes up to 10 gals, as grass or crop foliage becomes dense.

For onions (dry bulbs and green), gartic, or shallots (dry bulbs or green): When applying by air do not exceed 8 ft. oz./A in a single application.

Note: Crop Injury may occur when this product is applied to onions, garlic or shallots with aerial equipment.

Spot Treatment

When using hand sprayers or high volume sprayers utilizing handguns, mix $\frac{1}{2}$ % to $\frac{1}{2}$ % (0.33 oz. to 0.65 oz. per gal.) of this product 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 $\frac{1}{2}$ % (0.33 oz. per gal.) by volume.

Note: If this product is applied as a spot treatment, care should be taken to not exceed the maximum rate allowed on a "per acre" basis or crop injury may occur.

CHEMIGATION ONIONS (Dry Bulbs and Green) AND GARLIC SPRINKLER IRRIGATION APPLICATION

This product may be applied to onions and garlic by sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move. Do not apply by chemigation to any other crop or to this crop using any other type of irrigation system.

Apply this product at the high rate recommended for annual grasses (16 fl. oz./A) 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 this product 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 recommended 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 this product into the irrigation water at a constant flow. Constant agitation must be maintained in the chemical supply tank during the entire period of herbide 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

CLETHODIM 2 EC

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.

It is not recommended that this product be applied through an imigation 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 and average of at least 25 individuals daily at least 60 days out of the year.

Use Precautions

- Apply this product only through irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.
- Crop injury, tack 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, you should contact State Extension Service specialist, equipment manufacturers, or other experts.
 Do not connect an irrigation system (including greenhouse systems) used for
- 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 shall shut the system down and make necessary adjustments should the need arise.
- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipelline to prevent water source contamination from backflow.
- The pesticide injection pipeline must also contain a functional, automatic, quickclosing 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 cump when the water pump motor stops
- the pesticide injection pump when the water pump motor stops.

 10. 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.
- 11. Systems must use a metering pump, such as a positive displacement injections 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
- 12. Do not apply when wind speed favors drift beyond the area intended for treatment.

RESTRICTIONS AND LIMITATIONS GENERAL

Do not apply if rain is expected within 1 hour of application as control may be unsatisfactory.

Do not apply a post-emergence broadleaf herbicide within one day following application of this product or reduced grass control may result.

This product is not recommended for use on vegetable crops being grown for seed production unless specific use directions are provided.

For canola, flax, and mustard seed crops, do not apply more than 5 fl. oz. of this product (0.08 lb. ai) per acre per season. For clover and radish crops, do not apply more than 16 fl. oz. of this product (0.25 lb. ai) per acre per season. For all other crops, do not apply more than 32 fl. oz. of this product (0.50 lb. ai) per acre per season. Application on Long Island, New York is restricted to no more than 16 fl. oz. of this product (0.25 lb. ai) per acre per season.

Do not apply more than 8 fl. oz./A of this product per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce,

broccoti, cabbage, cauliflower (and other head and stem brassica vegetables), mustard greens (and other leafy brassica greens), spinach, celery, rhubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 5 fl. oz./A of this product per application to canola, flax or mustard seed. Exceeding these recommendations may result in unacceptable crop injury.

Do not apply under conditions of stress. Applying this product 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 this product effectively and will be less susceptible to herbicide activity.

Best 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, such as continuous no-tillage in which the perennial grass rhizomes or stolons are not cut up, results in a very staggered, non-uniform weed emergence. Due to this non-uniform weed emergence, no fewer than two applications of this product per season per year are recommended at the appropriate weed-growth stage rate under continuous no-till conditions.

Grass crops such as corn, rice, sorghum, small grains, or turf, etc. are highly sensitive to this product.

While all the vegetable crops on this label have been tested and are tolerant to this product, not all specialty varieties of these crops have been tested. It is advised that, before applying this product to specialty varieties of vegetable crops on this label, crop tolerance be investigated first using a small section of the field. It is possible that injury symptoms can occur. Symptoms may appear as leaf specking or stunting.

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.

Tank mixes of this product and broadleaf herbicides may result in reduced grass control. If grass re-growth occurs, an additional application of this product may be necessary.

AVOID SPRAY DRIFT

Do not allow spray from ground or aerial equipment to drift onto adjacent land or crops. When drift may be a problem, do everything possible to reduce spray drift, including:

- Do not spray if wind speeds are or become excessive. Do not spray if wind speed is 10 MPH or greater. If sensitive crops or plants are downwind, extreme caution must be used under all conditions. Do not spray if winds are gusty.
- · Use extreme caution when conditions are favorable for drift (high temperatures,
- drought, low relative humidity), especially when sensitive plants are located nearby. On not apply when a temperature inversion exists. If inversion conditions are
- suspected, consult with local weather services before making an application.
- · Further reductions in drift can be obtained by:
- 1. Using large droplet size sprays. Do not use nozzles that produce small droplets. Orient nozzles downward and slightly backward as needed to reduce drift for ground applications.
 2. Orienting nozzles straight back with the wind stream, using straight stream orifices.
- 2. Orienting nozzles straight back with the wind stream, using straight stream orifices for aerial applications. Use the lowest number of nozzles practical with the largest possible orifice size to obtain the minimum 3 GPA volume. Application height and boom length should be set according to manufacturer's instructions to minimize this.
- 3. Increasing the volume of spray mixture (for example a minimum of 10 GPA for ground applications) by using higher flow rate nozzles. Using lower pressure with the appropriate nozzle to obtain higher volumes will also reduce drift.
- Applying as close to target plants as practical while maintaining good spray pattern for adequate coverage.

Do not apply under conditions involving possible drift to food, forage, or other planting that might be damaged or the crops thereof rendered unfit for sale, use, or consumption.

PREHARVEST INTERVAL

The required days to wait between the last application and harvest are given in () after each crop name.

CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR CLETHODIM 2EC HERBICIDE					
CROPS (1)	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE 21	SPECIAL USE INSTRUCTIONS		
Affalfa (including: Sainfoin, Holy Clover, Birdsfoot Trefoil) ⁽³⁾ (15 days before grazing, feeding or harvesting (cutting) for forage or hay)	6-16 fl. oz. ⁽⁴⁾	1 qt. by ground or 1.0% v/v (but no less than 1 pt./A) by a.r. (5)	Do not plant rotational crops until 30 days after application of this product. (6) 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 com.		
Beans, Dry (30 days)	6-16 fl. az.	1 qt. by ground or 1.0% v/v (but no less than 1 pt./A) by air (5)	Refer to appropriate Table for reduced rate recommendations for the control of small annual grasses. The addition of AMS has shown improved grass control for difficult to control species including quackgrass, Rhizome johnsongrass, red rice, wild oats, volunteer coreals, and volunteer core.		
Beet, Garden (30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.		
Carrot (30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.		

CROPS (1)	USE RATES PER ACRE	RATES PER ACRE (2)	SPECIAL USE INSTRUCTIONS
Canola (75 days)	4-5 fl. az.	1% v/v in the finished spray volume	Do not apply after crop has begun bolting. Crop injury may occur when this product is applied during the bloom period. Do not exceed 5 fl. oz. of this product (0.08 lb. ai) per acre in a season.
Celery (includes Cardoon, Chinese Celery Celtuce, Florence Fennel, Swiss Chard) (30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Clover (Idaho, Oregon, and Washington Only (15 days before grazing, feeding, or harvesting (cutting) for forage or hay)) 6-16 fl. oz.	1% v/v in the finished spray volume	For use on clover grown in the states of Idaho, Oregon, and Washington only. In Oregon, for use on clover grown for seed, use 6-8 fl. oz. per acre for annual grass control and 8-10 fl. oz. per acre for perennial grass control. Do not exceed 16 fl. oz of this product (0.25 lb. ai) per acre in a season.
Cotton (60 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than pt./A) by air (5)	
Cranberry (30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Cucurbits (including Cantaloupes [ail], Cucumber, Gherkin, Honeydew, Melon, Muskmellons [ail], Pumpkin, Squash [ail] Watermelon. (14 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Fallow Land, Conifer Trees (and other non-producing agricultural areas), Non-Crop or Non-planted Areas	6-16 fl. oz.	1 % v/v (but not less than 1 pt/A) in the finished spray volume using a crop oil concentrate containing at least15% emulsifier.	Do not plant any crop for 30 days after application unless clethodim is registered for use in that crop.
Flax (75 days)	4-5 fl. oz.	1% v/v in the finished spray volume	Apply prior to bloom. Crop injury may occur when this product is applied during the bloom period. Do not exceed 5 fl. oz. of this product (0.08 lb. ai) per acre in a season.
Fruiting Vegetables [(Except Tomato] including Eggplant, Ground cherry, Pepino, Peppers [all], Tomatillo) (20 days)	6-8 fl. oz.	1% v/v in the finished spray volume	
Head and Stern Brassica Vegetables, (including Broccoli, Cabbage, Cauliflower, Brussels Sprouts) (30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Leafy Brassica Greens (including Broccoli Raab: Cabbage, Chinese (Bok Choy: Collards: Kale: Mizuna: Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens) (14 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Leaf Lettuce (14 days)	6-8 fl. az.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Mint (21 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt. per acre by air)	Do not apply more than 16 ft. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Mustard Seed (75 days)	4-5 fl. oz.	1% v/v in the finished spray volume	Do not apply after crop has begun botting. Crop injury may occur when this product is applied during the bloom period. Do not exceed 5 ft. oz. of this product (0.08 lb. ai) per acre in a season.
Onions (Dry Bulbs Only), Garlic, Shalliots (Dry Bulbs Only) 45 days)	6-16 oz. oz. (7). (8)	1% v/v in the finished spray volume	Minimum of 20 gals./A spray volume by ground in entire U.S.
Onions, Green including Leeks, Scallions, or Spring Onions, Japanese Bunching Onions, Green Shallots, Green Eschalots 14 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
Ornamentals Non-Bearing Food Crops	6-16 fl. oz. (8)	Use of crop oil concentrate is not recommended since it may injure flowers and foliage. See Special use Instructions.	Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gais. (0.25% v/v). Sugar maples cannot be tapped for syrup within one year of application of this product.
Peanuts 40 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt. per acre by air) (5)	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.
30 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt. per acre by air) (6)	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.
Radish 15 days)	6-8 fl. oz.		Do not apply more than 8 fl. oz./A in a single application. Do not apply more than 16 fl. oz. (0.25 lb. ai) per acre in a season. For repeat applications make on a minimum of a 14-day interval.
Chicory, Ginseng, Horseradish, Turnip 30 days)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
30 days)			Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.
		less than 1 pt. per acre by air) (5)	Do not graze treated fields or feed treated forage or hay to livestock. Refer to the appropriate Table for reduced rate recommendations for the control of small annual grasses. The addition of AMS has shown improved grass control for difficult to control
			species, including quackgrass, Rhizome johnsongrass, red rice, wild cats,
pinach 14 days)	6-8 fl. oz.	1% v/v in the finished spray volume	species, including quackgrass, Rhizome johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn. Do not apply more than 8 fl. oz./A in a single application. For repeat applications make on a minimum of a 14-day interval.

CROPS (1)	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE (2)	SPECIAL USE INSTRUCTIONS
Sugar Beet (40 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt. per acre by air) (5)	Refer to the appropriate Table for reduced rate recommendations for the control of small annual grasses. The addition AMS has shown improved grass control for difficult to control species, including quackgrass, Rhizome johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.
Surflower (70 days)	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt. per acre by air) (5)	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.
Sweet Potato, Yam, and other tuberous and corm vegetables (except potato) including Artichoke (Chinese, Jerusalem), Cassava (Bitter, Sweet), Ginger (30 days)	6-16 fl. oz.	1% v/v in the finished spray volume	
Tomato (20 days)	6-16 fl. oz.	1% v/v in the finished spray volume	

N/A = Not Applicable

- ⁽¹⁾ This product is not recommended for use 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 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.
- This product may be applied to seeding or established alfalfa grown for seed, hay, silage, green chop, or direct grazing.
 For weed control in established alfalfa and mint, the minimum use rate is 8 ft.
- (4) For weed control in established affalfa and mint, the minimum use rate is 8 ft. oz./A.
- (5) 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 applications of this product in addition to the recommended rate of crop oil concentrate
- ⁽⁶⁾ Do not apply this product and 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.
- For ground applications to garlic or shallots, do not exceed 8 fl. oz./A in a single application. For air applications to onions, garlic, or shallots, do not exceed 8 fl. oz./A in a single application. For garlic and shallots, do not exceed 2 applications per season.
- (6) If this product is applied as a spot treatment to onions, garlic, shallots, or non-bearing food crops, care should be taken to not exceed the maximum rate allowed on a PER ACRE basis or crop injury may occur.

Directions For Use In Soybeans, Cotton, Sugar Beets, Onions (Dry Bulbs and Green), Garlic, Shallots (Dry Bulbs and Green) Alfalfa, Peanuts, Dry Beans, Sunflower, Canola, Flax, Mustard Seed, Potato, Sweet Potato, Yam (and other Tuberous' and Corm' Vegetables), Tomatoes, Peppers (bell & non-bell), Eggplants (and other Fruiting Vegetables), Carrot, Radish, Garden Beet, Horseradish (and other Root Vegetables''), Leaf Lettuce, Broccoli, Cabbage, Cauliflower (and other Head and Stem Brassica Vegetables'''), Mustard Greens (and other leafy brassica greens*****), Spinach, Celery, Rhubarb (and other Leaf Petioles****), Cranberry, Strawberry, Squash (including Pumpkins), Cucumber, Melons (including Cantaloupes and Watermelons), Mint, and Clover (grown in Idaho, Oregon, and Washington only), Conifer Trees, Non-Bearing Food Crops, And Non-Crop or Non-Planted Arass.

- Other tuber and corm vegetable approved for use with this product include: arracacha, arrownod, Chinese artichoke, Jerusalem artichoke, edible burdock, edible canna, bitter and sweet cassava, chayote (root), chufa, dasheen (taro), ginger, leren, tanier, turmeric, and bean yam
- ** Other root vegetables approved for use with this product include: burdock, edible; c elenac; chervil, turnip-rooted; chicory; ginseng; parsley, turnip-rooted; parsnip; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret and turnip
- agoist, oriental, rudadaya, aaisily, aaisily, back, saaily, openist, sairet and utripp
 Other head and stem brassica vegetable approved include: Chinese broccoli;
 Brussels sprouts; Chinese (napa) cabbage, Chinese mustard; cavalo broccoli;
 and kohirahi
- **** Other leaf petiole crops include: cardoon, Chinese cellery, celtuce, Florence fennel, and Swiss chard
- Other leafy brassica greens approved for use with this product include: broccoli raab: cabbage, Chinese (Bok Choy): collards; kale; mizuna; mustard greens; mustard spinach; rape greens; turnip greens

Important: Plant tolerance to this product 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 recommended that the user determine if herbicide can be used safety on a few plants prior to widespread application. Neither the seller nor the manufacturer of this product have investigated the safety factor to plants not listed on the label.

NON-BEARING FOOD CROPS

CLETHODIM 2EC SHOULD NOT BE APPLIED TO NON-BEARING FRUIT OR NUT CROPS WHICH ARE GROWN FOR ROOT STOCK.

Crop injury to non-bearing fruit and nut crops can occur if this product is improperly applied. This product should not be applied directly over the top of these plant types. Instead, spray should be directed at the base of the plant where grassy weeds are growing near the ground.

Non-bearing fruit and nut crops are plants which will not bear fruit or nuts for at least one

Non-bearing fruit and nut crops are plants which will not bear fruit or nuts for at least one year following application of this product.

Common Name	Scientific Name
Apples	Maius spp.
Berries	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:	-
Aimonds	Prunus dulcis
Filbert	Corylus maxima
Pecan	Carya illinoinensis
Pistachio	Pistacia vera
Wałnut	Juglans spp.

CONIFER TREES

This product can be used to control labeled grasses in Christmas tree farms, conifer nurseries, and conifer plantations (but not in forests).

Common Name	Scientific Name
Arborvitae, American	Thuja occidentalis
Cedars	Cedrus spp.
Cypress	Taxodium spp.
Douglas Fir	Pseudotsuga menziesii
Firs	Abies spp.
Hemlock, Canadian	Tsuga canadensis
Hemiock, Western	Tsuga heterophylla
Pines	Pinus spp.
Spruces	Pices spp.
Yew	Taxus 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.

RECOMMENDED FOR ANNUAL GRASSES (EXCEPT IN ESTABLISHED ALFALFA AND MINT)

- Apply only to actively growing grasses at recommended weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.
- Do not apply more than 8 fl. oz./A of this product per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoii, cabbage, cauliflower (and other head and stem brassica vegetables), mustard greens (and other leafy brassica greens), spinach, celery, mubarb (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 5 fl. oz./A of this product per applications to canola, flax, or mustard seed.

GRASS SPECIES	SCIENTIC NAME	WEED HEIGHT' INCHES	RATE FL. OZ/ACRE	HIGH RATE (4)
Barnyardgrass	Echinochloa crus-galli	2 to 8	6	8
Broadleaf Signalgrass	Brachiaria piatyphylla	2 to 6	6	8
Brome				
California	Bromus carinatus	2 to 6	6	8
Cheatgrass	Bromus secalinus	2 to 6	6	8
Downy	Bromus tectorum	2 to 6	6	8
Ripgut	Bromus diandrus	2 to 6	6	8
Canaryorass	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	Dioitaria ciliaris	2 to 6**	6	8
Crowfootgrass	Dactyloclenium 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			1	1
Giant	Setaria faberi	2 to 12	6	8
Green	Setaria viridis	2 to 8	6	8
Yellow	Setaria glauca	2 to 8	6	8
Goosegrass	Eleusine indica	2 to 6	6	8
Itchorass	Rottboellia exaltala	2 to 6	6	8
Junglerice	Echinochloa colona	2 to 6	6	8
Lovegrass (Stinkgrass)	Eragrostis citianensis	2 to 6	6	8
Rabbitsfootorass	Polypogon monspellensis	1 to 4	6	8
Red Rice	Oryza sativa	1 to 3	6	8
Ryegrass	3,,35,55,75		f	
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	Eriochioa gracilis	2 to 6	6	8
Sprangletop				
Amazon	Leptochloa panicoides	2 to 6	6	8
Bearded	Leptochioa fascicularis	2 to 6	6	8
Mexican	Leotochioa uninervia	2 to 6	6	8
Red	Leptochioa filiformis	2 to 6	6	8
Texas Panicum	Panicum texanum	2 to 6	6	<u> </u>
Volunteer Cereals (3)				
Barley	Hordaum 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 (2)	Zea mays	4 to 12	4	6
Volunteer Corn (S.R.) (1)	Zea mays	4 to 12	8 (suppression	
Volunteer Corn (2)	Zea mavs	12 to 24	6	8
Volunteer Grain Sorohum	Sorahum bicolor	8 to 12	6	8
Mid Oats	Avena fatua	2 to 6	6	8
Mild Proso Millet	Panicum miliaceum	2 to 10	6	В
Vitchgrass	Panicum capillare	2 to 8	6	8
Voolly Cupgrass	Enochica villosa	2 to 8	6	B

*Generally occurs between 3-leaf stage and tillering

*Length of lateral growth

(f) Sethoxydim-resistant volunteer corn.

(2) Includes Roundup Readyà, Liberty Linkå, and IMI-CORNå VOLUNTEER CORN.

When a cereal grain crop (such as wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum use rate of this product

Rates higher than 8 ft. oz./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 ft. oz./A may be applied. Do not apply more than 8 ft. oz./A of this product per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), mustant greens (and other leafy brassica greens), spinach, celery, rhubarto (and other leaf petioles), cranberry, cucurbits, fruiting vegetables (except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 5 ft. oz./A of this product per application to canola, flax, or mustant seed.

RECOMMENDATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA AND MINT WITH THIS PRODUCT

	GRASS SPECIES	WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE			
	Annual & Perennial Grasses Listed in Grass Table	See Table	8	16			
	Mowing: The best control of annual grasses can be achieved by applying this product 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							
	to an analysis of the second s				المراجع المراج		

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 this product for partial or complete control.

Irrigated Atfalfa and Mint: Imigation practices can be very critical to the successful use of this product in established atfalfa and mint and may be necessary to initiate active growth

of the weeds prior to application. Generally 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.

Annual Grass Control: Apply this product at the grass sized indicated in the Recommendation for Annual Grass Table and rates indicated above (8 to 16 ft. oz./A). If a grass has

Annual Grass Control. Apply this product at the grass sized inflictated in the Recommendation for Annual Grass active and takes indicated above to to 10 in oz. Apply been cut, apply this product after active growth has resumed and re-growth has reached the minimum height and before it reaches the maximum height indicated. Apply before the alfalfa/mint 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 clethodim 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. As a general rule, 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 such as frost, slower plant growth, or the onset of flowering. Perennial Grass Control: This product effectively controls perennial grasses such as bermudagrass, johnsongrass, quackgrass, wirestem mulhly, tall fescue, foxtail bariey, and orchardgrass. Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop such as established affalta or mint. 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 ot /A by ground or 1% v/v (but not less than 1 pt./A) to the finished spray volume by air.

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH THIS PRODUCT					
RASS SPECIES	WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE		
nnual Bluegrass (Poa annua)	to 4-leaf	6*	16		

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 cti./A by ground to the finished spray volume.

"Use a minimum of 8 fl. oz./A to control annual bluegrass in seedling and established affalfa and mint.

DIRECTIONS FOR USE IN DRY BEANS, SOYBEANS, AND SUGAR BEETS AT A REDUCED RATE RECOMMENDATIONS FOR SMALL ANNUAL GRASSES (REDUCED RATE RECOMMENDATIONS NOT FOR USE IN CALIFORNIA)

Apply only to actively growing grasses at recommended weed heights.

-Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.

Re-growth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low temperatures, and/or under very low humidity.

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT INCHES	RATE FL. OZ/ACRE (1)
Barnyardgrass	Echinochloa crus-galli	1 to 4	4
Broadleaf Signalgrass	Brachiaria platyphylla	1 to 4	5
Craborass			
Large	Digitaria sanguinalis	1 to 3*	4
Large	Digitaria sanguinalis	1 to 4*	5
Smooth	Digitarie ischeernum	1 to 3*	4
Smooth	Digitaria ischaemum	1 to 4*	5
Southern	Digitaria ciliaris	1 to 4*	5
all Panicum	Panicum dichotomiflorum	1 to 4	4
oxtail			
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
exas Panicum	Panicum texanum	1 to 4	5
/olunteer Corn**	Zea mays	4 to 12	44
Vild Proso Millet	Panicum miliaceum	1 to 6	4
Wild Oats	Avena fatua	1 to 4	5

[&]quot;Length of lateral growth

DIRECTIONS FOR USE IN CANOLA, FLAX, AND MUSTARD SEED AT REDUCED RATE **RECOMMENDATIONS FOR ANNUAL GRASSES**

Apply only to actively growing grasses at recommended weed heights.

Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.

Re-growth by tillering may occur if application is made when plants are stressed by lack of moisture, excessive moisture, low temperature, and/or under very low humidity.

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT INCHES	RATE FL. OZJACRE (1)
Barnyardgrass	Echinochloa crus-galli	1 to 4	4
Crabgrass			
Large	Digitaria sanguinalis	1 to 4*	5
Smooth	Digitaria ischaemum	1 to 4*	5
Fall Panicum	Panicum dichotomiflorum	1 to 4	4
Foxtail			
Giant	Setaria faberi	1 to 4	4
Green	Setaria vindis	1 to 4	5
Yellow	Setaria glauca	1 to 4	5
Shattercane	Sorghum bicolor	4 to 10	4
Volunteer Cereals			
Barley	Hordeum vulgare	1 to 4	
Oats	Avena sativa	1 to 4	5
Wheat	Triticum aestivum	1 to 4	5
Volunteer Corn**	Zea mays	4 to 12	4
Wild Oats	Avena fatua	1 to 4	5
Wild Proso Millet	Panicum miliaceum	1 to 6	4

RECOMMENDATIONS FOR PERENNIAL GRASSES

Apply only to actively growing grasses at recommended weed heights.

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

Do not apply more than 8 fl. oz. A of this product per application to the following crops: garden beets, carrots, radish (and other root vegetables), green onions, leaf lettuce, broccoli, cabbage, cauliflower (and other head and stem brassica vegetables), mustard greens (and other leafy brassica greens), spinach, celery, rhubarb (and other leaf petioles), cranteery, cucurbits, fruiting vegetables(except tomatoes), non-bearing food crops, and strawberry. Do not apply more than 5 fl. oz./A of this product per application to canola, flax, or mustard seed

GRASS SPECIES	WEED HEIGHT INCHES	RATE FL. OZJACRE	HIGH RATE	
Bermudagrass (Cynodon dactylon)				
First Application	3 (or up to 6" runners)	8	16	
Repeat Application(s) (if re-growth occurs)	3 (or up to 6" runners)	8	16	
Fescue, tall (Festuca arundinacea)				
First Application	4 to 8	8	16	
Repeat Application(s) (if re-growth occurs)	4 to 8	8	16	
oxtail Barley (Hordeum jubatum)				
First Application	2 to 6	8	16	
Repeal Application(s) (if re-growth occurs)	2 to 6	8	16	

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

Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment.

GRASS SPECIES	WEED HEIGHT INCHES	RATE FL. OZ/ACRE	HIGH RATE
Orchardgrass (Dactylis glomerata)			
First Application	4 to 8	8	16
Repeat Application(s) (if re-growth occurs)	4 to 8	8	16
Quackgrass*(Agropyron repens)	•		1,1115,1116,111
First Application	4 to 12	8	16
Repeat Application(s) (if re-growth occurs)	4 to 12	8	16
Rhizome Johnsongrass (Sorghum halepense)			
First Application	12 to 24	8	16
Repeat Application(s) (if re-growth occurs)	6 to 18	6	. 8
Wirestern Muhly (Muhlenbergia frondosa)			
First Application	4 to 8	8	16
Repeat Application(s) (if re-growth occurs)	4 to 8	8	.16
erennial Bluegrass* [Roughstalk (Poatrivialis)]			
Kentucky (Poa prantensis)]		1	
First Application	2 to 4	8	16
Repeat Application(s)	2 to 4	8	16

^{*}Control of quackgrass and perennial bluegrass with this product may be enhanced by adding AMS at 2.5 to 4.0 lbs./A.

TANK MIXES **GENERAL INFORMATION**

The labels for each of the herbicides recommended for tank mixing with this product are unique to the characteristics of those products and contain restrictions and limitations that may be more restrictive than this product's label in certain considerations. 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. Croo rotation restrictions:
- 3. Applicator certification requirements;
- 4. Worker safety rules (e.g. protective clothing, re-entry time, posting);
- 5. Soil type or soil characteristics (e.g. pH, OM);
- 6. Maximum dosage or number of applications per season;
- 7. Rain free period required; or
- 8. Application timing (e.g. pre-harvest interval)
 9. FOR ALL CROPS EXCEPT CANOLA, CLOVER, FLAX, MUSTARD, AND RADISH: DO NOT EXCEED A TOTAL OF 32 FL. OZ/A (0.5 LB./AI/A) OF THIS PRODUCT PER SEASON. WHETHER APPLIED ALONE OR IN TANK MIX APPLICATIONS.
- FOR CLOVER AND RADISH: DO NOT EXCEED A TOTAL OF 16 FL. OZ. OF THIS PRODUCT (0.25 LB. OF AI) PER ACRE PER SEASON.
 FOR CANOLA, MUSTARD, AND FLAX: DO NOT EXCEED A TOTAL OF 5 FL. OZ. OF THIS PRODUCT (0.08 LB. OF AI) PER SEASON.
- THE MOST RESTRICTIVE LABELING OF ANY PRODUCT USED IN A TANK MIX MUST BE FOLLOWED.

TANK MIX APPLICATION OF CLETHODIM 2 EC AND BROADLEAF HERBICIDES FOR CONTROL OF GRASSES AND BROADLEAF WEEDS

- Apply only to actively growing grass and broadleaf weeds at recommended height or growth stage listed on each label
- -Apply when the first grass of broadleaf weed species in a mixed population reaches the recommended height or growth stage for treatment.
- Apply under favorable soil moisture and humidity, which exist a few days after rainfall or within seven days after irrigation.
- -Always add the appropriate adjuvant to the spray mix at the rate recommended 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 re-growth occurs, or and additional flush of new grass emerges, make a second application of this product, as specified in the respective size and rate tables.
- •Do not tank mix this product when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.

MIXING INSTRUCTIONS

Maintain agitation throughout the spray application. Failure to agitate the spray volume may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

CLETHODIM 2 EC Tank Mix: Add 1/2 of the required water to the spray tank and begin agitation. Add the required amount of this product and mix thoroughly. Then add the required amount of tank mix partner and continue mixing. Finally add the required amount of crop oil concentrate and/or the nitrogen fertilizer and the remaining water.

INFORMATION ON ANTAGONISM

Tank mixes of this product with post-emergence broadleaf herbicides have shown some reduction or failure to control certain grass species, which would have otherwise been controlled when this product is applied alone. Activity of the post-emergence broadleaf herbicide in the tank mix is not affected.

Table 1 CLETHODIM 2EC HERBICIDE PTO CONTROL ANNUAL GRASSES WHEN USED AS A BURNDOWN IN NO-TILL SOYBEANS

PRODUCT	PRODUCT ACRE RATE (1)	GRASS HEIGHT	CROP OIL CONC. (2)	28%N OR 32%N QTS./A OR 2.5 TO 4.0 LBS. AMS
Clethodim 2EC +	3 fl. oz.	Foxtail 1 to 3" Fall Panicum 1 to 3"	1 qt/A	1 to 2 qts/A or 2.5 to 4.0 lbs. AMS
2,4-D Ester*	4 fl. oz.	Foxtail 1 to 4" Fail Panicum 1 to 4"	1 qt/A	1 to 2 qts./A or 2.5 to 4.0 lbs. AMS
	6 to 8 fl. oz. + 0.5 lb. ai	(See Grass Chart for grasses claimed)	1 qt/A	1 to 2 qts./A or 2.5 to 4.0 lbs. AMS

^{*2.4-}D Ester should not be used where drift-sensitive crops may be grown,

⁽¹⁾ If re-growth occurs or an additional flush of new grass emerges, make a second application of this product according to the appropriate size and rate recommendations.

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

⁽⁹⁾ The following products can be tank mixed with this product plus 2,4-D Ester: Dual 8E®, Dual II®, Dual Magnum®, Prowl®, Sencor®, and Sencor plus the Dual products.

Table 2

CLETHODIM 2EC HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS (REFER TO THE RECOMMENDATION TABLES ABOVE FOR SPECIFIC GRASSES AND GROWTH STAGES)

	Washington Waller Waller	APPLICATION RATES/ACRI	CROP OIL C	ONC. (3) (V/V)	
PRODUCT (2)	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR	
Clethodim 2EC	6 to 8 fl. oz.	8 to 16 fl. oz.	0.5 to 1%	1%	
•	+	+			
Cobra® Herbicide	12.5 ft oz	12.5 fl.oz	407	1%	
Clethodim 2EC	8 to 10 fl. az.	10 to 16 fl. oz.	1%	1%	
Basagran® 4 SL	1 to 2 pts.	1 to 2 pts.	1		•
Clethodim 2EC	6 to 8 ft, oz.	6 to 8 fl. oz.	0.5 to 1%	1%	
+	+	+			
Blazer® 2 SL	1 to 1.5 pts.	1 to 1.5 pts.			
Clethodim 2EC	6 to 8 fl. oz.	6 to 8 fl. oz. Refer to the	1%	1%	
Flexstar® HL, Herbicide (5)	Refer to the Flexstar HL Herbicide label	Flexstar HL Herbicide label	1 1		
T TOTAL O T IG. TOTAL O	for specific application rates	for specific application rates			
Clethodim 2EC	8 to 10 fl. oz.	10 to 16 fl. oz.	1%	1%	
<u>*</u>	<u> </u>	+			
Classio® 25 DG Clethodim 2EC (4)	0.5 to 0.75 oz.	0.5 to 0.75 cz.	40/	1%	
+	6 to 8 ff. oz.	8 to 16 fl. oz.	1%	170	
Pursuit®	4 fl. oz.	4 fl. oz.			
Clethodim 2EC (4)	6 to 8 fl. oz.	8 to 15 fl. oz.	0.5% to 1%	1%	
+	<u>+</u>	+			
Reflex® 2 LC	0.75 to 1.5 pts.	1.75 to 1.5 pts.	1	40/	
Clethodim 2EC 147	8 to 10 fl. oz.	1	0.5%	1%	
Galaxy®	32 fl. oz.	1			
Clethodim 2EC (4)	8 to 10 ft. oz.		0.5%	1%	
+	+	-			
Cobra Herbicide	6 to 8 fl. az.				
+ 	054-075				
Classic 25 DG Clethodim 2EC (4)	0.5 to 0.75 oz. 8 to 10 f., oz.		0.5%	1%	
+	+	_	0.3%	1 /0	
Cobra Herbicide	6 to 10 fl. oz.				
+	+				
Basagran 4 SL	1 to 1.5 oz				
Cletnodim 2EC (4)	8 to 10 fl. oz.	1	0.5%	1%	
+ Cobra Herbicide	+ 6 to 10 fl. oz.				
+	+]		
Pursuit	4 fl. oz.				
Clethodim 2EC (4)	8 to 10 fi. oz.	-	0.5%	1%	
+	+	1]		
Storm® Clethodim 2EC (4)	1.5 pts. 8 to 10 ft, oz.		1%	1%	
Plethoom SEC .	+	<u> </u>	176	176	
Resource® Herbicide	4 fl. oz.				
•	+				
Pursuit	4 fl. oz				
Clethodim 2EC (4)	8 to 10 fl. oz.	*	1%	1%	
r Resource® Herbicide	+ 4 fl. oz.				
-	+11.02				
Basagran Herbicide	1 pt				
Clethodim 2EC (4)	8 to 10 fl. oz.	-	1%	1%	
Danamanan (in the sector)	+ 4		 		
Resource® Herbicide	4 fl. oz.] [
Classic Herbicide	0.5 fl. oz.				
Jethodim 2EC (4)	6 to 8 ft. oz.	-	0.5%	1%	
•	+				
Cobra Herbicide	6 fl. oz.				
Resource Herbicide	+ 4 fl. oz.				
Clethodim 2EC (4)	6 to 8 fl. oz.	8 to 16 fl. oz/	1%		
······································	+	+			
irstRate®	0.3 oz	0.3 oz			
lethodim 2EC (4)	6 to 8 fl. oz.	8 to 16 fl. oz.	1%	-	
rational I Institution	+ Ch. 85	+			
obra Herbicide	6 to 8 fl. oz.	6 to 8 fl. oz.			
irstRate®	0.3 oz	0.3 oz.			
Elethodim 2EC (4)	6 to 8 fl. oz.	-	1%	-	
) +	J !			
aptor® (1 AS)	4 to 5 fl. oz.				
lethodim 2EC (4)	6 to 8 ft. az.	-	1%	-	
abra Harbisida	+ 6+0.0 ft or				
obra Herbicide	6 to 8 fl. az.		ļ		
aptor® (1_AS)	4 to 5 ft. oz.	1	1		

Table 2 Cont'd.:

CLETHODIM 2EC HERBICIDE TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS (REFER TO THE RECOMMENDATION TABLES ABOVE FOR SPECIFIC GRASSES AND GROWTH STAGES)

		APPLICATION RATES/ACRE [1]			
			CROP OIL CON	IC. (I) (V/V)	
PRODUCT (2)	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR	1. · · · · · · · · · · · · · · · · · · ·
Clethodim 2EC (4)	6 to 8 fl. oz. ^[6]	-	1 qt./A	-	
+	+		·		
Synchrony® STS®	0.5 oz.	1			
Ciethodim 2EC (4)	6 to 8 fl. oz. (6)	-	1 qt./A	-	
+	+				
Cobra Herbicide	4 to 8 fl. oz.				
+	+	i	·]		
Synchrony® STS®	0.5 oz.		Į.		
Clethodim 2EC (4)	6 to 8 ft, oz.	-	1 qt/A	-	
+	 		, i		
Resource Herbicide	4 to 12 ft. oz.	·			
Clethodim 2EC (4)	8 to 10 ft, oz.	-	1%	-	C-1
+	+	1			
Frontrow®	Refer to Frontrow				
•	label for use rates	j			

⁽¹⁾ If grass re-growth occurs or an additional flush of new grass emerges, make a second application of this product alone (without a tank mix herbicide), according to the appropriate size and rate recommendations.

Refer to Flexstar HL label for geographic and rotational restrictions.

Table 3

CLETHODIM 2EC HERBICIDE TANK MIXED WITH COBRA HERBICIDE AND MSMA APPLIED POST DIRECTED TO COTTON

	APPLICATION F	APPLICATION RATES/ACRE (1)		
PRODUCT (2)	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	COMMENTS
Clethodim 2EC (4)	6 to 8 ft. oz.	8 to 16 fl. oz.	1% v/v	Reduce broadcast rate in proportion to
+	See Cobra label for rates to co-	ntrol broadleaf weeds and height	1	the band area actually treated.
Cobra Herbicide	limitations for cotton. Refer to the	limitations for cotton. Refer to the label of this product for weed		•
+	height and species controlled.			İ
MSMA (4.0 lbs./gal.)	See MSMA label for rates to co	introl broadleaf weeds and height	7	
or	limitations for cotton. Refer to the	e label of this product for weed		
MSMA (6.6 lbs./gal.)	height and species controlled.	· · · · · · · · · · · · · · · · · · ·		

⁽¹⁾ If grass re-growth occurs or an additional flush of new grass emerges, make a second application of this product alone (without a tank mix herbicide), according to the appropriate size and rate recommendations.

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

Table 4

CLETHODIM 2EC HERBICIDE TANK MIXED WITH BUCTRIL® 4 EC HERBICIDE TO CONTROL EMERGED WEEDS IN BXN COTTON AS A BROADCAST APPLICATION

	APPLICATION RATES/ACRE (*)		
PRODUCT (2)	ANNUAL GRASSES	CROP OIL CONC. PER ACRE (3)	COMMENTS (7)
Clethodim 2EC	8 to 16 ft. oz.	1 qt./A	See charts for grasses controlled.
+	See Buctrit 4 EC Herbicide label for rates to control		
Buctril 4 EC Herbicide (4.5.6)	broadleaf weeds and height limitations for cotton.		

⁽¹⁾ If grass re-growth occurs or an additional flush of new grass emerges, make a second application of this product at the recommended rate with the appropriate amount of crop oil concentrate in a non-Buctril tank mix.

Always use a crop oil concentrate at 1 qt/A by ground in the finished spray solution.

Do not apply this product plus Buctril tank mix within 75 days of harvest.

Use a minimum of 10 gals, of spray solution per acre.

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 recommended in these situations.

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

The addition of 1 to 2 qts/A of liquid fertilizer (10-34-0, 28%N), or 32%N) is recommended when this product is tank mixed with Pursuit, Resource, Galaxy, Storm, FirstRate, Synchrony, Raptor, Frontrow, Cobra Plus Classic, Cobra Plus Basagran, Cobra Plus Pursuit, Cobra Plus FirstRate, Cobra Plus Synchrony, and Cobra Plus Raptor. An equivalent amount (2.5 to 4.0 lbs./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.

Annual grasses and sizes controlled with these tank mixtures are those which are identified in the Directions For Use in Soybeans At A Reduced Rate table.

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 recommended in these situations.

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 this product may be necessary.

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.

Applications of Buctril 4 EC can be made only to cotton that has been genetically modified for crop tolerance to post-emergence over-the-top applications of bromoxynil.

Do not exceed two applications of Buctril before cotton is 12 inches tall and one application after 12 inches tall.

Table 5

CLETHODIM 2EC HERBICIDE TANK MIXED WITH STINGER® HERBICIDE APPLIED TO SUGAR BEETS

	APPLICATIO	N RATES/ACRE (1)	CROP OIL CONC. (3) (V/V)	
PRODUCT (2)	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND AIR	
Clethodim 2EC	6 to 8 fl. oz.	8 to 16 fl. oz.	1% v/v	
+	See Stinger Herbicide tabe	for rates. Refer to the Label of the	is product for weed height and species or	entrolled.
Stinger Herbicide			·	

⁽¹⁾ If grass re-growth occurs or an additional flush of new grass emerges, make a second applications of this product alone (without a tank mix herbicide) according to the appropriate size and rate recommendations.

Table f

CLETHODIM 2EC HERBICIDE TANK MIXED WITH BETAMIX® OR BETANEX® APPLIED TO SUGAR BEETS

	WE	EDS CONTROLLED		
PRODUCT (2)	COMMON NAME	SCIENTIFIC NAME	WEED HEIGHT	APPLICATION RATE/ACRE (1)
Clethodim 2EC	Barnyardgrass	Echinochloa crus-galli	1 to 3"	8 fl. oz.
r	Foxtail	Setaria spp.	1 to 3"	
3etamix	Foxtail Millet	Setaria italica	1 to 3"	
r	Wild Oats	Avena fatua	1 to 3*	
3etanex	Wild Proso Millet	Panicum Miliaceum	1 to 3"	
			See Betamix labe	el for rates to control broadleaf weeds. No additives are
			recommended in	the tank mix.
		i	See Betanex labe	els for rates to control broadleaf weeds. No additives are
	l	i	recommended in	the tank mix.

⁽i) Do not use crop oil concentrate. No additives are recommended in the tank mix.

TANK MIX APPLICATION OF CLETHODIM 2EC HERBICIDE AND 2,4 DB HERBICIDE FOR CONTROL OF GRASSES AND BROADLEAF WEEDS IN ALFALFA

A tank mix of this product plus 2,4 DB (up to 1.0 lb. ai/A) can be used to control grass and broadleaf weeds listed on the two product labels. Include a crop oil concentrate containing at least 15% emulsifier at 1% v/v in the finished spray. Follow rate and other recommendations on the individual herbicide labels when applying this tank mix.

Note: Clethodim 2EC Herbicide plus 2.4 DB may increase the severity of crop injury when tank mixed. Alfalfa plants will generally outgrow this temporary crop injury within a few weeks.

TANK MIX APPLICATION OF CLETHODIM 2EC HERBICIDE AND PURSUIT HERBICIDE FOR CONTROL OF GRASSES AND BROADLEAF WEEDS IN ALFALFA

A tank mix of Clethodim 2EC Herbicide plus Pursuit Herbicide or Pursuit DG Herbicide can be used to control annual grass and broadleaf weeds listed on the two product labels. Include a crop oil concentrate at 1% v/v in the finished spray. For annual grass control in alfalfa using Clethodim 2EC Herbicide plus Pursuit, use 8 to 16 fl. oz./A of Clethodim 2EC Herbicide.

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

Do not feed, graze, or harvest alfalfa for 30 days following an application of Pursuit to alfalfa.

Table 7

TANK MIX APPLICATION OF CLETHODIM 2EC HERBICIDE AND INSECTICIDES FOR CONTROLS OF GRASS WEEDS AND INSECTS IN SOYBEANS, COTTON, AND PEANUTS

		APPLICATION RATES/ACRE (1)	
PRODUCT (2)	ANNUAL GRASSES	PERENNIAL GRASSES	CROP OIL CONC. (3) V/V
Ciethodim 2EC	6 to 8 fl. cz.	8 to 16 fl. oz.	1%
+	 +	+	
Orthene® 75 SP	0.33 to 1.33 lbs.	0.33 to 1.33 lbs.	
or	or	or	
Orthene 97 (for use in	0.25 to 1.0 lb.	0.25 to 1.0 lb.	
cotton and peanuts			
only, not soybeans)			
Clethodim 2EC	6 to 8 fl. oz.	8 to 16 fl. oz.	1%
+	+	+	
Orthene 90 S (4)	0.25 to 1.0 lb	0.25 to 1.0 lb.	
Clethodim 2EC	6 to 8 fl. oz.	8 to 16 fl. oz.	1%
+	+	+	
Danitol® 2.4 EC	10 2/3 to 16 fl. oz.	10 2/3 to 16 fl. oz.	
Spray (5) (for use in			
cotton and peanuts			ļ
only not soybeans)			

If grass re-growth occurs or an additional flush of new grass emerges, make a second applications of this product alone (without a tank mix herbicide) according to the appropriate size and rate recommendations.

⁽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 recommended in these situations.

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

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 recommended in these situations.

⁽I) If grass re-growth occurs or an additional flush of new grass emerges, make a second application of this product at full label rate with appropriate rate of crop oil concentrate.

Refer to the Clethodim 2EC Herbicide and insecticide label for rates, weeds, and insects controlled.

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

¹⁴⁹ Insecticide tank mix use with Orthene 90S in soybeans is permitted only in a state having an approved Section 24(c) registration for Orthene 90S use in soybeans.

⁽⁶⁾ Danitol tank mix is labeled for use in cotton and peanuts only, not soybeans.

TANK MIX APPLICATION OF CLETHODIM 2EC HERBICIDE AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA

Clethodim 2EC Herbicide can be tank mixed with the following insecticides for use in alfalfa: Baythroid®, dimethoate, Lorsban®, Pounce®, or Warrior®. The Clethodim 2EC Herbicide rate should be 6 to 8 fl. oz./A for annual grass control in seeding alfalfa, minimum of 8 fl. oz./A for annual grass control in established alfalfa, and 8 to 16 fl. oz./A for perennial grass control. Crop oil concentrate should be added at the rate of 1.0 to 2.0 pts./A. For the Clethodim 2EC Herbicide label relative to weed sizes and application equipment. For the Clethodim 2EC Herbicide plus Lorsban tank mix, reduce the adjuvant rate down to 1.0 pt./A when the Lorsban rate is 1.0pt./A or higher.

Certain insecticides may cause temporary phytotoxic symptoms on aifalfa 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.

Applications must be made at a timing which falls within the guidelines of the Clethodim 2EC Herbicide label relative to weed sizes and application equipment. For these applications, it is necessary to use application equipment designed for herbicide applications

TANK MIX APPLICATION OF CLETHODIM 2EC HERBICIDE AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN MINT

Clethodim 2EC Herbicide can be tank mixed with the following insecticides for use in mint: Orthene®.

The Clethodim 2EC Herbicide rate should be 6-8 fl. oz./A for annual grass control in baby mint, minimum of 8 fl. oz./A for annual grass control in established mint, and 8 to 16 fl. oz./A for perennial grass control. Crop oil concentrate should be added at the rate of 1.0 to 2.0 pts./A.

Certain insecticides may cause temporary phytotoxic symptoms on mint 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

Applications must be made at a timing which falls within the guidelines of the Clethodim 2EC Herbicide label relative to weed sizes and application equipment. For these applications, it is necessary to use application equipment designed for herbicide applications.

Table 8

RECOMMENDATIONS FOR ROUNDUP READY® VOLUNTEER CORN CONTROL IN ROUNDUP READY SOYBEANS WITH **CLETHODIM 2EC HERBICIDE TANK MIX**

PRODUCT	GRASS SPECIES	WEED STAGES	RATE FL. OZ/ACRE	ADJUVANT RATE (1)
Clethodim 2EC	RR Volunteer Corn	up to 12 inches	4 ⁽¹⁾ to 6 ⁽²⁾	AMS
+	i	up to 24 inches	6 to 8	2.5 lbs/A
Roundup Ultra® (for	r	`	+	
glyphosate formulation	ons	}	up to 2 ats./A (See Roundup	
labeled for RR	1	Ì	Ultra label, glyphosate labels	for
soybean) ⁽³⁾	<u> </u>		use rates)	

- 19 At the 4 fl. oz./A rate of Clethodim 2EC Herbicide, the adjuvant recommendations is 1 pt/A COC plus AMS at 2.5 lbs./A.
- Use the high rate under heavy grass pressure and/or when grasses are at or near maximum height.
- For glyphosate formulations that do not contain a built-in adjuvant system, the adjuvant recommendation is 1 pt./A COC plus AMS (2.5 lbs./A) or NIS at 0.25% v/v plus AMS

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 recommended geight 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 re-growth occurs or an additional flush of new grass emerges, make a second application of
- Clethodim 2EC Herbicide as specified in the respective size and rate tables.
- Do not tank mix Clethodim 2EC Herbicide when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage
- This tank mix may be applied post-emergence to Roudup Ready soybeans up through the full flowering stage. Do not apply later than 60 days before harvest.
 Avoid contact with foliage, green stems, or fruit crops, or any desirable plants and trees, other than soybeans with the Roundup Ready Gene as sever injury or destruction. will result.
- Do not allow the Clethodim 2EC Herbicide plus Roundup to mist, drip, drift, or splash onto desirable vegetation as minute quantities of the tank mix can cause sever 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 conditions that allow spray drift to occur such as combinations of spray pressure and nozzle type that will result in fine particles (mist) that are likely to drift.

DIRECTIONS FOR USE IN FALLOW LAND

Clethodim 2EC Herbicide 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 Clethodim 2EC Herbicide at 6 to 8 ft. oz./A for annual grasses and 8 to 16 ft. oz./A for perennial grasses. When both grass and broadleaf weeds are the target pest, Clethodim 2EC Herbicide may be tank mixed with 2,4-D Ester or Banvel SGF Herbicide for broad spectrum control. When both annual and perennial grasses occur in the same field, use a minimum of 8 ft. oz./A Clethodim 2EC Herbicide.

GENERAL INFORMATION

- .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 recommended weed height as specified by the Recommendations For Annual And Perennial Grasses
- Annual grasses which emerge after the Clethodim 2EC Herbicide application will not be controlled and a second application may be necessary.
- The control of perennial grasses may require more than one application in non-tilled areas.
 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 recommended growth stage.
- Do not use flow jet nozzles.
- · Do not apply to drought-stressed grasses.
- Do not mow area for two weeks prior to or after the Clethodim 2EC Herbicide application.

CLETHODIM 2EC HERBICIDE IN TANK MIXES TO CONTROL ANNUAL AND PERENNIAL GRASSES IN FALLOW LAND

	APPLICATION RATES/ACRE (1)		CROP OIL CONC. (7)		
PRODUCT	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR	
Clethodim 2EC	6 to 8 ft. oz.	8 to 16 fl. oz.	1%		
+		0.5 lb.			
2,4-D Ester	See Banvel S	See Banvel SGF label for rates.			
or					
Banvel SGF					

- Refer to Clethodim 2EC Herbicide label for weed height and species control. Review Banvel SGF Herbicide and 2,4-D labels 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 soray volume.

CLETHODIM 2EC HERBICIDE FOR THE CONTROL AND/OR SUPPRESSION OF TALL FESCUE IN NATIVE PRAIRIE WARM-SEASON GRASS RESTORATION PROJECTS

	T		GRASS WEEDS CONTROLLED/SUPPRESSED			
PRODUCT	PRODUCT RATE	COMMON NAME	SCIENTIFIC NAME	WEED STAGE		
Clethodim 2EC	10 to 12 ft. oz./A	Tall Fescue	Festuca arundinacea	4 to 6 in. (40 to 60% green-up)		
Adjuvant: Clethodim 2EC Herbicide must be applied with crop oil concentrate at 1 qt./A, plus a spray grade ammonium sulfate at 2.5 to 4 lbs./A. Recommended Mixing Order:						
Thoroughly mix spray grade ammonium sulfate in water, add Clethodim 2EC Herbicide, then add crop oil concentrate.						

SPECIAL APPLICATION INSTRUCTIONS/PRECAUTIONS

- 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. Do not mow area for 2 weeks after the Clethodim 2EC Herbicide application.
- 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.
- · Apply only to fields that have warm-season grasses established for two years. Applications of Clethodim 2EC Herbicide to emerged warm-season grasses may cause injury.
- . 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.

NOTE: Clethodim 2EC Herbicide applications are most effective if applied when average nighttime temperatures are consistently greater than or equal to 47 degrees Fahrenheit.

CLETHODIM 2EC HERBICIDE FOR THE SUPPRESSION OF TALL FESCUE SEED-HEADS IN NON-PRODUCING AGRICULTURAL AREAS

PRODUCT	PRODUCT RATE	SUPPRESSION	APPLICATION TIMING			
Clethodim 2EC	1 1/2 to 2 fl. oz./A	Tall Fescue Seed-Heads (Festuca arundinacea)	(50 to 90% Tall Fescue green-up)			
Adjuvant: Clethodim 2EC Herbicide must be applied with crop oil concentrate at 1 qt./A plus a spray grade ammonium sulfate at 2.5 to 4 lbs./A. Recommended Mixing Order:						
Thoroughly mix spray grade ammonium sulfate in water, add Clethodim 2EC Herbicide, then add crop oil concentrate.						

SPECIAL APPLICATION INSTRUCTIONS/PRECAUTIONS

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

Daisy, African

- Use the higher Clethodim 2EC Herbicide rate if less tall fescue green matter is present.
- . Do not mow area for 2 weeks after the Clethodim 2EC Herbicide application.
- 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 holiow cone nozzles. Do not use flood nozzles.
- · 2,4-D Ester may be added to this tank mix for broadleaf control (see 2,4-D Ester label for weeds controlled).
- 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 dethodim is registered for use in that crop

DIRECTIONS FOR USE IN ORNAMENTALS

For ornamental plant uses, Clethodim 2EC Herbicide can be used to control labeled grass weeds in greenhouses, lathhouses, shadehouses, and around outdoor ornamentals, including nurseries, parks, roadside plantings, and structure landscapes.

Important: Clethodim 2EC Herbicide successfully controls weeds in newly transplanted and established non-grassy ornamentals. Plant tolerance to Clethodim 2EC Herbicide 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 recommended that the user determine if herbicide can be used safety on a few plants prior to widespread applications. Neither the seller nor the manufacturer of Clethodim 2EC Herbicide has investigated the safety factor to ornamental plants not listed on the label.

Common Name

The following plants have shown a tolerance for Clethodim 2EC Herbicide applications:

ORNAMENTAL TREES

GARDEN FLOWERS AND PLANTS CONT'D.:

Scientific Name

URI	AWWIENIAT IKEES	Dayliy	riernerocanis spp.
Common Name	Scientific Name	Dusty Miller	Senecio cineraria
Alder, Red	Alnus oregona	Euonymus	Euonymus spp.
Ash	Fraxinus spp.	Gazania	Gazania spp.
Basswood	Tilia spp.	Geranium, House	Pelargonium hortorum
Birch, European White	Betula pendula	Heather	Cuphea hyssoifolia
Birch, River	Betula nigra	Hosta	Hosta fortunei
Birch, White	Betula papyrifera	lris	<i>Iris</i> spp.
Crabapple, Flowering	Malus haliana	Jasmine Tobacco	Nicotiana alata
Dogwood, Flowering	Comus florida	Loosestrife	Lythrum salicaria
Golden Chain Tree	Labumum anagyroides	Marigold	Tagetes spp.
Maples	Acer spp.	Partridgeberry	Mitchella repens
Mulberry, White	Morus alba	Petunia*	Petunia hybrida
Oaks	Quercus spp.	Phlox	Phlox spp.
Olive, Wild	Elaeagnus angustifolia	Pinks	Dianthus spp.
Redbud	Cercis canadensis	Portulaca	Porulaca grandiflora
Sweet Gum	Liquidambar styraciflua	Salvia	Salvia spp.
	•	Saxifrage	Saxifraga sop.
GARDEN F	LOWERS AND PLANTS	Sedum	Sedum spp.
Common Name	Scientific Name	Selloum	Philodendron selloum
Ageratum	Ageratum spp.	Snapdragon*	Antimhinum majus
Alyssum*	Lobularia maritime	Sweet Flag	Acorus gramineus
Asparagus Fern	Asparagus setaceus	Tickseed	Coreopsis grandiflora
Bleeding Heart	Dicentra spectabilis	Touch-Me-Not	Impatiens spp.
Cast Iron Plant	Aspidistra elatior	Verbena	Verbena spp.
Chrysanthemum	Chrysanthemum spp.	Violet	Viola spp.
Cinquefoil	Potentiila spp.	Yarrow, Common	Achillea millefolium
Coleus	Coleus spp.	Zinnia	Zinnia elegans
Coralbells	Heuchera sanguinea		
Cranesbill	Geranium spp.	*Slight foliage or flower speckling	has been observed on these species.
Dahlia	Dahlia spp.	3 . 3	

Osteospermum fruticosum

GROUND COVERS

Common Name Bugleweed, Carpet lvy, English Japanese Spurge Lityturf Moneywort Mondo Grass, White Mondo Grass, Dwarf Periwinkle, Common

Aucuba

Azalea'

Bamboo

Bayberry

Baxwood

Camellia

Candytuft

Coralberry

Clevera

Scientific Name Ajuga reptans Hedera helix Pachysandra terminalis Linope muscari Lysimachia nummularia Óphiopogon jaburan Ophiopogon japonicus Vinca minor

SHRUBS

COMMON NAME SCIENTIFIC NAME Abelia Anise, Purple Abelia spp. Illicium floridanum Aucuba spp. Rhododendron spp. Barnousa spp. Barberry, Japanese Berberis thunbergii Berberis buxifolia Barberry, Mageilan Myrica nensylvanica Bottlebrush Callistemon citrinus Buxus sempervirens Camellisa japonica Iberis sempervirens Cleyera japonica

Crape Myrtle Coyote Brush Fig. Creeping Gardenia Holly Honeysuckle Indian Hawthorn Jasmine Jasmine, Asiatic Jasmine, Confederate Juniper Lantana Nandina* Oleander, Common

Oregon Grape Photinia Pittosporum **Podocarpus** Privat Pyracantha Rhododendron Rose Spirea Tea Olive Viburnum Wisteria Yellow Sage

Lagerstroemia indica Baccharis pilularis Ficus pumila Gardenia spp. llex spp. Lonicera pileata Raphiolepis indica Jasminum spp.

Trachelospermum asiaticum Trachelospermum jasminoides Junioerus son Lantana spp. Nandinia domestica Nerium oleander Mahonia aquifolium Photinia spp. Pittosporum spp. Podocarpus spp. Ligustrum spp. Pyracantha spp. Rhododendron spp. Rosa spp. Spiraea bumalda Ösmanthus fragrans Viburnum tinus

Wisteria spp.

Lantana camara

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

RECOMMENDATIONS FOR ANNUAL GRASSES IN ORNAMENTALS

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

Ardisia crenata

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL. OZ/ACRE (1)	HIGH RATE (2)
arnyardgrass	Echinochiga crus-galli	2 to 8	8	_16
roadleaf Signalgrass	Brachiaria platyphylla	2 to 6	8	16
rome				
California	Bromus carinatus	2 to 6	8	16
Cheatgrass	Bromus secalinus	2 to 6	8	16
Downy	Bromus tectorum	2 to 6	8	16
Ripgut	Bromus diandrus	2 to 6	8	16
anarygrass	Phalans canariensis	1 to 4	8	16
rabgrass]			
Hairy	Digitaria adscendens	2 to 6***	8	16
_arge	Digitaria sanguinalis	2 to 6**	8	16
Smooth	Digitaria ischaemum	2 to 6**	8	16
Southern	Digitaria ciliaris	2 to 6**	. 8	16
owfootgrass	Dectyloctenium aegyptium	2 to 6**	8	16
II Panicum	Panicum dichotomiflorum	2 to 8	8	16
eld Sandbur	Cenchrus incertus	2 to 6	8	16
extail				
Glant	Setaria faberi	2 to 12	8	16
neen	Setaria viridis	2 to 8	8	16
fellow	Setaria glauca	2 to 8	8 •	16
xtail Barley	Hordeum jubatum	2 to 6	8	16
osegrass	Eleusine indica	2 to 6**	8	16
ngrass	Rottboellia exattata	2 to 6	8	16
nglerice	Echinochloa colona	2 to 6	8	16
veorass (Stinkorass)	Eragrostis citianensis	2 to 6	8	16
abbitsfootgrass	Polypogon monspeliensis	1 to 4	8	16
ed Rice	Oryza setiva	1 to 3	8	16
egrass		i		
fardy	Lolium remotum	2 to 6	8	16
alian	Lolium multiflorum	2 to 6	8	16
ediing Johnsongrass	Sorghum halepense	4 to 10	8	16
attercane	Sorghum bicolor	6 to 18	8	
uthwestern Cupgrass	Erlochloa gracilis	2 to 6	8	<u>16</u>
rangletop			Ţ	
vmazon	Leptochioa panicoides	2 to 6	8 j	16
earded	· Leptochioa fascicularis	2 to 6	8	16
fexican	Leptochioa uninervia	2 to 6	8	16
ed	Leptochloa filiformis	2 to 6	8	16
as Panicum	Penicum texanum	2 to 6	8	16
unteer Cereals				
arley	Hordeum vulgare	2 to 6		16
ats	Avena sativa	2 to 6	8	16
ve	Secale cereale	2 to 6	8	16
heat	Triticum aestivum	2 to 6	. 8	16
unteer Corn	Zea mays	4 to 12	8	16
unteer Corn	Zea mays	12 to 24	8	16
unteer Grain Sorghum	Sorghum bicolor	8 to 12	8	16
d Oats	Avena fatua	2 to 6	8	16
d Proso Millet	Panicum miliaceum	2 to 10	8	16
chorass	Panicum capillare	2 to 8	8	16
oolly Cupgrass	Eriochiga villosa	2 to 8	8	16

^{*}Generally occurs between 3-leaf stage and tillering.

[&]quot;Length of lateral growth.

- 8 ft. oz./Anepproximately 0.2 ft. oz./1000 sq. ft.
 16 ft. oz./Anepproximately 0.4 ft. oz./1000 sq. ft.
- - Add a non-lonic surfacturit containing at least 80% active ingredient at the rate of 1 pt, per 50 gais, (0.25% VV).

RECOMMENDATIONS FOR ANNUAL BLUEGRASS CONTROL WITH CLETHODIM 2EC HERBICIDE IN ORNAMENTALS

GRASS SPECIES	WEED STAGE	RATE FL OZ/ACRE	HIGH RATE					
Annuel Bluegrass (Pos annue)	to 4-leaf	6	16					
Apply under favorable soil moisture and hun	vidity which exists with	in a few days after rainfall or within	7 days after irrigation. Grass nee	ds to be actively growing at time of				
application (s).								
Apply at weed stage indicated on the label, as			kuograes.					
Use high rate under heavy grass pressure and/or #nnust bluegrass is more mature.								
Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gats. (0.25% v/v).								
Agg a non-lonic sufficient containing at least out a south surrought at the rate of 1 pt. per 50 gast (0.25% VVI.								

RECOMMENDATIONS FOR PERENNIAL GRASSES

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

GRASS SPECIES	I WEED HEIGHT INCHES	RATE FL OZJACRE (1)	HIGH RATE IN	
Bermudagrass (Cyrnodon dectylori)				
First Application	3 (or up to 6" runners)	8	16	
Repeat Applictione(s) (if re-growth occurs)	3 (or up to 6" runners)	8	16	
Quackgrass (Agropyron repens)				
First Application	4 to 8	8	16	
Repeat Applications(s) (if re-growth occurs)	4 to 8	8	16	
Rhizome Johanngrass (Sorghum halepense)				
First Application	12 to 24	8	16	
Recest Applictions(s) (If re-growth occurs)	6 to 18	8	8	
Wirestern Muhly (Muhlenbergiz frondoss)	· • · · · · · · · · · · · · · · · · · ·			
First Acclication	4 to 8	<u> 8</u>	16	
Recest Applictions(s) (if re-growth occurs)	4 to 8	8	16	

(f) 8 fl. cz./A-approximately .02 fl. cz./1000 sq. ft. (h) 16 fl. cz./A-approximately 0.4 fl. cz./1000 sq. ft.

Add non-ionic surfactant containing at least 80% active ingradient at the rate of 1 pt. Per 50 gais. (0.25% v/v).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment, Open dumping is prohibited.

STORAGE: Keep pasticide in original container. Do not put concentrate or diute into food or drink containers. Store in cool, dry place. Do not store diluted spray.

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

CONTAINER DISPOSAL: Triple ringe (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinera-

tion, or if allowed by State and local authorities, by burning, if burned, stay out of smole

For 24-Hour Emergency Assistance (Spill, Leak, Or Fire), Call Chem-Trec 1-800-424-9300.

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ACCEPTED with COMMENTS SEP 1 7 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 37404-864

15

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