

83772-7

3/5/2010

leaf 31



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

Reg. Number: 83772-7  
Date of Issuance: MAR - 5 2010

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Conditional  
Name of Pesticide Product:  
AgSaver Clethodim

Name and Address of Registrant (include ZIP Code):

AgSaver LLC  
203 East Ash Street  
McGehee, AR 71654

~~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 NOTICE OF PESTICIDE REGISTRATION SUPERCEDES THE FEBRUARY 12, 2010 NOTICE OF REGISTRATION**

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 review of your product when the Agency requires all registrants of similar products to submit data. If required, failure to submit acceptable data to fulfill these requirements may result in registration cancellation in accordance with FIFRA section 6(e).
- 2) Assure that the maximum application restrictions do not exceed the highest currently registered rate for each appropriate application site.
- 3) Add the phrase "EPA Reg. No. 83772-7" to the labeling and assure that the EPA Establishment Number and Net Contents are also on the label.
- 4) Remove the term "GENERAL" from below the "RESTRICTIONS AND LIMITATIONS HEADER" on page 6.
- 5) NOTE: As appropriate, you may change the reference to "Makteshim Agan of North America, Inc." to "AgSaver, LLC" or "AgSaver™, LLC" under the "Control symptoms" header at the top of page 4. This change is not required and should only be made if it is appropriate.

**SEE NEXT PAGE FOR ADDITIONAL COMMENTS**

Signature of Approving Official:  
Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
*Kathryn V. Montague*

Date:  
MAR - 5 2010

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EPA Registration #: 83772-7

Product Name: AgSaver Clethodim

THIS NOTICE OF PESTICIDE REGISTRATION SUPERCEDES  
THE FEBRUARY 12, 2010 NOTICE OF REGISTRATION

- 5) NOTE: While no additional data is being requested at this time, marketing claims made on the pesticide label must be substantiated by data maintained in your files. If data supporting marketing claims made on the product label is not available then those claims must be removed.
  
- 6) NOTE: Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

30631

# AgSaver™ Clethodim

**NOT FOR SALE OR USE IN ARIZONA AND CALIFORNIA**

**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:** ..... 73.6%  
TOTAL 100.0%

Contains petroleum distillate.  
Contains 2.0 lbs. clethodim per gallon.

Contains clethodim, the active ingredient used in Select® herbicide and Prism® herbicide

EPA Reg. No. 83772-7

EPA Est. No. 37429-GA-2

Manufactured for:  
AGSAVER™, LLC  
203 EAST ASH STREET  
MCGEEHEE, AR 71654

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**MAR - 5 2010**

**NET CONTENTS: 1 GALLON**  
[BATCH CODE will appear on immediate container]

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

## KEEP OUT OF REACH OF CHILDREN CAUTION

83772-7  
(If you do not

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

### FIRST AID

- IF IN EYES:**
  - 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 OR CLOTHING:**
  - Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor for treatment advice.
- IF SWALLOWED:**
  - Immediately call a poison control center or doctor.
  - Do not induce vomiting 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 INHALED:**
  - 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.** You may also contact 1-800-222-1222 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid, which can cause pneumonitis. Contains petroleum distillate.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**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  $\geq$ 14 mils
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

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

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

Wild Rice:	Hays County, Texas
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**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 interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate or Viton  $\geq$  14 mils
- 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 area 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 label 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.

**PRODUCT INFORMATION**

**FOR USE ON:** Alfalfa, Asparagus, Bean and Pea (dry shelled)<sup>1</sup>, Bean and Pea (succulent)<sup>2</sup>, Broccoli, Cabbage, Canola, Carrot, Cauliflower (and other Head and Stem Brassica Vegetables)<sup>3</sup>, Celery, Clover (grown in Idaho, Oregon, and Washington only), Conifers, Cotton, Cranberry, Cucumber, Eggplants (and other Fruiting Vegetables)<sup>4</sup>, Fallow Land (and other

non-producing agricultural areas), Flax, Garden Beet, Garlic, Herbs<sup>5</sup>, Hops, Horseradish (and other Root Vegetables)<sup>6</sup>, Legume Vegetables (edible podded)<sup>7</sup>, Lettuce Head and Leaf (and other leafy greens)<sup>8</sup>, Melons (including Cantaloupes and Watermelons)<sup>9</sup>, Mint, Mustard Greens (and other Leafy Brassica Greens)<sup>10</sup>, Mustard Seed, Non-Bearing Food Crops, and Non-crop or Non-planted Areas, Onions (dry bulbs and green), Ornamentals, Peanuts (including perennial), Peppers (bell and non-bell), Potato, Radish, Rhubarb (and other Leaf Petioles)<sup>11</sup>, Safflower, Sesame, Shallots (dry bulbs and green), Squash (including Pumpkins)<sup>9</sup>, Soybeans, Strawberry, Sugarbeets, Sunflower, Sweet Potato, Tomato and Yam (and other Tuberous and Corm Vegetables)<sup>12</sup>

<sup>1</sup> Other Dry Shelled Bean and Pea Crops approved for use with AgSaver Clethodim include: Bean (Lupinus spp.), grain, sweet, white and white sweet; Bean (Phaseolus spp.), field, kidney, lima (dry), navy, pinto and tepary; Bean (Vigna spp.), adzuki bean, black-eyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, broad (dry), chickpea (garbanzo), guar, lablab bean and lentil; Pea (Pisum spp.), field and pigeon

<sup>2</sup> Other Succulent Bean and Pea Crops approved for use with AgSaver Clethodim includes: Bean (Lupinus spp.), grain, sweet, white and white sweet; Bean (Phaseolus spp.), field, kidney, lima (dry), navy, pinto and tepary; Bean (Vigna spp.), adzuki bean, black-eyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, broad (dry), chickpea (garbanzo), guar, lablab bean and lentil; Pea (Pisum spp.), field and pigeon

<sup>3</sup> Other Head and Stem Brassica Vegetables approved for use with AgSaver Clethodim include: Chinese broccoli; Brussels sprouts; Chinese (Napa) cabbage; Chinese mustard; cavalo broccolo; and kohlrabi.

<sup>4</sup> Other Fruiting Vegetables (except Tomato) approved for use with AgSaver Clethodim include: eggplant, groundcherry, pepino, peppers (all) and tomatillo.

<sup>5</sup> Other Herb Crops approved for use with AgSaver Clethodim include: angelica, balm, basil, borage, burnet, camomile, catnip, chervil (dried), chive, Chinese chive, clary, coriander (leaf), costmary, culantro (leaf), curry (leaf), dill (dillweed), horehound, hyssop, lavender, lovage (leaf), marigold, marjoram, (origanum spp.), nasturtium, parsley (dried), pennyroyal, rosemary, rue, sage and savory, summer and winter.

<sup>6</sup> Other Root Vegetables approved for use with AgSaver Clethodim include: burdock, edible; celeriac; chervil, turnip-rooted; chicory; ginseng; parsley, turnip-rooted; parsnip; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret, and turnip

<sup>7</sup> Other Edible Podded Legume Vegetable crops approved for use with AgSaver Clethodim include: Bean (Phaseolus spp.), runner, snap and wax; Bean (Vigna spp.), asparagus, Chinese longbean, moth, yardlong, jackbean; Pea (Pisum spp.), dwarf, edible-pod, snow, sugar snap, pigeon and sword bean.

<sup>8</sup> Other Leafy Greens crops approved for use with AgSaver Clethodim include: amaranth (Chinese spinach, leafy amaranth and tampala), arugula (rocket), chervil, chrysanthemum (edible-leaved and garland), corn salad, cress (garden, yellow rock and winter), dandelion, dock (sorrel), endive (esacarole), lettuce (head and leaf), orach, parsley, purslane (garden and winter), radicchio (red chicory), spinach (New Zealand) and Vine (Indian and malabar).

<sup>9</sup> Other Curburbit Crops approved for use with AgSaver Clethodim include: Chayote (fruit), Chinese Wax Gourd, Citron Melon, Edible Gourd, Gherkin and Muskmelons (all) including Honeydew Melon.

<sup>10</sup> Other Leafy Brassica Greens approved for use with AgSaver Clethodim include: broccoli raab, Chinese (bok choy) cabbage, collards, kale, mizuna, mustard greens, mustard spinach, rape greens and turnip greens.

<sup>11</sup> Other leaf petiole crops approved for use with AgSaver Clethodim include: cardoon, celtuce, Chinese celery, Florence fennel, and Swiss chard.

<sup>12</sup> Other tuber and corm vegetables approved for use with AgSaver Clethodim 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 yam.

AgSaver Clethodim is not for use on vegetable crops being grown for seed production unless specific use directions are provided.

AgSaver Clethodim is a selective postemergence herbicide for control of annual and perennial grasses. AgSaver Clethodim does not control sedges or broadleaf weeds.

Repeated use of AgSaver Clethodim (or similar postemergence 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 AgSaver Clethodim 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 foliage. Symptoms will generally be observed in 7 to 14 days after application depending on grass species treated and environmental conditions.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

**APPLICATION INFORMATION**

**Timing of Applications**

Apply AgSaver Clethodim postemergence to actively growing grasses according to rate table specifications. Applications made to grass plants stressed by insufficient moisture or hot or cold temperatures or to grass plants exceeding specified growth stages may result in unsatisfactory control. Do not apply under these conditions.

In arid regions where irrigation is used to supplement limited rainfall, AgSaver Clethodim should be applied as soon as possible after an irrigation (within 7 days). In arid regions, a second application of AgSaver Clethodim 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 AgSaver Clethodim may reduce weed control. DO NOT APPLY AgSaver Clethodim if rainfall is expected within one hour since control may be reduced.

**ADDITION OF ADJUVANT OR CROP OIL CONCENTRATE**

CROP	ADJUVANT RECOMMENDATIONS
Alfalfa , Cotton, Dry Shelled Beans and Pea, Edible Podded Legume Vegetables, Peanuts (including perennial) , Potato, Soybeans, Succulent Bean & Pea , Sugar Beets, Sunflowers	Always use a crop oil concentrate* at 1.0 qt./A by ground or 1% v/v (but not less than 1 pt./A) in the finished spray volume by air.  1 to 2 qts./A of liquid fertilizer (10-34-0, 28%N or 32%N), or an equivalent amount (2.5 to 4.0 lbs./A) of spray grade ammonium sulfate (AMS) may be added to AgSaver Clethodim applications in addition to the specified rate of crop oil concentrate. The addition of AMS has shown improved grass control for difficult to control species including: quackgrass, Rhizome johnsongrass, red rice, wild oats, volunteer cereals, and volunteer corn.
Asparagus, Canola, Carrots, Clover, Cranberries, Cucurbits, Flax, Fruiting Vegetables (except tomato), Garden Beets, Garlic, Head and Stem Brassica Vegetables, Herbs, Hops, Leaf Petioles, Leafy Brassica Greens, Leafy Greens, Mint, Mustard Seed, Onions (dry bulbs and green), Root Vegetables, Safflower, Sesame, Shallots (dry bulbs and green), Strawberries, Sweet Potatoes (Yams and other tuberous and corn vegetables except potato)	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.
Non-Bearing Food Crops, Ornamental Plants	Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v). Use of crop oil concentrate is not recommended since it may injure flowers and foliage.
Conifer Trees, Fallow Land (and other non-producing agricultural areas), and Non-Crop or Non-Planted Areas	Always use a crop oil concentrate containing at least 15% emulsifier at 1% v/v (but not less than 1 pt./A) in the finished spray volume.

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

**Ground Application**

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 5 gals. and a maximum of 40 gals. of spray solution per acre. Under the following conditions a minimum of 10 gals. per acre is required: ultra narrow row cotton, narrow row soybeans, broadleaf herbicide tank mixes, perennial grasses, volunteer corn, drought or stress conditions, heavy grass pressure, or when grasses are at or near maximum height. Failure to use a minimum of 10 gals. per acre under these conditions can result in poor coverage and reduced grass control requiring repeat applications. Spray pressures 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), garlic, 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 unless otherwise directed in this label. Increase spray volumes up to 10 gals. as grass or crop foliage becomes dense.

For onions (dry bulbs and green), garlic, or shallots (dry bulbs and green): When applying by air do not exceed 8 fl. oz./A in a single application. Air application to onions, garlic, or shallot should be made in a minimum of 10 gals. of spray solution per acre.

**Note: Crop injury may occur when AgSaver Clethodim is applied to onions, garlic, or shallots with aerial equipment.**

**Spot Treatment**

When using hand sprayers or high volume sprayers utilizing hand guns, mix ¼% to ½% (0.33 oz. to 0.65 oz. per gal.) AgSaver Clethodim 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 ¼% (0.33 oz. per gal.) by volume.

**Note: If AgSaver Clethodim 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**

Do not apply AgSaver Clethodim by chemigation in the states of Idaho, Montana, Oregon, and Washington.

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 AgSaver Clethodim at the high rate specified 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 AgSaver Clethodim 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 specified quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness. Use a metering device to inject the AgSaver Clethodim into the irrigation water at a constant flow. Constant agitation must be maintained in the chemical supply tank during the entire period of herbicide application. Inject the product with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. Allow time for all lines to flush the herbicide through all nozzles before turning off irrigation water. To ensure the lines are flushed and free of remaining herbicide, a dye indicator may be injected into the lines to mark the end of the application period.

Do not apply AgSaver Clethodim through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

**Use Precautions**

1. Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.
3. If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
4. 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.
5. 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.
6. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
7. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
8. 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.
9. The system must contain functional interlocking controls to automatically shut off 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.

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- 11. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 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 postemergence broadleaf herbicide within one day following application of AgSaver Clethodim or reduced grass control may result.

AgSaver Clethodim is not for use on vegetable crops being grown for seed production unless specific use directions are provided. For canola, do not apply more than 6 fl. oz. of AgSaver Clethodim (0.08 lb.ai) per acre per season. For clover, flax, mustard seed and radish crops, do not apply more than 16 fl. oz. of AgSaver Clethodim (0.25 lb. ai) per acre per season. For all other crops, do not apply more than 32 fl. oz. of AgSaver Clethodim (0.50 lb. ai) per acre per season (except where state specific restrictions are noted).

**Application on Long Island, New York (Nassau and Suffolk Counties) is restricted to no more than 16 fl. oz. of AgSaver Clethodim (0.25 lb. ai) per acre per season.**

Do not apply more than 8 fl. oz./A of AgSaver Clethodim **per application** to the following crops: asparagus, brassica vegetables, (head and stem), bean (succulent), carrots, cranberry, cucurbits, flax, fruiting vegetables, (except tomato), garden beet, green onion, herbs, hops, leafy petioles, leafy brassica greens, leafy greens, legume vegetables (edible podded), non-bearing food crops, pea (dry shelled), pea (succulent), root vegetables, safflower, sesame and strawberry.

Do not apply more than 6 fl. oz./A of AgSaver Clethodim per application to canola, or mustard seed. For all other crops, do not apply more than 16 fl. oz. of AgSaver Clethodim (0.25 lb a.i.) per acre per application (except where state specific restrictions are noted). **Exceeding these specifications may result in unacceptable crop injury.**

Do not apply under conditions of stress. Applying AgSaver Clethodim 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 AgSaver Clethodim 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 AgSaver Clethodim applications per season per year are required 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 AgSaver Clethodim.

While all the vegetable crops on this label have been tested and are tolerant to AgSaver Clethodim, not all specialty varieties of these crops have been tested. It is advised that, before applying AgSaver Clethodim 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 speckling 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 AgSaver Clethodim and broadleaf herbicides may result in reduced grass control. If grass regrowth occurs, an additional application of AgSaver Clethodim 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.
- Do 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.



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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 drift.
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.
4. Applying as close to target plants as practical while maintaining a 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.**

**CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR AGSAVER CLETHODIM**

CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
<b>Alfalfa (including: Sainfoin, Holy Clover, Birdsfoot Trefoil)</b> <sup>(3)</sup>	6-16 fl. oz. <sup>(4)</sup>	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	Refer to tank mix partners for feeding, grazing and harvesting restrictions. <sup>(5, 6)</sup>  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.  The Preharvest Interval (PHI) is 15 days before grazing, feeding or harvesting (cutting) for forage or hay.
<b>Asparagus</b>	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.  The Preharvest Interval (PHI) is 1 day.
<b>Beans, Dry Shelled including:</b> Bean (Lupinus spp.) Grain, Sweet, White, White Sweet  Bean (Phaseolus spp.) Field, Kidney, Lima (dry), Navy, Pinto, Tepary  Bean (Vigna spp.) Adzuki Bean, Black-eyed pea, Catjang Cowpea, Crowder pea, Moth Bean, Mung Bean, Rice bean, Southern Pea, Urd Bean, Broad (dry), Chickpea (garbanzo) Guar, Lablab Bean, Lentil	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	Refer to appropriate Table for reduced rate specifications for the control of small annual grasses.  Do not apply more than 16 fl. oz. per acre per application. For repeat applications make on a minimum of a 14 day interval.  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.  The Preharvest Interval (PHI) is 30 days.
<b>Bean, Succulent including:</b> Bean (Phaseolus spp.) Broad bean (succulent) Lima bean (green), Bean (Vigna spp.), Black-eyed pea, Cowpea, Southern pea	6-8 fl. oz.	1 qt. by ground or 1 % v/v (but not less than 1 pt./A) by air. <sup>(5)</sup>	Refer to appropriate Table for reduced rate specifications for the control of small annual grasses.  Do not apply more than one (1) application per acre per season.  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.  The Preharvest Interval (PHI) is 21 days.
<b>Beet, Garden</b>	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.  The Preharvest Interval (PHI) is 30 days.
<b>Canola</b>	4- 6 fl. oz.	1% v/v in the finished spray volume	Do not apply after crop has begun bolting. Crop injury may occur when AgSaver Clethodim is applied during the bloom period.

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CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
Carrot	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. The Preharvest Interval (PHI) is 30 days.
Clover (Idaho, Oregon, and Washington only)	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.  Do not exceed 16 fl. Oz. of AgSaver Clethodim (0.25 lb. ai) per acre in a season.  The Preharvest Interval (PHI) is 15 days before grazing, feeding, or harvesting (cutting) for forage or hay. In Oregon, for use on clover grown for seed, use 6-8 fl oz per acre for annual grass control and 18-10 fl oz per acre for perennial grass control.
Cotton	6-16 fl. Oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(6)</sup>	Do not graze treated fields or feed treated forage or hay to livestock.  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.  The Preharvest Interval (PHI) is 60 days.
Cranberry	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.  Do not apply between the "hook" stage and full fruit set.  The Preharvest Interval (PHI) is 30 days.
Cucurbits including: Chayote(fruit), Chinese Wax Gourd, Citron Melon, Cucumber, Gherkin, Gourd,(Edible), Muskmelons (all) including: Cantaloupes, Honeydew Melon Pumpkin, Squash (all), Watermelon	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.  The Preharvest Interval (PHI) is 14 days.
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 least 15% emulsifier.	Do not plant any crop for 30 days after application unless AgSaver Clethodim is registered for use in that crop.
Flax	6-8 fl. Oz.	1% v/v in the finished spray volume	Apply prior to bloom. Crop injury may occur when AgSaver Clethodim is applied during the bloom period.  Do not apply more than 8 fl. oz of AgSaver Clethodim per acre per application. Do not exceed 16 fl. oz per acre in a season.  The Preharvest Interval (PHI) is 60 days.

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CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
<b>Fruiting Vegetables (except Tomato) including:</b> Eggplant, Groundcherry, Pepino, Peppers (all), Tomatillo)	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.  The Preharvest Interval (PHI) is 20 days.
<b>Head and Stem Brassica Vegetables including :</b> Broccoli, Cabbage, Cauliflower, Brussels Sprouts	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.  The Preharvest Interval (PHI) is 30 days.
<b>Herbs including:</b> Angelica, Balm, Basil, Borage, Burnet, Camomile, Catnip, Chervil (dried), Chive, Chive, (Chinese), Clary, Coriander (leaf), costmary, Culantro (leaf), Curry (leaf), Dill (dillweed), Horehound, Hyssop, Lavender, Lovage (leaf), Marigold, Marjoram ( <i>Origanum</i> spp.), Nasturtium, Parsley (dried), Pennyroyal, Rosemary, Rue, Sage, Savory, Summer and Winter	6-8 fl. oz.	1% v/v in the finished spray volume	AgSaver Clethodim has not been tested on all herbs, and herb varieties. It is the responsibility of the user to test AgSaver Clethodim on a small portion of the crop to be treated before treating the entire field.  Crop tolerance should be verified to AgSaver Clethodim on a small area of the herb crop, at the desired AgSaver Clethodim rate and with the same crop oil concentrate that will be used on the herb field. If no crop response is evident seven (7) days after treatment, AgSaver Clethodim may be used on the entire field at the rate tested and with the same crop oil used in the tolerance test.  Do not apply more than 8 fl. oz. per acre in a single application.  For repeat applications, make on a minimum of a 14 day interval.  The Preharvest Interval (PHI) is 14 days.
<b>Hops</b>	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.  The Preharvest Interval (PHI) is 21 days.
<b>Leaf Petioles including:</b> Cardoon, Celery, Celtuice, Chinese Celery, Fennel, Florence (finochio), Rhubarb, Swiss Chard	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.  The Preharvest Interval (PHI) is 30 days.
<b>Leafy Brassica Greens including:</b> Broccoli Raab; Cabbage, Chinese (bok choy); Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Green; Turnip Greens	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.  The Preharvest Interval (PHI) is 14 days.
<b>Leafy Greens including:</b> Amaranth: Chinese Spinach, Leafy Amaranth, Tampala Arugula (roquette); Chervil, Chrysanthemum, (edible leaved). Chrysanthemum, Garland; Corn Salad; Cress: Garden, Upland (yellow rock and winter); Dandelion; Dock (sorrel); Endive (escarole); Lettuce, Head and Leaf; Orach; Parsley; Purslane: Garden, Winter; Radicchio (red chicory); Spinach: New Zealand, Vine (Indian and malabar)	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz. per acre in a single application.  For repeat applications, make on a minimum of a 14 day interval.  The Preharvest Interval (PHI) is 14 days.

CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
<b>Legume Vegetables, Edible Podded including:</b> Bean (Phaseolus spp.): Runner Snap Wax Bean (Vigna spp.): Asparagus Chinese Longbean Moth Yardlong Jackbean Pea (Pisum spp.): Dwarf Edible-pod Snow Sugar Snap Pigeon Sword Bean	6-8 fl. oz.	1 qt. by ground or 1% v/v (but not less than 1 pt. per acre) by air <sup>(5)</sup>	Do not apply more than 8 fl. oz. per acre in a single application.  Do not apply more one application per acre per season. For peas, apply before bloom, but no later than 21 days before harvest.  Refer to appropriate Table for reduced rate specifications 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 cereals, and volunteer corn.  The Preharvest Interval (PHI) is 21 days.
<b>Mint</b>	6-16 fl. oz. <sup>(4)</sup>	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 fl. oz./A in a single application.  For repeat applications make on a minimum of a 14-day interval.  The Preharvest Interval (PHI) is 21 days.
<b>Mustard Seed</b>	4-6 fl. oz.	1% v/v in the finished spray volume	Do not apply after crop has begun bolting. Crop injury may occur when AgSaver Clethodim is applied during the bloom period.  Do not apply more than 6 fl. oz. of AgSaver Clethodim (0.08 lb. ai) per acre in a single application. Do not exceed 16 fl. oz. per acre in a season.  The Preharvest Interval (PHI) is 75 days.
<b>Onions (Dry Bulbs Only), Garlic, Shallots (Dry Bulbs Only)</b>	6-16 fl. oz. <sup>(7), (8)</sup>	1% v/v in the finished spray volume	Minimum of 20 gals./A spray volume by ground in entire U.S.  Air applications to onions, garlic or shallots should be made in a minimum of 10 gals. per acre.  The Preharvest Interval (PHI) is 45 days.
<b>Onions, Green including</b> Leeks, Scallions, or Spring Onions, Japanese Bunching Onions, Green Shallots, Green Eschalots	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.  The Preharvest Interval (PHI) is 14 days.
<b>Ornamentals</b>	6-16 fl. oz.	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 gals. (0.25%v/v).  Sugar maples cannot be tapped for syrup within one year of AgSaver Clethodim application. Do not apply more than 8 fl. oz. per acre in a single application to non-bearing food crops.
<b>Non-Bearing Food Crops</b>	6-8 fl. oz. <sup>(8)</sup>		

CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
<b>Pea, Dry Shelled</b> including: Pea ( <i>Pisum spp.</i> ) Field, Pigeon	6-8 fl. oz.	1 qt. by ground or 1% v/v (but not less than 1 pt. per acre) by air. <sup>(5)</sup>	Do not apply more than 8 fl. oz. per acre per application.  Do not apply more than one (1) application per acre per season.  Apply before bloom but not later than 30 days prior to harvest. <sup>(10)</sup>  Refer to the appropriate Table for reduced rate specifications 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 cereals, and volunteer corn.  The Preharvest Interval (PHI) is 30 days.
<b>Pea, Succulent</b> including: Pea ( <i>Pisum spp.</i> ) English pea, Garden pea, Green pea, Pigeon pea	6-8 fl. oz.	1 qt. by ground or 1% v/v (but not less than 1 pt. per acre) by air. <sup>(5)</sup>	Do not apply more than 8 fl. oz. per acre per application.  Do not apply more than one (1) application per acre per season.  Apply before bloom but not later than 21 days prior to harvest. <sup>(10)</sup>  Refer to appropriate Table for reduced rate specifications 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 cereals and volunteer corn.  The Preharvest Interval (PHI) is 21 days.
<b>Peanuts (including Perennial)</b>	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	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.  The Preharvest Interval (PHI) is 40 days.
<b>Potato</b>	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	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.  The Preharvest Interval (PHI) is 30 days.
<b>Radish</b>	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.  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.  The Preharvest Interval (PHI) is 15 days.
<b>Root Vegetables (except Radish) including: Chicory, Ginseng, Horseradish, Turnip</b>	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.  The Preharvest Interval (PHI) is 30 days.
<b>Safflower</b>	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply more than 8 fl. oz. per acre in a single application.  For repeat applications make on a minimum of a 14 day interval.  The Preharvest Interval (PHI) is 70 days.

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CROPS <sup>(1)</sup>	USE RATES PER ACRE	CROP OIL CONCENTRATE RATES PER ACRE <sup>(2)</sup>	SPECIAL USE INSTRUCTIONS
<b>Sesame</b>	6-8 fl. oz.	1% v/v in the finished spray volume	Do not apply during flowering.  Do not apply more than 8 fl. oz. per acre in a single application.  For repeat applications make on a minimum of a 14 day interval.  The Preharvest Interval (PHI) is 14 days.
<b>Soybean</b>	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	Do not graze treated fields or feed treated forage or hay to livestock.  Refer to appropriate Table for reduced rate specifications 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 cereals, and volunteer corn.  The Preharvest Interval (PHI) is 60 days.
<b>Strawberry</b>	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.  The Preharvest Interval (PHI) is 4 days.
<b>Sugar Beet</b>	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	Refer to appropriate table for reduced rate specifications 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 cereals, and volunteer corn.  The Preharvest Interval (PHI) is 40 days.
<b>Sunflower</b>	6-16 fl. oz.	1 qt. by ground or 1.0% v/v (but not less than 1 pt./A) by air <sup>(5)</sup>	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.  The Preharvest Interval (PHI) is 70 days.
<b>Sweet Potato, Yam, and other tuberous and corm vegetables (except potato) including:</b> Artichoke Chinese Jerusalem Cassava Bitter Sweet Ginger	6-16 fl. oz.	1% v/v in the finished spray volume	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.  The Preharvest Interval (PHI) is 30 days.
<b>Tomato</b>	6-16 fl. oz.	1% v/v in the finished spray volume	For repeat applications make on a minimum of a 14 day interval.  The Preharvest Interval (PHI) is 20 days.

N/A= Not Applicable

<sup>(1)</sup> AgSaver Clethodim is not for use on vegetable crops being grown for seed production unless specific use directions are provided.

<sup>(2)</sup> Acceptable crop oil concentrates would be those which contain a minimum of 80% oils and 15% emulsifier. A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria: be non-phytotoxic, contain only EPA-exempt ingredients, provide good mixing quality, and be successful in local experience. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. See the ADDITION OF ADJUVANT AND CROP OIL CONCENTRATE section for further information.

<sup>(3)</sup> AgSaver Clethodim may be applied to seedling or established alfalfa grown for seed, hay, silage, green chop, or direct grazing.

<sup>(4)</sup> For weed control in established alfalfa and mint, the minimum use rate is 10 fl. oz per acre.

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- (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 AgSaver Clethodim applications in addition to the rate of crop oil concentrate.
- (6) Do not apply AgSaver Clethodim 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.
- (7) 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.
- (8) If AgSaver Clethodim 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.
- (9) Applications of AgSaver Clethodim to peas during the bloom period could result in severe crop injury, including loss of yield and delayed maturity.

**IMPORTANT:** Plant tolerance to AgSaver Clethodim 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 safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of AgSaver Clethodim have investigated the safety factor to plants not listed on the label.

**NON-BEARING FOOD CROPS**

**AGSAVER CLETHODIM 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 AgSaver Clethodim is improperly applied. AgSaver Clethodim 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 year following AgSaver Clethodim application.

COMMON NAME	SCIENTIFIC NAME
Apples	<i>Malus</i> spp.
Berries	<i>Vaccinium</i> spp. <i>Rubus</i> spp.
Cherry, Sweet	<i>Prunus avium</i>
Citrus Fruits	<i>Citrus</i> spp.
Grapes	<i>Vitis</i> spp.
Olives	<i>Olea</i> spp.
Peach	<i>Prunus persica</i>
Pears	<i>Pyrus communis</i>
Prunes	<i>Prunus</i> spp.
Stone Fruits	<i>Prunus</i> spp.
Strawberries	<i>Fragaria</i> spp.
<b>Tree Nuts:</b>	
Almonds	<i>Prunus dulcis</i>
Filbert	<i>Corylus maxima</i>
Pecan	<i>Carya illinoensis</i>
Pistachio	<i>Pistacia vera</i>
Walnut	<i>Juglans</i> spp.

**CONIFER TREES**

AgSaver Clethodim 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	<i>Thuja occidentalis</i>
Cedars	<i>Cedrus</i> spp.
Cypress	<i>Taxodium</i> spp.
Douglas Fir	<i>Pseudotsuga menziesii</i>
Firs	<i>Abies</i> spp.
Hemlock, Canadian	<i>Tsuga canadensis</i>
Hemlock, Western	<i>Tsuga heterophylla</i>
Pines	<i>Pinus</i> spp.
Spruces	<i>Picea</i> spp.
Yew	<i>Taxus</i> 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.

**SPECIFICATIONS FOR ANNUAL GRASSES  
(EXCEPT IN ESTABLISHED ALFALFA AND MINT)**

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.
- Do not apply more than 8 fl. oz./A of AgSaver Clethodim per application to the following crops: asparagus, carrot, cranberry, cucurbits, flax, fruiting vegetables, (except tomato), garden beets, green onion, head and stem brassica vegetables, herbs, hops, leaf petioles, leafy

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brassica greens, leafy greens, non-bearing food crops, root vegetables, safflower, sesame and strawberry. Do not apply more than 6 fl. oz. per acre of AgSaver Clethodim per application to canola or mustard seed.

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT* INCHES	RATE FL. OZ./ACRE	HIGH RATE <sup>(1)</sup>
BARNYARDGRASS	<i>Echinochloa crus-galli</i>	2 to 8	6	8
BROADLEAF SIGNALGRASS	<i>Brachiaria platyphylla</i>	2 to 6	6	8
BROME				
California	<i>Bromus carinatus</i>	2 to 6	6	8
Cheat	<i>Bromus secalinus</i>	2 to 6	6	8
Downy	<i>Bromus tectorum</i>	2 to 6	6	8
Ripgut	<i>Bromus diandrus</i>	2 to 6	6	8
CANARYGRASS	<i>Phalaris canariensis</i>	1 to 4	6	8
CRABGRASS				
Hairy	<i>Digitaria adscendens</i>	2 to 6**	6	8
Large	<i>Digitaria sanguinalis</i>	2 to 6**	6	8
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	6	8
Southern	<i>Digitaria ciliaris</i>	2 to 6**	6	8
CROWFOOTGRASS	<i>Dactyloctenium aegyptium</i>	2 to 6**	6	8
FALL PANICUM	<i>Panicum dichotomiflorum</i>	2 to 8	6	8
FIELD SANDBUR	<i>Cenchrus incertus</i>	2 to 6	6	8
FOXTAIL				
Giant	<i>Setaria faberi</i>	2 to 12	6	8
Green	<i>Setaria viridis</i>	2 to 8	6	8
Yellow	<i>Setaria glauca</i>	2 to 8	6	8
GOOSEGRASS	<i>Eleusine indica</i>	2 to 6**	6	8
ITCHGRASS	<i>Rottboellia cochinchinensis</i>	2 to 6	6	8
JUNGLERICE	<i>Echinochloa colona</i>	2 to 6	6	8
LOVEGRASS (Stinkgrass)	<i>Eragrostis ciliaris</i>	2 to 6	6	8
RABBITSFOOTGRASS	<i>Polypogon monspeliensis</i>	1 to 4	6	8
RED RICE	<i>Oryza sativa</i>	1 to 3	6	8
RYEGRASS				
Hardy	<i>Lolium remotum</i>	2 to 6	6	8
Italian	<i>Lolium multiflorum</i>	2 to 6	6	8
SEEDLING JOHNSONGRASS	<i>Sorghum halepense</i>	4 to 10	6	8
SHATTERCANE	<i>Sorghum bicolor</i>	6 to 18	6	8
SOUTHWESTERN CUPGRASS	<i>Eriochloa gracilis</i>	2 to 6	6	8
SPRANGLETOP				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	6	8
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	6	8
Mexican	<i>Leptochloa uninervis</i>	2 to 6	6	8
Red	<i>Leptochloa filiformis</i>	2 to 6	6	8
TEXAS PANICUM	<i>Panicum texanum</i>	2 to 6	6	8
VOLUNTEER CEREALS <sup>(2)</sup>				
Barley	<i>Hordeum vulgare</i>	2 to 6	6	8
Oats	<i>Avena sativa</i>	2 to 6	6	8
Rye	<i>Secale cereale</i>	2 to 6	6	8
Wheat	<i>Triticum aestivum</i>	2 to 6	6	8
VOLUNTEER CORN <sup>(3)</sup>	<i>Zea mays</i>	4 to 12	4	6
VOLUNTEER CORN <sup>(3)</sup>	<i>Zea mays</i>	12 to 24	6	8
VOLUNTEER CORN S.R. <sup>(4)</sup>	<i>Zea mays</i>	4 to 12	8 suppression only	
VOLUNTEER GRAIN SORGHUM	<i>Sorghum bicolor</i>	8 to 12	6	8
WILD OATS	<i>Avena fatua</i>	2 to 6	6	8
WILD PROSO MILLET	<i>Panicum miliaceum</i>	2 to 10	6	8
WITCHGRASS	<i>Panicum capillare</i>	2 to 8	6	8
WOOLLY CUPGRASS	<i>Eriochloa villosa</i>	2 to 8	6	8

\*Generally occurs between 3-leaf stage and tillering

\*\*Length of lateral growth

(1) Rates higher than 8 fl. 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 fl. oz./A may be applied. Do not apply more than 8 fl. oz./A of AgSaver Clethodim per application to the following crops: asparagus, carrot, cranberry, cucurbits, flax, fruiting vegetables (except tomato), garden beet, green onion, head and stem brassica vegetables, herbs, hops, leaf petioles, leafy brassica greens, leafy greens, non-bearing food crops, root vegetables, safflower, sesame and strawberry. Do not apply more than 6 fl. oz. per acre of AgSaver Clethodim to canola or mustard seed.

(2) 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 AgSaver Clethodim use rate for control is 8 fl. oz./A.

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

(4) Sethoxydim-resistant volunteer corn.



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**SPECIFICATIONS FOR ANNUAL & PERENNIAL GRASS CONTROL  
IN ESTABLISHED ALFALFA AND MINT WITH AGSAVER CLETHODIM**

GRASS SPECIES	WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE
Annual & Perennial Grasses Listed in Grass Table	See Table	10	16
<p><b>Mowing:</b> The best control of annual grasses can be achieved by applying AgSaver Clethodim before grass weeds are mowed. Once a grass is mowed it becomes tougher to control as much of the available leaf surface has been removed. In areas without a killing frost, some annuals can over-winter after having been mowed multiple times. These grasses form large crowns and may contain many viable buds. These grasses, even though they may be an annual grass, may require repeated applications of AgSaver Clethodim for partial or complete control.</p> <p><b>Irrigated Alfalfa and Mint:</b> Irrigation practices can be very critical to the successful use of AgSaver Clethodim in established alfalfa 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.</p> <p><b>Aerial Application:</b> Apply AgSaver Clethodim in a minimum of 10 GPA in established alfalfa and mint when applying by air.</p> <p><b>Annual Grass Control:</b> Apply AgSaver Clethodim at the grass sizes indicated in the Specifications for Annual Grass Table and rates indicated. If a grass has been cut, apply AgSaver Clethodim after active growth has resumed and regrowth 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 AgSaver Clethodim may vary from region to region.</p> <p>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.</p> <p><b>Perennial Grass Control:</b> AgSaver Clethodim effectively controls perennial grasses such as bermudagrass, johnsongrass, quackgrass, wirestem muhly, tall fescue, foxtail barley, and orchardgrass. Due in part to lack of tillage, perennial grasses are more difficult to control in a perennial crop such as established alfalfa 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.</p> <p>Always add a crop oil concentrate at 1 qt./A by ground or 1% v/v (but not less than 1 pt./A) to the finished spray volume by air.</p>			

**SPECIFICATIONS FOR ANNUAL BLUEGRASS CONTROL WITH AGSAVER CLETHODIM**

GRASS SPECIES	WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE
ANNUAL BLUEGRASS ( <i>Poa annua</i> )	to 4-leaf	6*	16
<p>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).</p> <p>Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.</p> <p>Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.</p> <p>Always add a crop oil concentrate at 1 qt./A by ground to the finished spray volume.</p>			

\* Use a minimum of 10 fl. oz. per acre to control annual bluegrass in seedling and established alfalfa and mint.

**DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES IN CANOLA, DRY SHELLLED BEAN AND PEA (INCLUDING SOYBEAN), EDIBLE PODDED LEGUME VEGETABLES, FLAX, MUSTARD SEED, SUCCULENT BEAN AND PEA AND SUGAR BEET**

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

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT (INCHES)	RATE FL. OZ./ACRE <sup>(1)</sup>
BARNYARDGRASS	<i>Echinochloa crus-galli</i>	1 to 4	4
BROADLEAF SIGNALGRASS	<i>Brachiaria platyphylla</i>	1 to 4	5
CRABGRASS			
Large	<i>Digitaria sanguinalis</i>	1 to 3*	4
Large	<i>Digitaria sanguinalis</i>	1 to 4*	5
Smooth	<i>Digitaria ischaemum</i>	1 to 3*	4
Smooth	<i>Digitaria ischaemum</i>	1 to 4*	5
Southern	<i>Digitaria ciliaris</i>	1 to 4*	5
FALL PANICUM	<i>Panicum dichotomiflorum</i>	1 to 4	4
FOXTAIL			
Giant	<i>Setaria faberi</i>	1 to 4	4
Green	<i>Setaria viridis</i>	1 to 4	4
Millet	<i>Setaria italica</i>	1 to 4	5
Yellow	<i>Setaria glauca</i>	1 to 4	4
SEEDLING JOHNSONGRASS	<i>Sorghum halepense</i>	1 to 6	5
SHATTERCANE	<i>Sorghum bicolor</i>	4 to 10	4
TEXAS PANICUM	<i>Panicum texanum</i>	1 to 4	5
VOLUNTEER CEREALS			
Barley	<i>Hordeum vulgare</i>	1 to 4	5
Oats	<i>Avena sativa</i>	1 to 4	5

GRASS SPECIES	SCIENTIFIC NAME	WEED HEIGHT (INCHES)	RATE FL. OZ./ACRE <sup>(1)</sup>
Wheat	<i>Triticum aestivum</i>	1 to 4	5
VOLUNTEER CORN**	<i>Zea mays</i>	4 to 12	4
WILD PROSO MILLET	<i>Panicum miliaceum</i>	1 to 6	4
WILD OATS	<i>Avena fatua</i>	1 to 4	5

\*Length of lateral growth

\*\*Not S. R. Corn

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

**SPECIFICATIONS FOR PERENNIAL GRASSES**

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at a maximum height.
- Do not apply more than 8 fl. oz./A of AgSaver Clethodim per application to the following crops: asparagus, carrot, cranberry, cucurbits, flax, fruiting vegetables (except tomato), garden beet, green onion, head & stem brassica vegetables, herbs, hops, leaf petioles, leafy brassica greens, leafy greens, nonbearing food crops, root vegetables, safflower, sesame and strawberry. Do not apply more than 6 fl. oz. per acre of AgSaver Clethodim per application to canola, flax, or mustard seed.

GRASS SPECIES	WEED HEIGHT (INCHES)	RATE FL. OZ./ACRE	HIGH RATE
<b>Bermudagrass (<i>Cynodon dactylon</i>)</b>			
First Application	3 (or up to 6" runners)	8	16
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16
<b>Fescue, tall (<i>Festuca arundinacea</i>)</b>			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
<b>Foxtail Barley (<i>Hordeum jubatum</i>)</b>			
First Application	2 to 6	8	16
Repeat Application(s) (if regrowth occurs)	2 to 6	8	16
<b>Orchardgrass (<i>Dactylis glomerata</i>)</b>			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
<b>Quackgrass* (<i>Elytrigia repens</i>)</b>			
First Application	4 to 12	8	16
Repeat Application(s) (if regrowth occurs)	4 to 12	8	16
<b>Rhizome Johnsongrass (<i>Sorghum halepense</i>)</b>			
First Application	12 to 24	8	16
Repeat Application(s) (if regrowth occurs)	6 to 18	6	8
<b>Wirestem Muhly (<i>Muhlenbergia frondosa</i>)</b>			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
<b>Perennial Bluegrass* ([Roughstalk (<i>Poa trivialis</i>)][Kentucky (<i>Poa pratensis</i>)]</b>			
First Application	2 to 4	8	16
Repeat Application(s) (if regrowth occurs)	2 to 4	8	16
<b>Bentgrass* (<i>Agrostis</i> spp.)</b>			
First Application	2 to 4	-	16
Repeat Application(s) (if regrowth occurs)	2 to 4	-	16

\*Control of quackgrass and perennial bluegrass and bentgrass with AgSaver Clethodim may be enhanced by adding AMS at 2.5 to 4.0 lbs./A.

**TANK MIXES  
PRODUCT INFORMATION**

The labels for each of the herbicides recommended for tank mixing with AgSaver Clethodim are unique to the characteristics of those products and contain restrictions and limitations that may be more restrictive than the AgSaver Clethodim 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. Crop rotation restrictions;
3. Applicator certification requirements;
4. Worker safety rules (e.g. protective clothing, reentry time, posting);
5. Soil type or soil characteristics (e.g. pH, OM);
6. Maximum dosage or number of applications per season;
7. Rain free period required; or
8. Application timing (e.g. pre-harvest interval)
9. Do not exceed the total season rates.

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

**TANK MIX APPLICATION OF AGSAVER CLETHODIM AND BROADLEAF HERBICIDES FOR CONTROL OF GRASSES AND BROADLEAF WEEDS**

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

**MIXING INSTRUCTIONS**

1. Fill clean spray tank 1/2 to 3/4 of desired level with clean water.
  2. While agitating, add the correct amount of AgSaver Clethodim. Agitation should create a rippling or rolling action of the water surface.
  3. If tank mixing, AgSaver Clethodim with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates, and then solutions. Prepare no more spray mixture than is required for the immediate spray operations.
  4. Add any required adjuvants (crop oil concentrates, non-ionic surfactant and/or nitrogen solution).
  5. Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied.
- Failure to agitate the spray solution may result in improper mixing of the herbicides and unsatisfactory weed control. Mixing and compatibility qualities should be verified by a jar test.

**INFORMATION ON ANTAGONISM**

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

**ALFALFA**

**Table 1. AGSAVER CLETHODIM TANK MIXES WITH BROADLEAF HERBICIDES FOR ALFALFA**

(Refer to the tables above for specific grasses and growth stages.)

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(3)</sup> (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + 2,4-DB <sup>(4)</sup>	10 to 16 fl. oz. + Refer to 2,4-DB label	10 to 16 fl. oz. + Refer to 2,4-DB label	1%	1%
AgSaver Clethodim + Pursuit DG <sup>(5)</sup> Or Pursuit <sup>(5)</sup>	10 TO 16 fl. oz. + 1.08 to 2.16 oz. or 3 to 6 fl. oz.	-	1%	1%
AgSaver Clethodim + Buctril® 2L <sup>(6)(7)</sup>	10 to 16 fl. oz. + 1.0 to 1.5 pts.	-	0.5%	0.5%

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide), according to the appropriate size and rate specifications.

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

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

<sup>(4)</sup> AgSaver Clethodim 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.

<sup>(5)</sup> Before using this tank mix, read and understand the Pursuit or Pursuit DG labels for geographical restrictions and restrictions regarding alfalfa growth stage and type. Failure to do so can result in crop injury to alfalfa. Do not feed, graze, or harvest alfalfa for 30 days following an application of Pursuit to alfalfa.

<sup>(6)</sup> In the states of Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada and the western halves of North Dakota, South Dakota, Nebraska, and Kansas: The AgSaver Clethodim plus Buctril tank mix must be applied in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 2 trifoliates. Unacceptable crop injury may occur to alfalfa seedlings less than the 2 trifoliolate leaf stage. AgSaver Clethodim plus Buctril applications made when temperatures are expected to exceed 80° F at (and 3 days following) application can result in unacceptable crop injury. In the states not listed above, apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliolate leaves. When alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to alfalfa in the 2 trifoliolate or smaller stage of growth. AgSaver Clethodim plus Buctril applications made when temperatures are expected to exceed 70°F at (and 3 days following) application can result in unacceptable crop injury. Crop leaf burn can occur following AgSaver Clethodim plus Buctril application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected.

<sup>(7)</sup> Do not apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application.

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**CANOLA**

**Table 2. REDUCED RATE AGSAVER CLETHODIM TANK MIXES WITH BROADLEAF HERBICIDES FOR LIBERTY LINK® CANOLA**  
(Refer to the tables above for specific grasses and growth stages).

PRODUCT	APPLICATION RATES/ ACRE		AMMONIUM SULFATE	
	ANNUAL GRASSES <sup>(1)</sup>	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim <sup>(2)</sup> + Liberty <sup>(3)</sup>	4 to 5 fl. oz. + 34 fl. oz.	-	3.0 lbs.	3.0 lbs.

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

<sup>(2)</sup> Do not apply AgSaver Clethodim tank mix during or after bolting or flowering or crop injury may occur.

<sup>(3)</sup> For use only on Liberty Link® canola.

**COTTON**

**Table 3. AgSaver Clethodim TANK MIXED WITH COBRA® HERBICIDE AND MSMA APPLIED POST DIRECTED TO COTTON**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONC. <sup>(3)</sup>	COMMENTS
	ANNUAL GRASSES	PERENNIAL GRASSES	V/V GROUND	
AgSaver Clethodim <sup>(4)</sup> + Cobra Herbicide + MSMA (4.0 lbs./gal.) Or MSMA (6.6 lbs./gal.)	6 to 8 fl. oz.	8 to 16 fl. oz.	1%	Reduce broadcast rate in proportion to the band area actually treated.
	See Cobra label for rates to control broadleaf weeds and height limitations for cotton. Refer to the AgSaver Clethodim label for weed height and species controlled.			
	See MSMA label for rates to control broadleaf weeds and height limitations for cotton. Refer to the AgSaver Clethodim label for weed height and species controlled.			

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide), according to the appropriate size and rate specifications.

<sup>(2)</sup> 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.

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

<sup>(4)</sup> 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 AgSaver Clethodim may be necessary.

**Table 4. AgSaver Clethodim TANK MIXED WITH BUCTRIL® 4 EC HERBICIDE TO CONTROL EMERGED WEEDS IN BXN COTTON AS A BROADCAST APPLICATION**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>	CROP OIL CONC. PER ACRE <sup>(3)</sup>	COMMENTS <sup>(7)</sup>
	ANNUAL GRASSES		
AgSaver Clethodim + Buctril 4 EC Herbicide <sup>(4,5,6)</sup>	8 to 16 fl. oz.  See Buctril 4 EC Herbicide label for rates to control broadleaf weeds and height limitations for cotton.	1 qt./A	See charts for grasses controlled.

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim at the specified rate with the appropriate amount of crop oil concentrate in a non-Buctril tank mix.

<sup>(2)</sup> 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.

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

<sup>(4)</sup> Applications of Buctril 4 EC can be made only to cotton that has been genetically modified for crop tolerance to postemergence over-the-top applications of bromoxynil.

<sup>(5)</sup> Do not apply the AgSaver Clethodim plus Buctril tank mix within 75 days of harvest.

<sup>(6)</sup> Do not exceed two applications of Buctril before cotton is 12 inches tall and one application after 12 inches tall.

<sup>(7)</sup> Use a minimum of 10 gals. of spray solution per acre.

**Table 5. AGSAVER CLETHODIM TANK MIXED WITH GLYPHOSATE TO CONTROL EMERGED GRASSES IN COTTON AS A BROADCAST APPLICATION.**

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

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim at the specified rate with the appropriate amount of crop oil concentrate.

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**DRY SHELLED AND SUCCULENT BEANS**

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

PRODUCT <sup>(2)</sup>	APPLICATION RATES PER/ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(3)</sup> (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Basagran®	8 to 10 fl. oz. + 1.0 to 2.0 pts.	10 to 16 fl. oz. +	1%	1%
		1 to 2 pts.		

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide), according to the appropriate size and rate specifications.  
<sup>(2)</sup> 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.  
<sup>(3)</sup> Always use a crop oil concentrate at the listed rate (but not less than 1 pt/A) in the finished spray volume.

**FLAX**

**Table 7. REDUCED RATE AGSAVER CLETHODIM TANK MIXES WITH BROADLEAF HERBICIDES FOR FLAX. (Refer to the tables above for specific grasses and growth stages).**

PRODUCT	APPLICATION RATES PER/ACRE		CROP OIL CONCENTRATE	
	ANNUAL GRASSES <sup>(1)</sup>	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Bronate Advanced™ <sup>(2,3)</sup>	4 to 5 fl. oz. + 11.4 fl. oz.	-	1 pt.	1 pt.
AgSaver Clethodim + Bronate® <sup>(2,3)</sup>	4 to 5 fl. oz. + 0.9 pt.	-	1 pt.	1 pt.
AgSaver Clethodim + Buctril® <sup>(2,3)</sup>	4 to 5 fl. oz. + 1.0 pt.	-	1 pt.	1 pt.
AgSaver Clethodim + Rhonox® <sup>(2,3)</sup>	4 to 5 fl. oz. + 0.25 to 0.5 pt.	-	1 pt.	1 pt.

<sup>(1)</sup> Annual grasses and sizes controlled with these tank mixtures are those that are identified in the DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES Table.  
<sup>(2)</sup> Do not apply AgSaver Clethodim tank mix during or after the bud stage or to ornamental flax or crop injury may occur.  
<sup>(3)</sup> Do not apply tank mixes if temperatures are expected to exceed 85°F at (or 3 days following) application or crop injury may occur.

**Table 8. AGSAVER CLETHODIM TANK MIXES <sup>(3)</sup> TO CONTROL ANNUAL GRASSES WHEN USED AS A BURNDOWN IN NO-TILL SOYBEANS**

PRODUCT	PRODUCT ACRE RATE <sup>(1)</sup>	GRASS HEIGHT	CROP OIL CONC. <sup>(2)</sup>	28%N OR 32%N QTS./A OR 2.5 TO 4.0 LBS. AMS
AgSaver Clethodim + 2,4-D Ester* <sup>(3)</sup>	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
	4 fl. oz.	Foxtail 1 to 4" Fall 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. a.i.	(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.  
<sup>(1)</sup> If regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim according to the appropriate size and rate specifications.  
<sup>(2)</sup> Always use a crop oil concentrate at the listed rate in the finished spray volume.  
<sup>(3)</sup> The following products can be tank mixed with AgSaver Clethodim plus 2,4-D Ester: Valor®, Authority®, Broadleaf, Canopy XL®, Dual 8 E®, Dual II®, Dual Magnum®, Prowl®, Sencor®, and Sencor plus the Dual products and Turbo®.

**Table 9. AgSaver Clethodim TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS (REFER TO THE TABLES ABOVE FOR SPECIFIC GRASSES AND GROWTH STAGES)**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONC. <sup>(3)</sup> (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Cobra® Herbicide	6 to 8 fl. oz. +	8 to 16 fl. oz. +	0.5 to 1%	1%
	12.5 fl. oz.	12.5 fl. oz.		
AgSaver Clethodim + Basagran® 4 SL	8 to 10 fl. oz. +	10 to 16 fl. oz. +	1%	1%
	1 to 2 pts.	1 to 2 pts.		
AgSaver Clethodim + Glyphosate (For use on Roundup Ready soybean only)	6 to 8 fl. oz. +	8 to 16 fl. oz. +	0.5 to 1% <sup>(4)</sup>	1% <sup>(4)</sup>
	0.75 to 3.0 lb. a.i.	0.75 to 3.0 lb. a.i.		
AgSaver Clethodim + Ultra Blazer®	6 to 8 fl. oz. +	6 to 8 fl. oz. +	0.5 to 1%	1%
	1 to 1.5 pts.	1 to 1.5 pts.		
AgSaver Clethodim	6 to 8 fl. oz.	8 to 16 fl. oz.	1%	1%

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+ Flexstar® HL Herbicide <sup>(6)</sup>	Refer to the Flexstar HL Herbicide label for specific application rates	Refer to the Flexstar HL Herbicide label for specific application rates		
AgSaver Clethodim + Classic® 25 DG	8 to 10 fl. oz. + 0.5 to 0.75 oz.	10 to 16 fl. oz. + 0.5 to 0.75 oz.	1%  1%	1%  1%
AgSaver Clethodim <sup>(4)</sup> + Pursuit® 70 DG	6 to 8 fl. oz. + 1.44 fl. oz.	8 to 16 fl. oz. + 1.44 fl. oz.	1%  1%	1%  1%
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Classic 25 DG	8 to 10 fl. oz. + 6 to 8 fl. oz. + 0.5 to 0.75 oz.	-	0.5%  1%	1%  1%
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Basagran 4 SL	8 to 10 fl. oz. + 6 to 10 fl. oz. + 1 to 1.5 pts.	-	0.5%  1%	1%  1%
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Pursuit 70 DG	8 to 10 fl. oz. + 6 to 10 fl. oz. + 1.44 fl. oz.	-	0.5%  1%	1%  1%
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Resource Herbicide	6 to 8 fl. oz. + 6 fl. oz. + 4 fl. oz.	-	0.5%  1%	1%  1%
AgSaver Clethodim <sup>(5)</sup> + FirstRate®	6 to 8 fl. oz. + 0.3 oz.	8 to 16 fl. oz. + 0.3 oz.	1%  -	-  -
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + FirstRate	6 to 8 fl. oz. + 6 to 8 fl. oz. + 0.3 oz.	8 to 16 fl. oz. + 6 to 8 fl. oz. + 0.3 oz.	1%  -	-  -
AgSaver Clethodim <sup>(5)</sup> + Raptor® (1 AS)	6 to 8 fl. oz. + 4 to 5 fl. oz.	-	1%  -	-  -
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Raptor (1 AS)	6 to 8 fl. oz. + 6 to 8 fl. oz. + 4 to 5 fl. oz.	-	1%  -	-  -
AgSaver Clethodim <sup>(5)</sup> + Synchrony® STS™	6 to 8 fl. oz. <sup>(7)</sup> + 0.5 oz./A	-	1 qt./A	-
AgSaver Clethodim <sup>(5)</sup> + Cobra Herbicide + Synchrony STS	6 to 8 fl. oz. <sup>(7)</sup> + 4 to 8 fl. oz. + 0.5 oz.	-	1 pt./A	-
AgSaver Clethodim <sup>(5)</sup> + Resource Herbicide	6 to 8 fl. oz. + 4 to 12 fl. oz.	-	1 qt./A	-
AgSaver Clethodim <sup>(5)</sup> + Frontrow™	8 to 10 fl. oz. + Refer to Frontrow label for use rates	-	1%  -	-  -
AgSaver Clethodim + Firstrate + Flexstar HL <sup>(5)</sup>	6 to 8 fl. oz. + 0.3 oz. + Refer to the Flexstar HL label for specific application rates.	8 to 16 fl. oz. + 0.3 oz. + Refer to the Flexstar HL label for specific application rates	1%  -	-  -

<sup>(1)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide) according to the appropriate size and rate specifications.

<sup>(2)</sup> 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.

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- (3) Always use a crop oil concentrate at the listed rate (but not less than 1 pt./A) in the finished spray volume.
- (4) The addition of 2.5 lb. of ammonium sulfate is required when product is tank mixed with glyphosate. If the glyphosate formulation has a stand alone built in adjuvant, add 0.125% V/V non-ionic surfactant in place of crop oil concentrate. If the glyphosate formulation does not have a built adjuvant system, add 0.5 to 1.0 % crop oil concentrate for ground application and 1.0% V/V for aerial application.
- (5) The addition of 1 to 2 qts. per acre of liquid fertilizer (10-34-0, 28%N, or 32%N) is recommended when AgSaver Clethodim is tank mixed with Pursuit, Resource, 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/acre) of spray grade ammonium sulfate (AMS) may be added in place of liquid fertilizer. Fertilizer adjuvants are to added in addition to the crop oil concentrate.
- (6) Refer to Flexstar HL label for geographic and rotational restrictions.
- (7) Annual grasses and sizes controlled with these tank mixtures are those which are identified in the DIRECTIONS FOR REDUCED RATE ITO CONTROL SMALL ANNUAL GRASSES table.

**Table 10. REDUCED RATE AGSAVER CLETHODIM TANK MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN (Refer to table for reduced rate use in canola, dry shelled bean & pea, edible podded legume vegetables, flax, mustard seed, soybean, succulent bean & pea and sugar beet for small annual grasses for specific grasses and growth stages)**

PRODUCT	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(3,4)</sup> (V/V)	
	ANNUAL GRASSES <sup>(2)</sup>	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Firstrate	4 to 8 fl. oz. + 0.3 oz.	-	1%	1%
AgSaver Clethodim + Pursuit 70 DG	4 to 6 fl. oz. + 1.44 oz.	-	1%	1%

- (1) If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide), according to the appropriate size and rate specifications.
- (2) Annual grasses and sizes controlled with these tank mixtures are those that are identified in the DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES Table.
- (3) Always use a crop oil concentrate at the listed rate (but not less than 1 pt. per acre) in the finished spray volume.
- (4) The addition of 1 to 2 qts. per acre of liquid fertilizer (10-34-0, 28% N, or 32%N) is required when AgSaver Clethodim is tank mixed at reduced rates. 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.

**PEANUT (INCLUDING PERENNIAL)**

**Table 11. AGSAVER CLETHODIM TANK MIXES WITH BROADLEAF HERBICIDES FOR PEANUT (Refer to the tables above for specific grasses and growth stages.)**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(3)</sup> (V/V)	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Basagran	8 to 10 fl. oz. + 1.0 to 2.0 pts.	-	1%	1%
AgSaver Clethodim + Ultra Blazer	8 to 10 fl. oz. + 0.5 to 1.5 pts.	-	1%	1%
AgSaver Clethodim + Storm	8 to 10 fl. oz. + 1.5 pts.	-	1%	1%

- (1) If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide), according to the appropriate size and rate specifications.
- (2) Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage. Tank mixing is not recommended in these situations.
- (3) Always use a crop oil concentrate at the listed rate (but not less than 1 pt./A) in the finished spray volume.

SPECIFICATIONS FOR GRASS SUPPRESSION FOR HARVEST EFFICIENCY IN PEANUT (INCLUDING PERENNIAL) WITH AGSAVER CLETHODIM			
GRASS SPECIES	WEED STAGE	RATE FL. OZ. / ACRE	HIGH RATE
Annual and perennial grasses that exceed height claimed for control on height charts "SPECIFICATIONS FOR ANNUAL GRASSES AND SPECIFICATIONS FOR PERENNIAL GRASSES"	Up to and including grasses in the seed head stage.	16	32
Do not apply as part of a tank mix when applying AgSaver Clethodim for grass suppression. Add a crop oil concentrate at 1 qt./A by ground to the finished spray volume.			

**Table 12. AGSAVER CLETHODIM TANK MIXED WITH STINGER HERBICIDE APPLIED TO SUGAR BEETS (Refer to the tables above for specific grasses and growth stages)**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONC. <sup>(3)</sup>	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + Stinger Herbicide	6 to 8 fl. oz. See Stinger Herbicide label for rates.	8 to 16 fl. oz.	1% v/v	

- (1) If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix herbicide) according to the appropriate size and rate specifications.
- (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.
- (3) Always use a crop oil concentrate at the listed rate (but not less than 1 pt./A) in the finished spray volume.

**Table 13. AgSaver Clethodim TANK MIXED WITH BETAMIX OR BETANEX APPLIED TO SUGAR BEETS**

PRODUCT <sup>(2)</sup>	WEEDS CONTROLLED		WEED HEIGHT	APPLICATION RATE/ACRE <sup>(1)</sup>
	Common Name	Scientific Name		
AgSaver Clethodim <sup>(3)</sup> +	Barnyardgrass	<i>Echinochloa crus-galli</i>	1 to 3"	8 fl. oz.
	Foxtail	<i>Setaria</i> spp.	1 to 3"	
	Foxtail Millet	<i>Setaria italica</i>	1 to 3"	
	Wild Oat	<i>Avena fatua</i>	1 to 3"	
	Wild Proso Millet	<i>Panicum miliaceum</i>	1 to 3"	
Betamix or			See Betamix label for rates to control broadleaf weeds. <b>No additives are recommended in the tank mix.</b>	
Betanex			See Betanex label for rates to control broadleaf weeds. <b>No additives are recommended in the tank mix.</b>	

<sup>(1)</sup> Do not use crop oil concentrate. No additives are recommended in the tank mix.

<sup>(2)</sup> 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.

<sup>(3)</sup> If grass regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim at full label rate with appropriate rate of crop oil concentrate.

**Table 14. AgSaver Clethodim PLUS BETANEX OR BETAMIX TANK MIX FOR THREE SEQUENTIAL APPLICATIONS FOR ANNUAL GRASS CONTROL (MICRO-RATE APPLICATION).**

PRODUCT	APPLICATION RATES/ACRE <sup>(1)</sup>		METHYLATED SEED OIL <sup>(2)</sup> (V/V)	
	ANNUAL GRASSES	GRASSES CONTROLLED (inches)	GROUND	AIR
AgSaver Clethodim + Betanex or Betamix	2 to 3 fl. oz. + 8 to 12 fl. oz. <sup>(3)</sup> or 8 to 12 fl. oz. <sup>(3)</sup>	Green Foxtail (1-2) Yellow Foxtail (1-2) Barnyardgrass (1-2) Wild Oat (1-2) Volunteer Cereals (1-2)	1.5%	1.5%

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

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

<sup>(3)</sup> Use 8 fl. oz/A rate when sugar beets are in the cotyledon to 4 leaf stage. Rate can be increased up to 12 fl. oz/A when the smallest sugar beet plants in the field are in the 4 true leaf stage.

**Directions for Use for Micro-Rate Applications to Sugar Beet**

**Product Information**

Multiple micro-rate applications of AgSaver Clethodim in tank mixtures with reduced rates of Betanex or Betamix and methylated seed oils may be applied by air or ground equipment to sugar beet to control early germinating annual grasses listed above. The rate of Betanex or Betamix must not exceed 0.12 lb. a.i./A (broadcast application) when in combination with these spray adjuvants. Note that maximum rate allowed varies depending on crop growth stage. The use of wetting agents or spray adjuvants with conventional rates (0.73 to 1.22 lb. a.i./A) or multiple low rate (0.24 to 0.73 lb. a.i. /A) applications of Betanex or Betamix is prohibited on the Betanex and Betamix master label. Favorable climatic conditions (good conditions for plant growth and development) are essential for adequate weed control. All use precautions and restrictions on the Betanex and Betamix master labels must be followed.

**Directions for Using Micro-Rate Multiple Applications of AgSaver Clethodim Tank Mixes**

Apply AgSaver Clethodim in broadcast applications only at a rate of 2 to 3 fl. oz/A in tank mixture with either Betanex or Betamix following the directions for use on the tank mix partner label. A minimum of three sequential applications of 2 fl. oz./A or a minimum of 2 sequential applications of 3 fl. oz/A should be utilized for AgSaver Clethodim tank mixtures. A minimum of 3 sequential applications of Betamix or Betanex should be used. Accurate timing is essential; make initial application immediately after weeds emerge, and make repeat applications on 5 to 7 days intervals. If weed control is not adequate due to climatic conditions, spray coverage or other factors, return to conventional application rates of AgSaver Clethodim (6 to 8 fl. oz/A) and add rates of Betanex or Betamix as directed on their label. When using conventional rates of Betanex or Betamix in tank mixtures with AgSaver Clethodim, a spray adjuvant is not recommended.

**Use Precautions for Micro-Rate Applications: (See AgSaver Clethodim, Betanex, and Betamix master label for further use precautions.)**

Not all weeds will be adequately controlled, even with favorable climatic conditions. Conventional rates of AgSaver Clethodim, Betanex, or Betamix and/or hand labor may be required if multiple micro-rate applications do not adequately control weeds. Plugging of spray nozzles may be encountered due to the potential for formation of a precipitate in the spray solution that is often associated with micro-rate applications. AGSAVER™, LLC will not be responsible for any nozzle plugging that may occur with the use of multiple micro-rate applications. Methylated seed oils must not be added if the Betanex or Betamix rate exceeds 0.12 lb a.i./A broadcast, as the addition of methylated seed oils could increase the possibility of crop injury at dosage rates greater than 0.12 lb a.i./A.

**GROUND APPLICATION**

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 10 gals. and a maximum of 20 gals. of spray solution per acre. Spray pressures should reflect a minimum of 30 psi and a maximum of 60 psi at the nozzle. Do not use flood nozzles.

**AERIAL APPLICATION**

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



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**Table 15. TANK MIX APPLICATION OF AGSAVER CLETHODIM AND FUNGICIDES FOR CONTROL OF GRASS WEEDS AND DISEASES IN SUGAR BEET.**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(3)</sup> (V/V)
	Annual Grasses	Perennial Grasses	
AgSaver Clethodim + Eminent®	6 to 8 fl. oz. + 13 fl. oz.	8 to 16 fl. oz. + 13 fl. oz.	1%

<sup>(1)</sup> If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix fungicide) according to the appropriate size and rate specifications.

<sup>(2)</sup> Refer to AgSaver Clethodim and fungicide label for rates and weeds and diseases controlled.

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

**Table 16. TANK MIX APPLICATION OF AGSAVER CLETHODIM AND INSECTICIDES FOR CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA, COTTON, MINT, PEANUT (INCLUDING PERENNIAL), SOYBEANS, AND SUNFLOWER**

PRODUCT <sup>(2)</sup>	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONC. <sup>(3)</sup> V/V	ALLOWABLE CROP					
	ANNUAL GRASSES	PERENNIAL GRASSES		Alfalfa <sup>(4)</sup>	Cotton	Mint <sup>(4,5)</sup>	Peanut	Soybean	Sunflower
AgSaver Clethodim + Orthene® 75 S Or Orthene 97	6 to 8 fl. oz. + 0.33 to 1.33 lbs. Or 0.25 to 1.0 lb	8 to 16 fl. oz. + 0.33 to 1.33 lbs. Or 0.25 to 1.0 lb.	1%		X	X	X		
AgSaver Clethodim + Orthene 90 S <sup>(6)</sup>	6 to 8 fl. oz. + 0.25 to 1 lb.	8 to 16 fl. oz. + 0.25 to 1 lb.	1%		X	X	X	X	
AgSaver Clethodim + Danitol® 2.4 EC	6 to 8 fl. oz. + 10 ¾ to 16 fl. oz.	8 to 16 fl. oz. + 10 ¾ to 16 fl. oz.	1%		X		X		
AgSaver Clethodim + Asana XL®	6 to 8 fl. oz. + Refer to Asana XL label	8 to 16 fl. oz. + Refer to Asana XL label	1%						X
AgSaver Clethodim + Warrior®	6 to 8 fl. oz. + Refer to Warrior label	8 to 16 fl. oz. + Refer to Warrior label	1%						X
AgSaver Clethodim + Warrior	10 to 16 fl. oz. <sup>(7)</sup> + Refer to Warrior label	10 to 16 fl. oz. + Refer to Warrior label	1%	X					
AgSaver Clethodim + Baythroid®	10 to 16 fl. oz. <sup>(7)</sup> + Refer to Baythroid label	10 to 16 fl. oz. + Refer to Baythroid label	1%	X					
AgSaver Clethodim + Dimethoate®	10 to 16 fl. oz. <sup>(7)</sup> + Refer to Dimethoate label	10 to 16 fl. oz. + Refer to Dimethoate label	1%	X					
AgSaver Clethodim + Lorsban®	10 to 16 fl. oz. <sup>(7)</sup> + Refer to Lorsban label	10 to 16 fl. oz. + Refer to Lorsban label	1 to 2 pt. <sup>(8)</sup>	X					
AgSaver Clethodim + Pounce®	10 to 16 fl. oz. <sup>(7)</sup> + Refer to Pounce label	10 to 16 fl. oz. + Refer to Pounce label	1%	X					

<sup>(1)</sup> If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of AgSaver Clethodim alone (without a tank mix insecticide) according to the appropriate size and rate specifications.

<sup>(2)</sup> Refer to the AgSaver Clethodim and insecticide label for rates, weeds, and insects controlled.

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

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- (4) Certain insecticides may cause temporary phytotoxic symptoms on alfalfa and 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.
- (5) The AgSaver Clethodim rate should be 6 to 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.
- (6) 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.
- (7) The AgSaver Clethodim rate should be 6 to 8 fl. oz /A for annual grass control in seedling alfalfa.
- (8) For the AgSaver Clethodim plus Lorsban tank mix, reduce the adjuvant rate down to 1.0 pt. /A when the Lorsban rate is 1.0 pt /A or higher.

**Table 17. SPECIFICATIONS FOR ROUNDUP READY® VOLUNTEER CORN CONTROL IN ROUNDUP READY SOYBEANS WITH AGSAVER CLETHODIM TANK MIX**

Roundup Ready Volunteer Corn Height (inches)	AGSAVER CLETHODIM Rate fl. oz. / A	Glyphosate <sup>(1)</sup> rate for formulations <u>with</u> built in adjuvant	Adjuvant
< 12	4	1.0 to 2.0 lb. ai./A (Approximately equivalent to 22 to 44 fl. oz./A of Roundup Weather Max	Non-ionic surfactant @ 0.125 to 0.25% v/v plus ammonium sulfate @ 8.5 to 17 lbs. per 100 gals. / of carrier
12 to 18	5		
18 to 24	6		
Roundup Ready Volunteer Corn Height (inches)	AGSAVER CLETHODIM Rate fl. oz. / A	Glyphosate <sup>(1)</sup> rate for formulations <u>without</u> built in adjuvant	Adjuvant
< 12	4	Up to 2.0 lb. ai./A (Equivalent to 32 to 64 fl. oz./A of Roundup Original)	Crop oil concentrate @ 1 pt./A plus ammonium sulfate @ 8.5 to 17 lbs. per 100 gals. of carrier
12 to 18	5		
18 to 24	6		

<sup>(1)</sup> Glyphosate formulation must be labeled for use on Roundup Ready soybean.

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

- Apply only to actively growing grass and broadleaf weeds at specified height or growth stage listed on each label.
- Apply under favorable soil moisture and humidity which exist a few days after rainfall or within seven days after irrigation.
- Tank mix applications may sometimes result in reduced grass control. If regrowth occurs or an additional flush of new grass emerges, make a second application of AgSaver Clethodim as specified in the respective size and rate tables.
- Do not tank mix AgSaver Clethodim when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.
- This tank mix may be applied postemergence to Roundup Ready soybeans up through the full flowering stage. Do not apply less 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 severe injury or destruction will result.
- Do not allow the AgSaver Clethodim plus Roundup to mist, drip, drift, or splash onto desirable vegetation as minute quantities of the tank mix can cause severe damage or destruction to the crops, plants, or other areas on which treatment was not intended. The likelihood of injury occurring from drift of this product is greatest when winds are gusty or in excess of 5 miles per hour. Even under lesser wind velocities, avoid 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.

**FALLOW LAND DIRECTIONS FOR USE**

AgSaver Clethodim 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 AgSaver Clethodim at 6 to 8 fl. oz./A for annual grasses and 8 to 16 fl. oz./A for perennial grasses. When both grass and broadleaf weeds are the target pest, AgSaver Clethodim 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 fl. oz./A AgSaver Clethodim.

**PRODUCT 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 weed height as specified by the SPECIFICATIONS FOR ANNUAL AND PERENNIAL GRASSES section of this label.
- Annual grasses which emerge after the AgSaver Clethodim 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 AgSaver Clethodim is registered for use in that crop.
- Do not apply to grasses that have tillered, formed seedheads, or exceeded specified growth stage.
- Do not use flood jet nozzles.
- Do not apply to drought-stressed grasses.
- Do not mow area for two weeks prior to or after the AgSaver Clethodim application.

**AGSAVER CLETHODIM IN TANK MIXES TO CONTROL ANNUAL AND PERENNIAL GRASSES IN FALLOW LAND**

PRODUCT	APPLICATION RATES/ACRE <sup>(1)</sup>		CROP OIL CONCENTRATE <sup>(2)</sup>	
	ANNUAL GRASSES	PERENNIAL GRASSES	GROUND	AIR
AgSaver Clethodim + 2,4-D Ester or Banvel SGF	6 to 8 fl. oz. + 0.5 lb per acre or See Banvel SGF label for rates.	8 to 16 fl. oz.	1% v/v	

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- (1) Refer to AgSaver Clethodim 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 spray volume.

SPECIFICATIONS FOR GRASS SUPPRESSION IN NON-CROP AREAS WITH AGSAVER CLETHODIM			
GRASS SPECIES	WEED STAGE	RATE FL. OZ. /ACRE	HIGH RATE
Annual and perennial grasses that exceed height claimed for control on height chart above.	Up to and including grasses in the seed head stage.	12	16
Do not apply as part of a tank mix when applying AgSaver Clethodim for grass suppression. Add a crop oil concentrate at 1 qt./A. by ground to the finished spray volume.			

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

PRODUCT	PRODUCT RATE	GRASS WEEDS CONTROLLED/SUPPRESSED		WEED STAGE
		COMMON NAME	SCIENTIFIC NAME	
AgSaver Clethodim	10 to 12 fl. oz./A	Tall Fescue	<i>Festuca arundinacea</i>	4 to 6 in. (40 to 60% green-up)
<b>Adjuvant:</b> AgSaver Clethodim must be applied with crop oil concentrate at 1 qt./A, plus a spray grade ammonium sulfate at 2.5 to 4 lbs./A. <b>Recommended Mixing Order:</b> Thoroughly mix spray grade ammonium sulfate in water, add AgSaver Clethodim, 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 AgSaver Clethodim 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 jet nozzles.
- Apply only to fields that have warm-season grasses established for two years. Applications of AgSaver Clethodim 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 AgSaver Clethodim is registered for use in that crop.

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

**AGSAVER CLETHODIM FOR THE SUPPRESSION OF TALL FESCUE SEEDHEADS IN NON-PRODUCING AGRICULTURAL AREAS**

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

**SPECIAL APPLICATION INSTRUCTIONS/PRECAUTIONS**

Apply at 50 to 90% tall fescue green-up.  
Use the higher AgSaver Clethodim rate if less tall fescue green matter is present.  
Do not mow area for 2 weeks after the AgSaver Clethodim 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.  
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 AgSaver Clethodim is registered for use in that crop.

**DIRECTIONS FOR USE IN ORNAMENTALS**

For ornamental plant uses, AgSaver Clethodim 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:** AgSaver Clethodim successfully controls weeds in newly transplanted and established non-grassy ornamentals. Plant tolerance to AgSaver Clethodim 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 safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of AgSaver Clethodim has investigated the safety factor to ornamental plants not listed on the label.

The following plants have shown a tolerance for AgSaver Clethodim applications:

**ORNAMENTAL TREES**

COMMON NAME	SCIENTIFIC NAME
ALDER, RED	<i>Alnus oregona</i>
ASH	<i>Fraxinus</i> spp.
BASSWOOD	<i>Tilia</i> spp.
BIRCH, EUROPEAN WHITE	<i>Betula pendula</i>
BIRCH, RIVER	<i>Betula nigra</i>
BIRCH, WHITE	<i>Betula papyrifera</i>

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CRABAPPLE, FLOWERING	<i>Malus halliana</i>
DOGWOOD, FLOWERING	<i>Cornus florida</i>
GOLDEN CHAIN TREE	<i>Laburnum anagyroides</i>
MAPLES	<i>Acer spp.</i>
MULBERRY, WHITE	<i>Morus alba</i>
OAKS	<i>Quercus spp.</i>
OLIVE, WILD	<i>Elaeagnus angustifolia</i>
REDBUD, EASTERN	<i>Cercis canadensis</i>
SWEET GUM, AMERICAN	<i>Liquidambar styraciflua</i>

**GARDEN FLOWERS AND PLANTS**

AGERATUM	<i>Ageratum spp.</i>
ALYSSUM*, SWEET	<i>Lobularia maritima</i>
ASPARAGUS FERN	<i>Asparagus setaceus</i>
BLEEDING HEART	<i>Dicentra spectabilis</i>
CAST IRON PLANT	<i>Aspidistra elatior</i>
CHRYSANTHEMUM	<i>Chrysanthemum spp.</i>
CINQUEFOIL	<i>Potentilla spp.</i>
COLEUS	<i>Coleus spp.</i>
CORALBELLS	<i>Heuchera sanguinea</i>
CRANESBILL	<i>Geranium spp.</i>
DAHLIA	<i>Dahlia spp.</i>
DAISY, AFRICAN	<i>Osteospermum fruticosum</i>
DAYLILY	<i>Hemerocallis spp.</i>
DUSTY MILLER	<i>Senecio cineraria</i>
EUONYMUS	<i>Euonymus spp.</i>
GAZANIA	<i>Gazania spp.</i>
GERANIUM, HOUSE	<i>Pelargonium hortorum</i>
HEATHER, FALSE	<i>Cuphea hyssopifolia</i>
HOSTA	<i>Hosta fortunei</i>
IRIS	<i>Iris spp.</i>
JASMINE TOBACCO	<i>Nicotiana glauca</i>
LOOSESTRIFE	<i>Lythrum salicaria</i>
MARIGOLD	<i>Tagetes spp.</i>
PARTRIDGEBERRY	<i>Mitchella repens</i>
PETUNIA*	<i>Petunia hybrida</i>
PHLOX	<i>Phlox spp.</i>
PINKS	<i>Dianthus spp.</i>
PORTULACA	<i>Portulaca grandiflora</i>
SALVIA	<i>Salvia spp.</i>
SAXIFRAGE	<i>Saxifraga spp.</i>
SEDUM	<i>Sedum spp.</i>
SELLOUM	<i>Philodendron selloum</i>
SNAPDRAGON*	<i>Antirrhinum majus</i>
SWEET FLAG	<i>Acorus gramineus</i>
TICKSEED	<i>Coreopsis grandiflora</i>
TOUCH-ME-NOT	<i>Impatiens spp.</i>
VERBENA	<i>Verbena spp.</i>
VIOLET	<i>Viola spp.</i>
YARROW, COMMON	<i>Achillea millefolium</i>
ZINNIA	<i>Zinnia elegans</i>

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

**GROUND COVERS**

BUGLEWEED, CARPET	<i>Ajuga reptans</i>
IVY, ENGLISH	<i>Hedera helix</i>
JAPANESE SPURGE	<i>Pachysandra terminalis</i>
LILYTURF	<i>Liriope muscari</i>
MONEYWORT	<i>Lysimachia nummularia</i>
MONDO GRASS, WHITE	<i>Ophiopogon jaburan</i>
MONDO GRASS, DWARF	<i>Ophiopogon japonicus</i>
PERIWINKLE, LESSER	<i>Vinca minor</i>

**SHRUBS**

ABELIA	<i>Abelia spp.</i>
ANISE, PURPLE	<i>Illicium floridanum</i>
AUCUBA	<i>Aucuba spp.</i>
AZALEA*	<i>Rhododendron spp.</i>
BAMBOO	<i>Bambusa spp.</i>

BARBERRY, JAPANESE	<i>Berberis thunbergii</i>
BARBERRY, MAGELLAN	<i>Berberis buxifolia</i>
BAYBERRY	<i>Myrica pensylvanica</i>
BOTTLEBRUSH	<i>Callistemon citrinus</i>
BOXWOOD, COMMON	<i>Buxus sempervirens</i>
CAMELLIA, COMMON	<i>Camellia japonica</i>
CANDYTUFT	<i>Iberis sempervirens</i>
CLEYERA	<i>Cleyera japonica</i>
CORALBERRY	<i>Ardisia crenata</i>
CRAPE MYRTLE	<i>Lagerstroemia indica</i>
COYOTE BRUSH	<i>Baccharis pilularis</i>
FIG, CREEPING	<i>Ficus pumila</i>
GARDENIA	<i>Gardenia</i> spp.
HOLLY	<i>Ilex</i> spp.
HONEYSUCKLE	<i>Lonicera pileata</i>
INDIAN HAWTHORN	<i>Raphiolepis indica</i>
JASMINE	<i>Jasminum</i> spp.
JASMINE, ASIATIC	<i>Trachelospermum asiaticum</i>
JASMINE, STAR	<i>Trachelospermum jasminoides</i>
JUNIPER	<i>Juniperus</i> spp.
LANTANA	<i>Lantana</i> spp.
NANDINA* BAMBOO, HEAVENLY	<i>Nandinia domestica</i>
OLEANDER, COMMON	<i>Nerium oleander</i>
OREGON GRAPE	<i>Mahonia aquifolium</i>
PHOTINIA	<i>Photinia</i> spp.
PITTOSPORUM	<i>Pittosporum</i> spp.
PODOCARPUS	<i>Podocarpus</i> spp.
PRIVET	<i>Ligustrum</i> spp.
PYRACANTHA	<i>Pyracantha</i> spp.
RHODODENDRON	<i>Rhododendron</i> spp.
ROSE	<i>Rosa</i> spp.
SPIREA	<i>Spiraea bumalda</i>
SWEET OLIVE	<i>Osmanthus fragrans</i>
TEA OLIVE	<i>Osmanthus fragrans</i>
VIBURNUM	<i>Viburnum tinus</i>
WISTERIA	<i>Wisteria</i> spp.
YELLOW SAGE/SHRUB VERBENA	<i>Lantana camara</i>

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

**SPECIFICATIONS FOR ANNUAL GRASSES IN ORNAMENTALS**

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

GRASS SPECIES	SCIENTIFIC NAME	WEED* HEIGHT INCHES	RATE FL. OZ./ACRE <sup>(1)</sup>	HIGH RATE <sup>(2)</sup>
BARNYARDGRASS	<i>Echinochloa crus-galli</i>	2 to 8	8	16
BROADLEAF SIGNALGRASS	<i>Brachiaria platyphylla</i>	2 to 6	8	16
BROME				
California	<i>Bromus carinatus</i>	2 to 6	8	16
Cheatgrass	<i>Bromus secalinus</i>	2 to 6	8	16
Downy	<i>Bromus tectorum</i>	2 to 6	8	16
Ripgut	<i>Bromus diandrus</i>	2 to 6	8	16
CANARYGRASS	<i>Phalaris canariensis</i>	1 to 4	8	16
CRABGRASS				
Hairy	<i>Digitaria adscendens</i>	2 to 6**	8	16
Large	<i>Digitaria sanguinalis</i>	2 to 6**	8	16
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	8	16
Southern	<i>Digitaria ciliaris</i>	2 to 6**	8	16
CROWFOOTGRASS	<i>Dactyloctenium aegyptium</i>	2 to 6**	8	16
FALL PANICUM	<i>Panicum dichotomiflorum</i>	2 to 8	8	16
FIELD SANDBUR	<i>Cenchrus incertus</i>	2 to 6	8	16
FOXTAIL				
Giant	<i>Setaria faberi</i>	2 to 12	8	16
Green	<i>Setaria viridis</i>	2 to 8	8	16
Yellow	<i>Setaria glauca</i>	2 to 8	8	16

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FOXTAIL BARLEY	<i>Hordeum jubatum</i>	2 to 6	8	16
GOOSEGRASS	<i>Eleusine indica</i>	2 to 6**	8	16
ITCHGRASS	<i>Rottboellia exaltata</i>	2 to 6	8	16
JUNGLERICE	<i>Echinochloa colona</i>	2 to 6	8	16
LOVEGRASS (Stinkgrass)	<i>Eragrostis ciliaris</i>	2 to 6	8	16
RABBITSFOOTGRASS	<i>Polypogon monspeliensis</i>	1 to 4	8	16
RED RICE	<i>Oryza sativa</i>	1 to 3	8	16
RYEGRASS				
Hardy	<i>Lolium remotum</i>	2 to 6	8	16
Italian	<i>Lolium multiflorum</i>	2 to 6	8	16
SEEDLING JOHNSONGRASS	<i>Sorghum halepense</i>	4 to 10	8	16
SHATTERCANE	<i>Sorghum bicolor</i>	6 to 18	8	16
SOUTHWESTERN CUPGRASS	<i>Eriochloa gracilis</i>	2 to 6	8	16
SPRANGLETOP				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	8	16
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	8	16
Mexican	<i>Leptochloa uninervis</i>	2 to 6	8	16
Red	<i>Leptochloa filiformis</i>	2 to 6	8	16
TEXAS PANICUM	<i>Panicum texanum</i>	2 to 6	8	16
VOLUNTEER CEREALS				
Barley	<i>Hordeum vulgare</i>	2 to 6	8	16
Oats	<i>Avena sativa</i>	2 to 6	8	16
Rye	<i>Secale cereale</i>	2 to 6	8	16
Wheat	<i>Triticum aestivum</i>	2 to 6	8	16
VOLUNTEER CORN	<i>Zea mays</i>	4 to 12	6	8
VOLUNTEER CORN	<i>Zea mays</i>	12 to 24	8	16
VOLUNTEER GRAIN SORGHUM	<i>Sorghum bicolor</i>	8 to 12	8	16
WILD OATS	<i>Avena fatua</i>	2 to 6	8	16
WILD PROSO MILLET	<i>Panicum miliaceum</i>	2 to 10	8	16
WITCHGRASS	<i>Panicum capillare</i>	2 to 8	8	16
WOOLLY CUPGRASS	<i>Eriochloa villosa</i>	2 to 8	8	16

\*Generally occurs between 3-leaf stage and tillering.

\*\*Length of lateral growth.

(1) 8 fl. oz./A=approximately 0.2 fl. oz./1000 sq. ft.

(2) 16 fl. oz./A=approximately 0.4 fl. oz./1000 sq. ft.

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

**SPECIFICATIONS FOR ANNUAL BLUEGRASS CONTROL WITH AGSAVER CLETHODIM IN ORNAMENTALS**

GRASS SPECIES	WEED STAGE	RATE FL. OZ. ACRE	HIGH RATE
ANNUAL BLUEGRASS ( <i>Poa annua</i> )	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.			
Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v).			

**SPECIFICATIONS FOR PERENNIAL GRASSES**

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

GRASS SPECIES	WEED HEIGHT INCHES	RATE FL. OZ./ACRE <sup>(1)</sup>	HIGH RATE <sup>(2)</sup>
<b>Bermudagrass (<i>Cynodon dactylon</i>)</b>			
First Application	3 (or up to 6" runners)	8	16
Repeat Application(s) (if regrowth occurs)	3 (or up to 6" runners)	8	16
<b>Quackgrass (<i>Agropyron repens</i>)</b>			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16
<b>Rhizome Johnsongrass (<i>Sorghum halepense</i>)</b>			
First Application	12 to 24	8	16
Repeat Application(s) (if regrowth occurs)	6 to 18	6	8
<b>Wirestem Muhly (<i>Muhlenbergia frondosa</i>)</b>			
First Application	4 to 8	8	16
Repeat Application(s) (if regrowth occurs)	4 to 8	8	16

(1) 8 fl. oz./A=approximately 0.2 fl. oz./1000 sq. ft.

(2) 16 fl. oz./A=approximately 0.4 fl. oz./1000 sq. ft.

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

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**STORAGE AND DISPOSAL**

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

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

**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:**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture or dispose of in a sanitary landfill, or by incinerations, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY**

Seller warrants that this product conforms with its specifications and is reasonably fit for the purposes stated on the label when used in accordance with its directions under normal conditions of use. To the extent consistent with applicable law, buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty of fitness or merchantability and no agent or reseller is authorized to do so except by Seller in writing with a specific reference to this warranty. To the extent consistent with applicable law, in no event shall Seller's liability for any breach of warranty exceed the purchase price of the material on which claim is made.

- BANVEL®-Reg. TM of BASF Corporation
- BASAGRAN®-Reg. TM of BASF AG.
- BAYTHROID®-Reg. TM Bayer Corporation
- BETAMIX®-Reg. TM of The Aventis Group
- BETANEX®-Reg. TM of The Aventis Group
- BLAZER®-Reg. TM of BASF Corporation
- BUCTRIL®-Reg. TM of Rhone-Poulenc
- CLASSIC®-Reg. TM of E.I. duPont de Nemours & Co. Inc.
- COBRA®-Reg. TM of Valent U.S.A. Corporation
- DANITOL®-Reg. TM of Sumitomo Chemical Co., Ltd.
- DUAL®, DUAL II® and DUAL MAGNUM® -Reg. TMs of Novartis Crop Protection, Inc.
- FIRSTRATE®-Reg. TM of Dow AgroSciences LLC
- FLEXSTAR®-Reg. TM of Zeneca Ag. Products
- FRONTROW™-TM of Dow AgroSciences LLC
- GALAXY®-Reg. TM of BASF AG
- IMI-CORN®-Reg. TM of American Cyanamid Co.
- LIBERTY LINK®-Reg. TM of The Aventis Group
- LORSBAN®-Reg. TM of Dow AgroSciences LLC
- ORTHENE®-Reg. TM of OMS Investments, Inc.
- POUNCE®-Reg. TM of FMC Corporation
- PRISM®-Reg. TM of Valent U.S.A. Corporation
- PROWL®-Reg. TM of American Cyanamid Co.
- PURSUIT® and PURSUIT DG®-Reg. TMs of American Cyanamid Co.
- RAPTOR®-Reg. TM of American Cyanamid Co.
- REFLEX®-Reg. TM of Zeneca Ag. Products
- RESOURCE®-Reg. TM of Valent U.S.A. Corporation
- ROUNDUP READY® and ROUNDUP ULTRA®-Reg. TMs of Monsanto Company
- SELECT®-Reg. TM of Valent U.S.A. Corporation
- SENCOR®-Reg. TM of Bayer Corporation
- STINGER®-Reg. TM of Dow AgroSciences LLC
- STORM®-Reg. TM of BASF Corporation
- SYNCHRONY® STS™-Reg. TM and TM of E.I. duPont de Nemours & Co. Inc.
- WARRIOR®-Reg. TM of Zeneca AG. Products