



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

19713-742

Date of Issuance:

11/7/24

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

DREXEL CLETHODIM 2EC

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

Continues page 2

Signature of Approving Official:

Heather McFarley, Product Manager 24
Fungicide & Herbicide Branch, Registration Division (7505T)

Date:

11/7/24

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 19713-742."
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 03/06/2024

If you have any questions, please contact Francisco Llarena-Arias at llarena-arias.francisco@epa.gov.

Enclosure:

- Accepted label

ACCEPTED

11/07/2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 19713-742

CLETHODIM GROUP 1 HERBICIDE

Drexel

Clethodim 2EC

Herbicide

ACTIVE INGREDIENT:

Clethodim* 26.4%

OTHER INGREDIENTS:** 73.6%

TOTAL: 100.0%

*(E)-2-[1-[[[3-chloro-2-propenyl]oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-
hydroxy-2-cyclohexen-1-one

**Contains Petroleum Distillates

Contains 2.1 pounds Clethodim per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.)

[See FIRST AID Below]

[See Side (Back) Panel for FIRST AID]; [See Page ___ for FIRST AID]

[See Container Labeling for (FIRST AID and) Complete Directions for Use]

[See (Attached) Booklet (Container Labeling) for Complete Directions for Use]

EPA Reg. No. 19713-XX
EPA Est. No. 19713-XX-X

Net Content:

_____ Gals. (_____ L)

FIRST AID

IF SWALLOWED:

- Immediately call a poison control center or doctor for treatment advice.
- **DO NOT** induce vomiting unless told to by a poison control center or doctor.
- **DO NOT** give any liquid to person.
- **DO NOT** give anything by mouth to an unconscious person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call CHEMTREC at 800-424-9300, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

NOTE TO PHYSICIAN: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

Manufactured By:

Drexel Chemical Company

P.O. Box 13327, Memphis, TN 38113-0327

SINCE 1972

The DREXEL logo is a registered trademark of Drexel Chemical Company.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material (nitrile rubber ≥ 14 mils, butyl rubber ≥ 14 mils, viton ≥ 14 mils, and / or barrier laminate), shoes plus socks and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

USER SAFETY REQUIREMENTS

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

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

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

NON-TARGET ORGANISM ADVISORY STATEMENT

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

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

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

Wild Rice: Hays County, Texas.

PHYSICAL OR CHEMICAL HAZARDS

Combustible: **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 produce 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 made of any waterproof material (nitrile rubber ≥ 14 mils, butyl rubber ≥ 14 mils, viton ≥ 14 mils, and / or barrier laminate);
- Shoes plus socks;
- Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

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

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

PRODUCT INFORMATION

Drexel Clethodim 2EC is a selective post-emergence herbicide for control of Annual and Perennial grasses. **Drexel Clethodim 2EC** does not control sedges or broadleaf weeds. **Drexel Clethodim 2EC** is a systemic herbicide which is translocated from the treated foliage to the growing points of the leaves, shoots and roots. Uptake into the plant is primarily through its leaves. Thorough coverage of the foliage is important for consistent grass control. The 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. Depending on grass species treated and environmental conditions, symptoms will generally be observed in 7 to 14 days after application. Avoid contact of **Drexel Clethodim 2EC** with desirable Grass crops, including Corn, Rice, Sorghum, Small grains, or Turf as these and other Grass crops will be injured or killed.

HERBICIDE RESISTANCE MANAGEMENT

CLETHODIM GROUP 1 HERBICIDE

Drexel Clethodim 2EC is a Group 1 herbicide based on the mode of action classification system of the Weed Science Society of America and an Acetyl CoA Carboxylase inhibitor as classified by the Herbicide Resistant Action Committee (HRAC). Any weed population may contain or develop plants naturally resistant to **Drexel Clethodim 2EC** and other Group 1 herbicides. Weed species with natural or acquired resistance to Group 1 herbicides may eventually dominate the weed population if Group 1 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. Such resistant weed plants may not be effectively managed using Group 1 herbicides but may be effectively managed utilizing another herbicide alone or in mixtures from a different Group and/or by using cultural or mechanical practices. However, the herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.

Fields should be scouted after application to verify that the treatment was effective.

To delay herbicide resistance, consider using diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides:

- Avoid the consecutive use of **Drexel Clethodim 2EC** or other target site of action Group 1 herbicides that have a similar target site of action on the same weed species.
- Using tank-mixtures or pre-mixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank-mix or pre-mix rate on the weed(s) of concern.
- Base herbicide use on a comprehensive Integrated Pest Management (IPM) and Integrated Resistance Management (IRM) program.
- Use labeled rate and directions for use to delay selection for resistance.
- Monitor treated weed populations to facilitate the early identification of weeds shifts and/or weed resistance development (also provides direction on future weed management practices).
- Control escaped weeds by implementing measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively is one of the best ways to contain resistant populations.
- Contact your local extension specialist, certified crop advisor, and/ or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

Report any incidence of non-performance of **Drexel Clethodim 2EC** against a particular weed species to your Drexel Chemical Company retailer, representative or call 901-774-4370. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

TANK-MIXES

Tank-mixing or use of **Drexel Clethodim 2EC** 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.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank-mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank-mixture.

Read and follow the entire label of each product to be used in the tank- mix with **Drexel Clethodim 2EC**.

USE RESTRICTIONS

- Aerial application for all Tree fruits and Tree nuts is prohibited.
- **DO NOT** apply a post-emergence broadleaf herbicide within one day following application of **Drexel Clethodim 2EC** or reduced grass control may result.
- Refer to crop specific Directions for Use restrictions on:
 - Number of annual applications allowed per year
 - Maximum amount of product that may be applied per year per acre
 - Maximum single application rates
- **DO NOT** use on vegetable crops being grown for seed production unless specific use directions are provided in this table.
- **DO NOT** apply if rain is expected within 1 hour of application as unsatisfactory control may occur.
- **DO NOT** apply under conditions of stress. Applying **Drexel Clethodim 2EC** 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 **Drexel Clethodim 2EC** effectively and will be less susceptible to herbicide activity.
- **DO NOT** allow **Drexel Clethodim 2EC** to contact desirable Grass crops including Corn, Rice, Sorghum, Small grains or Turf, as these and other grass crops will be injured or killed. Minor leaf spotting may occur on treated plants under certain environmental conditions. New foliage is not affected.
- **DO NOT** apply more than 15.25 fluid ounces per acre of **Drexel Clethodim 2EC** (0.25 lb. a.i./A) per year in Long Island, New York.
- **DO NOT** plant rotational crops until 30 days after application of **Drexel Clethodim 2EC** unless the crop is listed on this **Drexel Clethodim 2EC** label.

USE PRECAUTIONS

- While all vegetable crops on this label have been tested and are resistant to **Drexel Clethodim 2EC**, not all specialty varieties of these crops have been tested. It is advised that, before applying **Drexel Clethodim 2EC** to specialty varieties of vegetable crops on this label, crop sensitivity 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.
- Tank-mixes of **Drexel Clethodim 2EC** and broadleaf herbicides may result in reduced grass control. If grass regrowth occurs, an additional application of **Drexel Clethodim 2EC** may be necessary.
- Best Perennial grass control can be obtained if rhizomes or stolons are cut up by pre-plant tillage practices, (disking, plowing, etc.) to stimulate maximum emergence of grass shoots. Cultural practices, including continuous no-tillage in which the Perennial grass rhizomes or stolons are not cut up, result in a very staggered, non-uniform weed emergence. Due to this non-uniform weed emergence, no fewer than two applications per year are specified at the appropriate weed-growth stage rate under continuous no-till conditions.
- Grass crops including Corn, Rice, Sorghum, Small grains, or Turf, etc. are highly sensitive to **Drexel Clethodim 2EC**.
- 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.

APPLICATION INFORMATION

Application Timing

Apply **Drexel Clethodim 2EC** post-emergence to actively growing grasses according to rate table directions in this label.

DO NOT apply to grass plants under stress from insufficient moisture or cold temperatures, or to grass plants exceeding specified growth stages as unsatisfactory control may result.

In arid regions where irrigation is used to supplement limited rainfall, **Drexel Clethodim 2EC** must be applied as soon as possible after an irrigation (within 7 days). In arid regions, a second application of **Drexel Clethodim 2EC** may 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 **Drexel Clethodim 2EC** may reduce weed control. **DO NOT** apply **Drexel Clethodim 2EC** if rainfall is expected within one hour, since control may be reduced.

Control Symptoms

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

ADJUVANT OR CROP OIL CONCENTRATE

Alfalfa, Cotton, Dry shelled bean and Pea, Edible podded legume vegetables, Peanuts (including Perennial), Potato, Soybean, Succulent bean and Pea, Sugar beet and Sunflower: Always use a crop oil concentrate* at 1.0 quart per acre by ground or 1% v/v, but not less than 1 pint per acre, in the finished spray volume by air. 1 to 2 quarts per acre liquid fertilizer (10-34-0, 28% N or 32% N) or an equivalent amount of spray grade Ammonium Sulfate (AMS) (2.5 to 4.0 lb./A) can be added to **Drexel Clethodim 2EC** applications in addition to the labeled rate of crop oil concentrate. The addition of AMS has shown improved grass control for difficult to control species including: Quackgrass, Red rice, Rhizome johnsongrass, Volunteer cereals, Volunteer corn and Wild oats.

*Acceptable crop oil concentrates are those that contain a minimum of 80% oil and 15% emulsifier. A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria: (a) 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.

Asparagus, Canola, Carrot, Clover, Cranberry, Cucurbits, Flax, Fruiting vegetables (except Tomato), Garden beet, Garlic, Head and Stem brassica vegetables, Herbs, Hops, Leaf petioles, Leafy brassica greens, Leafy greens, Mint, Mustard seed, Onion (Dry bulb and Green), Root vegetables, Safflower, Sesame, Shallots (Dry bulb and Green), Strawberry, Sweet potato (Yam and other Tuberous and Corm vegetables except Potato) and Tomato: Unless tank-mix instructions indicate otherwise, always use a crop oil concentrate at 1% v/v in the finished spray volume. The addition of a liquid fertilizer is not advised for these crops.

Ornamental plants and Non-Bearing food crops: Add a nonionic surfactant containing at least 80% active ingredient at the rate of 1 pint per 50 gallons (0.25% v/v). The use of a crop oil concentrate is not advised as it could injure flowers and foliage.

Conifer trees, Fallow land (and other Non-producing agricultural areas), 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 pint per acre, in the finished spray volume.

Ground Application

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

Applications to Onions (Dry bulbs and Green), Garlic, and Shallots (Dry bulbs and Green) need to be made in a minimum of 20 gallons of spray solution per acre.

Air Application

Use a minimum of 3 gallons of spray solution per acre. As grass or crop foliage becomes dense, increase spray volume up to 10 gallons. For Onions (Dry bulbs and Green), Garlic, or Shallots (Dry bulbs and Green): When applying by air **DO NOT** exceed 7.6 fluid ounces per acre (0.125 lb. a.i./A) in a single application. In California, air applications to Onions, Garlic or Shallots must be made in a minimum of 20 gallons of spray solution per acre.

NOTE: Crop injury may occur when **Drexel Clethodim 2EC** is applied to Onions, Garlic or Shallots with aerial equipment.

Spot Treatment

When using hand sprayers or high-volume sprayers utilizing hand guns, mix 0.25% to 0.50% (0.33 oz. to 0.65 oz./gal.) **Drexel Clethodim 2EC** 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./gal.) by volume. For uses requiring non-ionic surfactant, include non-ionic surfactant at 0.25% (0.33 oz./gal.) by volume.

NOTE: If **Drexel Clethodim 2EC** is applied as a spot treatment, care must be taken to not exceed the maximum rate allowed on a "per acre" basis or crop injury may occur.

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

May be applied to Onions and Garlic by sprinkler irrigation systems.

Apply **Drexel Clethodim 2EC** at the high rate for Annual grasses 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 **Drexel Clethodim 2EC** 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 **Drexel Clethodim 2EC** 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.

CHEMIGATION USE RESTRICTIONS

- **DO NOT** apply by chemigation to any other crop other than garlic, onions (dry bulb), or green onion.
- **DO NOT** use any other type of irrigation system to garlic, onions (dry bulb), or green onion.
- **DO NOT** apply **Drexel Clethodim 2EC** by chemigation in the states of Idaho, Montana, Oregon and Washington.
- **DO NOT** apply **Drexel Clethodim 2EC** through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

- **DO NOT** apply **Drexel Clethodim 2EC** through any other type of irrigation system (i.e. Public Irrigation System).
- **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.
- A person knowledgeable of the chemigation system and responsible for its operation or under supervision of the responsible person, must shut the system down and make necessary adjustments.
- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, including a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.
- Apply **Drexel Clethodim 2EC** 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** 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.

USE PRECAUTIONS

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

MANDATORY SPRAY DRIFT

Aerial Applications:

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

Ground Boom Applications:

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

SPRAY DRIFT ADVISORIES

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

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

IMPORTANCE OF DROPLET SIZE

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

Controlling Droplet Size – Ground Boom

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

Controlling Droplet Size – Aircraft

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

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

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

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

TEMPERATURE AND HUMIDITY

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

TEMPERATURE INVERSIONS

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

WIND

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

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

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Alfalfa, Established including: Sainfoin Holy Clover Birdsfoot trefoil	15 days before grazing, feeding or harvesting (cutting) for forage or hay	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i. / A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	For weed control in Established alfalfa, the minimum use rate is 9.5 fl. oz./A (0.156 lb. a.i./A). Drexel Clethodim 2EC may be applied to Established alfalfa grown for seed, hay, silage, green chop, or direct grazing. Refer to tank-mix partners for feeding, grazing and harvesting restrictions. 1 to 2 qt./A of liquid fertilizer (10-34-0, 28% N or 32%N), or an equivalent amount (2.5 to 4.0 lb. a.i./A) of spray grade Ammonium Sulfate (AMS) may be added to Drexel Clethodim 2EC 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. Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application.• For repeat applications, make on a minimum of a 14-day interval.• DO NOT make more than 2 applications per year.• DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.• DO NOT apply Drexel Clethodim 2EC 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.• DO NOT plant rotational crops until 30 days after application of Drexel Clethodim 2EC.
Alfalfa, Seedling	15 days before grazing, feeding or harvesting (cutting) for forage or hay	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i. / A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	Drexel Clethodim 2EC may be applied to Seedling alfalfa grown for seed, hay, silage, green chop, or direct grazing. Refer to tank-mix partners for feeding, grazing, and harvesting restrictions. Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) per application.• For repeat applications, make on a minimum of 14-day interval.• DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.• DO NOT make more than 2 applications per year.
Artichoke (Globe)	5 days	4.8 to 7.38 fl. oz. (0.078 to 0.121 lb. a.i. / A)		Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 7.38 fl. oz./A (0.121 lb. a.i./A) per application.• For repeat applications, make on a minimum of 14-day interval.• DO NOT apply more than 29.56 fl. oz./A (0.485 lb. a.i./A) per year.• DO NOT make more than 4 applications per year.
Asparagus	1 day	4.8 to 7.6 fl. oz. (0.078 to 0.125 lb. a.i. / A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application.• For repeat applications, make on a minimum of a 14-day interval.• DO NOT apply more than 15.25 fl. oz./A (0.25 lb. a.i./A) per year.• DO NOT make more than 2 applications per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Bean, Dry except Soybean (Dried Shelled Pea and Bean, except Soybean; subgroup 6C) including: Bean (<i>Lupinus</i> spp.) Grain Sweet White White sweet Bean (<i>Phaseolus</i> spp.) Field Kidney Lima (Dry) Navy Pinto Tepary Bean (<i>Vigna</i> 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	30 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	Refer to Table 7 for reduced rate directions for the control of small Annual grasses. 1 to 2 qt./A of liquid fertilizer (10-34-0, 28% N or 32%N), or an equivalent amount (2.5 to 4.0 lb./A) of spray grade Ammonium Sulfate (AMS) may be added to Drexel Clethodim 2EC 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. Restrictions: • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • For Reduced Rate Control for Small Annual Grasses (Not for Use in California): DO NOT make more than 4 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.
Bean, Succulent Shelled (Succulent Shelled Pea and Bean; subgroup 6B) including: Bean (<i>Phaseolus</i> spp.) Broad bean (Succulent) Lima bean (Green) Bean (<i>Vigna</i> spp.) Black-eyed pea Cowpea Southern pea	21 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	Refer to Table 7 for reduced rate directions for the control of small Annual grasses. 1 to 2 qt./A of liquid fertilizer (10-34-0, 28% N or 32%N), or an equivalent amount (2.5 to 4.0 lb./A) of spray grade Ammonium Sulfate (AMS) may be added to Drexel Clethodim 2EC 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. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 1 application per year. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per year.
Beet, Garden	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.
Berry, Low Growing (except Cranberry and Strawberry; subgroup 13-07G) including: Bearberry Bilberry Blueberry (Lowbush) Cloudberry Lingonberry Muntries Patridgeberry	45 days	3.84 to 7.6 fl. oz. (0.063 to 0.125 lb. a.i./A)		Restrictions: • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Brassica Vegetables, Head and Stem (subgroup 5-16) including: Broccoli Broccoli (Chinese) Brussels sprouts Cabbage (Napa, Chinese) Chinese mustard Cavolo broccoli Kohlrabi Cauliflower cultivars, varieties and/or hybrids of these commodities.	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.
Brassica Leafy Greens (except Radish leaves, Turnip greens and Watercress; subgroup 4-16B) including: Arugula Broccoli (Chinese, Rabb) Cabbage (Abyssinian, Chinese, Bok choy, Seakale) Collards Cress (Garden, Upland) Hanover salad Kale Maca (Leaves) Mizuna Mustard (Greens, Spinach) Rape greens Rocket (Wild) Shepherdspurse Cultivars, varieties and hybrids of these commodities.	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year. • DO NOT make more than 4 applications per year.
Bushberry (Bushberry subgroup 13-07B) including: Aronia berry Blueberry (Highbush) Chilean guava Cranberry (Highbush) Currant (Black, Buffalo, Native, Red) Elderberry European barberry Gooseberry Honeysuckle (Edible), Jostaberry Juneberry Saskatoon berry Native currant Salal Sea buckthorn Cultivars, varieties and/or hybrids of these.	14 days	5.7 to 7.38 fl. oz. (0.094 to 0.121 lb. a.i./A)		Restrictions: • DO NOT apply more than 7.38 fl. oz./A (0.121 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 29.56 fl. oz./A (0.485 lb. a.i./A) per year.
Caneberry (subgroup 13-07A) including: Blackberry Loganberry Raspberry (Black, Red, Wild) Cultivars, varieties and/or hybrids of these.	7 days	5.7 to 7.38 fl. oz. (0.094 to 0.121 lb. a.i./A)		Restrictions: • DO NOT apply more than 7.38 fl. oz./A (0.121 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT apply more than 29.56 fl. oz./A (0.485 lb. a.i./A) per year. • DO NOT make more than 4 applications per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Canola (except Flax seed, Mustard seed, and Sesame seed; subgroup 20A) (NOT FOR USE IN CALIFORNIA) including: Borage Crambe Cuphea Echium Gold of Pleasure (Camelina) Hare's ear mustard Lesquerella Lunaria Meadowfoam Milkweed Oil radish Poppy seed Rapeseed (Canola), Sweet rocket	70 days	3.84 to 5.7 fl. oz. (0.063 to 0.094 lb. a.i./A)	1% v/v in the finished spray volume	Crop injury may occur when Drexel Clethodim 2EC is applied during the bloom period. Restrictions: • DO NOT apply more than 5.7 fl. oz./A (0.094 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year using reduced application rates. • DO NOT apply more than 5.7 fl. oz./A (0.094 lb. a.i./A) per year. • DO NOT apply after crop has begun bolting.
Carrot	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year.
Clover	15 days before grazing, feeding, or harvesting (cutting) for forage or hay	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1% v/v in the finished spray volume	For use on Clover grown in Idaho, Oregon and Washington only. Restrictions: • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) per year.
Corn, Field For burndown of existing stands of Glyphosate resistant field corn or Volunteer Glyphosate resistant Field corn prior to replanting field corn. See Table 6.	90 days	2.74 fl. oz. (0.045 lb. a.i. / A)	DO NOT use COC or MSO with Drexel Clethodim 2EC in this use pattern.	To control the existing stand, replant no sooner than 6 days after application. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 2.74 fl. oz./A (0.045 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year. • DO NOT apply more than 2.74 fl. oz./A (0.045 lb. a.i./A) per year.
Cotton including: Cotton grown for seed.	60 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	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. Restrictions: • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • DO NOT graze treated fields or feed treated forage or hay to livestock.
Cranberry	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • DO NOT apply between the "hook" stage and full fruit set.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Cucurbits (Melon subgroup 9A) including: Citron melon Honeydew melon Muskmelon (all) Watermelon Cantaloupe (all) (Squash/Cucumber subgroup 9B) including: Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Cucumber Gherkin Gourd edible (includes Hyotan, Cucuzza, Hechima, Chinese okra) <i>Momordica</i> spp. (includes Balsam apple, Balsam pear, Bittermelon Chinese cucumber) Pumpkin Squash (Summer) Squash (Winter includes Butternut squash, Calabaza, Hubbard squash, Acorn squash, Spaghetti squash)	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.25 lb. of a.i./A) per year.
Fallow Land Conifer Trees (Table 3) Non-Crop or Non-Planted areas	N/A	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	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.	Fallow Land refers to Annual and Perennial grasses in land that has been left to fallow the previous year. 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. Precautions: • Use a minimum spray volume of 15 gallons per acre for ground applications and 5 gallons per acre for aerial applications. • Apply only to actively growing grasses when the first grass reaches the specified weed height as specified by the “ <i>USE DIRECTIONS FOR ANNUAL AND PERENNIAL GRASSES</i> ” section of this label. • Annual grasses which emerge after Drexel Clethodim 2EC 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. Restrictions: • For repeat applications, make on a minimum of a 14-day interval. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • DO NOT plant any crop for 30 days after application unless Clethodim is registered for use in that crop. For Fallow Land • DO NOT apply more than 7.6 fl. oz. (0.125 lb. a.i.) per acre per application to Annual Grasses and 15.25 fl. oz. (0.250 lb. a.i.) per acre per application to Perennial Grasses. • DO NOT apply more than 4 applications at the 5.7 fl. oz. (0.094 lb. a.i.) use rate for Annual Grasses, or 4 applications at the 7.6 fl. oz. (0.125 lb. a.i.) use rate for Perennial Grasses per year. • DO NOT apply to grasses that have tillered, formed seedheads or exceeded specified growth stage. • DO NOT graze treated fields or feed treated forage and/or hay to livestock. • DO NOT plant any crop for 30 days after applications, unless otherwise specified on this label. • DO NOT use flood jet nozzles. • DO NOT apply to drought-stressed grasses. • DO NOT mow area for two weeks prior to or after application. For Conifer Trees, Non-Crop or Non-Planted areas • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • DO NOT make more than 2 applications per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Flax (NOT FOR USE IN CALIFORNIA)	60 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Apply prior to bloom. Crop injury may occur when Drexel Clethodim 2EC is applied during the bloom period. Restrictions: • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 15.25 fl. oz./A (0.25 lb. of a.i./A) per year. • For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 4 applications at 4 fl. oz./A (0.063 lb. a.i./A) per year.
Fruiting Vegetables (except Okra and Tomato; crop group 8-10) including: Bell pepper and Non-bell pepper Eggplant Groundcherry Pepino Tomatillo	20 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Herbs (subgroup 19A) including: Angelica Balm Basil Borage Bumet Chamomile Catnip Chervil (Dried) Chive Chinese chive Clary Coriander (Leaf), Costmary Cilantro (Leaf) Curry (Leaf) Dill (Dillweed), Horehound Hyssop Lavender Lovage (Leaf) Marigold Marjoram (Origanum spp.) Nasturtium Parsley (Dried) Pennyroyal Rosemary Rue Sage Savory (Summer and Winter)	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Drexel Clethodim 2EC has not been tested on all Herbs, and Herb varieties. It is the responsibility of the user to test Drexel Clethodim 2EC on a small portion of the crop to be treated before treating the entire field. Crop sensitivity to Drexel Clethodim 2EC must be verified on a small area of the Herb crop, at the desired Drexel Clethodim 2EC 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, Drexel Clethodim 2EC may be used on the entire field at the rate tested and with the same crop oil used in the sensitivity test. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Hops	21 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Leaf Petiole Vegetables (subgroup 22B) (NOT FOR USE IN CALIFORNIA) including: Cardoon Celery Chinese celery Fuki Rhubarb Udo Zuiki Cultivars, varieties and/or hybrids of these commodities.	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Leafy Greens (subgroup 4-16A) (NOT FOR USE IN CALIFORNIA) including: Amaranth (Chinese, Leafy) Aster (Indian) Blackjack Cat's whiskers Cham-chwi Cham-na-mul chervil (fresh leaves) Chipilin Chrysanthemum (Garland) Cilantro (fresh leaves), Corn salad Cosmos Dandelion (leaves) Dang-gwi (leaves) Dillweed Dock Dot-nam-mul Ebolo Endive Fameflower Feather cockscomb Good King Henry Huauzontle Jute leaves Lettuce (Bitter, Head, Leaf) Orach Parsley (fresh leaves) Plantain (Buckhorn) Primrose (English) Purslane (Garden, Winter) Radicchio (Red chicory) Spinach (Malabar, New Zealand, Tanier) Swiss chard Violet (Chinese leaves) Cultivars, varieties and / or hybrids of these commodities.	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Legume Vegetables, Edible Poddied (subgroup 6A) including: Bean (<i>Phaseolus</i> spp.) Runner Snap Wax Bean (<i>Vigna</i> spp.) Asparagus Chinese longbean Moth yardlong Jackbean Pea (<i>Pisum</i> spp.) Dwarf Edible-pod Snow Sugar snap Pigeon Soybean (immature seed) Sword bean	21 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Refer to Table 7 for reduced rate directions for the control of small Annual grasses. For Peas apply before bloom, but no later than 21 days before harvest. 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. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. of a.i./A) per year. • For Reduced Rate Control for Small Annual Grasses (Not for Use in California): DO NOT make more than 2 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Mustard Seed (NOT FOR USE IN CALIFORNIA)	75 days	3.84 to 5.7 fl. oz. (0.063 to 0.094 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 5.7 fl. oz./A (0.094 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 11.46 fl. oz./A (0.188 lb. of a.i./A) per year. • DO NOT apply after crop has begun bolting. Crop injury may occur when Drexel Clethodim 2EC is applied during the bloom period. • For Reduced Rate Control for Small Annual Grasses: DO NOT make more than 3 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.
Non-Bearing Fruit and Nut Crops (Table 2)	N/A	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	Use of crop oil concentrate is not advised as injury to flower and foliage may occur. See Special Use Instructions	Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt./50 gal. (0.25% v/v.) If Drexel Clethodim 2EC is applied as a spot treatment to non-bearing food crops do not exceed the maximum rate allowed on a "per acre" basis. Restrictions: <ul style="list-style-type: none"> • Must not be applied to non-bearing fruit or nut crops which are grown for root stock. • Sugar maples must not be tapped for syrup within one year of application. • DO NOT make aerial applications to tree fruits and tree nuts. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT exceed four applications per acre per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year⁽⁴⁾. • DO NOT make repeat applications less than 14 days apart.
Okra	3 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)		Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Onions (Dry bulbs only, subgroup 3-07A) including: Daylily (Bulb) Fritillaria (Bulb) Garlic (Bulb, Great-headed bulb, Serpent bulb) Lily (Bulb) Onion (Bulb, Chinese bulb, Pearl, Potato bulb) Shallot (Bulb) Cultivars, varieties and/or hybrids of these.	45 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1% v/v in the finished spray volume	Minimum of 20 gal./A spray volume by ground in entire U.S. Minimum of 20 gal./A spray volume by air in California. In states other than California, air applications to Onions or Garlic must be made in a minimum of 10 gal./A. Restrictions: <u>Shallot (Dry Bulb)</u> <ul style="list-style-type: none"> • For air and ground applications, DO NOT exceed 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT exceed 2 applications per acre per year. • DO NOT apply more than 15.25 fl. oz./A (0.25 lb. a.i./A) per year. • DO NOT make repeat applications less than 14 days apart. <u>Garlic</u> <ul style="list-style-type: none"> • For air and ground applications: <ul style="list-style-type: none"> • DO NOT exceed 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT exceed two applications per acre per year. • DO NOT apply more than 15.25 fl. oz./A (0.25 lb. a.i./A) per year. • For chemigation applications: <ul style="list-style-type: none"> • DO NOT exceed 15.25 fl. oz./A (0.25 lb. a.i./A) in a single application. • DO NOT exceed two applications per acre per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. a.i./A) per year⁽⁴⁾. • DO NOT make repeat applications less than 14 days apart. <u>Onion (Dry Bulb)</u> <ul style="list-style-type: none"> • For ground and chemigation applications: <ul style="list-style-type: none"> • DO NOT exceed 15.25 fl. oz./A (0.25 lb. a.i./A) in a single application. • DO NOT exceed four 5.7 to 7.6 fl. oz./A (0.094 to 0.125 lb. a.i./A) applications per year, three 7.6 to 9.5 fl. oz./A (0.125 to 0.156 lb. a.i./A) applications per year or two 9.5 to 15.25 fl. oz./A (0.156 to 0.25 lb. a.i./A) applications per year. • For air applications: <ul style="list-style-type: none"> • DO NOT exceed 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT exceed four applications per acre per year. • In California, for air applications, DO NOT exceed 2 applications per year. • DO NOT exceed 30.5 fl. oz./A (0.50 lb. a.i./A) per year⁽⁴⁾. • DO NOT make repeat applications less than 14 days apart.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Onions, Green (subgroup 3-07B)* including: Chive (fresh leaves), Chive (Chinese, fresh leaves) Elegans hosta Fritillaria (leaves) Kurrat Lady's leek Leek Leek (Wild) Onion (Beltsville bunching, Fresh, Green, Macrostem, Tree tops, Onion, Welsh tops) Shallot (Fresh leaves) Cultivars, varieties, and/ or hybrids of these commodities.	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • DO NOT make more than 4 applications per year. • For repeat applications make on a minimum of a 14-day interval. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • For air applications to Onion, DO NOT exceed 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • In California for air applications to Onion, DO NOT exceed 2 applications per year. • If Drexel Clethodim 2EC is applied as a spot treatment to Onion or Garlic, DO NOT exceed the maximum rate allowed on a "per acre" basis. • In California, DO NOT apply Drexel Clethodim 2EC to Onion or Garlic until the crop has at least two full leaves. Use a 14-day spray interval between the application of Drexel Clethodim 2EC and liquid nitrogen or other herbicide applications. Injury to crop may occur when shorter intervals are observed.
Ornamentals (See "DIRECTIONS FOR USE IN ORNAMENTALS" section for full list of crops)	N/A	5.7 to 15.25 fl. oz. (0.094 to 0.25 lb. a.i./A)	Use of crop oil concentrate is not advised as injury to flower and foliage may occur. See Special Use Instructions	For Ornamental plant uses, Drexel Clethodim 2EC can be used to control labeled grass weeds in Greenhouses, Lathouses, Shadehouses, and around outdoor Ornamentals, including Nurseries, Parks, Roadside plantings, and Structure landscapes. Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt./50 gal. (0.25% v/v.) If Drexel Clethodim 2EC is applied as a spot treatment to non-bearing food crops do not exceed the maximum rate allowed on a "per acre" basis. Restrictions: • Sugar maples must not be tapped for syrup within one year of application. • DO NOT make aerial applications to tree fruits and tree nuts. • DO NOT exceed more than 0.35 fl. oz./1000 sq. ft. per single application. • DO NOT exceed more than 4 applications per year at reduced application rates. • Spot Treatment rates: • 5.7 fl. oz./A (0.094 lb. a.i./A) – approx. 0.13 fl. oz./1000 sq. ft. • 7.6 fl. oz./A (0.125 lb. a.i./A) – approx. 0.17 fl. oz./1000 sq. ft. • 9.5 fl. oz./A (0.156 lb. a.i./A) – approx. 0.22 fl. oz./1000 sq. ft. • 15.25 fl. oz./A (0.25 lb. a.i./A) – approx. 0.35 fl. oz./1000 sq. ft. • DO NOT exceed more than 0.7 fl. oz./1000 sq. ft. per year ⁽⁴⁾ . • DO NOT make repeat applications less than 14 days apart.
Peas, Dry Shelled (subgroup 6C) including: Pea (<i>Pisum</i> spp.) Field Pigeon	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	Refer to Table 7 for reduced rate directions for the control of small Annual grasses. Apply before bloom but not later than 30 days prior to harvest. 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. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. of a.i./A) per year. • For Reduced Rate Control for Small Annual Grasses (Not for Use in California): DO NOT make more than 2 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Peas, Succulent Shelled (subgroup 6B) including: Pea (<i>Pisum</i> spp.) English Garden Green Pigeon	21 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	Refer to Table 7 for reduced rate directions for the control of small Annual grasses. Apply before bloom but not later than 21 days prior to harvest. 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. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • DO NOT make more than 1 application per year. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. of a.i./A) per year. • Applications of Drexel Clethodim 2EC to peas during the bloom period could result in severe crop injury, including loss of yield and delayed maturity. • For Reduced Rate Control for Small Annual Grasses (Not for Use in California): DO NOT make more than 2 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.
Peanut (including Perennial) (NOT FOR USE IN CALIFORNIA)	40 days	5.7 to 15.25 fl. oz. (0.094 to 0.25 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	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. Restrictions: • DO NOT apply more than 15.25 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.25 fl. oz./A (0.50 lb. of a.i./A) per year.
Peppermint and Spearmint tops	21 days	5.7 to 15.25 fl. oz. (0.094 to 0.25 lb. a.i./A)	Crop Oil Concentrate or Methylated Seed Oil at 1 qt./A or 1% v/v	For weed control in Peppermint and Spearmint tops, the minimum use rate is 9.5 fl. oz./A (0.156 lb. a.i. / A). Restrictions: • DO NOT apply more than 15.25 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Pome Fruit (Crop Group 11-10) including: Apple Azarole Crabapple Loquat Mayhaw Medlar Pear (Asian) Quince (Chinese, Japanese) Tejocote	14 days	3.84 to 7.6 fl. oz. (0.063 to 0.125 lb. a.i./A)		Restrictions: • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Potato	30 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v, but not less than 1 pt./A, by air ⁽³⁾	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. Restrictions: • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Radish, Radish leaves	15 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. of a.i./A) per year.
Root Vegetables (except Sugar beet and Radish, subgroup 1B), including: Burdock (Edible) Celeriac Chervil Turnip (rooted) Chicory Ginseng Horseradish Parsnip Radish Oriental Rutabaga Salsify (Black, Spanish), Skirret Turnip	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Safflower	70 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Sesame	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • DO NOT apply during flowering.
Soybean	60 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v (but not less than 1 pt./A) by air ⁽³⁾	Refer to Table 7 for reduced rate directions 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. Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • DO NOT graze treated fields or feed treated forage or hay to livestock.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Stalk and Stem Vegetables (NOT FOR USE IN CALIFORNIA) (subgroup 22A) including: Agave Aloe vera Asparagus Bamboo shoots Celtnce Fennel Florence (fresh leaves and stalk) Fern Fiddlehead (edible) Kale (Sea) Kohlrab Palm hearts Prickly pear (pads) Prickly pear (Texas pads) Cultivars, varieties, and / or hybrids of these commodities.	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. of a.i./A) per year.
Stevia, Dried leaves	14 days	3.84 to 7.6 fl. oz. (0.063 to 0.125 lb. a.i./A)		<p>Drexel Clethodim 2EC has not been tested on all varieties. It is the responsibility of the user to test Drexel Clethodim 2EC on a small portion of the crop to be treated before treating the entire field.</p> <p>Verify crop safety to Drexel Clethodim 2EC on a small area of the crop, at the desired Drexel Clethodim 2EC rate and with the same Non-Ionic Surfactant (NIS) that will be used on the field. If no crop response is evident 7 days after treatment, Drexel Clethodim 2EC may be used on the entire field at the rate tested and with the same NIS used in the crop safety test.</p> Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Stone Fruit (crop group 12-12) including: Apricot (Japanese), Capulin Cherry (Black, Nanking, Sweet, Tart) Jujube (Chinese), Nectarine Peach Plum (American, Beach, Canada, Cherry, Chickasaw, Damson, Japanese, Klamath, Prune) Plumcot Sloe	14 days	3.84 to 7.6 fl. oz. (0.063 to 0.125 lb. a.i./A)		Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Strawberry	4 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Sugar Beet	40 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v (but not less than 1 pt./A) by air ⁽³⁾	Refer to Table 7 for reduced rate directions 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. Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • For Reduced Rate Control for Small Annual Grasses (Not for Use in California): DO NOT make more than 4 applications at 3.84 fl. oz./A (0.063 lb. a.i./A) per year.
Sunflower (subgroup 20B) including: Calendula Castor oil plant Chinese tallowtree Euphorbia Evening primrose Jojoba Niger seed Rose hip Stokes aster Tallowood Tea oil plant Vernonia	70 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1 qt. by ground or 1% v/v (but not less than 1 pt./A) by air ⁽³⁾	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. Verify crop safety to Drexel Clethodim 2EC on a small area of the crop at the desired rate and with the same crop oil concentrate that will be used on the field. If no crop response is evident seven (7) days after treatment, Drexel Clethodim 2EC may be used on the entire field at the rate tested and with the same crop oil used in the safety test. Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.
Tomato	20 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1% v/v Crop Oil Concentrate in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) in a single application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Tree Nuts (crop group 14-12) including: African nut-tree Almond Beechnut Brazil nut Brazilian pine Bunya Bur oak Butternut Cajou nut Candlenut Cashew Chestnut Chinquapin Coconut Coquito nut Dika nut Ginkgo Guiana chestnut Hazelnut (Filbert) Heartnut Hickory nut Japanese horse chestnut Macadamia nut, Mongongo nut Money-pot Money puzzle nut Okari nut Pachira nut Peach palm nut Pecan Pequi Pili nut Pine nut Pistachiom Sapucaia nut Tropical almond, Walnut (Black, English). Yellowhorn Cultivars, varieties, and/or hybrids of these.	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • DO NOT make more than 4 applications per year. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. • Aerial Application for all tree nut use is prohibited.
Tuberous and Corm Vegetables (except Potato, subgroup 1C) including: Sweet potato Yam Artichoke (Chinese, Jerusalem) Cassava (Bitter, Sweet) Ginger	30 days	5.7 to 15.25 fl. oz. (0.094 to 0.250 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 15.25 fl. oz./A (0.250 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 2 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. For Annual Grasses: <ul style="list-style-type: none"> • DO NOT make more than 4 applications at 7.6 fl. oz./A (0.125 lb. a.i./A) per year. For Perennial Grasses: <ul style="list-style-type: none"> • DO NOT make more than 2 applications at 15.25 fl. oz./A. (0.250 lb. a.i./A) per year.
Turnip Greens	14 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)	1% v/v in the finished spray volume	Restrictions: <ul style="list-style-type: none"> • DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. • DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. • For repeat applications, make on a minimum of a 14-day interval. • DO NOT make more than 4 applications per year. • DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year.

(Continued)

TABLE 1: CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC (Cont.)

Crops ⁽¹⁾	Minimum Time from Application to Harvest (PHI)	Use Rates Per Acre	Crop Oil Concentrate Rates Per Acre ⁽²⁾	Specific Use Instructions/Restrictions
Watercress (NOT FOR USE IN CALIFORNIA)	30 days	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i./A)		Restrictions: <ul style="list-style-type: none"> DO NOT use on vegetable crops being grown for seed production unless specific use directions are provided in this table. DO NOT apply more than 7.6 fl. oz./A (0.125 lb. a.i./A) per application. For repeat applications, make on a minimum of a 14-day interval. DO NOT make more than 4 applications per year. DO NOT apply more than 30.5 fl. oz./A (0.50 lb. of a.i./A) per year. DO NOT apply when Watercress is under flood conditions. DO NOT apply Drexel Clethodim 2EC when water is in the field and hold water for at least 24 hours after an application.

N/A – Not Applicable

(1) Drexel Clethodim 2EC is not for use on vegetable crops being grown for seed production unless specific use directions are provided.

(2) Acceptable crop oil concentrates would be those that contain a minimum of 80% oils and 15% emulsifier. The crop oil concentration must contain either a petroleum or vegetable oil base and meet all the following criteria: a) contain only EPA-exempt ingredients, b) be nonphytotoxic, c) provides good mixing quality and d) be successful in local experience. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oil. For further information see the "ADJUVANT OR CROP OIL CONCENTRATE" section.

(3) In addition to the specified rate of crop oil concentrate, 1 to 2 qt./A of liquid fertilizer (10-34-0, 28% N or 32% N), or an equivalent amount (2.5 to 4.0 lb./A) of spray grade Ammonium Sulfate (AMS) may be added to this Drexel Clethodim 2EC application.

(4) Application on Long Island, New York, is restricted to no more than 16 fl. oz./A of Drexel Clethodim 2EC (0.25 lb. a.i./A) per year, adjust the maximum number of applications allowed per year accordingly.

Table 2: NON-BEARING FRUIT AND NUT CROPS

Drexel Clethodim 2EC must not be applied to Non-bearing fruit or nut crops that are grown for root stock.

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.
Tree Nuts	
Almond	<i>Prunus dulcis</i>
Filbert	<i>Corylus maxima</i>
Pecan	<i>Carya illinoensis</i>
Pistachio	<i>Pistacia vera</i>
Walnut	<i>Juglans</i> spp.

Crop injury to Non-bearing fruit and nut crops can occur if **Drexel Clethodim 2EC** is improperly applied. **Drexel Clethodim 2EC** must not be applied directly over the top of these plant types. Instead, spray must be directed at the base of the plant where grassy weeds are growing near the ground. Non-bearing fruit and nut crops are plants that will not bear fruit or nuts for at least one year following this **Drexel Clethodim 2EC** application.

Table 3: CONIFER TREES

Drexel Clethodim 2EC 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/Eastern	<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.

Table 4: USE DIRECTIONS FOR ANNUAL GRASSES

(EXCEPT FOR IN ESTABLISHED ALFALFA, PEPPERMINT AND SPEARMINT TOPS)

Apply only to actively growing grasses at specified weed heights.

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

Restrictions

- **DO NOT** exceed the maximum rate per application listed in the table “**CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.**”
- **DO NOT** exceed the maximum number of applications per year listed in the table “**CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.**”
- **DO NOT** exceed the maximum yearly rate listed in the table “**CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.**”

Grass Species	Scientific Name	Weed Height* (Inches)	Rate fl. oz./A (lb. a.i./A)	High Rate fl. oz./A (lb. a.i./A)
Barnyardgrass	<i>Echinochloa crus-galli</i>	2 to 8	5.7 (0.094)	7.6 (0.125)
Broadleaf signalgrass	<i>Brachiaria platyphylla</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Brome				
California	<i>Bromus carinatus</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Cheatgrass	<i>Bromus secalinus</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Downy	<i>Bromus tectorum</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Ripgut	<i>Bromus diandrus</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Canarygrass	<i>Phalaris canariensis</i>	1 to 4	5.7 (0.094)	7.6 (0.125)
Crabgrass				
Hairy	<i>Digitaria adscendens</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Large	<i>Digitaria sanguinalis</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Southern	<i>Digitaria ciliaris</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Fall panicum	<i>Panicum dichotomiflorum</i>	2 to 8	5.7 (0.094)	7.6 (0.125)
Field sandbur	<i>Cenchrus incertus</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Foxtail				
Giant	<i>Setaria faberi</i>	2 to 12	5.7 (0.094)	7.6 (0.125)
Green	<i>Setaria viridis</i>	2 to 8	5.7 (0.094)	7.6 (0.125)
Yellow	<i>Setaria glauca</i>	2 to 8	5.7 (0.094)	7.6 (0.125)
Goosegrass	<i>Eleusine indica</i>	2 to 6**	5.7 (0.094)	7.6 (0.125)
Itchgrass	<i>Rottboellia exaltata</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Junglerice	<i>Echinochloa colona</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Lovegrass (Stinkgrass)	<i>Eragrostis cilianensis</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Rabbitsfootgrass	<i>Polypogon monspeliensis</i>	1 to 4	5.7 (0.094)	7.6 (0.125)
Red rice	<i>Oryza sativa</i>	1 to 3	5.7 (0.094)	7.6 (0.125)
Ryegrass				
Hardy	<i>Lolium remotum</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Italian	<i>Lolium multiflorum</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Seedling Johnsongrass	<i>Sorghum halepense</i>	4 to 10	5.7 (0.094)	7.6 (0.125)
Shattercane	<i>Sorghum bicolor</i>	6 to 18	5.7 (0.094)	7.6 (0.125)
Southwestern cupgrass	<i>Eriochloa gracillis</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Sprangletop				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Mexican	<i>Leptochloa uninervia</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Red	<i>Leptochloa filiformis</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Texas panicum	<i>Panicum texanum</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Volunteer cereals ²				
Barley	<i>Hordeum vulgare</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Oats	<i>Avena sativa</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Rye	<i>Secale cereale</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Wheat	<i>Triticum aestivum</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Volunteer corn ³	<i>Zea mays</i>	4 to 12	5.7 (0.094)	7.6 (0.125)
Volunteer corn (S.R.) ⁴	<i>Zea mays</i>	4 to 12	7.6 (0.125) (suppression only)	
Volunteer corn ³	<i>Zea mays</i>	12 to 24	5.7 (0.094)	7.6 (0.125)
Volunteer grain sorghum	<i>Sorghum bicolor</i>	8 to 12	5.7 (0.094)	7.6 (0.125)
Wild oats	<i>Avena fatua</i>	2 to 6	5.7 (0.094)	7.6 (0.125)
Wild proso millet	<i>Panicum miliaceum</i>	2 to 10	5.7 (0.094)	7.6 (0.125)
Witchgrass	<i>Panicum capillare</i>	2 to 8	5.7 (0.094)	7.6 (0.125)
Woolly cupgrass	<i>Eriochloa villosa</i>	2 to 8	5.7 (0.094)	7.6 (0.125)

*Generally, occurs between 3 leaf stage and tillering.

**Length of lateral growth

¹ Rates higher than 5.7 fl. oz./A (0.125 lb. a.i./A) may be applied in certain geographic areas, environmental conditions, or cropping situations, where experience has shown that higher rates are needed for satisfactory control of Annual grasses. In these situations, rates from 5.7 to 15.25 fl. oz./A (0.125 lb. a.i./A to 0.250 lb. a.i./A.) may be applied.

² When a Cereal grain crop (for example: Wheat) is interseeded for crop establishment or is planted as wind breaks to aid crop establishment, the minimum Drexel Clethodim 2EC use rate for control is 8 fl. oz./A (0.125 lb. a.i./A).

³ Includes Glyphosate-resistant, Glufosinate-resistant, and Imidazolinone-resistant Volunteer corn.

⁴ Sethoxydim-resistant Volunteer corn.

USE DIRECTIONS FOR ANNUAL AND PERENNIAL GRASS CONTROL IN ESTABLISHED ALFALFA, PEPPERMINT AND SPEARMINT TOPS WITH DREXEL CLETHODIM 2EC

Grass Species	Weed Stage	Rate fl. oz./A (lb. a.i./A)	High Rate fl. oz./A (lb. a.i./A)
Annual and Perennial Grasses Listed in Grass Table	See Table	9.5 (0.156 lb. a.i./A)	15.25 (0.250 lb. a.i./A)

Mowing: The best control of Annual grasses can be achieved by applying **Drexel Clethodim 2EC** 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 overwinter 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 application of **Drexel Clethodim 2EC** for partial or complete control.

Irrigated Alfalfa, Peppermint and Spearmint Tops: In established Alfalfa, Peppermint and Spearmint tops, irrigation practices can be very critical to the successful use of **Drexel Clethodim 2EC** and may be necessary to initiate active growth of the weeds prior to application. Applications 2 to 4 days following irrigation are most effective. More consistent grass control occurs when the irrigation occurs before the application is made but irrigation shortly after application (2 days) can be effective.

Aerial Application: Apply **Drexel Clethodim 2EC** in a minimum of 10 GPA in established Alfalfa, Peppermint and Spearmint tops when applying by air.

Annual Grass Control: Apply **Drexel Clethodim 2EC** at the grass sizes indicated in the **USE DIRECTIONS FOR ANNUAL GRASS** Table and rates indicated above. If a grass has been cut, apply **Drexel Clethodim 2EC** after active growth has resumed and regrowth has reached the minimum height and before it reaches the maximum height indicated. Apply before the Alfalfa, Peppermint and Spearmint tops canopy covers the grasses and interferes with the spray coverage. Some Annual grasses are Spring and Summer germinating plants, while others are Fall germinating plants, and the time they are actively growing and most susceptible to **Drexel Clethodim 2EC** may vary from region to region.

Also, some Annuals germinate over an extended period of time, and because control of small grasses is desired, applications after each weed flush may be required. Spray Spring and Summer germinating grasses as early in the year as possible, after initial green-up. Spray Fall germinating weeds in the Fall soon after they begin growing but before any damage is done due to frost. Late Fall applications may be less effective due to environmental conditions, including frost, slower plant growth, or the onset of flowering.

Perennial Grass Control: **Drexel Clethodim 2EC** effectively controls Perennial grasses including Bermudagrass, Johnsongrass, Quackgrass, Wirestem muhly, Tall fescue, Foxtail barley and Orchardgrass. Due in part to lack of tillage, Perennial grasses are more difficult to control in a perennial crop including established Alfalfa. 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 when grasses are at or near maximum height and/or under heavy grass pressure.

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

Table 5: USE DIRECTIONS FOR ANNUAL BLUEGRASS CONTROL WITH DREXEL CLETHODIM 2EC

Grass Species	Weed Stage	Rate fl. oz./A (lb. a.i./A)	High Rate fl. oz./A (lb. a.i./A)
Annual bluegrass (<i>Poa annua</i>)	to 4 Leaf	5.7* (0.094 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
• Use a minimum of 7.6 fl. oz./A (0.125 lb. a.i./A) to control Annual bluegrass in seedling and established Alfalfa, Peppermint and Spearmint tops.			

1. Grass needs to be actively growing at time of application(s). Apply under favorable soil moisture and humidity that exists within a few days after rainfall or within 7 days after irrigation.
2. Apply at weed stage indicated on the label, as reduced control can be expected with more mature Annual bluegrass.
3. Use the high rate under heavy grass pressure and/or when Annual bluegrass is more mature.
4. Always add a crop oil concentrate at 1 quart per acre by ground to the finished spray volume.

Table 6: USE DIRECTIONS FOR USE IN GLYPHOSATE-RESISTANT FIELD CORN (BURNDOWN) APPLICATIONS RATES

Grass Species	Weed Stage	Rate fl. oz./A (lb. a.i./A)
Annual bluegrass (<i>Poa annua</i>)	to 4 Leaf	2.74 (0.045 lb. a.i./A)
For control of existing stand of Glyphosate resistant field corn or Volunteer Glyphosate resistant field corn prior to replanting Field corn. Care must be taken to avoid in-field boom (spray) overlaps or excessive crop injury may occur. Replant no sooner than 6 days after application.		
• Adjuvant instructions: NIS at 0.25% v/v plus AMS at 2.5 to 4 lb./A.		

Table 7: DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES IN CANOLA, DRY BEAN AND DRY PEA (INCLUDING SOYBEANS), EDIBLE PODDED LEGUME VEGETABLES, FLAX, MUSTARD SEED, SUCCULENT BEAN AND PEA, AND SUGAR BEET

(Reduced Rate directions Not for Use in California)

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

Grass Species	Scientific Name	Weed Height (Inches)	Rate fl. oz./A ¹ (lb. a.i./A)
Barnyardgrass	<i>Echinochloa crus-galli</i>	1 to 4	3.84 (0.063 lb. a.i./A)
Broadleaf signalgrass	<i>Brachiaria platyphylla</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Crabgrass			
Large	<i>Digitaria sanguinalis</i>	1 to 3*	3.84 (0.063 lb. a.i./A)
Large	<i>Digitaria sanguinalis</i>	1 to 4*	4.57 (0.075 lb. a.i./A)
Smooth	<i>Digitaria ischaemum</i>	1 to 3*	3.84 (0.063 lb. a.i./A)
Smooth	<i>Digitaria ischaemum</i>	1 to 4*	4.57 (0.075 lb. a.i./A)
Southern	<i>Digitaria ciliaris</i>	1 to 4*	4.57 (0.075 lb. a.i./A)
Fall panicum	<i>Panicum dichotomiflorum</i>	1 to 4	3.84 (0.063 lb. a.i./A)
Foxtail			
Giant	<i>Setaria faberi</i>	1 to 4	3.84 (0.063 lb. a.i./A)
Green	<i>Setaria viridis</i>	1 to 4	3.84 (0.063 lb. a.i./A)
Millet	<i>Setaria italica</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Yellow	<i>Setaria glauca</i>	1 to 4	3.84 (0.063 lb. a.i./A)
Seedling Johnsongrass	<i>Sorghum halepense</i>	1 to 6	4.57 (0.075 lb. a.i./A)
Shattercane	<i>Sorghum bicolor</i>	4 to 10	3.84 (0.063 lb. a.i./A)
Texas panicum	<i>Panicum texanum</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Volunteer cereals			
Barley	<i>Hordeum vulgare</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Oats	<i>Avena sativa</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Wheat	<i>Triticum aestivum</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Volunteer corn**	<i>Zea mays</i>	4 to 12	3.84 (0.063 lb. a.i./A)
Wild oats	<i>Aven fatua</i>	1 to 4	4.57 (0.075 lb. a.i./A)
Wild proso millet	<i>Panicum miliaceum</i>	1 to 6	3.84 (0.063 lb. a.i./A)
* Length of lateral growth			
** Not sethoxydim resistant corn			
¹ Always add a crop oil concentrate at 1 qt./A by ground to the finished spray volume.			

USE DIRECTIONS FOR PERENNIAL GRASSES

- Make applications 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 when grasses are at maximum height and/or under heavy grass pressure.

RESTRICTIONS

- **DO NOT** exceed the maximum application rate listed in the table “CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.”
- **DO NOT** exceed the maximum number of applications per year listed in the table “CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.”
- **DO NOT** exceed the maximum yearly rate listed in the table “CROP-SPECIFIC RESTRICTIONS AND LIMITATIONS FOR DREXEL CLETHODIM 2EC.”

Table 8: INSTRUCTIONS FOR PERENNIAL GRASSES

Grass Species	Scientific Name	Weed Height* (Inches)	Rate fl. oz./A (lb. a.i./A)	High Rate fl. oz./A (lb. a.i./A)
Bermudagrass				
First Application	<i>Cynodon dactylon</i>	3 (or up to 6" runners)	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		3 (or up to 6" runners)	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Fescue, Tall				
First Application	<i>Festuca arundinacea</i>	4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Foxtail barley				
First Application	<i>Hordeum jubatum</i>	2 to 6	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		2 to 6	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Orchardgrass				
First Application	<i>Dactylis glomerata</i>	4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Quackgrass*				
First Application	<i>Elytrigia repens</i>	4 to 12	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		4 to 12	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Rhizome johnsongrass				
First Application	<i>Sorghum halepense</i>	12 to 24	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		6 to 18	7.6 (0.125 lb. a.i./A)	7.6 (0.125 lb. a.i./A)
Wirestem muhly				
First Application	<i>Muhlenbergia frondosa</i>	4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		4 to 8	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Perennial bluegrass*				
Roughstalk	<i>Poa trivialis</i>			
Kentucky	<i>Poa prantensis</i>			
First Application		2 to 4	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		2 to 4	7.6 (0.125 lb. a.i./A)	15.25 (0.250 lb. a.i./A)
Bentgrass*				
First Application	<i>Agrostis spp.</i>	2 to 4	-	15.25 (0.250 lb. a.i./A)
Repeat Application(s) (if regrowth occurs)		2 to 4	-	15.25 (0.250 lb. a.i./A)

*Control of Quackgrass, Perennial bluegrass and Bentgrass with **Drexel Clethodim 2EC** may be enhanced by adding Ammonium Sulfate (AMS) at 2.5 to 4.0 lb./A.

TANK-MIXES

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

1. Geographic restrictions – not all products are 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 (i.e., protective clothing requirements, reentry time);
5. Soil type or soil characteristics;
6. Maximum application rate or number of applications allowed per year;
7. Rain free period required;
8. Application timing (e.g. pre-harvest interval)
9. **DO NOT** exceed the total yearly rates.

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

TANK-MIX APPLICATION OF DREXEL CLETHODIM 2EC 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, which exist a few days after rainfall or within seven days after irrigation.
- Always add the appropriate adjuvant to the spray mix at the rate 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 **Drexel Clethodim 2EC** as specified in the respective size and rate tables.
- **DO NOT** tank-mix **Drexel Clethodim 2EC** when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.

MIXING INSTRUCTIONS

Use the jar test to verify mixing and compatibility properties. Maintain agitation throughout the spray application. Unsatisfactory weed control may result due to improper mixing if continuous agitation is not maintained during application.

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

Information on Antagonism

Tank-mixes of **Drexel Clethodim 2EC** with post-emergence broadleaf herbicides have shown some reduction or failure to control certain grass species which would have otherwise been controlled when **Drexel Clethodim 2EC** is applied alone. Activity of the post-emergence broadleaf herbicide in the tank-mix is not affected.

ALFALFA

Table 9: DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR ALFALFA
(Refer to the use direction tables in this label for specific grasses and growth stages.)

Product ²	Application Rates/Acre ¹			
	Annual Grasses	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + 2,4-DB ⁴	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to 2,4-DB label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to 2,4-DB label	1%	1%
Drexel Clethodim 2EC + Imazethapyr ⁵	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Imazethapyr label	-	1%	1%
Drexel Clethodim 2EC + Bromoxynil ^{6, 7}	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Bromoxynil label	-	0.5%	0.5%

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix herbicide), according to the appropriate size and rate directions.

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

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

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

⁵ Before using this tank-mix, read and understand the Imazethapyr 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 Imazethapyr to Alfalfa.

⁶ In the states of Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada and the western halves of North Dakota, South Dakota, Nebraska, and Kansas: **Drexel Clethodim 2EC** plus Bromoxynil tank-mix must be applied in the Fall or Spring to seedling Alfalfa when the majority of the field has a minimum of 2 Trifoliate leaves. Unacceptable crop injury may occur to Alfalfa seedlings less than the 2 Trifoliate leaf stage. **Drexel Clethodim 2EC** plus Bromoxynil applications made when temperatures are expected to exceed 80°F 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 trifoliate leaves. When Alfalfa stand is uneven and conditions favor leaf burn, unacceptable crop injury may occur to Alfalfa in the 2 trifoliate or smaller stage of growth. **Drexel Clethodim 2EC** plus Bromoxynil applications made when temperatures are expected to exceed 70°F and 3 days following application can result in unacceptable crop injury. Crop leaf burn can occur following **Drexel Clethodim 2EC** plus Bromoxynil application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected.

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

CANOLA

(NOT FOR USE IN CALIFORNIA)

Table 10: REDUCED RATE DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR CANOLA
(Refer to the use directions tables above for specific grasses and growth stages.)

Product	Application Rates/Acre			
	Annual Grasses ¹	Perennial Grasses	Ammonium Sulfate	
			Ground	Air
Drexel Clethodim 2EC ² + Glufosinate ³	3.84 to 4.57 fl. oz. (0.063 to 0.075 lb. a.i.) + Refer to Glufosinate label	-	3.0 lb.	3.0 lb.

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

² **DO NOT** apply **Drexel Clethodim 2EC** tank-mix during or after bolting or flowering or crop injury may occur.

³ For use only on Glufosinate-resistant canola.

COTTON

Table 11: DREXEL CLETHODIM 2EC TANK-MIXED WITH LACTOFEN AND MSMA APPLIED POST DIRECTED TO COTTON

Product ²	Application Rates/Acre ¹		Crop Oil Concentrate ³	Comments
	Annual Grasses	Perennial Grasses	Ground	
Drexel Clethodim 2EC ⁴ + Lactofen + MSMA or MSMA (6.6 lb./gal.)	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.)	5.7 to 7.6 fl. oz. (0.125 to 0.250 lb. a.i.)	1% v/v	Reduce broadcast rate in proportion to the band area actually treated.
	See the Lactofen label for rates to control broadleaf weeds and height limitations for Cotton. Refer to Drexel Clethodim 2EC 's label for weed height and species controlled.			
	See the MSMA label for rates to control broadleaf weeds and height limitations for Cotton. Refer to Drexel Clethodim 2EC 's label for weed height and species controlled.			

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix herbicide), according to the appropriate size and rate directions.

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

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

⁴ If at the time of application, grass height is so tall that post-directed applications cannot get good coverage over the top of the grassy weeds, then poor control may result and a second (non-post directed) application of **Drexel Clethodim 2EC** may be necessary.

BXN COTTON**Table 12: DREXEL CLETHODIM 2EC TANK-MIXED WITH BROMOXYNIL TO CONTROL EMERGED WEEDS IN BXN COTTON AS A BROADCAST APPLICATION**

Product ¹	Application Rates/Acre ²	Crop Oil Concentrate Per Acre ³	Comments ⁷
	Annual Grasses		
Drexel Clethodim 2EC ⁴ + Bromoxynil ^{4,5}	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) Refer to Bromoxynil label for rates to control broadleaf weeds and height limitations for Cotton.	1 qt.	See charts for grasses controlled.

¹ Broadleaf weed control may be reduced when grass populations are tall or dense enough to intercept the spray pattern and prevent them from receiving complete coverage.
² If grass regrowth occurs or an additional flush of new grass emerges, apply a second application of **Drexel Clethodim 2EC** at the specified rate with the appropriate amount of crop oil concentrate in a non-Bromoxynil tank-mix.
³ Always add a crop oil concentrate 1 qt./A by ground in the finished spray solution.
⁴ Applications of Bromoxynil can be made only to Cotton that has been genetically modified for crop resistance to post-emergence over-the-top applications of Bromoxynil.
⁵ Do not apply **Drexel Clethodim 2EC** plus Bromoxynil tank-mix within 75 days of harvest.
⁷ Use a minimum of 10 gal. of spray solution per acre.

Table 13: DREXEL CLETHODIM 2EC TANK-MIXED WITH GLYPHOSATE TO CONTROL EMERGED GRASSES IN COTTON AS A BROADCAST APPLICATION

Product	Application Rate/Acre ¹		Adjuvant		Comments
	Annual Grasses	Perennial Grasses	Glyphosate formulation with built in adjuvant	Glyphosate formulation without built in adjuvant	
Drexel Clethodim 2EC + Glyphosate	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) See Glyphosate label for rates to control broadleaf weeds and height limitations for Cotton.	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.)	Non-ionic surfactant at 0.125 to 0.25% v/v plus ammonium sulfate at 8.5 to 17 lb. per 100 gal. of carrier.	Crop oil concentrate at 1 pt./A plus ammonium sulfate at 8.5 to 17 lb. per 100 gal. of carrier.	See charts for grasses controlled Use a minimum of 10 gal. of spray solution per acre.

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** at the specified rate with the appropriate amount of crop oil.

**BEANS (DRY AND SUCCULENT SHELLED)
(NOT FOR USE IN CALIFORNIA)**

Succulent Shelled Pea and Bean subgroup 6B

Dried Shelled Pea and Bean except Soybean subgroup 6C

**Table 14: DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR DRY BEANS
(Refer to the use direction tables above for specific grasses and growth stages.)**

Product ²	Application Rates/Acre ¹			
	Annual Grasses	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Bentazon	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Bentazon label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Bentazon label	1%	1%

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

FLAX**(NOT FOR USE IN CALIFORNIA)****Table 15: REDUCED RATE DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR FLAX
(Refer to the use direction tables above for specific grasses and growth stages.)**

Product	Application Rates/Acre			
	Annual Grasses ¹	Perennial Grasses	Crop Oil Concentrate (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Bromoxynil ²	3.84 to 4.57 fl. oz. (0.063 to 0.075 lb. a.i.) + Refer to Bromoxynil label	-	1 pt.	1 pt.
Drexel Clethodim 2EC + MCPA	3.84 to 4.57 fl. oz. (0.063 to 0.075 lb. a.i.) + 0.25 to 0.5 pt.	-	1 pt.	1 pt.

¹ Annual grasses and sizes controlled with these tank-mixtures are those that are identified in the **DIRECTIONS FOR REDUCED RATE TO CONTROL SMALL ANNUAL GRASSES** table.
² **Restriction: DO NOT** apply **Drexel Clethodim 2EC** tank-mix during or after bolting or flowering. Crop injury may occur.

SOYBEAN

Table 16: DREXEL CLETHODIM 2EC TANK-MIXES³ TO CONTROL ANNUAL GRASSES WHEN USED AS A BURNDOWN IN NO-TILL SOYBEANS

Product	Product Acre Rate ¹	Grass Height	Crop Oil Concentrate ² +	28% N or 32% N qt./A or 2.5 to 4.0 lb. AMS
Drexel Clethodim 2EC + 2,4-D Ester*	2.86 fl. oz. (0.047 lb. a.i.)	Foxtail 1 to 3" Fall Panicum 1 to 3"	1 qt./A	1 to 2 qt./A or 2.5 to 4.0 lb. AMS
	3.84 fl. oz. (0.063 lb. a.i.)	Foxtail 1 to 4" Fall Panicum 1 to 4"	1 qt./A	1 to 2 qt./A or 2.5 to 4.0 lb. AMS
	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to 2,4-D label	(See Grass Chart for grasses claimed)	1 qt./A	1 to 2 qt./A or 2.5 to 4.0 lb. AMS

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

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** according to the appropriate size and rate directions.

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

³ The following products can be tank-mixed with **Drexel Clethodim 2EC** plus 2,4-D Ester: Metolachlor, Pendamethalin, Metribuzin.

**Table 17: DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS
(Refer to the use direction tables in this label for specific grasses and growth stages.)**

Product ²	Application Rates/Acre ¹			
	Annual Grasses ⁷	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Lactofen	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Lactofen label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Lactofen label	0.5 to 1%	1%
Drexel Clethodim 2EC + Bentazon	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Bentazon label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Bentazon label	1%	1%
Drexel Clethodim 2EC + Glyphosate (For use on Glyphosate resistant Soybeans only)	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Glyphosate label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Glyphosate label	0.5 to 1% ⁴	1% ⁴
Drexel Clethodim 2EC + Acifluorfen	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Acifluorfen label	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Acifluorfen label	0.5 to 1%	1%
Drexel Clethodim 2EC + Fomeasfen ⁶	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Fomeasfen label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Fomeasfen label	1%	1%
Drexel Clethodim 2EC + Chlorimuron ethyl	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Chlorimuron ethyl label	9.5 to 15.25 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Chlorimuron ethyl label	1%	1%
Drexel Clethodim 2EC ⁵ + Imazethapyr	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Imazethapyr label	7.6 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Imazethapyr label	1%	1%
Drexel Clethodim 2EC ⁵ + Lactofen + Chlorimuron ethyl	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Lactofen label + Refer to Chlorimuron ethyl label	-	0.5%	1%
Drexel Clethodim 2EC ⁵ + Lactofen + Bentazon	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Lactofen label + Refer to Bentazon label	-	0.5%	1%
Drexel Clethodim 2EC ⁵ + Lactofen + Imazethapyr	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Lactofen label + Refer to Imazethapyr label	-	0.5%	1%
Drexel Clethodim 2EC + Flumiclorac + Imazethapyr	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Flumiclorac label + Refer to Imazethapyr label	-	1%	1%

(Continued)

Table 17 (cont.): DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR SOYBEANS (Cont.)

Product ²	Application Rates/Acre ¹			
	Annual Grasses ⁷	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Flumiclorac + Bentazon	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Flumiclorac label + Refer to Bentazon label	-	1%	1%
Drexel Clethodim 2EC + Flumiclorac + Chlorimuron ethyl	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Flumiclorac label + Refer to Chlorimuron label	-	1%	1%
Drexel Clethodim 2EC + Lactofen + Flumiclorac	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Lactofen label + Refer to Flumiclorac label	-	0.5%	1%
Drexel Clethodim 2EC ⁵ + Cloransulam	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Cloransulam label	7.6 to 15.25 fl. oz. (0.125 to 0.025 lb. a.i.) + Refer to Cloransulam label	1%	-
Drexel Clethodim 2EC ⁵ + Lactofen + Cloransulam	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Lactofen label + Refer to Cloransulam label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Lactofen label + Refer to Cloransulam label	1%	-
Drexel Clethodim 2EC ⁵ + Imazamox	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Imazamox label	-	1%	-
Drexel Clethodim 2EC ⁵ + Flumiclorac	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Flumiclorac label	-	1 qt./A	-
Drexel Clethodim 2EC ⁵ + Cloransulam + Fomeasfen ⁶	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Cloransulam label + Refer to Fomeasfen label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Cloransulam label + Refer to Fomeasfen label	1%	-

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix herbicide), according to the appropriate size and rate directions.

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

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

⁴ The addition of 2.5 lb. of ammonium sulfate is required when **Drexel Clethodim 2EC** is tank-mixed with Glyphosate. If the Glyphosate formulation has a stand-alone built-in adjuvant, add 0.125% v/v non-ionic surfactant in place of crop oil concentrate. If the Glyphosate formulation does not have a built-in adjuvant system, add 0.5 to 1% crop oil concentrate for ground application and 1% v/v for aerial application.

⁵ The addition of 1 to 2 qt./A of liquid fertilizer (10-34-0, or 32% N) is advised when **Drexel Clethodim 2EC** is tank-mixed with Imazethapyr, Flumiclorac, Bentazon, Acifluorfen, Cloransulam, Thifensulfuron, Chlorimuron, Imazamox, or Lactofen herbicides. An equivalent amount (2.5 to 4.0 lb./A) of adjuvants are to be added in addition to the crop oil concentrate.

⁶ Refer to Fomesafen 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 USE IN SOYBEANS AT A REDUCED RATE** table.

Table 18: REDUCED RATE DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR SOYBEAN
(Refer to table for reduced rate use in dry bean, canola, flax, mustard seed, soybean and sugar beet use directions for small annual grasses for specific grasses and growth stages.)

Product	Application Rates/Acre ¹			
	Annual Grasses ²	Perennial Grasses	Crop Oil Concentrate ^{3,4} (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Cloransulam	3.84 to 7.6 fl. oz. (0.063 to 0.125 lb. a.i.) + Refer to Cloransulam label	-	1%	1%
Drexel Clethodim 2EC + Imazethapyr	3.84 to 5.7 fl. oz. (0.063 to 0.094 lb. a.i.) + Refer to Imazethapyr label	-	1%	1%

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix herbicide), according to the appropriate size and rate directions.

² Annual grasses and sizes controlled with these tank-mixes are those that are identified in the **DIRECTIONS FOR USE DIRECTIONS FOR SMALL ANNUAL GRASSES** table.

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

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

Table 19: USE DIRECTIONS FOR GLYPHOSATE RESISTANT VOUNTEER CORN CONTROL IN GLYPHOSATE RESISTANT SOYBEANS WITH DREXEL CLETHODIM 2EC HERBICIDE TANK-MIX

Glyphosate-resistant Volunteer Corn Height (inches)	Drexel Clethodim 2EC Rate fl. oz./A	Glyphosate ¹ rate for formulations <u>with</u> built in adjuvant	Adjuvant
<12	3.84 (0.063 lb. a.i.)	1.0 to 2.0 lb. a.i./A (Refer to Glyphosate label)	Non-ionic surfactant at 0.125 to 0.25% v/v plus ammonium sulfate at 8.5 to 17 lb. per 100 gal./ of carrier
12 to 18	4.57 (0.075 lb. a.i.)		
18 to 24	5.7 (0.094 lb. a.i.)		
Glyphosate-resistant Volunteer Corn Height (inches)	Drexel Clethodim 2EC Rate fl. oz./A	Glyphosate ¹ rate for formulations <u>without</u> built in adjuvant	Adjuvant
<12	3.84 (0.063 lb. a.i.)	1.0 to 2.0 lb. a.i./A (Refer to Glyphosate label)	Crop oil concentrate at 1 pt./A plus ammonium sulfate at 8.5 to 17 lb./100 gal. of carrier
12 to 18	4.57 (0.075 lb. a.i.)		
18 to 24	5.7 (0.094 lb. a.i.)		

• 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 **Drexel Clethodim 2EC**, as specified in the respective size and rate tables.
 • **DO NOT** tank-mix **Drexel Clethodim 2EC** when broadleaf weeds are tall and/or dense enough to prevent proper grass coverage.
 • This tank-mix may be applied post-emergence to Glyphosate resistant 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 plant and trees, other than soybeans with the Glyphosate resistant gene as severe injury or destruction will result.
 • **DO NOT** allow **Drexel Clethodim 2EC** plus Glyphosate 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 **Drexel Clethodim 2EC** 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, including combinations of spray pressure and nozzle type that will result in fine particles (mist) that are likely to drift.

¹ Glyphosate formulation must be labeled for use on Glyphosate resistant soybeans.

PEANUT (Including PERENNIAL)

(NOT FOR USE IN CALIFORNIA)

Table 20: DREXEL CLETHODIM 2EC TANK-MIXES WITH BROADLEAF HERBICIDES FOR PEANUT

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

Product ²	Application Rates/Acre ¹			
	Annual Grasses	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Bentazon	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Bentazon label	-	1%	1%
Drexel Clethodim 2EC + Acifluorfen	7.6 to 9.5 fl. oz. (0.125 to 0.156 lb. a.i.) + Refer to Acifluorfen label	-	1%	1%

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

Table 21: USE DIRECTIONS FOR GRASS SUPPRESSION FOR HARVEST EFFICIENCY IN PEANUT WITH DREXEL CLETHODIM 2EC

Grass Species	Weed Stage	Rate Fl. Oz./ A	High Rate
Annual and Perennial grasses that exceed height claimed for control on height charts "USE DIRECTIONS FOR ANNUAL GRASSES" AND "USE DIRECTIONS FOR PERENNIAL GRASSES"	Up to and including grasses in the seed head stage.	15.25 (0.250 lb. a.i.)	30.5 (0.50 lb. a.i.)

DO NOT apply as part of a tank-mix when applying **Drexel Clethodim 2EC** for grass suppression.
Add a crop oil concentrate at 1 qt./A by ground to the finished spray volume.

SUGAR BEET

Table 22: DREXEL CLETHODIM 2EC TANK-MIXED WITH CLOPYRALID APPLIED TO SUGAR BEETS

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

Product ²	Application Rates/Acre ¹			
	Annual Grasses	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Clopyralid	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.)	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) See the Clopyralid label for rates. Refer to Drexel Clethodim 2EC's label for weed height and species controlled.	1% v/v	

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

Table 23: DREXEL CLETHODIM 2EC TANK-MIXED WITH DESMEDIPHAM OR PHENMEDIPHAM APPLIED TO SUGAR BEETS

Product ²	Weeds Controlled		Weed Height (inches)	Application Rates/Acre ¹
	Common Name	Scientific Name		
Drexel Clethodim 2EC ³ + Phenmedipham + Desmedipham or Desmedipham	Barnyardgrass	<i>Echinochloa crus-galli</i>	1 to 3	7.6 fl. oz. (0.125 lb. a.i.)
	Foxtail	<i>Setaria</i> spp.	1 to 3	
	Foxtail millet	<i>Setaria italica</i>	1 to 3	
	Wild oats	<i>Avena fatua</i>	1 to 3	
	Wild proso millet	<i>Panicum milaceum</i>	1 to 3	
See the Desmedipham and Phenmedipham labels for rates to control broadleaf weeds. No additives are specified in the tank-mix.				

¹ **DO NOT** use crop oil concentrate. No additives are specified in the tank-mix.

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

³ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** at full label rate with appropriate rate of crop oil concentrate.

Table 24: DREXEL CLETHODIM 2EC PLUS DESMEDIPHAM AND PHENMEDIPHAM TANK-MIX FOR THREE SEQUENTIAL APPLICATIONS FOR ANNUAL GRASS CONTROL (MICRO-RATE APPLICATION)

Product	Application Rates/Acre ¹			
	Annual Grasses	Grasses Controlled (Inches)	Methylated Seed Oil ² (V/V)	
			Ground	Air
Drexel Clethodim 2EC + Desmedipham + Phenmedipham	1.9 to 2.86 fl. oz. (0.031 to 0.047 lb. a.i.) + Refer to Desmedipham and Phenmedipham labels ³	Green foxtail (1 to 2) Yellow foxtail (1 to 2) Barnyardgrass (1 to 2) Wild oat (1 to 2) Volunteer cereals (1 to 2)	1.5%	1.5%

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

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

³ Use 7.6 fl. oz./A (0.125 lb. a.i./A) rate when Sugar beets are in the cotyledon to 4-leaf stage. Rate can be increased up to 11.46 fl. oz./A (0.188 lb. a.i./A) when the smallest Sugar beet plants in the field are in the 4-leaf stage or larger.

USE DIRECTIONS FOR USE FOR MICRO-RATE APPLICATIONS TO SUGAR BEETS

Multiple micro-rate applications of **Drexel Clethodim 2EC** in tank-mixtures with reduced rates of Desmedipham or Phenmedipham and Methylated seed oils may be applied by air or ground equipment to Sugar beet to control early germinating Annual grasses listed above. Refer to Desmedipham or Phenmedipham product labels for use rates. Favorable climatic conditions (good conditions for plant growth and development) are essential for adequate weed control. All use precautions and restrictions on the Desmedipham or Phenmedipham master labels must be followed.

DIRECTIONS FOR USING MICRO-RATE MULTIPLE APPLICATIONS OF DREXEL CLETHODIM 2EC TANK-MIXES

Apply **Drexel Clethodim 2EC** in broadcast applications only at a rate of 1.9 to 2.86 fluid ounces per acre (0.031 to 0.047 lb. a.i./A) in tank-mixture with either Desmedipham or Phenmedipham. Refer to Desmedipham or Phenmedipham product labels for use rates. If weed control is not adequate due to climatic conditions, spray coverage or other factors, return to conventional application rates of **Drexel Clethodim 2EC** (5.7 to 7.6 fl. oz./A) (0.094 to 0.125 lb. a.i./A) and add rates of Desmedipham or Phenmedipham as directed on their label. When using conventional rates of Desmedipham or Phenmedipham in tank-mixtures with **Drexel Clethodim 2EC**, a spray adjuvant is not advised.

USE PRECAUTIONS FOR MICRO-RATE APPLICATIONS: (SEE DREXEL CLETHODIM 2EC, DESMEDIPHAM OR PHENMEDIPHAM MASTER LABELS FOR FURTHER USE PRECAUTIONS.)

Not all weeds will be adequately controlled, even with favorable climatic conditions. Conventional rates of **Drexel Clethodim 2EC**, Desmedipham or Phenmedipham 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.

To the extent consistent with applicable law, Drexel will not be responsible for any nozzle plugging that may occur with the use of multiple micro-rate applications.

GROUND APPLICATION

Use of sufficient spray volumes and pressure is essential to ensure complete coverage. Use a minimum of 10 gallons and a maximum of 20 gallons of spray solution per acre. Spray pressures must 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 gallons and a maximum of 15 gallons of spray solution per acre.

Table 25: TANK-MIX APPLICATION OF DREXEL CLETHODIM 2EC AND FUNGICIDES FOR CONTROL OF GRASS WEEDS AND DISEASES IN SUGAR BEET

Product ²	Application Rates/Acre ¹			
	Annual Grasses	Perennial Grasses	Crop Oil Concentrate ³ (V/V)	
Drexel Clethodim 2EC + Tetrazonazole	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) +	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) +	1%	1%
	Refer to Tetrazonazole label	Refer to Tetrazonazole label		

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix fungicide), according to the appropriate size and rate directions.

² Refer to **Drexel Clethodim 2EC** and fungicide label for rates and weeds and diseases controlled.

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

Table 26: TANK-MIX APPLICATION OF DREXEL CLETHODIM 2EC AND INSECTICIDES FOR THE CONTROL OF GRASS WEEDS AND INSECTS IN ALFALFA, COTTON, PEPPERMINT and SPEARMINT TOPS, PEANUTS (Including PERENNIAL), SOYBEANS and SUNFLOWER

Application Rates/Acre ¹				Crops					
Product ²	Annual Grasses	Perennial Grasses	Crop Oil Concentrate (V/V) ³	Alfalfa ⁴	Cotton	Peppermint and Spearmint Tops ^{4,5}	Peanut	Soybean	Sunflower
Drexel Clethodim 2EC + Acephate	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Acephate label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Acephate label	1%		X	X	X	X	
Drexel Clethodim 2EC + Fenpropathrin	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Fenpropathrin label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Fenpropathrin label	1%		X		X		
Drexel Clethodim 2EC + Esfenvalerate	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Esfenvalerate label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Esfenvalerate label	1%						X
Drexel Clethodim 2EC + Lamda Cyhalothrin	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.) + Refer to Lamda Cyhalothrin label	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.) + Refer to Lamda Cyhalothrin label	1%						X
Drexel Clethodim 2EC + Lamda Cyhalothrin	9.5 to 15.25 fl. oz. ⁶ (0.156 to 0.250 lb. a.i.) + Refer to Lamda Cyhalothrin label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Lamda Cyhalothrin label	1%	X					
Drexel Clethodim 2EC + B-cyfluthrin	9.5 to 15.25 fl. oz. ⁶ (0.156 to 0.250 lb. a.i.) + Refer to B-cyfluthrin label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to B-cyfluthrin label	1%	X					
Drexel Clethodim 2EC + Dimethoate	9.5 to 15.25 fl. oz. ⁶ (0.156 to 0.250 lb. a.i.) + Refer to Dimethoate label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Dimethoate label	1%	X					
Drexel Clethodim 2EC + Chlorpyrifos	9.5 to 15.25 fl. oz. ⁶ (0.156 to 0.250 lb. a.i.) + Refer to Chlorpyrifos label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Chlorpyrifos label	1 to 2 pt. ⁷	X					
Drexel Clethodim 2EC + Permethrin	9.5 to 15.25 fl. oz. ⁶ (0.156 to 0.250 lb. a.i.) + Refer to Permethrin label	9.5 to 15.25 fl. oz. (0.156 to 0.250 lb. a.i.) + Refer to Permethrin label	1%	X					

¹ If grass regrowth occurs or an additional flush of new grass emerges, make a second application of **Drexel Clethodim 2EC** alone (without a tank-mix insecticide), according to the appropriate size and rate directions.

² Refer to **Drexel Clethodim 2EC** and insecticide label for rates, weeds, and insects controlled.

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

⁴ Certain insecticides may cause temporary phytotoxic symptoms on Alfalfa, Peppermint and Spearmint tops foliage.

⁵ **Drexel Clethodim 2EC** rate must be 5.7 to 7.6 fl. oz./A (0.094 to 0.125 lb. a.i./A) for Annual grass control in baby Mint, minimum of 8 fl. oz./A for Annual grass control in established Peppermint and Spearmint tops and 7.6 to 15.25 fl. oz./A (0.125 to 0.250 lb. a.i./A) for Perennial grass control. Crop oil concentrate needs to be added at the rate of 1.0 to 2.0 pt./A.

⁶ **Drexel Clethodim 2EC** rate must be 5.7 to 7.6 fl. oz./A (0.094 to 0.125 lb. a.i./A) for Annual grass control in seedling Alfalfa.

⁷ For **Drexel Clethodim 2EC** plus Chlorpyrifos tank-mix, reduce the adjuvant rate down to 1.0 pt./A when the Chlorpyrifos rate is 1.0 pt./A or higher.

+ DIRECTIONS FOR USE IN FALLOW LAND

Drexel Clethodim 2EC 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 **Drexel Clethodim 2EC** at 5.7 to 7.6 fluid ounces per acre (0.094 to 0.125 lb. a.i./A) for Annual grasses and 7.6 to 15.25 fluid ounces per acre (0.125 to 0.250 lb. a.i./A) for Perennial grasses. When both grass and broadleaf weeds are the target pest, **Drexel Clethodim 2EC** may be tank-mixed with 2,4-D Ester, or Dicamba for broad-spectrum control. When both Annual and Perennial grasses occur in the same field, use a minimum of 7.6 fluid ounces per acre (0.125 lb. a.i./A) **Drexel Clethodim 2EC** rate.

Table 27: DREXEL CLETHODIM 2EC IN TANK-MIXES TO CONTROL ANNUAL AND PERENNIAL GRASSES IN FALLOW LAND

Product	Application Rates/Acre ¹		Crop Oil Concentrate ²	
	Annual Grasses	Perennial Grasses	Ground	Air
Drexel Clethodim 2EC + 2,4-D Ester or Dicamba	5.7 to 7.6 fl. oz. (0.094 to 0.125 lb. a.i.)	7.6 to 15.25 fl. oz. (0.125 to 0.250 lb. a.i.)	1% v/v	
	0.50 lb./A			
	See the Dicamba label for rates.			

¹ Refer to **Drexel Clethodim 2EC** label for weed height and species control. Review the Dicamba 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.

Table 28: USE DIRECTIONS FOR GRASS SUPPRESSION NON-CROP AREAS WITH DREXEL CLETHODIM 2EC

Grass Species	Weed Stage	Rate Fl. Oz./ A	High Rate
Annual and Perennial grasses that exceed height claimed for control on height charts above.	Up to and including grasses in the seed head stage	11.46 (0.188 lb. a.i.)	15.25 (0.250 lb. a.i.)
DO NOT apply as part of a tank-mix when applying Drexel Clethodim 2EC for grass suppression. Add a crop oil concentrate at 1 qt./A by ground to the finished spray volume.			

Table 29: DREXEL CLETHODIM 2EC FOR THE CONTROL AND/OR SUPPRESSION OF TALL FESCUE IN NATIVE PRAIRIE WARM-SEASON GRASS RESTORATION PROJECTS

Product	Product Rates	Grass Weeds Controlled/ Suppressed		Weed Stages
		Common Name	Scientific Name	
Drexel Clethodim 2EC	9.5 to 11.46 fl. oz./A (0.156 to 0.188 lb. a.i./A)	Tall Fescue	<i>Festuca arundinacea</i>	4 to 6 inches (40 to 60% green-up)
Adjuvant: Drexel Clethodim 2EC must be applied with crop oil concentrate at 1 qt./A, plus a spray grade ammonium sulfate at 2.5 to 4 lb./A.				
Mixing Order: Thoroughly mix spray grade ammonium sulfate in water, add Drexel Clethodim 2EC , then add crop oil concentrate.				

SPECIAL APPLICATION INSTRUCTIONS

- Burn or mow fields a minimum of three weeks prior to application to remove excess crop residue. Apply in the Spring, at 40 to 60% Tall fescue green-up, prior to emergence of warm-season grasses.
- Apply in a minimum of 15 to 20 gallons of water per acre at a spray pressure of 40 to 60 PSI at the nozzle. Apply using flat fan or hollow cone nozzles.
- Apply only to fields that have warm-season grasses established for two years. Applications of **Drexel Clethodim 2EC** to emerged warm-season grasses may cause injury.

NOTE: Drexel Clethodim 2EC applications are most effective if applied when average nighttime temperatures are consistently greater than or equal to 47°F.

RESTRICTIONS

- **DO NOT** apply more than 11.46 fl. oz. (0.188 lb. a.i.) of **Drexel Clethodim 2EC** per acre per application.
- **DO NOT** apply more than 3 applications per year when using reduced application rates.
- **DO NOT** apply to warm-season grasses grown for seed.
- **DO NOT** graze treated fields or feed treated forage and or hay to livestock.

Table 30: DREXEL CLETHODIM 2EC FOR THE SUPPRESSION OF TALL FESCUE SEED-HEADS IN NON-PRODUCING AGRICULTURAL AREAS

Product	Product Rate	Suppression	Application Timing
Drexel Clethodim 2EC	1.4 to 1.9 fl. oz./A (0.023 to 0.031 lb. a.i./A)	Tall fescue seed heads <i>Festuca arundinacea</i>	50 to 90% Tall fescue green-up
Adjuvant: Drexel Clethodim 2EC must be applied with crop oil concentrate at 1 qt./A, plus a spray grade ammonium sulfate at 2.5 to 4 lb./A.			
Mixing Order: Thoroughly mix spray grade ammonium sulfate in water, add Drexel Clethodim 2EC , then add crop oil concentrate.			

SPECIAL APPLICATION INSTRUCTIONS

- Apply at 50 to 90% Tall fescue green-up.
- Use the higher **Drexel Clethodim 2EC** rate if less tall fescue green matter is present.
- Apply in a minimum of 15 to 20 gallons of water per acre at a spray pressure of 40 to 60 psi at the nozzle. Apply using flat fan or hollow cone nozzles.
- 2,4-D Ester may be added to this tank-mix for broadleaf control (see the 2,4-D Ester label for weeds controlled).

RESTRICTIONS

- **DO NOT** apply more than 1.9 fl. oz. (0.031 lb. a.i.) of **Drexel Clethodim 2EC** per acre per application.
- **DO NOT** apply more than 7.6 fl. oz. (0.125 lb. a.i.) of **Drexel Clethodim 2EC** per acre per year.
- **DO NOT** apply more than 4 applications per year.
- **DO NOT** graze treated fields or feed treated forage and/or hay to livestock.

DIRECTIONS FOR USE IN ORNAMENTALS

IMPORTANT

Drexel Clethodim 2EC successfully controls weeds in newly transplanted and established non-grassy Ornamentals. Plant sensitivity to **Drexel Clethodim 2EC** at labeled rates has been found to be acceptable for the indicated genera and species listed below. Due to variability within species, crop growth stage, environmental conditions, and application techniques, it is advised that the user determine if herbicide can be used safely on a few plants prior to widespread application. Neither the seller nor the manufacturer of **Drexel Clethodim 2EC** have investigated the safety factor to Ornamental plants not listed on the label.

The following plants have shown a non-sensitivity for **Drexel Clethodim 2EC** applications:

Table 31: 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>
Crabapple, Flowering	<i>Malus halliana</i>
Dogwood, Flowering	<i>Cornus, florida</i>
Golden chain tree	<i>Laburnum anagyroides</i>
Maples	<i>Acer</i> spp.
Mulberry, White	<i>Morus alba</i>
Oaks	<i>Quercus</i> spp.
Olive, Wild	<i>Elaeagnus angustifolia</i>
Redbud	<i>Cercis canadensis</i>
Sweet gum, American	<i>Liquidambar styraciflua</i>

Table 32: GARDEN FLOWERS AND PLANTS

Common Name	Scientific Name
Ageratum	<i>Ageratum</i> spp.
Alyssum*, Sweet	<i>Lobularia maritime</i>
Asparagus fern	<i>Asparagus setaceus</i>
Bleeding heart	<i>Dicentra spectabilis</i>
Cast iron plant	<i>Aspidistra alatifolia</i>
Chrysanthemum	<i>Chrysanthemum</i> spp.
Cinquefoil	<i>Potentilla</i> spp.
Coleus	<i>Coleus</i> spp.
Coralbelles	<i>Heuchera sanguinea</i>
Cranesbill	<i>Geranium</i> spp.
Dahlia	<i>Dahlia</i> spp.
Daisy, Trailing African	<i>Osteospermum fruticosum</i>
Daylily	<i>Hemerocallis</i> spp.
Dusty miller	<i>Senecio cineraria</i>
Euonymus	<i>Euonymus</i> spp.
Gazania	<i>Gazania</i> spp.
Geranium, House	<i>Pelargonium hortorum</i>
Heather, False	<i>Cuphea hyssopifolia</i>
Hosta	<i>Hosta fortunei</i>
Iris	<i>Iris</i> spp.
Jasmine tobacco	<i>Nicotiana glauca</i>
Loosestrife	<i>Lythrum salicaria</i>
Marigold	<i>Tagetes</i> spp.
Partridgeberry	<i>Mitchella repens</i>
Petunia*	<i>Petunia hybrida</i>
Phlox	<i>Phlox</i> spp.
Pinks	<i>Dianthus</i> spp.
Portulaca	<i>Portulaca grandiflora</i>
Salvia	<i>Salvia</i> spp.
Saxifrage	<i>Saxifraga</i> spp.
Sedum	<i>Sedum</i> spp.
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</i> spp.
Verbena	<i>Verbena</i> spp.
Violet	<i>Viola</i> spp.
Yarrow, Common	<i>Achillea millefolium</i>
Zinnia	<i>Zinnia elegans</i>
*Slight foliage or flower speckling has been observed on these species.	

Table 33: GROUND COVERS

Common Name	Scientific Name
Bugleweed, Carpet	<i>Ajuga reptans</i>
Ivy, English	<i>Hedera helix</i>
Japanese spurge	<i>Pachysandra terminalis</i>
Lilyturf	<i>Liriope muscari</i>
Moneywort	<i>Lysimachia nummularia</i>
Mondo grass, White	<i>Ophiopogon jaburan</i>
Mondo grass, Dwarf	<i>Ophiopogon japonicus</i>
Periwinkle, Common	<i>Vinca minor</i>

Table 34: SHRUBS

Common Name	Scientific Name
Abelia	<i>Abelia</i> spp.
Anise, Purple	<i>Illicium floridenum</i>
Aucuba	<i>Aucuba</i> spp.
Azalea*	<i>Rhododendron</i> spp.
Bamboo	<i>Bambusa</i> spp.
Barberry, Japanese	<i>Berberis thunbergii</i>
Barberry, Magellan	<i>Berberis buxifolia</i>
Baryberry	<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 pileate</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>
Photina	<i>Photina</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>Spirea bumalda</i>
Sweet 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.

Table 35: USE DIRECTIONS 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. / A) ¹	High Rate ²
Barnyardgrass	<i>Echinochloa crus-galli</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Broadleaf Signalgrass	<i>Brachiaria platyphylla</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Brome				
California	<i>Bromus carinatus</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Cheatgrass	<i>Bromus secalinus</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Downy	<i>Bromus tectorum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Ripgut	<i>Bromus diandrus</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Canarygrass	<i>Phalaris canariensis</i>	1 to 4	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Crabgrass				
Hairy	<i>Digitaria adscendens</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Large	<i>Digitaria sanguinalis</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Smooth	<i>Digitaria ischaemum</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Southern	<i>Digitaria ciliaris</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Fall Panicum	<i>Panicum dichotomiflorum</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Field Sandbur	<i>Cenchrus incertus</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Foxtail				
Giant	<i>Setaria faberi</i>	2 to 12	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Green	<i>Setaria viridis</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Yellow	<i>Setaria glauca</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Foxtail Barley	<i>Hordeum jubatum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Goosegrass	<i>Eleusine indica</i>	2 to 6**	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Itchgrass	<i>Rottboellia exaltata</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Junglerice	<i>Echinochloa colona</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Lovegrass (Stinkgrass)	<i>Eragrostis cilianensis</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Rabbitsfootgrass	<i>Polypogon monspeliensis</i>	1 to 4	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Red rice	<i>Oryza sativa</i>	1 to 3	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Ryegrass				
Hardy	<i>Lolium remotum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Italian	<i>Lolium multiflorum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Seedling Johnsongrass	<i>Sorghum halepense</i>	4 to 10	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Shattercane	<i>Sorghum bicolor</i>	6 to 18	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Southwestern cupgrass	<i>Eriochloa gracillis</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Sprangletop				
Amazon	<i>Leptochloa panicoides</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Bearded	<i>Leptochloa fascicularis</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Mexican	<i>Leptochloa uninervia</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Red	<i>Leptochloa filiformis</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Texas Panicum	<i>Panicum texanum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Volunteer cereals				
Barley	<i>Hordeum vulgare</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Oats	<i>Avena sativa</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Rye	<i>Secale cereale</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Wheat	<i>Triticum aestivum</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Volunteer corn	<i>Zea mays</i>	4 to 12	5.7 (0.094 lb. a.i. / A)	7.6 (0.125 lb. a.i. / A)
Volunteer corn	<i>Zea mays</i>	12 to 24	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Volunteer grain sorghum	<i>Sorghum bicolor</i>	8 to 12	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Wild oats	<i>Avena fatua</i>	2 to 6	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Wild proso millet	<i>Panicum miliaceum</i>	2 to 10	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Witchgrass	<i>Panicum capillare</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Woolly cupgrass	<i>Eriochloa villosa</i>	2 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)

*Occurs between 3-leaf stage and tillering.

**Length of lateral growth.

¹ 7.6 fl. oz./A (0.125 lb. a.i./A) = approximately 0.17 fl. oz./1000 sq. ft.

² 15.25 fl. oz./A (0.250 lb. a.i./A) = approximately 0.35 fl. oz./1000 sq. ft. Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt./50 gal. (0.25% v/v).

Table 36: USE DIRECTIONS FOR ANNUAL BLUEGRASS CONTROL WITH DREXEL CLETHODIM 2EC IN ORNAMENTALS

Grass Species	Weed Stage	Rate Fl. Oz./A	High Rate
Annual bluegrass (<i>Poa annua</i>)	To 4-leaf	5.7 (0.094 lb. a.i./A)	15.25 (0.250 lb. a.i.)
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./50 gal. (0.25% v/v).			

Table 37: USE DIRECTIONS 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	Scientific Name	Weed Height (Inches)	Rate (Fl. Oz. / A) ¹	High Rate ²
Bermudagrass	<i>Cynodon dactylon</i>			
First Application		3 (or up to 6" runners)	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Repeat Application(s) (if regrowth occurs)		3 (or up to 6" runners)	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Quackgrass	<i>Elytrigia repens</i>			
First Application		4 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Repeat Application(s) (if regrowth occurs)		4 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Rhizome Johnsongrass	<i>Sorghum halepense</i>			
First Application		12 to 24	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Repeat Application(s) (if regrowth occurs)		6 to 18	5.7 (0.094 lb. a.i. / A)	7.6 (0.125 lb. a.i. / A)
Wirestem muhly	<i>Muhlenbergia frondosa</i>			
First Application		4 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)
Repeat Application(s) (if regrowth occurs)		4 to 8	7.6 (0.125 lb. a.i. / A)	15.25 (0.250 lb. a.i. / A)

¹ 7.6 fl. oz./A (0.125 lb. a.i. / A) = approximately 0.17 fl. oz./1000 sq. ft.

² 15.25 fl. oz./A (0.250 lb. a.i. / A) = approximately 0.35 fl. oz./1000 sq. ft.

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

STORAGE AND DISPOSAL

DO NOT contaminate water, foodstuffs or feed by storage or disposal.

PESTICIDE STORAGE: Keep container tightly closed when not in use. If exposed to subfreezing temperatures, the product must be warmed up to at least 40°F and mixed thoroughly before using.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable Container (High Density Polyethylene (HDPE); ≤ 5 gal.): 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 one-fourth 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. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (High Density Polyethylene (HDPE); > 5 gal. up to < 250 gal.): 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. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Refillable Container (High Density Polyethylene (HDPE); ≥ 250 gal. and Bulk): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY – CONDITIONS OF SALE

Our DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed, and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with the directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with the directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

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