



For Use in Container and Field-Grown Conifers (Including Christmas Trees) and Deciduous Trees, Around Established Woody Ornamentals in Landscapes and Maintain **Non-Crop Areas and Dormant Bermudagrass** 

For Use to Maintain Bare Ground Non-Crop Areas, Conifer and Poplar Re-Forestation Sites\*\* For the Management of Undesirable Aquatic Vegetation in Slow Moving or Quiescent Waters \*\*Not for use in California

ACTIVE INGREDIENT:	(% by weight)
Flumioxazin*	 41.4%
OTHER INGREDIENTS:	 58.6%
TOTAL.	 100.00/

\*2-[7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione Semera™ SC contains 4 pounds flumioxazin per gallon.

EPA Reg. No.: 91234-204

### Shake Well Before Use KEEP OUT OF REACH OF CHILDREN

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 below for additional Precautionary Statements.

**HOT LINE NUMBER** - Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.

> For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)



### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes 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
- shoes and socks

### **User Safety Requirements**

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

### **USER SAFETY RECOMMENDATIONS**

#### **Users Should:**

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

### **ENVIRONMENTAL HAZARDS**

If not used in accordance with directions on the label, this product is toxic to non-target plants and aquatic invertebrates. For terrestrial uses: **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply directly to treated, finished drinking water reservoirs or drinking water receptacles when water is intended for human consumption. Drift and runoff may be hazardous to non-target plants and aquatic organisms in water adjacent to treated areas. **DO NOT** apply where runoff is likely to occur. **DO NOT** apply when weather conditions favor drift from treated areas. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

This pesticide is toxic to plants. Use strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard, treat 1/3 to 1/2 of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is needed.

**DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For quidance contact your State Water Board or Regional Office of the EPA.

### PHYSICAL OR CHEMICAL HAZARDS

**DO NOT** mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

### DIRECTIONS FOR USE

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

Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions, and with applicable state and federal regulations.

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

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 (REI). The requirements in this box only apply to users 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 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil or water is: coveralls, chemical-resistant gloves made of water-proof material, shoes plus socks.

### **NON-AGRICULTURAL USE REQUIREMENTS**

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

Keep all unprotected persons out of operating areas, or vicinity where there may be drift.

**DO NOT** enter or allow others to enter the treated area until sprays have dried.

### PRODUCT INFORMATION

This product is a fast-acting contact herbicide that controls selected submersed, emergent, and floating aquatic weeds. It is most effective when applied to young, actively-growing weeds in water with a pH of less than 8.5.

Application of this product to public aquatic areas may require special approval and/ or permits. Consult with local state agencies, if required.

### **USE RESTRICTIONS**

- **DO NOT** apply to intertidal or estuarine areas.
- **DO NOT** exceed 400 ppb of this product during any one application.
- **DO NOT** re-treat the same section of water with this product more than 6 times per year.
- DO NOT retreat the same section of water within 28 days of application, except in areas with dense weed vegetation. In these areas, treat the remaining weeds within 10 to 14 days.
- In high density weed populations only treat 1/2 the water body at one time.
- Treated water may not be used for irrigation purposes on food crops until at least five (5) days after application.
- DO NOT use in water utilized for crawfish farming.



### **USE PRECAUTIONS**

- There is no post-application holding restriction against use of treated water for drinking or recreational purposes (e.g. swimming, fishing).
- Treated water may be used for irrigation purposes on turf and landscape ornamentals as outlined in the Irrigation Restrictions Following Application table.

This product is a fast acting contact herbicide for use in the management of undesirable aquatic vegetation in slow moving or quiescent waters, to maintain non-crop areas, conifer and poplar re-forestation sites, container and field-grown conifers (including Christmas trees) and deciduous trees, around established woody ornamentals in land-scapes and dormant Bermudagrass.

This product is also effective as a preemergence and/or postemergence herbicide for control of selected grass and broadleaf weeds.

This product controls weeds by inhibiting protoporphyrinogen oxidase, an essential enzyme required by plants for chlorophyll biosynthesis. Seedling weeds are controlled preemergence when exposed to sunlight following contact with the soil-applied herbicide.

This product may cause spotting or speckling on foliage if the spray solution directly contacts actively-growing plant foliage or green bark. Leaves that receive indirect (drift) spray contact may be affected in a similar manner. Translocation of this product is limited, and under most conditions established and vigorously growing woody ornamentals will rapidly outgrow any injury symptoms. However, direct application to actively-growing foliage can cause severe injury or death with sensitive ornamental plant species, especially in herbaceous bedding plants and flowers.

**IMPORTANT:** When applied as directed, plants listed on this label have shown tolerance to this product. However, this product is a very active herbicide. Exercise responsible judgment and caution until familiarity is gained with this product. Due to variability within species, crop growth stage, environmental conditions and application techniques, it is directed that users test this product under local growing conditions on a small number of plants and evaluate for 4 to 6 weeks for phytotoxicity. Testing this product on a small number of plants will determine if the herbicide can be used safely on a widespread application. Neither the seller nor the manufacturer of this product has investigated the safety to plants not listed on the label.

### **WEED RESISTANCE MANAGEMENT**

This product is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed. To delay herbicide resistance take one or more of the following steps:

- Rotate this product or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seedling rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

- 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 and to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method including hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local sales representative, crop advisor, or extension agent to find out
  if suspected resistant weeds to this MOA have been found in your region. If resistant
  biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple
  effective mechanisms of action.
- Contact your local sales representative, agricultural dealer, consultant, local extension specialist, applicator, crop advisor, and/or appropriate state agricultural extension service representative for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- Report any incidence of non-performance of this product against a particular weed species to your local sales representative or agricultural dealer, or contact Atticus, LLC at (984) 465-4754.

### **BEST MANAGEMENT PRACTICES**

- Plant into weed-free fields and keep fields as weed-free as possible.
- Use a diversified approach toward weed management. Whenever possible incorporate multiple weed control practices including mechanical cultivation, biological management practices, and crop rotation.
- Fields with difficult-to-control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.
- DO NOT allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seed-bank.
- Prevent field-to-field and within-field movement of weed seed or vegetative propagules.
- Prevent an influx of weeds into the field by managing field borders.
- Identify weeds present in the field through scouting and field history and understand their biology. The weed control program should consider all of the weeds present.
- Difficult-to-control weeds may require sequential applications of herbicides with differing mechanisms of action.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.
- Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed control program. DO NOT use more than two applications of this or any other herbicide with the same mechanism of action within one year unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.
- If resistance is suspected, treat weed escapes with an herbicide with a different MOA or use non-chemical methods to remove escapes.



### PREEMERGENCE APPLICATION

Make the preemergence application of this product prior to weed emergence. Moisture is necessary to activate this product for residual weed control. Moisture is needed to move this product into the soil for preemergence weed control. Dry weather following application of this product may reduce effectiveness. However, when adequate moisture is received after dry conditions, this product will control susceptible germinating weeds.

When adequate moisture is not received soon after this product is applied to soil, weed control may be improved by using shallow cultivation. If weeds begin to emerge, irrigate (1/2" of water) or cultivate uniformly with shallow tillage equipment that will not damage the crop. Deep cultivation reduces the effectiveness of this product.

### POSTEMERGENCE APPLICATION

For best results, apply this product to actively-growing weeds. The most effective postemergence weed control with this product occurs when applied in combination with a surfactant to weeds less than 2 inches in height. Applying this product under conditions that **DO NOT** promote active weed growth will reduce herbicide effectiveness. **DO NOT** apply this product when the weeds are under stress due to drought, excessive water and extremes in temperatures or disease. This product is most effective when applied under sunny conditions at temperatures above 65° F. This product is rainfast one hour after application. **DO NOT** make applications if rain is expected within one hour of application or efficacy may be reduced.

### **SOIL CHARACTERISTICS**

Application of this product to soils with high organic matter and/or high clay content may require higher dosages than with soils with low organic matter and/or low clay content. Application to cloddy seedbeds can result in reduced weed control.

### TANK MIXES

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

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

### TANK MIX APPLICATION

In addition to weeds controlled by this product used alone, tank mixtures with other herbicides provides a broader spectrum of weed control. This product can be tank-mixed with other herbicides including, but not limited to those products listed below.

### Tank Mix Combinations for Non-Selective Vegetation Control

2,4-D	hexazinone	picloram
bromacil	imazapic	pramitol
chlorsulfuron	imazapyr	prodiamine
dicamba	metsulfuron-methyl	simazine

diuron norflurazon sulfometuron-methyl clopyralid oryzalin tebuthiuron glyphosate pendimethalin triclopyr

### Tank Mixing - Conifer and Poplar Release Treatments\*\*

Certain liquid formulations of other pesticides may increase the postemergence activity of this product, but may also increase the potential for injury when applied over the top of various plants. Therefore, tank mixtures of these materials with this product may be potential for injury when applied over the top of various plants. Therefore, tank mixtures of these materials with this product may be more injurious than this product applied alone and need to be tested to determine if they can be used safely on a widespread basis.

### Tank Mixing - Container and Field-Grown Conifers

This product may be tank-mixed with products containing the following active ingredients labeled for use in conifers: clethodim glyphosate\* oryzalin prodiamine simazine\*
\*DO NOT apply glyphosate or simazine to containerized ornamentals.

### Tank Mixing - Field and Container Grown Deciduous Trees

This product may be tank-mixed with products containing the following active ingredient labeled for use in deciduous trees:

clethodim glyphosate\* metolachlor oryzalin pendimethalin prodiamine simazine\*
\***DO NOT** apply glyphosate or simazine to containerized plants.

### Tank Mixing - With Other Turfgrass Herbicides

This product may be tank-mixed with Manor Herbicide (metsulfuron-methyl; EPA Reg. No. 228-373).

### SPRAY DRIFT MANAGEMENT

### **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.
- For all applications, applicators are required to use a medium or coarser spray 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 1/2 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 Applications**

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray 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.

### **Boom-less Ground Applications:**

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **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.



<sup>\*\*</sup>Not for use in California

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

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. 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. When applying aerially to crops, **DO NOT** release spray at a height greater than 10 feet above the crop canopy, unless a greater application height is necessary for pilot safety.

### 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.

Boom-less Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

• Handheld Technology Applications:

Take precautions to minimize spray drift.

### APPLICATION AND SPRAYER INFORMATION

Apply this product with sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume. Apply by backpack or handgun sprayer, airboat, helicopter, airplane, or other application equipment that will ensure thorough coverage of plant foliage. Important: Thoroughly clean spray equipment, including all tanks, hoses,

booms, screens and nozzles. **DO NOT use spray equipment used to apply this product to apply other materials or to any desirable plant foliage.** Equipment with this product's residue remaining in the system may result in crop injury to subsequently treated crops.

### **BROADCAST APPLICATION**

Apply this product, and this product's tank mixes, with ground equipment using standard commercial sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume.

### BAND APPLICATION

When banding, use proportionately less water and this product per acre.

### HANDGUN APPLICATION

Applications may also be made using a handgun sprayer. Use a spray volume of at least 40 gallons per acre to insure uniform coverage.

### **BACKPACK APPLICATION**

When applying this product with a backpack sprayer follow all above restrictions. Calibrate backpack sprayers to deliver 1 gallon of spray solution per 500 to 1,000 square feet.

### Mixing Rate for This Product in 1 Gallon of Spray Solution for Backpack Applications

Application Volume	Rate (fl oz/A) (lb ai /A)	FI oz to Mix in 1 gal Water	Teaspoons to Mix in 1 gal Water	MIs to Mix in 1 gal Water
1 gal per	8 (0.25 lb ai/A)	0.09	0.6	2.7
500 sq ft	10 (0.31 lb ai/A)	0.11	0.7	3.4
(87 GPA)	12 (0.38 lb ai/A)	0.14	0.8	4.1
1 gal per	8 (0.25 lb ai/A)	0.14	0.8	4.1
750 sq ft	10 (0.31 lb ai/A)	0.17	1	5.1
(65 GPA)	12 (0.38 lb ai/A)	0.21	1.2	6.1
1 gal per	8 (0.25 lb ai/A)	0.18	1.1	5.3
1,000 sq ft	10 (0.31 lb ai/A)	0.23	1.4	6.8
(44 GPA)	12 (0.38 lb ai/A)	0.27	1.6	8.1

Example: Applicator wants to spray 1 gallon of this product solution per 1,000 square feet of ground bed at a rate of 12 fl oz/A (0.38 lb ai/A). Mix 0.27 fl oz (1.6 teaspoons or 8.1 mls) of this product in 1 gallon of water.

### **AERIAL APPLICATION**

To obtain satisfactory weed control, aerial application of this product, must provide uniform coverage of surface weeds and sufficient contact time. When applied by air, this product may not provide adequate control of some submersed weeds. Avoid spraying this product within 200 feet of dwellings, adjacent sensitive crops or environmentally sensitive areas. To obtain satisfactory application and avoid drift, the following directions must be observed:

### **Volume and Pressure**

Apply this product in a minimum of 5 gallons of water per acre with a maximum spray pressure of 40 PSI. Application at less than 5 gallons per acre may not provide adequate weed control. Higher gallonage applications provide more consistent weed control.

### **Nozzles and Nozzle Operation**

Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles including diaphragm type nozzles to avoid unwanted discharge of spray solution. The



nozzle must be directed toward the rear of the aircraft, at an angle between 0° and 15° downward. **DO NOT** place nozzles on the outer 25% of the wings or rotors.

### **Adiuvants**

Refer to the additive section or the tank mix partners label for adjuvant specifications.

### SPRAYER PREPARATION

Before applying this product, start with clean, well maintained application equipment. Clean the spray tank, as well as all hoses and booms to ensure no residue from the previous spraying operation remains in the sprayer. Some pesticides, including but not limited to the sulfonylurea and phenoxy herbicides, are active at very small amounts and can cause crop injury when applied to susceptible crops. Clean the spray equipment according to the manufacturer's directions for the last product used before the equipment is used to apply this product. If two or more products were tank-mixed prior to this product's application, follow the most restrictive cleanup procedure.

### **Mixing Instructions**

- Mix with water having pH of 5 to 7. If pH is higher than 7, use an appropriate buffer to reduce pH to desirable range.
- Fill clean spray tank 1/2 full of desired level with water and add buffering agent if necessary.
- Add the required amount of this product to the spray tank while agitating.
- Fill spray tank to desired level with water. Ensure that this product is thoroughly mixed before making applications. Continue agitation until spray solution has been applied.
- If tank mixing this product with other labeled herbicides, add water-soluble bags first,
   followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
- Mix the amount of spray solution that can be applied the day of mixing. Apply this
  product within 48 hours of mixing.

### CARRIER VOLUME AND SPRAY PRESSURE PREEMERGENCE APPLICATION

To ensure uniform coverage, use 10 to 40 gallons of spray solution per acre. When making backpack applications, apply 50 to 100 gallons of spray solution per acre. Nozzle must meet manufacturer's gallonage and pressure directions for preemergence herbicide application.

### POSTEMERGENCE APPLICATION

To ensure thorough coverage, use 15 to 30 gallons of spray solution per acre. Use 20 to 30 gallons per acre if dense vegetation or heavy residue is present on the soil surface. When applying with a backpack sprayer, apply 1 gallon of spray solution per 500 to 1,000 square feet. Nozzle selection must meet manufacturer's gallonage and pressure directions for postemergence herbicide application.

### **ADDITIVES**

When applying this product to the foliage of floating or emerged aquatic weeds, mix with an adjuvant approved for use in aquatic sites. Follow adjuvant manufacturer's label rates. Verify mixing compatibility by a jar test before using.

When applying this product after weed emergence in terrestrial settings, mix with an agronomically approved adjuvant. A non-ionic surfactant containing at least 80% active ingredient must be used when applying this product as part of a postemergence weed control program. Verify mixing compatibility by a jar test before using.

### **ADJUVANTS**

Refer to the additive section or the tank mix partners label for adjuvant specifications. When applying release treatments, **DO NOT** mix this product with any adjuvant or fertilizer.

### JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND THIS PRODUCT

Perform a jar test before mixing commercial quantities of this product, when using this product for the first time, when using new adjuvants or when a new water source is being used.

- 1. Add 1 pint of the water to a quart jar. Use water from the same source and temperature as which will be used in the spray tank mixing operation.
- 2. Add 1 milliliter of this product to the quart jar for every 3 fl oz (0.09 lb ai/A) of this product per acre being applied (4 ml if 12 fl oz (0.38 lb ai/A) per acre is the desired rate of this product), gently mix until product goes into suspension.
- 3. Add 1 milliliter of non-ionic surfactant or 60 millimeter of crop oil concentrate, gently mix.
- 4. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
- 5. An ideal tank mix combination will be uniform. If any of the following conditions are observed question the choice of adjuvant:
  - a) Layer of oil or globules on the mixture's surface.
  - b) Flocculation: fine particles in suspension or as a layer on the bottom of the jar.
  - c) Clabbering: Thickening texture (coagulated) like gelatin.

### SPRAYER CLEANUP

If spray equipment is dedicated to herbicide applications, the following steps are to clean the spray equipment:

 Completely drain the spray tank and rinse the application equipment thoroughly, including the inside and outside of the tank and all in-line screens.

If spray equipment will be used for purposes other than applying herbicides, it must be thoroughly cleaned following application of this product. The following steps must be used to clean the spray equipment:

- Completely drain the spray tank and rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
- 2. Fill the tank with clean water and flush all hoses, booms, screens and nozzles.
- 3. Top off tank with clean water and household ammonia. Use 1 gallon of 3% household ammonia for every 100 gallons of water.
- 4. Circulate through sprayer for 5 minutes.
- 5. Then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes.
- 6. Loosen any diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm.
- 7. Drain tank completely.
- 8. Add enough clean water to the spray tank to flush hoses, booms, screens and nozzles for 2 minutes.
- 9. Remove all nozzles and screens and rinse them with clean water.



### **WEEDS CONTROLLED**

When this product is applied preemergence or postemergence at directed rates and weed stages, the following grasses and broadleaf weeds are controlled:

**Table 1. Weeds Controlled** 

Common Name	Scientific Name
Alyssum, Hoary	Berteroa incana
Amaranth	
Palmer	Amaranthus palmeri
Spiny	Amaranthus spinosus
American Burnweed	Erechetities hieracifolia
Barnyardgrass*	Echinochloa crus-galli
Beggarweed, Florida	Desmodium Tortuosum
Bittercress, Hairy	Cardamine hirsute
Bluegrass, Annual	Poa annua
Burclover, California	Medicago polymorpha
Carpetweed	Mollugo verticillata
Chamberbitter	Phyllanthus urinaria
Chickweed	
Common	Stellaria media
Mouseear	Cerastium vulgatum
Crabgrass	
Large*	Digitaria sanguinalis
Smooth*	Digitaria ischaemum
Southern*	Digitaria ciliaris
Croton, Tropic	Croton glandulosus var. septentrionalis
Dandelion*	Taraxacum officinale
Dogfennel	Eupatorium capillifolium
Doveweed	Murdannia nudiflora
Eclipta	Eclipta prostrate
Filaree, Redstem*	Erodium cicutarium
Foxtail	
Bristly*	Setaria verticillata
Giant*	Setaria faberi
Green*	Setaria viridis
Yellow*	Setaria glauca
Galinsoga, Hairy	Galinsoga ciliata
Geranium, Carolina	Geranium carolinianum
Goosegrass*	Eleusine indica
Groundsel, Common	Senecio vulgaris
Groundsel, Tree	Baccharis halimifolia
Henbit	Lamium amplexicaule
Horseweed*	Conyza Canadensis
Indigo, Hairy	Indigofera hirsute
Ivy, Ground*	Glechoma hederacea
Jimsonweed	Datura stramonium

Kochia Kochia scoparia Kyllinga, Green* Kyllinga brevifolia Ladysthumb Polygonum persicaria Lambsquarters, Common Chenopodium album Liverwort Marchantia polymorpha Lovegrass, California* Eragrostis diffusa Mallow Common Malva neglecta Little Malva parvifiora Venice Hibiscus trionum Marsh Parsley Apium leptophyllum Mayweed* Anthemis cotula Morningglory Entireleaf Ipomoea hederacea var. integriuscula Ivyleaf Ipomoea hederacea Red/Scarlet Ipomoea coccinea Smallflower Jacquemontia tamnifolia Tall Ipomoea purpurea Moss Bryum spp. Mulberry Weed Fatoua villosa Mustard Sisymbrium altissimum Wild Brassica kaber Nightshade Black Solanum nigrum Eastern Black Solanum ptycanthum Hairy Solanum sarrachoides Northern Willowherb Epilobium ciliatum Panicum Fall* Panicum dichotomiflorum Texas* Panicum texanum Parsley-Peirt Alchemilla arvensis Pennycress, Field Thlaspi arvense Phyllanthus, Longstalked Phyllanthus tenellus Pigweed Prostrate Amaranthus bilitoides Redroot Amaranthus retroflexus Sonoth	Common Name	Scientific Name
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Morningglory  Entireleaf	Marsh Parsley	Apium leptophyllum
Entireleaf	Mayweed*	Anthemis cotula
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Pearlwort, Birdseye*  Pennycress, Field  Thlaspi arvense  Phyllanthus, Longstalked  Phyllanthus tenellus  Pigweed  Prostrate  Redroot  Amaranthus blitoides  Redroot	Texas*	Panicum texanum
Pennycress, Field Thlaspi arvense Phyllanthus, Longstalked Phyllanthus tenellus Pigweed Prostrate Amaranthus blitoides Redroot Amaranthus retroflexus	Parsley-Peirt	Alchemilla arvensis
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Redroot Amaranthus retroflexus	Pigweed	
	Prostrate	Amaranthus blitoides
Smooth Amaranthus hybridus	Redroot	Amaranthus retroflexus
omootii Amaranuus nybnuus	Smooth	Amaranthus hybridus
Tumble Amaranthus albus	Tumble	Amaranthus albus
Pineapple-weed* Matricaria matricarioides	Pineapple-weed*	Matricaria matricarioides
Plantain	Plantain	
Broadleaf* Plantago major	Broadleaf*	Plantago major
Buckhorn* Plantago lanceolata	Buckhorn*	Plantago lanceolata

(continued)



Common Name	Scientific Name
Poinsettia, Wild	Euphorbia heterophylla
Pondweed, Sago	Potamogeton pectinatus
Puncturevine	Tribulus terrestris
Purslane, Common	Portulaca oleracea
Pusley, Florida	Richardia scabra
Ragweed	
Common	Ambrosia artemisiifolia
Giant	Ambrosia trifida
Redmaids	Calandrinia ciliata
Redweed	Melochia corchorifolia
Rocket, Yellow	Barbarea vulgaris
Senna, Coffee	Cassia occidentalis
Sesbania, Hemp	Sesbania exaltata
Shepherd's-Purse	Capsella burse-pastoris
Sida, Prickly (Teaweed)	Sida spinosa
Signalgrass*	Brachiaria platyphylla
Smartweed, Pennsylvania	Polygonum pensylvanicum
Sowthistle, Annual	Sonchus oleraceus
Spiderwort, Tropical	Commelina benghalensis
Spurge	
Petty	Euphorbia peplus
Prostrate	Euphorbia humistrata Engelm
Spotted	Euphorbia maculate
Starbur, Bristly*	Acanthospermum hispidum
Tassle-flower	<i>Emilia</i> spp.
Thistle	
Canada*	Cirsium arvense
Russian	Salsola iberica
Velvetleaf	Abutilon theophrasti
Waterhemp	
Common	Amaranthus rudis
Tall	Amaranthus tuberculatus
Woodsorrel, Yellow*	Oxalis stricta

<sup>\*</sup>Preemergence control only

### **AQUATIC WEED CONTROL**

This product may be applied to the following quiescent or slow-moving bodies of water:

- Bayous
- Canals
- Drainage ditches
- Lakes
- Marshes
- Ponds (including golf course ponds)
- Reservoirs

This product is most effective when applied to young, actively-growing weeds in water with a pH of less than 8.5. Application of this product to public aquatic areas may require special approval and/or permits. Consult with local state agencies, if required.

### **USE RESTRICTIONS**

- **DO NOT** apply to intertidal or estuarine areas.
- **DO NOT** exceed 400 ppb of this product during any one application.
- DO NOT re-treat the same section of water with this product more than 6 times per year.
- Not for homeowner use.
- RTI: DO NOT retreat the same section of water within 28 days of application, except in areas with dense weed vegetation. In these areas, treat the remaining weeds within 10 to 14 days.
- In high density weed populations only treat 1/2 the water body at one time.
- Treated water may not be used for irrigation purposes on food crops until at least five (5) days after application.
- DO NOT use in water utilized for crawfish farming.

### **USE PRECAUTIONS**

- There is no post-application holding restriction against use of treated water for drinking or recreational purposes (e.g. swimming, fishing).
- Treated water may be used for irrigation purposes on turf and landscape ornamentals as outlined in the Irrigation Restrictions Following Application table.

### **Irrigation Restrictions Following Application**

Application Method	Application Rate	Average Water Depth	Turf and Landscape Ornamentals	Ornamentals Grown for Production in Greenhouse and Nursery
Surface	6 to 12 oz (0.19 - 0.38	Greater than 3 feet	None	5 days
Spray   Ib ai/A) per surface acre	Less than 3 feet	12 hours	5 days	
	Less than 200 ppb	N/A	1 day	5 days
Subsurface 200 to 300 ppb	N/A	2 days	5 days	
	300 to 400 ppb	N/A	3 days	5 days



# DIRECTIONS FOR USE TO CONTROL FLOATING AND EMERGED WEEDS USING SURFACE APPLICATION

This product will control weeds and algae listed in **Table 2** when applied as a broadcast spray with appropriate equipment. For best results, apply this product to the foliage of actively-growing weeds.

**Table 2. Floating and Emerged Weeds** 

Common Name	Scientific Name
Alligator Weed	Alternanthera philoxeroides
Duckweed*	Lemna spp.
Filamentous algae	Cladophora
Filamentous algae	Pithophora
Frog's-bit	Limnobium spongia
Water Fern	Salvinia spp.
Water Lettuce	Pistia stratiotes
Water Pennywort	Hydrocotyle spp.
Watermeal*	Wolffia spp.

<sup>\*</sup>Coverage is essential for effective duckweed and watermeal control. Any duckweed and/ or watermeal escapes left in the water column will quickly re-infest the water body. Apply 200 ppb concentration throughout the water body to control duckweed and watermeal. see DIRECTIONS FOR USE TO CONTROL SUBMERSED AND FLOATING WEEDS USING SUBSURFACE APPLICATIONS section for additional application information.

### **Surface Application**

Apply this product as a broadcast spray at 6 to 12 fl oz (0.19 to 0.38 lb ai/A) of formulated product per acre plus an adjuvant approved for use in aquatics.

This product is a contact herbicide that quickly degrades in the water column so plants that **DO NOT** initially come in contact with the herbicide will not be controlled. Apply this product in a minimum of 30 gallons of water per acre to all areas of the water body where weeds exist. Coverage is essential for effective control as all floating weeds need to be exposed to lethal concentrations in all parts of the water body. Any untreated escapes or re-introductions of plants that were not treated will reestablish in areas where surface weeds had previously been controlled. If a second application is required to provide control, make a treatment once the return of these weeds is first observed, but no sooner than 28 days after the last treatment.

Application of this product during early morning hours may enhance weed control. When applying to densely packed actively-growing surface weeds, ensure adequate coverage. Rapid decomposition of vegetation resulting from herbicide treatment can result in loss of oxygen in water. A sudden decrease in dissolved oxygen can result in fish suffocation. If aquatic vegetation is dense, treat floating surface weeds in sections to avoid a rapid decrease in dissolved oxygen.

This product may be tank-mixed with 2,4-D, diquat, glyphosate or other registered foliar-applied herbicides for enhanced control of floating and emergent weeds.

Consult a manufacturer's label for specific rate restrictions and weeds controlled. Always follow the most restrictive label restrictions and precautions for all products used when making an application involving tank mixes.

### **Application Equipment**

Apply this product with sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume. Apply by backpack or handgun sprayer, airboat, helicopter, airplane or other application equipment that will ensure thorough coverage of target plant foliage.

### DIRECTIONS FOR USE TO CONTROL SUBMERSED AND FLOATING WEEDS USING SUBSURFACE APPLICATIONS

This product will control submersed and floating weeds listed in **Table 3. Submersed** and **Floating Weeds Controlled by Subsurface Application**, when applied subsurface with appropriate equipment.

Table 3. Submersed and Floating Weeds Controlled by Subsurface Application

Common Name	Scientific Name
Coontail	Ceratophyllum demersum
Duckweed	Lemna spp.
Fanwort	Cabomba caroliniana
Hydrilla	Hydrilla verticillata
Hygrophila	Hygrophila polysperma
Naiad, Southern	Najas guadalupensis
Pondweed, Curlyleaf	Potamogeton crispus
Pondweed, Sago	Potamogeton pectinatus
Pondweed, Variable-Leaf	Potamogeton diversifolius
Water Fern	Salvinia spp.
Water Lettuce	Pistia stratiotes
Watermeal	Wolffia spp.
Watermilfoil, Eurasian	Myriophyllum spicatum
Watermilfoil, Variable-Leaf	Myriophyllum heterophyllum

### **Subsurface Treatment**

Apply this product at a rate that will produce an initial concentration of 200 to 400 ppb (of active ingredient flumioxazin) in the water column.

This product is rapidly absorbed by target plants, but also breaks down quickly in water with a pH greater than 8.5. The pH of water surrounding mats of submersed vegetation can exceed 8.5 by early to mid-day, due to photosynthetic processes. Application of this product under these conditions may provide only partial weed control, and regrowth is likely. For best control, apply this product in a minimum of 30 gallons of water per acre in the early morning to actively-growing weeds and early in the season before surface matting occurs. Complete coverage and sufficient contact time of submersed weeds with this product is required for optimal performance. Application of this product with subsurface trailing hoses designed to distribute the herbicide within the plant stand will provide more effective and longer-term control of submersed weeds. Use Subsurface **Application Rates** to determine the amount of this product needed to achieve desired concentration at different water depths. Use higher concentrations when weed biomass is heavy and/or weeds are more mature and topped-out. Any untreated plants that are left in the water column can re-infest treated areas that had previously been controlled. If a second application is required to provide control, make a treatment once the return of these weeds is first observed, but no sooner than 28 days after the last treatment.

When applying this product to densely packed actively-growing submersed weeds, a rapid decomposition of vegetation resulting from herbicide treatment can result in loss of oxygen in water. A sudden decrease in dissolved oxygen can result in fish suffocation. If aquatic vegetation is dense, treat submersed weeds in sections to avoid a rapid decrease in dissolved oxygen.

This product may be tank-mixed with other registered submersed-applied herbicides for enhanced control of submersed and floating weeds.



### **Application Equipment for Water Column Treatment**

To improve distribution in the water column and ensure adequate coverage, when possible apply this product with subsurface trailing hoses in order to place the herbicide under the surface and throughout the biomass of aquatic vegetation. Keep swath width to a minimum in order to maximize contact with submersed aquatic vegetation. In small shallow water bodies, surface sprays may be required to apply this product. Apply by backpack or handgun sprayer or other application equipment that will ensure adequate coverage of target plant.

### Information on Hydrilla Control in Florida

Apply this product as a subsurface treatment for hydrilla control. For best control of hydrilla apply during the late Winter/early Spring and/or early to late Fall. Efficacy of this product will be enhanced at these timings due to lower potential biomass present and lower pH of the water. If applied to mature topped-out hydrilla, this product will cause some discoloration and loss of growing tips, but regrowth will be rapid.

Tank mixing this product with other registered herbicides is advised, especially if hydrilla is approaching maturity or biomass is heavy.

### **Subsurface Application Rates**

Water Depth	Pints of This Product Required Per Surface Acre to Achieve Desired Water Concentration		
(feet)	200 ppb (lbs ai/A)	300 ppb (lbs ai/A)	400 ppb (lbs ai/A)
1	1.1 (0.55 lb ai/A)	1.6 (0.8 lb ai/A)	2.1 (1.05 lbs ai/A)
2	2.1 (1.05 lbs ai/A)	3.2 (1.6 lbs ai/A)	4.2 (2.1 lbs ai/A)
3	3.2 (1.6 lbs ai/A)	4.8 (2.4 lbs ai/A)	6.4 (3.2 lbs ai/A)
4	4.2 (2.1 lbs ai/A)	6.4 (3.2 lbs ai/A)	8.5 (4.25 lbs ai/A)
5	5.3 (2.6 lbs ai/A)	8.0 (4 lbs ai/A)	10.6 (5.3 lbs ai/A)

**Example:** To achieve an initial concentration of 200 ppb of flumioxazin in a 4-foot deep water column, apply 4.2 pints (2.1 lbs ai/A) of this product per surface acre.

### BARE GROUND NON-CROP AREAS

### DIRECTIONS FOR USE TO MAINTAIN BARE GROUND NON-CROP AREAS

This product, when used as directed, can be used for non-selective vegetation control to maintain bare ground non-crop areas that must be kept weed-free. Apply this product only to:

- Bare ground under guard rails, above-ground pipelines, and railroad beds and railroad vards
- Bare ground in parking and storage areas, plant sites, substations, pumping stations, and tank farms
- Bare ground areas of airports, brick yards, industrial plant sites, lumber yards, military installations, and storage areas
- Bare ground around farm buildings, and along ungrazed fence rows, wind breaks and shelter belts
- Road surfaces, improved roadside areas and gravel shoulders.

This product offers residual and postemergence control of susceptible broadleaf and grass weeds as well as additional mode of action to assist in the control of ALS (acetolactate synthase) resistant weeds. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- **DO NOT** apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- DO NOT apply when weather conditions favor spray drift from treated areas.
- DO NOT incorporate into soil after application.
- DO NOT apply this product through any type of irrigation system.
- DO NOT apply to moist or wet desirable plant foliage.
- DO NOT apply within 300 feet of non-dormant pome or stone fruit crops.
- **DO NOT** re-apply this product within 30 days.
- DO NOT apply when these soil and environmental conditions are present.

### **USE PRECAUTIONS**

 Treatment of powdery, dry soil or light sandy soil, or light sandy soil when there is little to no likelihood of rainfall soon after may result in off-target movement and possible damage to actively-growing susceptible crops when soil particles are moved by wind or water.

### PREEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai) per acre of this product per broadcast acre as a preemergence application. Make preemergence (to weed emergence) applications of this product must be made to a weed-free soil surface. Preemergence applications of this product must be completed prior to weed emergence.

### POSTEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai) per acre of this product per broadcast acre plus an adjuvant (0.25% v/v non-ionic surfactant or 1 quart per acre crop oil concentrate). The addition of an adjuvant enhances this product activity on emerged weeds. Thorough spray coverage is necessary to maximize the postemergence activity of this product. Emerged weeds are controlled postemergence with this product, however, translocation of this product within a weed is limited, and control is affected by spray coverage and by the addition of an adjuvant. The most effective postemergence weed control with this product occurs when applied in combination with a surfactant to weeds less than 2 inches in height.

# DIRECTIONS FOR USE IN CONIFER RE-FORESTATION SITES FOLLOWING TIMBER HARVEST\*\*

This product is a preemergence and postemergence herbicide for control of selected grass and broadleaf weeds in conifer re-forestation sites following timber harvest operations. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. This product may be used as a site preparation treatment prior to transplanting of conifers or as a conifer release treatment after stand establishment.

### \*\*Not for use in California

### **Site Preparation - Application Before Transplanting**

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai/A) of this product per acre. Transplant operations must take place at least 3 months after application. To obtain optimal weed control, apply this product before weed emergence or after a burndown herbicide has controlled existing vegetation. If existing weed canopy is less than 40%, this product may be tank-mixed with a burndown herbicide to provide preemergence weed control.

Apply this product in at least 10 gallons of water per acre to achieve uniform spray coverage using ground or aerial spray equipment.



### Conifer Release Treatments - Applications Only Within 3 Years After Transplanting.

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai/A) of this product per acre over the top of trees prior to budbreak in the spring or after dormancy in fall. **DO NOT** apply this product over the top of trees after budbreak or needle spotting and defoliation may occur. This product should not affect new growth of trees. See **Table 4** for a list of tolerant conifers for over-the-top treatments.

**IMPORTANT:** When applied as directed, the conifers listed in **Table 4** have shown tolerance to this product. However, this product is a very active herbicide. Exercise responsible judgment and caution until familiarity is gained with this product. If a desired conifer species is not listed in **Table 4**, evaluate the safety of this product on a small number of plants under commercial growing conditions, and monitor plant response for four to six weeks for phytotoxicity. Test this product on a small number of plants to determine if this product can be used safely on a widespread basis. **DO NOT** apply this product over the top of conifers until trees have been growing in the treated area for at least one year. The use of nylon mesh wraps, commonly used to deter animal browsing, may increase plant injury if placed on plants after over-the-top application of this product.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- **DO NOT** apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- **DO NOT** apply when weather conditions favor spray drift from treated areas.
- DO NOT incorporate into soil after application.
- **DO NOT** apply this product through any type of irrigation system.
- DO NOT apply to moist or wet desirable plant foliage.
- DO NOT apply within 300 feet of non-dormant pome or stone fruit crops.
- **DO NOT** re-apply this product within 30 days.
- DO NOT apply when these soil and environmental conditions are present.

### **USE PRECAUTIONS**

 Treatment of powdery, dry soil or light sandy soil, or light sandy soil when there is little to no likelihood of rainfall soon after may result in off-target movement and possible damage to actively-growing susceptible crops when soil particles are moved by wind or water.

### DIRECTIONS FOR USE IN POPLAR PLANTATIONS AND TIMBER RE-FORESTATION SITES\*\*

This product is a preemergence and postemergence herbicide for control of selected grass and broadleaf weeds in poplar plantations and timber re-forestation sites following timber harvest operations. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. This product may be used as a site preparation treatment prior to transplanting of trees or as a release treatment after stand establishment.

### \*\*Not for use in California

### **Site Preparation - Application Before Transplanting**

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai/A) of this product per acre. Transplant operations must take place at least 3 months after application. To obtain optimal weed control, apply this product before weed emergence or after a burndown herbicide has controlled existing vegetation. If existing weed canopy is less than 40%, this product may be tank-mixed with a burndown herbicide to provide preemergence weed control.

Apply this product in at least 10 gallons of water per acre to achieve uniform spray coverage using ground or aerial spray equipment.

### Release Treatments - Applications Within 3 Years After Transplanting

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai/A) of this product per acre over the top of trees prior to budbreak in the spring or after dormancy in fall. **DO NOT** apply this product over the top of trees after budbreak or leaf spotting and defoliation may occur. This product should not affect new growth of trees of tolerant poplars for over-the-top treatments.

### Tank Mixing - Poplar Release Treatments

Certain liquid formulations of other pesticides may increase the postemergence activity of this product but may also increase the potential for injury when applied over the top of various plants. Therefore, tank mixtures of these materials with this product may be more injurious than this product applied alone and need to be tested to determine if they can be used safely on a widespread basis.

### **Adjuvants - Poplar Release Treatments**

When applying release treatments, **DO NOT** mix this product with any adjuvant or fertilizer. **IMPORTANT:** When applied as directed, poplars (*Populus balsamifera*, *P. niger* and *P. tremuloides*), hybrid poplars (*P.* sp. x sp.), and cottonwoods (*P. deltoids* and *P. trichocarpa*) have shown tolerance to this product. However, this product is a very active herbicide. Exercise responsible judgment and caution until familiarity is gained with this product. Test this product on a small number of plants to determine if this product can be used safely on a widespread basis. **DO NOT** apply this product over-the-top unless trees are more than one vear old.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- **DO NOT** apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- **DO NOT** apply when weather conditions favor spray drift from treated areas.
- DO NOT incorporate into soil after application.
- **DO NOT** apply this product through any type of irrigation system.
- DO NOT apply to moist or wet desirable plant foliage.
- **DO NOT** apply within 300 feet of non-dormant pome or stone fruit crops.
- DO NOT re-apply this product within 30 days.
- DO NOT apply when these soil and environmental conditions are present.

### **USE PRECAUTIONS**

 Treatment of powdery, dry soil or light sandy soil, or light sandy soil when there is little to no likelihood of rainfall soon after may result in off-target movement and possible damage to actively-growing susceptible crops when soil particles are moved by wind or water.

### DIRECTIONS FOR USE TURF & ORNAMENTAL SITES

This product is a preemergence and early postemergence herbicide for control of selected grass and broadleaf weeds in and around ornamental woody shrubs, deciduous trees and conifers (including Christmas trees) grown outdoors in containers or in the field (in-ground), to maintain non-crop areas and dormant Bermudagrass. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. This product controls weeds by inhibiting protoporphyrinogen oxidase, an essential enzyme required by plants for chlorophyll biosynthesis. Seedling weeds are controlled preemergence when exposed to sunlight following contact with the soil-applied herbicide.



### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- **DO NOT** apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- DO NOT apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- **DO NOT** apply in enclosed greenhouse structures if plants are present.
- DO NOT move plants for 24 hours into enclosed greenhouses until the area treated with this product has been watered.
- **DO NOT** apply when weather conditions favor spray drift from treated areas.
- DO NOT graze treated fields or hay to livestock.
- DO NOT incorporate into soil after application.
- DO NOT apply this product through any type of irrigation system.
- DO NOT apply when plants are under stress from insects, diseases, animals or winter injury, planting shock or any other stresses.
- Only apply to healthy established trees and ornamentals.
- Not for homeowner use.
- RTI: 14 days.

# DIRECTIONS FOR USE IN ESTABLISHED CONTAINER AND FIELD-GROWN CONIFERS (INCLUDING CHRISTMAS TREES)

Apply this product as a single or split application to established container and field-grown conifers, which includes applications to Christmas tree plantations. The conifers listed in **Table 4** have exhibited tolerance to this product only when the product is applied to dormant or hardened-off plant material. If applied over the top of plant foliage, apply this product before spring bud break or after conifers have sufficiently hardened-off. During periods of cool, cloudy weather, use caution to ensure conifers have hardened-off prior to herbicide application. **DO NOT** apply to conifers within 1 year of seedling emergence.

### PREEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai per acre) of this product per broadcast acre before weeds emerge. Apply to weed-free, established conifers grown in containers or in the field (in-ground). If possible, irrigate treated area with 0.5 to 0.75 inch of water immediately following application. This product may be sprayed directly over conifers listed in **Table 4**, provided bud break has not occurred or plants are hardened-off. Needle burn may be observed on new flush if plants are actively-growing at time of application. However, this product will typically not affect subsequent growth. If conifers are not dormant or hardened-off at time of application, and foliar injury cannot be tolerated, apply this product as a directed spray, taking care to minimize direct contact or drift of sprays onto foliage. Mechanically incorporating this product after application will disturb soil surfaces, which may reduce herbicidal efficacy. When applied before weed germination, this product will control broadleaf and grassy weeds listed in **Table 1**.

### POSTEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai) per acre of this product per broadcast acre after weeds have emerged. This product may be sprayed directly over conifers listed in **Table 4**, provided bud break has not occurred or plants are hardened-off. Needle burn may be observed on new flush if plants are actively-growing at time of application. However, this product will typically not affect subsequent growth. If conifers are not dormant or hardened-off at the time of application, and foliar injury cannot be tolerated, apply this product as a directed spray, taking care to minimize direct contact or drift of sprays onto foliage.

If applied when weeds are actively-growing and no larger than 2 inches in height, this product will provide postemergence control of broadleaf weeds and grasses listed in **Table 1**. Postemergence control of this product may be more effective with certain weed species, and may not control mature, stressed or hardened-off weeds that are not actively-growing at the time of application.

### **TOLERANT CONIFERS**

This product may be applied to the conifer species listed in **Table 4**. If a desired conifer species is not listed in **Table 4**, evaluate the safety of this product on a small number of plants under commercial growing conditions, and monitor plant response for four to six weeks for phytotoxicity. Testing this product on a small number of plants will determine if this product can be used safely on a widespread basis.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- **DO NOT** apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- DO NOT re-apply this product within 30 days.

### **Table 4. Tolerant Conifer Tree Species**

Common Name	Scientific Name
Arborvitae	
American	Thuja occidentalis
Oriental	Thuja orientalis
Fir	
Concolor	Abies concolor
Cork Bark	Abies lasiocarpa
Douglas	Pseudotsuga menziesii
Fraser	Abies fraseri
Grand	Abies grandis
Noble	Abies procera
Turkish	Abies bornmuelleriana
Hemlock	
Eastern	Tsuga Canadensis
Western	Tusga heterophylla
Juniper	
Blue Star	Juniperus scopularum
Creeping	Juniperus horizontalis
Japanese Garden	Juniperus chinensis
Tamarix	Juniperus sabina
Pine	
Austrian	Pinus nigra
Eastern White	Pinus strobes
Jack	Pinus banksiana
Japanese Black	Pinus thunbergiana

(continued)



Common Name	Scientific Name
Pine (continued)	
Loblolly	Pinus taeda
Lodgepole	Pinus contorta
Longleaf	Pinus palustris
Mugo	Pinus mugo
Ponderosa	Pinus ponderosa
Sand	Pinus clausa
Scotch	Pinus sylvestris
Shortleaf	Pinus echinata
Slash	Pinus elliottii
Virginia	Pinus virginiana
Spruce	
Blue	Picea pungens
Dwarf Alberta	Picea glauca conica
Norway	Picea abies
Sitka	Picea sitchensis
Yew	
English	Taxus baccata
Japanese	Taxus cuspidata

# DIRECTIONS FOR USE IN CONTAINER AND FIELD DECIDUOUS TREES AND NON-BEARING FRUIT AND NON-BEARING NUT TREES

This product may be applied as single or split applications to container and field-grown deciduous trees with an established root system. The deciduous trees listed in **Table 5** have exhibited tolerance to this product only when applied to the soil and base of plants. Application of this product to deciduous foliage or green bark may result in unacceptable injury.

This product may be applied to established (or transplanted) container and field-grown deciduous trees. **DO NOT** apply to trees that are less than one year old or have been transplanted less than one year, unless completely protected by non-porous wraps, grow tubes, waxed protectors or other forms of protection to young foliage and/or bark. **DO NOT** harvest fruit or nuts from treated trees within one year of application.

**IMPORTANT:** Direct application of this product to the soil surface and away from plant foliage and bark. Avoid direct spray contact on plant surfaces, foliage and green bark or injury may result. Application of this product after bud swell may cause injury if herbicide contacts foliage. Avoid application under environmental conditions that favor drift to non-targeted areas.

### PREEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai) per acre of this product per broadcast acre as a preemergence (to weed emergence) application. Apply this product to weed-free deciduous trees grown in containers or in the field (in-ground). If possible, irrigate treated area with 0.5 to 0.75 inch of water immediately following application. This product may be applied to the soil surface and base of deciduous trees, provided that direct and indirect (drift) applications to plant foliage, flowers and green bark does not occur.

Mechanically incorporating this product will disturb soil surfaces, which may reduce herbicidal efficacy. The use of spray shields that limit exposure of foliage and bark to this product is suggested. When applied before weed germination, this product will control broadleaf and grassy weeds. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses.

### POSTEMERGENCE APPLICATION

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai) per acre of this product per broadcast acre plus an adjuvant (0.25% v/v non-ionic surfactant). Make postemergence (to weed emergence) applications of this product when weeds are actively-growing and are no larger than 2 inches in height. The addition of a surfactant enhances this product activity on emerged weeds. Thorough spray coverage is necessary to maximize the postemergence activity of this product. When applied after weed germination, this product will provide preemergence and postemergence control of broadleaf weeds and grasses. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses.

Postemergence control of this product may be more effective with certain weed species, and may not control mature, stressed or hardened-off weeds that are not actively-growing at the time of application.

### TOLERANT DECIDUOUS TREES, NON-BEARING FRUIT AND NON-BEARING NUT TREES

This product may be applied as a directed spray to the deciduous, non-bearing fruit and non-bearing nut trees species listed in **Table 5**. If a desired tree species is not listed in **Table 5**, evaluate the safety of this product on a small number of plants under commercial growing conditions and monitor plant response for four to six weeks for phytotoxicity. Testing this product on a small number of plants will determine if this product can be used safely on a widespread basis.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- DO NOT apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- **DO NOT** re-apply this product within 30 days.

**Table 5. Tolerant Deciduous Tree Species** 

Common Name	Scientific Name
Apricot*	Prunus spp.
Ash	Fraxinus spp.
Birch	Betula spp.
Buckeye	Aesculus spp.
Cherry*	Prunus spp.
Chestnut	Castanea spp.
Citrus*	Citrus spp.
Dogwood	Cornus spp.
Eucalyptus	Eucalyptus spp.
Ginkgo	Ginkgo spp.
Hawthorn	Crataegus spp.
Honeylocust	Gleditsia spp.
Larch	Larix spp.
Lilac	Syringa spp.
Maple**	Acer spp.

(continued)



Common Name	Scientific Name
Myrtle, Crepe	Lagerstroemia indica
Oak	Quercus spp.
Peach*	Prunus spp.
Pecan*	Carya spp.
Plum*	Prunus spp.
Poplar	Populus spp.
Redbud	Cercis canadensis
Sweetgum	Liquidambar styraciflua
Sycamore	Plantanus spp.
Walnut, Black	Juglans nigra
Willow	Salix spp.

<sup>\*</sup>Non-bearing trees only.

# DIRECTIONS FOR USE AROUND ESTABLISHED WOODY LANDSCAPE ORNAMENTALS AND TO MAINTAIN NON-CROP AREAS

Application of this product in the vicinity of ornamental plants is limited to directed sprays around well-established woody shrubs and trees including azalea, euonymus, holly, and the conifers and deciduous trees listed in **Tables 4** and **5**. This product may also be applied to maintain weed control in non-crop areas in apartment complexes, fence rows, gravel surfaces and driveways, ground mats and pads prior to the addition of containerized plants, golf courses, lumberyards, office complexes, parks, parking areas, recreational sites, schools, sidewalks, storage areas, grass waterways and rain gardens. **DO NOT** apply this product within any enclosed structure in residential or commercial landscapes.

This product offers postemergence and residual control of susceptible grasses and broadleaf weeds, as well as additional mode of action to assist in the control of resistant weeds. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. The length of residual control is dependent on the rate applied, rainfall and temperature. Length of residual control will decrease as temperature and precipitation increase.

IMPORTANT: Contact with spray or spray drift of this product may cause severe injury or destruction of certain desirable plants, especially herbaceous species including bedding plants or direct-seeded annual and perennial flowers. Therefore, DO NOT apply this product over the top of ornamental plants growing in the landscape, and DO NOT allow spray of this product to contact, drift or splash from soil onto the foliage, green stems, exposed roots or fruit of desirable plants. Avoid application of this product under conditions that favor drift of sprays onto desired ornamentals or turfgrass. The use of spray shields that limit the plant exposure to this product is directed when applying this product near desirable plants.

**DO NOT** apply this product around landscape ornamentals until plants have been actively-growing for at least 30 days after transplanting, or for at least two months before ornamentals will be planted into treated areas.

### PREEMERGENCE APPLICATION (NO WEEDS ARE PRESENT)

Mix 0.18 to 0.27 fl oz (5.3 to 8.1 mls; 0.006 to 0.004 lb ai) of this product per gallon of spray solution, and apply 1 gallon of spray solution to 1,000 square feet (8 to 12 fl oz/A) prior to weed germination (see **Backpack Application** table for more options and

details). Apply this product to weed-free soil, mulch or gravel surfaces. Moisture is necessary to activate this product on soil for residual weed control. When applied before weed germination, this product will control the broadleaf weeds and grasses listed in **Table 1**.

Established landscape ornamentals have shown tolerance to this product **only** when applied to the soil at the base of the plant. For maximum plant safety when using around desirable ornamentals, direct applications of this product to the soil, and leave a sufficient untreated buffer to ensure spray solution does not contact desired plants. **DO NOT** harvest fruit or nuts from treated trees within one year of application.

### POSTEMERGENCE APPLICATION (WEEDS ARE PRESENT)

Mix 0.18 to 0.27 fl oz (5.3 to 8.1 mls; 0.006 to 0.004 lb ai) of this product per gallon of spray solution (8 to 12 fl oz/A), and apply 1 gallon of spray solution to 1,000 square feet to actively-growing weeds (see calibration chart for backpack sprayers). Tank mixing this product with glyphosate will increase the spectrum of postemergence weed control over this product alone, provide faster postemergence weed control than glyphosate alone, and provide preemergence and postemergence control of the broadleaf weeds and grasses listed in **Table 1**.

Established landscape ornamentals have shown tolerance to applications of this product plus glyphosate **only** when applied to the soil at the base of the plant, and sprays **DO NOT** directly contact or drift onto desirable plants. For maximum plant safety when using around desirable ornamentals, direct applications of this product plus glyphosate towards the soil, and leave a sufficient non-treated buffer to ensure spray solution does not contact desired plants.

Thorough spray coverage of weeds is necessary to maximize weed control. Spray coverage must be uniform, but **DO NOT** spray to the point of runoff.

**IMPORTANT:** Completely read and follow the glyphosate label. When tank mixing this product with other products, always follow the most restrictive use conditions on either label.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- DO NOT apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- **DO NOT** apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- DO NOT re-apply this product within 30 days.
- **DO NOT** harvest fruit or nuts from treated trees within one year of application.
- Not for homeowner use.

# DIRECTIONS FOR USE ON DORMANT BERMUDAGRASS GROWN ON RESIDENTIAL SITES, GOLF COURSES AND SOD PRODUCTION

This product may be applied as a single or split application to well-established dormant Bermudagrass. This product will provide preemergence and early postemergence control of annual bluegrass, chickweed, henbit and other winter annual weeds. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. This product will also provide preemergence control of crabgrass, goosegrass and other summer annual weeds. This product may be applied to dormant turfgrass in such areas as apartment complexes, golf courses, sod farms, roadsides, sports fields, campgrounds, office complexes, parks, parking areas, recreational sites, schools and residential turf. Bermudagrass exhibits tolerance to this product only when applied to semi-dormant or completely dormant turf in the late fall and before active growth resumes in the late winter/early spring. Application of this product to actively-growing turfgrass (warm season and cool season) or during green-up may cause unacceptable injury.



<sup>\*\*</sup>Not for use on maple trees used for production of maple sap or syrup.

### **BROADCAST APPLICATIONS**

Apply 8 to 12 fl oz (0.25 to 0.38 lb ai/Al) of this product per broadcast acre as a preemergence (to weed emergence) application. If weeds are present at the time of application apply this product plus an adjuvant (0.25% v/v non-ionic surfactant). Make postemergence (to weed emergence) applications of this product when weeds are actively-growing and no larger than 2 inches in height. Thorough spray coverage is necessary to maximize the postemergence activity of this product. When applied after weed germination, this product will provide preemergence and postemergence control of broadleaf weeds and grasses. See **Table 1** under **WEEDS CONTROLLED** section for a list of broadleaf weeds and grasses. Postemergence weed control with this product may be more effective on certain weed species, and may not control mature, stressed or hardened-off weeds that are not actively-growing at the time of application.

This product will provide best control of annual bluegrass when applied in the late fall while plants are small. Control may be less effective when applied in the winter under cold conditions when weeds are not actively-growing. A second application of this product may be required to provide adequate season-long annual bluegrass control. This product will provide best control of crabgrass, goosegrass and other summer annual weeds when applied in the late winter before turfgrass resumes active growth.

### TANK MIXING WITH OTHER TURFGRASS HERBICIDES

This product may be tank-mixed with Manor Herbicide (metsulfuron-methyl, EPA Reg. No. 228-373).

### **USE AROUND BENTGRASS AND POA GREENS**

This product has limited potential for lateral movement on level terrain, but can potentially move down-slope after excessive rainfall and affect sensitive turf species including bentgrass and *Poa trivialis*. When applied upslope from bentgrass greens or Bermudagrass greens overseeded with *Poa trivialis*, allow an adequate buffer zone between greens and the treated area. If uncertain about the size of the buffer, 15 feet is suggested.

Risk of movement is decreased when this product is applied to soil at less than field capacity. Avoid application when heavy rain is imminent or when the soil is saturated.

### **USE RESTRICTIONS**

- **DO NOT** apply more than 12 fl oz (0.38 lb ai) of this product per acre per application.
- DO NOT apply more than 24 fl oz (0.75 lb ai) of this product per acre per year.
- DO NOT apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per year.
- Exercise good judgment and caution when applying to dormant turfgrass until familiarity is gained with this product.
- DO NOT apply to golf course putting greens.
- DO NOT apply to warm season turfgrass that has been overseeded with cool season turfgrass (ex. perennial rye, Poa trivialis).
- **DO NOT** irrigate within 1 hour before or after application.
- **DO NOT** apply if rain is expected within 1 hour after application.
- DO NOT mow turfgrass within 12 hours after application.
- DO NOT apply within 30 days prior to cutting or lifting sod.
- DO NOT re-apply this product within 30 days.
- DO NOT apply in fall before turfgrass has ceased active growth or in late winter/ early spring after turfgrass has resumed active growth.
- Not for homeowner use.

### **USE PRECAUTIONS**

Allow 8 weeks between application and seeding or sodding of turfgrass.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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: For plastic containers ≤ 5 gallons: Nonrefillable **Container: DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities. For plastic containers > 5 gallons: Nonrefillable container, DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Recap 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

### LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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