



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

94396-34

Date of Issuance:

2/11/22

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Aquatrols Trinexapac-Ethyl

Name and Address of Registrant (include ZIP Code):

Aquatrols Corporation of America  
c/o Biologic Regulatory Consulting, Inc.  
10529 Heritage Bay Blvd.  
Naples, FL 34120

**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. Submit one copy of the revised final printed label for the record before you release the product for shipment.

*Continues page 2*

Signature of Approving Official:

Mindy Ondish, Product Manager 23  
Herbicide Branch, Registration Division (7505P)

Date:

2/11/22

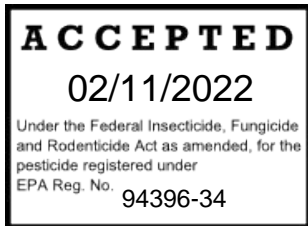
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated 07/26/2021

If you have any questions, please contact Jamie Harrington at (202) 566-2726 or by email at [harrington.jamie@epa.gov](mailto:harrington.jamie@epa.gov).

Enclosure



# Aquatrols Trinexapac-Ethyl For Turf Growth Management

A micro emulsion concentrate used to manage growth and improve quality and stress tolerance of turf edging and warm- and cool-season turfgrasses.

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT</b>
Trinexapac-ethyl: .....	12.0%
<b>OTHER INGREDIENTS:</b> .....	<b>88.0%</b>
<b>TOTAL:</b> .....	<b>100.0%</b>

\*Contains 1 pound of active ingredient per gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

**Sold by:**  
Aquatrols Corporation of America  
1273 Imperial Way  
Paulsboro, NJ, 08066

EPA Reg. No. 94396-34

EPA Est. No. XXXXXXXXXX

**NET CONTENTS: \_\_\_\_ GALLON(S)**

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 8:00 AM-12:00 PM PST. You may also contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment information. <b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.</p>	
<p><b>NOTE TO PHYSICIAN:</b> If a large amount has been ingested, lavage stomach. An aqueous suspension of activated charcoal can be given to absorb remaining toxicant. Treat symptomatically</p>	

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

Causes moderate eye irritation. Do not get in eyes. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks

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

**PHYSICAL AND CHEMICAL HAZARDS**

Do not mix or allow coming into contact with oxidizing agents. Hazardous chemical reaction may occur.

**ENGINEERING CONTROLS**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(D-E) ], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**User should:**

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

**ENVIRONMENTAL HAZARDS**

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

**DIRECTIONS FOR USE**

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

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

### AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry into 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 barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS

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

Do not enter treated areas until sprays have dried.

Observe all precautions and limitations on this label and on the labels of each product used in tank mixture with this product.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN UNEVEN GROWTH REDUCTION OR SEVERLY STUNTED TURF.**

### PRODUCT INFORMATION

**Aquatrols Trinexapac-Ethyl** is a plant growth regulator and is an odorless micro emulsion concentrate (MEC). **Aquatrols Trinexapac-Ethyl** mixes completely with water and may be tank mixed with many commonly used pesticides and liquid fertilizers.

**Aquatrols Trinexapac-Ethyl** is effective only by absorption through the grass foliage and not by plant uptake of the product through the soil. Within one hour after application, **Aquatrols Trinexapac-Ethyl** will not wash off the grass foliage. A number of factors affect the activity and performance of **Aquatrols Trinexapac-Ethyl** when used for growth management of turfgrasses including but not limited to the following:

- environmental conditions
- turfgrass management and cultural practices that affect grass growth and vigor
- level of plant fertility
- availability of moisture
- plant vigor
- state of grass growth

Watering-in is not necessary for activation of **Aquatrols Trinexapac-Ethyl**.

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

**TURFGRASS:** **Aquatrols Trinexapac-Ethyl** reduces the growth of warm- and cool-season turfgrasses. When used according to directions for turf growth management, **Aquatrols Trinexapac-Ethyl** reduces the frequency of mowing and the amount of grass clippings generated by mowing. **Aquatrols Trinexapac-Ethyl** applications may also increase the color, quality, and density of turf.

**Aquatrols Trinexapac-Ethyl** can be applied to the following sites that have well-maintained, quality turfgrass areas:

- lawns (residential and commercial)
- golf courses
- sod farms\*
- sports fields, cemeteries, and similar areas.
- difficult-to-mow areas

**\*Not for use on sod farms in AZ**

**Aquatrols Trinexapac-Ethyl** minimizes the need for edging of turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, storage sheds, and trees.

**USE DIRECTIONS FOR APPLICATIONS TO TURFGRASS**

**MOWING**

For greater suppression with **Aquatrols Trinexapac-Ethyl**, maintain turfgrass at lower mowing heights. Note that the rates given in the **APPLICATION RATE TABLE** are for turf at typical mowing heights; therefore, the application rates should be adjusted based on the grass height at application. The lower the height of cut of the particular turfgrass species, the less material is required to provide the desired turf growth regulator effect.

Turfgrass injury can be minimized by using one of the following options:

1. Mow 4 hours after the application of **Aquatrols Trinexapac-Ethyl**;  
**OR**
2. Mow 1 hour before application of **Aquatrols Trinexapac-Ethyl**.

**EQUIPMENT**

**Aquatrols Trinexapac-Ethyl** may be applied using one of the following types of spray equipment:

- backpack sprayers
- hand sprayers
- boom sprayers
- spraygun application devices

Use only spray equipment that has been thoroughly cleaned before use. Ensure that the sprayer will deliver an accurate and uniform spray by calibration of the equipment. After use, clean the sprayer with clean water and dispose of rinsate according to label directions.

**MIXING INSTRUCTIONS**

1. Add **Aquatrols Trinexapac-Ethyl** to a sufficient amount of water (ex., 0.5 to 4.0 gallons of water per 1000 sq ft).
2. Mix only the volume of spray mixture required for the square footage to be treated.
3. Ensure adequate agitation during application.
4. When **Aquatrols Trinexapac-Ethyl** is used as a tank mix with other products, agitation is required.
5. Apply **Aquatrols Trinexapac-Ethyl** in a uniform manner to ensure thorough coverage of the crop.

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

**Backpack and Hand Sprayers (0.5 to 4.0 gallon capacities)**

**Aquatrols Trinexapac-Ethyl Alone:** Fill the spray tank with total amount of water required. Add the appropriate amount of **Aquatrols Trinexapac-Ethyl**. Close the spray tank and agitate to ensure a uniform solution. Make spray applications to turfgrass.

**Boom and Hand-Gun Sprayers**

**Aquatrols Trinexapac-Ethyl Alone:** Fill the spray tank with total amount of water required. Agitate the water while adding **Aquatrols Trinexapac-Ethyl**.

**Aquatrols Trinexapac-Ethyl Plus Tank Mixtures:** Before mixing **Aquatrols Trinexapac-Ethyl** with other components, determine the compatibility of the tank mix using the **TANK MIX COMPATIBILITY TEST** below. Once the compatibility of the mixture is assured, add the products (such as carrier or other pesticide products) to the spray tank in the order noted below:

1. Add 1/2 of the required amount of water to the spray tank.
2. Keep the tank mix agitated to ensure formation of a uniform suspension.
3. Add any products that are packaged in water-soluble bags first. Keep the tank mix agitated to ensure that the water-soluble bags dissolve and the contents dispersed in the tank mix. Continue agitation and then add water-dispersible granules (WG), followed by wettable powders (WP). Before adding other products, ensure complete dispersal of the solid products.
4. Add emulsifiable concentrates (EC).
5. Add flowable liquids (FL) or suspension concentrates (SC).
6. Add **Aquatrols Trinexapac-Ethyl**.
7. Add spray adjuvant and spray markers. Use surfactants approved for application to turf. Check surfactant label before use.
8. Add the remainder of the water.
9. Agitate tank mix combinations. Do not let mixtures sit in the spray tank without agitation. Only prepare the amount of spray mix required for use on one day and apply it all that day.

### **TANK MIX COMPATIBILITY TEST**

Add relative proportionate amounts of **Aquatrols Trinexapac-Ethyl**, other products to be used, and the water in a clear glass quart jar with a lid. Close the lid and invert the jar several times and observe the mixture for approximately 30 minutes. **The mixture is not compatible if the following is observed:** formation of balls, flakes, sludges, gels, oily films or layers; or precipitates.

### **APPLICATION NEAR AND AROUND MONUMENTS AND HARDSCAPE MATERIALS**

Brass, bronze, concrete, marble, granite, or other types of stone are not stained by **Aquatrols Trinexapac-Ethyl** when applied at normal dilution rates. To ensure **Aquatrols Trinexapac-Ethyl** will not stain other materials, test **Aquatrols Trinexapac-Ethyl** on a small-scale basis before using on a larger scale.

### **PRE-STRESS CONDITIONING OF TURFGRASS**

To delay the onset of stress, improve turf survival under stress, and enhance the turf's recovery from stress, make multiple applications of **Aquatrols Trinexapac-Ethyl**. Normal turf cultural practices such as fertilization, irrigation, drainage, mowing height, etc. should be maintained.

**Aquatrols Trinexapac-Ethyl** can be applied to healthy, actively growing turf before the onset of stress and may continue to be applied throughout the growing season as long as the turf remains healthy. **Do not apply more than 7.0 fl oz per 1000 sq ft (305 fl oz per acre which is equivalent to 19.0 pts. per acre) (2.4 lb ai/A) per year.**

Application of **Aquatrols Trinexapac-Ethyl** may produce turfgrass root-mass which is often greater in treated turf than in similar untreated turf. This increase in turfgrass root-mass is a result of the reduction in turf top growth, thereby redirecting the energy to below-ground plant parts and increasing production of the root and rhizome system.

Enhanced fungicide performance has been demonstrated in research trials when monthly applications of **Aquatrols Trinexapac-Ethyl** at the label rate or biweekly applications at 1/2 the label rate were shown to strengthen the turfgrass and to help it resist disease. Since mowing is less frequent and removal of leaf material is reduced, contact and systemic fungicide products remain more effective in or on the turf longer.

Multiple applications of **Aquatrols Trinexapac-Ethyl** will result in smaller, more compact turfgrass and reduced leaf area. This causes a reduction in transpiration and water use and improves drought tolerance of the turfgrass. Loss of moisture from soil evaporation is reduced by the increased turf density allowing soil moisture to be available due to increased root depth and mass. **Aquatrols Trinexapac-Ethyl** also may increase carbohydrate levels in turfgrass; increased carbohydrate levels have been shown to enhance heat and cold tolerance of turfgrass.

### **SUPPRESSION OF ANTHRACNOSE**

**Aquatrols Trinexapac-Ethyl** can be applied at rates of 0.1 to 0.2 fl oz per 1000 sq ft every 7 to 14 days to suppress basal rot anthracnose. Use the lower rate when seedheads are present. For optimal disease control, tank mix with fungicides registered for the control of anthracnose.

### **POA ANNUA CONVERSION/RENOVATION**

When overseeding or renovating existing turf infested with strands of *Poa annua*, **Aquatrols Trinexapac-Ethyl** use allows better germination and seedling growth of the more desirable turf, results in fewer clippings, and thus reduces maintenance traffic on new seedlings. **Aquatrols Trinexapac-Ethyl** is foliarly-absorbed; therefore, it does not affect seed germination. **Aquatrols Trinexapac-Ethyl** should be applied 1 to 5 days before seeding and before verticutting, scalping, spiking, or other similar operations.

Temporary initial discoloration of turfgrass infested with *Poa annua* is possible with aggressive application rates of **Aquatrols Trinexapac-Ethyl**. In the subsequent spring season, apply **Aquatrols Trinexapac-Ethyl** at the higher rate for the turf type and setting listed in the **APPLICATION RATE TABLE**. As described above, the success of this treatment will also depend on other factors such as growing conditions, fertilization, rainfall, and other agronomic and environmental conditions.

### **BERMUDAGRASS OVERSEEDING**

In addition to normal turfgrass cultural practices, **Aquatrols Trinexapac-Ethyl** applications to Bermudagrass enhance the establishment of cool-season turfgrasses and help ensure new seedling vigor and growth, will result in fewer clippings, and less maintenance traffic on new seedlings. Since **Aquatrols Trinexapac-Ethyl** is foliarly absorbed, germination and seedling growth is unaffected by **Aquatrols Trinexapac-Ethyl**.

Apply **Aquatrols Trinexapac-Ethyl** 1 to 5 days before seeding and before verticutting, scalping, spiking, or other similar operations to the bermudagrass.

Aggressive application rates of **Aquatrols Trinexapac-Ethyl** may cause temporary initial discoloration of turfgrass. To avoid discoloration, use the normal seeding rates for your area and turf setting (lawn, fairway, etc.). The success of overseeding will depend on a number of factors including growing conditions, fertilization, rainfall, and other agronomic and environmental conditions. See the **APPLICATION RATE TABLE** for maintenance application rates.

### **APPLICATIONS WITH TURF-MARKING PAINT**

The duration of marking paint on turf can be extended when **Aquatrols Trinexapac-Ethyl** is applied before or with the marking agents. When used with latex-based marking agents, mix **Aquatrols Trinexapac-Ethyl** with water before adding the marking agent. For further directions, read the product label for the marking agent and the **Aquatrols Trinexapac-Ethyl** + tank mixtures section of this label.

#### **Use Rate:**

- 1 fluid ounce of **Aquatrols Trinexapac-Ethyl** in 1 gallon of marking paint treats approximately 1000 sq ft of line surface area.

### **PLANT TOLERANCE**

The grasses listed on this label have been shown to be tolerant of **Aquatrols Trinexapac-Ethyl**. It is impossible to test every species and cultivars of grasses for tolerance to **Aquatrols Trinexapac-Ethyl**. Before commercial use, the professional user should determine if **Aquatrols Trinexapac-Ethyl** can be used safely on grasses not listed in the **APPLICATION RATE TABLE** by conducting small-scale tests. The lower rate for turf setting (lawn, fairway, etc.) should be tested and evaluated for phytotoxicity and growth inhibition prior to use on a large scale.

### **PRECAUTIONS**

- Continue normal cultural practices (such as irrigation; fertilization; and weed, disease and insect control) when necessary in areas treated with **Aquatrols Trinexapac-Ethyl** to ensure quality turf.
- Because some herbicides can injure turf, test tank mixes with **Aquatrols Trinexapac-Ethyl** on a small scale before widespread use. See the directions for testing in the **TANK MIX COMPATIBILITY TEST** section above.
- **Aquatrols Trinexapac-Ethyl** may cause temporary yellowing of turfgrass which usually disappears about one week after application. If readily available nitrogen (0.2-0.5 lb of actual nitrogen per 1000 sq ft) is applied to turfgrass, the yellowing is minimized and the green color is enhanced. Alternatively, specified rates of iron per 1000 sq ft can also be used.
- Regulation of full growth by **Aquatrols Trinexapac-Ethyl** usually begins at 3-5 days after application.
- If using **Aquatrols Trinexapac-Ethyl** in a tank mixture, observe all directions for use, use sites, use rate dilution ratios, precautions, and limitations which appear on the tank mix product's label. Do not exceed any label use rate and follow the most restrictive label precautions and limitations. Do not apply this product with any product which prohibits such mixing.

### **RESTRICTIONS:**



- The single maximum application rate must not exceed 0.68 lb ai/A. DO NOT double the single maximum application rate for extended suppression
- Do not apply more than a total of 19 pt. per acre (7.0 fl oz per 1000 sq ft which is equivalent to 305 fl oz per acre) (2.4 lb ai/A) per year.
- Do not apply **Aquatrols Trinexapac-Ethyl** through any type of irrigation system.
- Do not graze areas or feed turf grass clippings to livestock.

**APPLICATION RATES AND TIMING**

Apply **Aquatrols Trinexapac-Ethyl** to actively growing turf. Use the lower rate of **Aquatrols Trinexapac-Ethyl** in situations when turf is going dormant due to high or low temperatures, or to lack of moisture.

Make repeat application(s) of **Aquatrols Trinexapac-Ethyl** as soon as the turf resumes growth or if more suppression is desired. **Do not apply more than 7.0 fl oz per 1000 sq ft (305 fl oz per acre which is equivalent to 19.0 pts. per acre) (2.4 lb ai/A) per year.**

The **APPLICATION RATE TABLE** provides use rates that lead to approximately 50% growth inhibition over a 4-week period and produce little or no discoloration of turf when turf is growing under favorable conditions.

High fertilization and spring flushes may cause excessive turf growth which may require higher rates of **Aquatrols Trinexapac-Ethyl**. Under these conditions, increase the **Aquatrols Trinexapac-Ethyl** rate up to 50% to ensure an adequate length of control.

A reduction of up to 50% of the **Aquatrols Trinexapac-Ethyl** use rates may be needed for turfgrass grown under conditions of low fertility, compaction, or other factors which lead to stress of the turf.

**Repeat applications of Aquatrols Trinexapac-Ethyl are permitted during the growing season, but do not exceed a total of 7.0 fl oz per 1000 sq ft (305 fl oz per acre which is equivalent to 19.0 pts. per acre) (2.4 lb ai/A) per year.**

**APPLICATION RATE TABLE  
FOR USE OF AQUATROLS TRINEXAPAC-ETHYL**

Turf Type	Residential and Commercial Turf <sup>b</sup>	Golf Course Fairways (Cut at 0.5" or less)	Golf Course Greens & Tees	Edging/Banding <sup>c</sup>
	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)
<b>COOL-SEASON GRASSES<sup>a</sup></b>				
Bentgrass	33 (0.75)	11 (0.25)	6 (0.125)	44 (1.0)
Fescue, Red	33 (0.75)			44 (1.0)
Fescue, Tall (Ky-31)	44 (1.0)			44 (1.0)
Fescue, Tall (Turf Types)	33 (0.75)			44 (1.0)
Kentucky Bluegrass	26 (0.60)	11 (0.25)		33 (0.75)
Mixture (Bentgrass/ <i>Poa annua</i> )		11 (0.25)	7 (0.125)	
Mixture (K. Bluegrass/Fescue/Ryegrass)	33 (0.75)			
Mixture (K. Bluegrass/Ryegrass/ <i>Poa annua</i> )		22 <sup>d</sup> (0.50)		
Ryegrass, Annual	44 (1.0)			44 (1.0)
Ryegrass, Perennial	44 (1.0)	22 (0.50)		44 (1.0)

Turf Type	Residential and Commercial Turf <sup>b</sup>	Golf Course Fairways (Cut at 0.5" or less)	Golf Course Greens & Tees	Edging/Banding <sup>c</sup>
	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)	fl oz/A (fl oz/1000 sq ft)
<b>WARM-SEASON GRASSES<sup>a</sup></b>				
Bahiagrass	44 (1.0)			44-88 (1-2)
Bermudagrass <sup>e</sup> , Common	33 (0.75)	11 (0.25)		44-88 (1-2)
Bermudagrass <sup>e</sup> , Other Hybrids	11 (0.25)	9 (0.20)		22-33 (0.50-0.75)
Bermudagrass <sup>e</sup> , Tifdwarf	9 (0.20)	9 (0.20)	3 (0.062)	22-33 (0.50-0.75)
Bermudagrass <sup>e</sup> , Tifgreen (328)	11 (0.25)	9 (0.20)	6 (0.125)	33 (0.75)
Bermudagrass <sup>e</sup> , Tifway (419)	16 (0.38)	11 (0.25)		33 (0.75)
Buffalograss	44 (1.0)			44 (1.0)
Carpetgrass	11-18 (0.25-0.40)			22 (0.50)
Centipedegrass	22 (0.50)			44 (1.0)
Kikuyugrass	13-22 (0.30-0.50)	13 (0.30)		44 (1.0)
Seashore Paspalum	16 (0.375)	6-11 (0.125-0.25)	4-9 (0.08-0.20)	22 (0.50)
St. Augustinegrass	4.50-6.50 (0.10-0.15)			18-36 (0.40-0.80)
St. Augustinegrass, Texas Common	4.5 (0.10)			9 (0.20)
Zoysiagrass	11 (0.25)	6 (0.125)		33 (0.33)

**Footnotes for APPLICATION RATE TABLE**

<sup>a</sup> Seedheads: **Aquatrols Trinexapac-Ethyl** suppresses seedhead formation in hybrid bermudagrass and partially suppresses seedhead formation in annual bluegrass, bahiagrass, buffalograss, carpetgrass, common bermudagrass, Kentucky bluegrass, and tall fescue at the rates in this table and only if **Aquatrols Trinexapac-Ethyl** is applied prior to seedhead formation. The single maximum application rate must not exceed 0.68 lb ai/A. DO NOT double the single maximum application rate for extended suppression. Do not apply more than a total of 19 pt. per acre Do not apply more than a total of 19 pt. per acre (7.0 fl oz per 1000 sq ft which is equivalent to 305 fl oz per acre) (2.4 lb ai/A) per year.

<sup>b</sup> Residential and Commercial Turf includes sites such as but not limited to business sites, cemeteries, golf course roughs, home lawns, parks, recreation areas, sod farms\*, and sports fields.

<sup>c</sup> Apply **Aquatrols Trinexapac-Ethyl** along the perimeter of curbs, driveways, fences, lawns, parking lots, pet pens, posts, sidewalks, storage buildings, or other areas. When **Aquatrols Trinexapac-Ethyl** is applied around flower beds, shrubs, trees, and other border plants or similar areas, these ornamental plantings will not be injured. Apply **Aquatrols Trinexapac-Ethyl** in an 8- to 12-inch band using a single nozzle sprayer. The higher concentrations listed reduce the growth of the turfgrass into adjacent areas.

<sup>d</sup> To prevent yellowing of *Poa annua*, use half this rate and apply more frequently. If temporary discoloration of *Poa annua* in conversion/renovation programs can be tolerated, use twice this application rate.

<sup>e</sup> To prepare bermudagrass for overseeding, use 0.50 oz per 1000 sq ft on golf fairways and tees and 0.25 oz per 1000 sq ft on golf greens/tees.

**\*Not for use on sod farms in AZ**

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store below 0°F. If crystals do form, store above 70°F, shaking periodically until crystals are dissolved.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. 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 (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

**Refillable Container:** Refillable container. Refill this container with trinexapac-ethyl 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 percent 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## IMPORTANT INFORMATION READ BEFORE USING PRODUCT

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.**

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