

**QUALI-PRO**

GROUP 23 GROWTH REGULATOR

**T-NEX**®



## Plant Growth Regulator For Turf Growth Management

Contains trinexapac-ethyl, the active ingredient used in Primo MAXX®

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

**ACTIVE INGREDIENT:**

Trinexapac-ethyl: ..... 12.0%  
OTHER INGREDIENTS: ..... 88.0%  
TOTAL: ..... 100.0%

\*Contains 1 pound of active ingredient per gallon

**CONTENTS: 2.5 GALLONS**



**KEEP OUT OF  
REACH OF CHILDREN  
CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 53883-353  
EPA Est. No. 53883-TX-002



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

### 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>

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. **FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

**NOTE TO PHYSICIAN:** If a large amount has been ingested, lavage stomach. An aqueous suspension of activated charcoal can be given to absorb remaining toxicant. Treat symptomatically

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

Harmful if swallowed. Avoid contact with eyes, skin, or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as nitrile, butyl, neoprene, or barrier laminate)
- 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 CHEMICAL HAZARDS:

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

#### ENGINEERING CONTROL STATEMENTS

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 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### 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.

The restricted-entry interval (REI) for this product is 0 days.

**Do not enter treated areas without footwear until sprays have dried.**

### 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 without footwear 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 SEVERELY STUNTED TURF.**

### INFORMATION

Quali-Pro® T-Nex® is a plant growth regulator and is an odorless micro emulsion concentrate (MEC). Quali-Pro® T-Nex® mixes completely with water and may be tank mixed with many commonly used pesticides and liquid fertilizers.

Quali-Pro® T-Nex® 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, Quali-Pro® T-Nex® will not wash off the grass foliage. A number of factors affect the activity and performance of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®.

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

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

Quali-Pro® T-Nex® 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

Quali-Pro® T-Nex® minimizes the need for edging of turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, storage sheds, and trees.

\*Not for use on sod farms in AZ

### USE DIRECTIONS FOR APPLICATIONS TO TURFGRASS

#### MOWING

For greater suppression with Quali-Pro® T-Nex®, 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 Quali-Pro® T-Nex®;

OR

2. Mow 1 hour before application of Quali-Pro® T-Nex®.

## EQUIPMENT

Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is used as a tank mix with other products, agitation is required.
5. Apply Quali-Pro® T-Nex® in a uniform manner to ensure thorough coverage of the crop.

For tank mixtures, use only if the mixing partner is registered for this use. Do not mix Quali-Pro® T-Nex® with any product which prohibits such mixing. Do not exceed any label application rate and follow the most restrictive label precautions and limitations. Refer to the tank mix partner label(s) for further information

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

**Quali-Pro® T-Nex® Alone:** Fill the spray tank with total amount of water required. Add the appropriate amount of Quali-Pro® T-Nex®. Close the spray tank and agitate to ensure a uniform solution. Make spray applications to turfgrass.

### Boom and Hand-Gun Sprayers

**Quali-Pro® T-Nex® Alone:** Fill the spray tank with total amount of water required. Agitate the water while adding Quali-Pro® T-Nex®.

**Quali-Pro® T-Nex® Plus Tank Mixtures:** Before mixing Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®.
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 Quali-Pro® T-Nex®, 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 Quali-Pro® T-Nex® when applied at normal dilution rates. To ensure Quali-Pro® T-Nex® will not stain other materials, test Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. Normal turf cultural practices such as fertilization, irrigation, drainage, mowing height, etc. should be maintained.

Quali-Pro® T-Nex® 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 per year.**

Application of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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. Quali-Pro® T-Nex® also may increase carbohydrate levels in turfgrass; increased carbohydrate levels have been shown to enhance heat and cold tolerance of turfgrass.

#### **SUPPRESSION OF ANTHRACNOSE**

Quali-Pro® T-Nex® 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 Quali-Pro® Propiconazole 14.3, Quali-Pro® Chlorothalonil, Medallion®, or other fungicides registered for the control of anthracnose.

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

When overseeding or renovating existing turf infested with strands of *Poa annua*, Quali-Pro® T-Nex® use allows better germination and seedling growth of the more desirable turf, results in fewer clippings, and thus reduces maintenance traffic on new seedlings. Quali-Pro® T-Nex® is foliarly absorbed; therefore, it does not affect seed germination. Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. In the subsequent spring season, apply Quali-Pro® T-Nex® 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, Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is foliarly absorbed, germination and seedling growth is unaffected by Quali-Pro® T-Nex®.

Apply Quali-Pro® T-Nex® 1 to 5 days before seeding and before verticutting, scalping, spiking, or other similar operations to the bermudagrass.

Aggressive application rates of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is applied before or with the marking agents. When used with latex-based marking agents, mix Quali-Pro® T-Nex® with water before adding the marking agent. For further directions, read the product label for the marking agent and the Quali-Pro® T-Nex® + tank mixtures section of this label.

Use Rate:

- 1 ounce of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. It is impossible to test every species and cultivars of grasses for tolerance to Quali-Pro® T-Nex®. Before commercial use, the professional user should determine if Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® to ensure quality turf.
- Because some herbicides can injure turf, test tank mixes with Quali-Pro® T-Nex® on a small scale before widespread use. See the directions for testing in the **TANK MIX COMPATIBILITY TEST** section above.
- Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® usually begins at 3-5 days after application.
- If using Quali-Pro® T-Nex® 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.
- Do not apply Quali-Pro® T-Nex® through any type of irrigation system.
- Do not graze areas or feed turf grass clippings to livestock.

#### **APPLICATION RATES AND TIMING**

Apply Quali-Pro® T-Nex® to actively growing turf. Use the lower rate of Quali-Pro® T-Nex® in situations when turf is going dormant due to high or low temperatures, or to lack of moisture.

Make repeat application(s) of Quali-Pro® T-Nex® 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 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 Quali-Pro® T-Nex®. Under these conditions, increase the Quali-Pro® T-Nex® rate up to 50% to ensure an adequate length of control.

A maximum of twice the recommended Quali-Pro® T-Nex® rate from the Application Rate Table may be applied in order to ensure extended growth suppression of up to 8 weeks and when temporary discoloration can be tolerated,

A reduction of up to 50% of the Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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) per year.

**APPLICATION RATE TABLE FOR USE OF QUALI-PRO® T-NEX®**

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> )		22d (0.50)		
Ryegrass, Annual	44 (1.0)			44 (1.0)
Ryegrass, Perennial	44 (1.0)	22 (0.50)		44 (1.0)

(continued)

**APPLICATION RATE TABLE FOR USE OF QUALI-PRO® T-NEX® (continued)**

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>d</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: Quali-Pro® T-Nex® 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 rates equal to or higher than the rates in this table and only if Quali-Pro® T-Nex® is applied prior to seedhead formation. Do not apply more than 7.0 fl oz per 1000 sq ft 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 Quali-Pro® T-Nex® along the perimeter of curbs, driveways, fences, lawns, parking lots, pet pens, posts, sidewalks, storage buildings, or other areas. When Quali-Pro® T-Nex® is applied around flower beds, shrubs, trees, and other border plants or similar areas, these ornamental plantings will not be injured. Apply Quali-Pro® T-Nex® 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.

**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.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, 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 risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. 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, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** 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 or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc. election, the replacement of product.

Quali-Pro® and T-Nex® are registered trademarks of ADAMA Group Company.

Primo MAXX® is a registered trademark of Syngenta Group Company.

Quali-Pro® T-Nex® is not manufactured or distributed by Syngenta Crop Protection, Inc.

Medallion is a registered trademark of a Syngenta Group Company.

4/2/2015



**QUALI-PRO**<sup>®</sup>

# T-NEX<sup>®</sup>



## Plant Growth Regulator For Turf Growth Management

Contains trinexapac-ethyl, the active ingredient used in Primo MAXX<sup>®</sup>

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

**ACTIVE INGREDIENT:**

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**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 53883-353  
EPA Est. No. 53883-TX-002



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

**CONTENTS: 2.5 GALLONS**

# Proof Approval

If you have any questions, please contact

## ART DEPARTMENT

PHONE: 406.863.3800

FAX: 406.862.3544




Total Label USA LLC  
Your Total Label Solution.



Total Label *Digital*  
Your Large Format, Durable Label Solution.

Please email artwork to:  
**art@totallabel.com**  
500 Label Lane  
Whitefish, MT 59937

DATE 3/21/2016	ATTENTION ERICA CARDENAS	COMPANY CONTROL SOLUTIONS INC	JOB NUMBER 75849_07239
LABEL DESCRIPTION T-NEX • 1 GALLON Book		LABEL SIZE 6.00000" X 5.50000"	DIE SHAPE RCR
COLORS Black, 1375, 408, 347		UPC NUMBER 0 72693 39988 4	LABELS/CORE 15
FINISH LAMINATION	STOCK WHITE BOPP	ADHESIVE PERMANENT	REWIND DIRECTION 

**APPROVED**

By Shannon Cooley at 9:12 am, Mar 28, 2016

NOTE: Per my signature, I have read the information contained on this proof approval form including, but not limited to, copy, rewind direction, color and size. I understand that my signature confirms that the information is my responsibility and is correct and labels will be produced according to this signed document.

Color proofs are not true representations of color. Use for color breaks only.

### CHANGES

(please mark below) Signature of Authorized Customer Representative Date

NOTE:

SEE FOLLOWING PAGES FOR ARTWORK

# QUALI-PRO®

GROUP 23 GROWTH REGULATOR

# T-NEX®



## Plant Growth Regulator For Turf Growth Management

Contains trinexapac-ethyl, the active ingredient used in Primo MAXX®

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

**ACTIVE INGREDIENT:**

Trinexapac-ethyl: .....12.0%  
OTHER INGREDIENTS:.....88.0%  
TOTAL:..... 100.0%

\*Contains 1 pound of active ingredient per gallon

### CONTENTS: 1 GALLON



**KEEP OUT OF  
REACH OF CHILDREN  
CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 53883-353  
EPA Est. No. 53883-TX-002



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

<b>FIRST AID</b>	
<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**

Harmful if swallowed. Avoid contact with eyes, skin, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as nitrile, butyl, neoprene, or barrier laminate)
- 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 CHEMICAL HAZARDS:**

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

**ENGINEERING CONTROL STATEMENTS**

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 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## 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.

The restricted-entry interval (REI) for this product is 0 days.

**Do not enter treated areas without footwear until sprays have dried.**

### 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 without footwear 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 SEVERELY STUNTED TURF.**

## INFORMATION

Quali-Pro® T-Nex® is a plant growth regulator and is an odorless micro emulsion concentrate (MEC). Quali-Pro® T-Nex® mixes completely with water and may be tank mixed with many commonly used pesticides and liquid fertilizers.

Quali-Pro® T-Nex® 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, Quali-Pro® T-Nex® will not wash off the grass foliage. A number of factors affect the activity and performance of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®.

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

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

Quali-Pro® T-Nex® 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

Quali-Pro® T-Nex® minimizes the need for edging of turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, storage sheds, and trees.

\*Not for use on sod farms in AZ

## USE DIRECTIONS FOR APPLICATIONS TO TURFGRASS

### MOWING

For greater suppression with Quali-Pro® T-Nex®, 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 Quali-Pro® T-Nex®;

OR

2. Mow 1 hour before application of Quali-Pro® T-Nex®.

### EQUIPMENT

Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is used as a tank mix with other products, agitation is required.
5. Apply Quali-Pro® T-Nex® in a uniform manner to ensure thorough coverage of the crop.

For tank mixtures, use only if the mixing partner is registered for this use. Do not mix Quali-Pro® T-Nex® with any product which prohibits such mixing. Do not exceed any label application rate and follow the most restrictive label precautions and limitations. Refer to the tank mix partner label(s) for further information

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

**Quali-Pro® T-Nex® Alone:** Fill the spray tank with total amount of water required. Add the appropriate amount of Quali-Pro® T-Nex®. Close the spray tank and agitate to ensure a uniform solution. Make spray applications to turfgrass.

#### Boom and Hand-Gun Sprayers

**Quali-Pro® T-Nex® Alone:** Fill the spray tank with total amount of water required. Agitate the water while adding Quali-Pro® T-Nex®.

**Quali-Pro® T-Nex® Plus Tank Mixtures:** Before mixing Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®.
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 Quali-Pro® T-Nex®, 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 Quali-Pro® T-Nex® when applied at normal dilution rates. To ensure Quali-Pro® T-Nex® will not stain other materials, test Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. Normal turf cultural practices such as fertilization, irrigation, drainage, mowing height, etc. should be maintained.

Quali-Pro® T-Nex® 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 per year.**

Application of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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. Quali-Pro® T-Nex® also may increase carbohydrate levels in turfgrass; increased carbohydrate levels have been shown to enhance heat and cold tolerance of turfgrass.

#### SUPPRESSION OF ANTHRACNOSE

Quali-Pro® T-Nex® 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 Quali-Pro® Propiconazole 14.3, Quali-Pro® Chlorothalonil, Medallion®, or other fungicides registered for the control of anthracnose.

#### POA ANNUA CONVERSION/RENOVATION

When overseeding or renovating existing turf infested with strands of *Poa annua*, Quali-Pro® T-Nex® use allows better germination and seedling growth of the more desirable turf, results in fewer clippings, and thus reduces maintenance traffic on new seedlings. Quali-Pro® T-Nex® is foliarly-absorbed; therefore, it does not affect seed germination. Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. In the subsequent spring season, apply Quali-Pro® T-Nex® 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, Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is foliarly absorbed, germination and seedling growth is unaffected by Quali-Pro® T-Nex®.

Apply Quali-Pro® T-Nex® 1 to 5 days before seeding and before verticutting, scalping, spiking, or other similar operations to the bermudagrass.

Aggressive application rates of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® is applied before or with the marking agents. When used with latex-based marking agents, mix Quali-Pro® T-Nex® with water before adding the marking agent. For further directions, read the product label for the marking agent and the Quali-Pro® T-Nex® + tank mixtures section of this label.

Use Rate:

- 1 ounce of Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex®. It is impossible to test every species and cultivars of grasses for tolerance to Quali-Pro® T-Nex®. Before commercial use, the professional user should determine if Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® to ensure quality turf.
- Because some herbicides can injure turf, test tank mixes with Quali-Pro® T-Nex® on a small scale before widespread use. See the directions for testing in the **TANK MIX COMPATIBILITY TEST** section above.
- Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® usually begins at 3-5 days after application.
- If using Quali-Pro® T-Nex® 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.
- Do not apply Quali-Pro® T-Nex® through any type of irrigation system.
- Do not graze areas or feed turf grass clippings to livestock.

#### **APPLICATION RATES AND TIMING**

Apply Quali-Pro® T-Nex® to actively growing turf. Use the lower rate of Quali-Pro® T-Nex® in situations when turf is going dormant due to high or low temperatures, or to lack of moisture.

Make repeat application(s) of Quali-Pro® T-Nex® 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 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 Quali-Pro® T-Nex®. Under these conditions, increase the Quali-Pro® T-Nex® rate up to 50% to ensure an adequate length of control.

A maximum of twice the recommended Quali-Pro® T-Nex® rate from the Application Rate Table may be applied in order to ensure extended growth suppression of up to 8 weeks and when temporary discoloration can be tolerated,

A reduction of up to 50% of the Quali-Pro® T-Nex® 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 Quali-Pro® T-Nex® 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) per year.

**APPLICATION RATE TABLE FOR USE OF QUALI-PRO® T-NEX®**

Turf Type	Residential and Commercial Turf <sup>a</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> )		22d (0.50)		
Ryegrass, Annual	44 (1.0)			44 (1.0)
Ryegrass, Perennial	44 (1.0)	22 (0.50)		44 (1.0)

(continued)

**APPLICATION RATE TABLE FOR USE OF QUALI-PRO® T-NEX® (continued)**

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>+</sup> , Common	33 (0.75)	11 (0.25)		44-88 (1-2)
Bermudagrass <sup>+</sup> , Other Hybrids	11 (0.25)	9 (0.20)		22-33 (0.50-0.75)
Bermudagrass <sup>+</sup> , Tifdwarf	9 (0.20)	9 (0.20)	3 (0.062)	22-33 (0.50-0.75)
Bermudagrass <sup>+</sup> , Tifgreen (328)	11 (0.25)	9 (0.20)	6 (0.125)	33 (0.75)
Bermudagrass <sup>+</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: Quali-Pro® T-Nex® 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 rates equal to or higher than the rates in this table and only if Quali-Pro® T-Nex® is applied prior to seedhead formation. Do not apply more than 7.0 fl oz per 1000 sq ft 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<sup>\*</sup>, and sports fields.
- <sup>c</sup> Apply Quali-Pro® T-Nex® along the perimeter of curbs, driveways, fences, lawns, parking lots, pet pens, posts, sidewalks, storage buildings, or other areas. When Quali-Pro® T-Nex® is applied around flower beds, shrubs, trees, and other border plants or similar areas, these ornamental plantings will not be injured. Apply Quali-Pro® T-Nex® 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.

**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.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, 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 risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. 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, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** 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 or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc. election, the replacement of product.

Quali-Pro® and T-Nex® are registered trademarks of ADAMA Group Company.

Primo MAXX® is a registered trademark of Syngenta Group Company.

Quali-Pro® T-Nex® is not manufactured or distributed by Syngenta Crop Protection, Inc.

Medallion is a registered trademark of a Syngenta Group Company.

4/2/2015

**QUALI-PRO**

**T-NEX<sup>®</sup>**



**Plant Growth Regulator  
For Turf Growth Management**

Contains trinexapac-ethyl, the active ingredient used in Primo MAXX<sup>®</sup>

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

**ACTIVE INGREDIENT:**

Trinexapac-ethyl: .....12.0%

**OTHER INGREDIENTS:.....88.0%**

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

\*Contains 1 pound of active ingredient per gallon

**KEEP OUT OF  
REACH OF CHILDREN  
CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 53883-353

EPA Est. No. 53883-TX-002



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

**CONTENTS: 1 GALLON**

**QUALI-PRO**<sup>®</sup>



**T-NEX**<sup>®</sup>

Plant Growth Regulator



0 72693 39991 4



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

Product Code #83013999  
EPA Est. No. 53883-TX-002

**NET CONTENTS: 2 x 2.5 GALLONS**

**QUALI-PRO<sup>®</sup>**



**T-NEX<sup>®</sup>**

Plant Growth Regulator



ADAMA

Manufactured by:

**Control  
Solutions Inc.**

A member of Adama  
Consumer and Professional Solutions  
5903 Genoa-Red Bluff, Pasadena, TX 77507

Product Code #83013998  
EPA Est. No. 53883-TX-002

**NET CONTENTS: 2 x 1 GALLON**