

2022-6189  
2023-05-31

This label has been updated according to the re-evaluation of Trinexapac-ethyl RVD2022-12. While users are encouraged to follow this updated label immediately, the previously approved label is valid until “18/08/2024” in accordance with the phase out period set out in RVD2022-12. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.

2022-6189  
2023-05-31

**QUALI-PRO®**

**T-NEX 11.3 ME**

Micro-Emulsion

PLANT GROWTH REGULATOR FOR TURF GROWTH MANAGEMENT

COMMERCIAL

T-NEX 11.3 ME is a micro-emulsion concentrate for managing growth of turfgrass on golf courses and commercial sod farms only.

**ACTIVE INGREDIENT:** Trinexapac-ethyl.....11.3%

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**

REGISTRATION NO.: 30683 PEST CONTROL PRODUCTS ACT

**WARNING: EYE IRRITANT**

NET CONTENTS : 1 L – 100 Litres

IN CASE OF SPILLS, POISONING OR FIRE TELEPHONE EMERGENCY  
RESPONSE NUMBER COLLECT Adama Agricultural Solutions Canada Ltd.  
855-264-6262.

Adama Agricultural Solutions Canada Ltd.  
300 – 191 Lombard Ave Winnipeg, MB  
R3B 0X1  
1-855-264-6262

## **PRECAUTIONS:**

- KEEP OUT OF THE REACH OF CHILDREN.
- KEEP PEOPLE OFF TREATED AREA UNTIL FOLIAGE IS DRY.
- Causes eye irritation. DO NOT get in eyes.
- Do not get on skin or on clothing.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. DO NOT use leather or cloth gloves. Rinse gloves with soap and water before removal and wash hands.
- Do not eat, drink or smoke during application; wash hands and face thoroughly immediately following each application of this product.
- Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and eyes.
- 
- For golf courses, **DO NOT** enter or allow entry until residues have dried.
- For sods farms, **DO NOT** enter or allow worker entry during the restricted-entry interval (REI) of 12 hours.
- QUALI-PRO®T-NEX 11.3 ME can be applied to golf course greens, tees, fairways, roughs, and sod farms only. DO NOT apply to turf in other residential areas including lawns, gardens, parks, playing fields, cemeteries and schools.
- After work, change clothing and wash contaminated clothes separately from other laundry before reuse.
- Do not contaminate food or feed.
- Do not graze livestock on treated areas.
- Do not feed clippings from treated areas to livestock or poultry.
- Avoid contact with non-target plants or any body of water. Avoid drift to these sensitive habitats. Do not contaminate aquatic systems through the disposal of waste or the cleaning/rinsing of spray equipment.
- Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

## **DO NOT APPLY BY AIR**

### **ENVIRONMENTAL PRECAUTIONS:**

Toxic to non-target terrestrial plants and aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

### **FIRST AID:**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison

2022-6189  
2023-05-31

control centre or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### **TOXICOLOGICAL INFORMATION:**

There is no specific antidote if this product is ingested. Treat symptomatically. Do not induce vomiting.

#### **STORAGE:**

1. Do not use or store near heat or open flame.
2. Keep from freezing.
3. Store in original container in a secured, dry storage area.
4. Store the tightly closed container away from seeds, fertilizers, plants and foodstuffs.
5. Prevent cross contamination with other pesticides.

#### **DISPOSAL:**

##### **For recyclable containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

##### **For refillable containers:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

#### **NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

2022-6189  
2023-05-31

**QUALI-PRO®**

**T-NEX 11.3 ME**

Micro-Emulsion

PLANT GROWTH REGULATOR FOR TURF GROWTH MANAGEMENT

COMMERCIAL

T-NEX 11.3 ME is a micro-emulsion concentrate for managing growth of turfgrass on golf courses and commercial sod farms only.

**ACTIVE INGREDIENT:** Trinexapac-ethyl.....11.3%

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**

REGISTRATION NO.: 30683 PEST CONTROL PRODUCTS ACT

**WARNING: EYE IRRITANT**

NET CONTENTS : 1 L – 100 Litres

IN CASE OF SPILLS, POISONING OR FIRE TELEPHONE EMERGENCY  
RESPONSE NUMBER COLLECT Adama Agricultural Solutions Canada Ltd at  
855-264-6262

Adama Agricultural Solutions Canada Ltd.  
300 – 191 Lombard Ave Winnipeg, MB

R3B 0X1

**1-855-PRECAUTIONS:**

- KEEP OUT OF THE REACH OF CHILDREN.
- KEEP PEOPLE OFF TREATED AREA UNTIL FOLIAGE IS DRY.
- Causes eye irritation. DO NOT get in eyes.
- Do not get on skin or on clothing.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. DO NOT use leather or cloth gloves. Rinse gloves with soap and water before removal and wash hands.
- Do not eat, drink or smoke during application; wash hands and face thoroughly immediately following each application of this product.
- Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and eyes.
- For golf courses, DO NOT enter or allow entry until residues have dried.
- For sods farms, DO NOT enter or allow worker entry during the restricted-entry interval (REI) of 12 hours.
- QUALI-PRO®T-NEX 11.3 ME can be applied to golf course greens, tees, fairways, roughs, and sod farms only. DO NOT apply to turf in other residential areas including lawns, gardens, parks, playing fields, cemeteries and schools.
- After work, change clothing and wash contaminated clothes separately from other laundry before reuse.
- Do not contaminate food or feed.
- Do not graze livestock on treated areas.
- Do not feed clippings from treated areas to livestock or poultry.
- Avoid contact with non-target plants or any body of water. Avoid drift to these sensitive habitats. Do not contaminate aquatic systems through the disposal of waste or the cleaning/rinsing of spray equipment.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

**DO NOT APPLY BY AIR**

**ENVIRONMENTAL PRECAUTIONS:**

Toxic to non-target terrestrial plants and aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

**FIRST AID:**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

2022-6189  
2023-05-31

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

There is no specific antidote if this product is ingested. Treat symptomatically. Do not induce vomiting.

**DIRECTIONS FOR USE:**

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

**DO NOT** apply by air.

**Spray buffer zones**

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Spray buffer zones (metres) required for the protection of:		
		Freshwater habitat of depths		Terrestrial habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Turf	1	1	1

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

2022-6189  
2023-05-31

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

### **STORAGE:**

1. Do not use or store near heat or open flame.
2. Keep from freezing.
3. Store in original container in a secured, dry storage area.
4. Store the tightly closed container away from seeds, fertilizers, plants and foodstuffs.
5. Prevent cross contamination with other pesticides.

### **DISPOSAL:**

#### **For recyclable containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

#### **For refillable containers:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

### **GENERAL INFORMATION:**

T-NEX 11.3 ME reduces the frequency of mowing and the amount of grass clippings by regulating the growth of turfgrass. Full growth regulation by T-NEX 11.3 ME begins about 3-5 days after application.

T-NEX 11.3 ME can be applied to well-maintained turf on golf courses and commercial sod farms. T-NEX 11.3 ME can be used to manage difficult-to-mow areas and reduce turf growth along curbs, parking lots, cart paths, bunkers and around trees, shrubs and flower beds.



2022-6189  
2023-05-31

T-NEX 11.3 ME reaches the growing point by foliar uptake. Field data have indicated that T-NEX 11.3 ME may not be rainfast soon after application. Application should be completed at least 3 hours before irrigation or rain. Areas treated with T-NEX 11.3 ME should continue to receive regular maintenance practices, including irrigation, fertilization, and weed, disease, and insect control when necessary, as recommended for quality turf.

**NOTE TO USER:** The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Adama Agricultural Solutions Canada Ltd. under the User Requested Minor Use Label Expansion program. For these uses, Adama Agricultural Solutions Canada Ltd. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

### APPLICATION INFORMATION

Environmental conditions, management, and cultural practices that affect turf growth and vigour will influence the response of the turf to T-NEX 11.3 ME applications. Fertility level, moisture availability, plant vigour, height, and frequency of mowing, have been shown to influence the activity of T-NEX 11.3 ME.

T-NEX 11.3 ME may cause temporary yellowing. This usually disappears about one week after application. To minimize yellowing and to enhance the green colour of turf, apply readily available nitrogen at 0.1- 0.25 kg of actual nitrogen per 100 m<sup>2</sup>. If desirable, recommended rates of iron per 100 m<sup>2</sup> can also be used.

T-NEX 11.3 ME can be applied every 4 weeks or later as required to actively growing turf only at the rates shown in Table 1. At these rates T-NEX 11.3 ME provides approximately 50% growth inhibition.

T-NEX 11.3 ME may be applied at one-half (1/2) of the rate shown in Table 1 when applied every two weeks or later as required during the summer when turf growth begins to slow due to the high temperatures or where yellowing of annual bluegrass (*Poa annua*) is a concern.

**NOTE: A reduction in turf quality (as overall appearance, including colour and/or density may occur after application, however reductions are transient and recovery within 2-4 weeks is normally observed.**

**NOTE: In the absence of a repeated application, turf treated with T-NEX 11.3 ME may grow more rapidly than untreated turf for several weeks following a period of suppressed growth.**

**NOTE: Do not make more than 7 applications at the rates shown in Table 1 or 14 applications at the half rate per year.**

2022-6189  
2023-05-31

**NOTE: Due to risk of injury to turf, avoid overlapping and do not apply to turf that is stressed, such as by low fertility, high temperatures, drought, frost or to turf that is diseased or insect damaged.**

DO NOT APPLY T-NEX 11.3 ME FOR TWO WEEKS FOLLOWING AN AERATION OR VERTICUTTING.

**Table 1. Recommended T-NEX 11.3 ME Application Rates<sup>1</sup>**

Turf Type	Commercial Sod Farms and Golf Courses, including Rough Areas <sup>2,3</sup>	Commercial Sod Farms and Golf Course Fairways(Cut at 1.0-1.9 cm)	Golf Course Greens <sup>4</sup>
<b>mL/100 m<sup>2</sup></b>			
Creeping Bentgrass ( <i>Agrostis</i> and <i>Stolonifera palustris</i> )		8.0	4.0
Tall Fescue ( <i>Festuca arundinacea</i> )	24		
Kentucky Bluegrass ( <i>Poa pratensis</i> )	19	8.0	
Perennial Ryegrass ( <i>Lolium perenne</i> )	32	16 <sup>4</sup>	
Mixture (Creeping Bentgrass / Annual Bluegrass ( <i>Poa annua</i> ))		8.0 <sup>5</sup>	4.0
Mixture - Kentucky Bluegrass /Tall Fescue / Perennial Ryegrass	24		
Mixture Kentucky Bluegrass / Perennial Ryegrass/ Annual Bluegrass		16 <sup>5</sup>	
Mixture of annual bluegrass and Kentucky bluegrass		8.0	

<sup>1</sup> Apply only to turf species/mixtures on sites for which a rate is shown in Table 1. Rates shown in Table 1 should provide 50% suppression of turf growth under good growing conditions for a minimum of 4 weeks with minimal yellowing. Growth suppression may be less with use of rates that are one-half those shown in Table 1.

<sup>2</sup> Canopy height should be at least 3.8 cm for Kentucky bluegrass and perennial ryegrass and at least 5 cm for tall fescue.

<sup>3</sup> Includes edging/banding applications along curbs, parking lots, cart paths, bunkers and around trees, shrubs and flower beds. Apply T-NEX 11.3 ME in a 20 to 30 cm band with a single nozzle sprayer.

2022-6189  
2023-05-31

<sup>4</sup> T-NEX 11.3 ME has not been tested at a rate of 2 mL/100m<sup>2</sup>. Therefore, results may be unsatisfactory with use of the one half rate on greens.

<sup>5</sup> Where yellowing of annual bluegrass (*Poa annua*) is a concern, use half the rate and apply every 2 weeks or later as required. Where temporary discoloration of annual bluegrass can be tolerated, use the rate shown in Table 1 and apply every 4 weeks or later as required.

### **Mowing**

Generally, T-NEX 11.3 ME provides more suppression when turfgrass is maintained at lower mowing heights than higher mowing heights. Application rates have been selected for typical mowing heights. To minimize possible turf injury, apply T-NEX 11.3 ME then wait at least 4 hours before mowing or mow first, wait at least 1 hour, then apply T-NEX 11.3 ME.

### **Equipment**

T-NEX 11.3 ME may be applied with backpack sprayers, hand sprayers, boom sprayers, and with spraygun application devices. Clean spray equipment thoroughly before use. Make sure the sprayer is capable of accurate and uniform application. Calibrate the sprayer before applying T-NEX 11.3 ME. Rinse sprayer with clean water after use and dispose of rinsate in an approved manner.

### **Mixing Instructions**

#### **T-NEX 11.3 ME alone**

Apply T-NEX 11.3 ME in sufficient carrier (for example 2-15 L of water per 100 m<sup>2</sup>) to provide uniform and thorough coverage.

T-NEX 11.3 ME is a micro-emulsion concentrate (MEC) with minimal odour because the product does not contain petroleum solvents. T-NEX 11.3 ME mixes completely with water. Prepare no more mixture than is necessary for the immediate operation. Once T-NEX 11.3 ME is uniformly mixed, no further agitation is required.

#### **Backpack and Hand Sprayers (2-15 L capacity)**

Add all of the required water to the mix tank. Add the appropriate amount of T-NEX 11.3 ME, close sprayer, and vigorously shake it. Begin application.

#### **Boom and Hand Gun Sprayers**

Add all of the required amount of water to the spray tank. Then, while agitating, add T-NEX 11.3 ME.

#### **Application Near and Around Monuments and Hardscape Materials**

T-NEX 11.3 ME, at normal dilution rates, will not stain brass, bronze, concrete, marble, granite, or other types of stone. Before using T-NEX 11.3 ME around other materials, test on a small-scale basis first.