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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.

GUARANTEE: 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.
302 - 179 McDermot Avenue
Winnipeg, MB
R3B 0S1
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 long sleeved shirt and long pants with coveralls and chemical resistant gloves for all mix/load and application activities and during equipment cleanup and repair activities. In addition, wear goggles during mix/load activities.
- 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.
- DO NOT re-enter treated areas until residues have dried. For both sod farms and golf courses, a restricted entry interval of 3 days post application is required for workers who re-enter treated areas for hand or mechanical sod harvesting, sod transplanting, and hand weeding activities.
- 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.
- Do not apply when weather conditions favour drift from treated areas.

DO NOT APPLY BY AIR

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.

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. The user assumes the risk to persons or property that arises from any such use of this product.

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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.

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 this product for the use described below were developed by persons other than Adama Agricultural Solutions Canada Ltd. and accepted for registration by Health Canada under the User Requested Minor Use Registration program. Adama Agricultural Solutions Canada Ltd. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop listed below.

Accordingly, the Buyer and User assume all liability arising, and agree to hold  harmless, from any claims based on efficacy and/or phytotoxicity in connection with the use described below.

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 m². If desirable, recommended rates of iron per 100 m² 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.

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 ¹

Turf Type	Commercial Sod Farms and Golf Courses, including Rough Areas^{2,3}	Commercial Sod Farms and Golf Course Fairways(Cut at 1.0-1.9 cm)	Golf Course Greens⁴
mL/100 m²			
Creeping Bentgrass (Agrostis and Stolonifera palustris)		8.0	4.0
Tall Fescue, (Festuca arundinacea)	24		
Kentucky Bluegrass (Poa pratensis)	19	8.0	
Perennial Ryegrass (Lolium perenne)	32	16 ⁴	
Mixture (Creeping Bentgrass / Annual Bluegrass (Poa annua)		8.0 ⁵	4.0
Mixture - Kentucky Bluegrass /Tall Fescue / Perennial Ryegrass	24		
Mixture Kentucky Bluegrass / Perennial Ryegrass/ Annual Bluegrass		16 ⁵	
Mixture of annual bluegrass and Kentucky bluegrass		8.0	

¹ 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.

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

³ 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.

⁴ T-NEX 11.3 ME has not been tested at a rate of 2 mL/100m². Therefore, results may be unsatisfactory with use of the one half rate on greens.

⁵ 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 m²) 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 11.3 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.

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