

2024-5229
2024-10-16

This label has been updated according to the re-evaluation decision 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 the re-evaluation/special review decision of Trinexapac-ethyl RVD2022-12. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

Maxunitech Trinexapac-ethyl 11.3% ME

PLANT GROWTH REGULATOR FOR TURF GROWTH MANAGEMENT

COMMERCIAL

Maxunitech Trinexapac-ethyl 11.3% ME is a micro-emulsion concentrate for managing growth of turf grass on golf courses and commercial sod farms only.

ACTIVE INGREDIENT:

Trinexapac-ethyl11.3%

READ THE LABEL AND THE ATTACHED BOOKLET BEFORE USING

**KEEP OUT OF REACH OF CHILDREN.
WARNING: EYE IRRITANT**

REGISTRATION NO.: 34065 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1- 37.8 L

Maxunitech North America, Inc.
11601 Shadow Creek Pkwy, Suite 111-573
Pearland, Texas, 77584, USA
Telephone: 86-571-28007837 or 855-462-9621

Label

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.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control center **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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.

TOXICOLOGICAL INFORMATION

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

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. Maxunitech Trinexapac-ethyl 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.
- Do not apply when weather conditions favour drift from treated areas.
- 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.

ENVIRONMENTAL PRECAUTIONS

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

DO NOT APPLY USING AERIAL APPLICATION EQUIPMENT.

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 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.

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.

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by the distributor/dealer with the same product. Do not use this container for any other purpose.

GENERAL INFORMATION

Maxunitech Trinexapac-ethyl 11.3% ME reduces the frequency of mowing and the amount of grass clippings by regulating the growth of turf grass. Full growth regulation by Maxunitech Trinexapac-ethyl 11.3% ME begins about 3-5 days after application.

Maxunitech Trinexapac-ethyl 11.3% ME can be applied to well-maintained turf on golf courses and commercial sod farms. Maxunitech Trinexapac-ethyl 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.

Maxunitech Trinexapac-ethyl 11.3% ME reaches the growing point by foliar uptake. Field data have indicated that Maxunitech Trinexapac-ethyl 11.3% ME may not be rain fast soon after application. Application should be completed at least 3 hours before irrigation or rain. Areas treated with Maxunitech Trinexapac-ethyl 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.

The DIRECTIONS F OR USE for the use described in this section of the label were developed by persons other than Maxunitech North America, Inc. under the User Requested Minor Use Label Expansion program. For these uses, Maxunitech North America, Inc. 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 Maxunitech Trinexapac-ethyl 11.3% ME applications. Fertility level, moisture availability, plant vigour, height, and frequency of mowing, have been shown to influence the activity of Maxunitech Trinexapac-ethyl 11.3% ME.

Maxunitech Trinexapac-ethyl 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.

Maxunitech Trinexapac-ethyl 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 Maxunitech Trinexapac-ethyl 11.3% ME provides approximately 50% growth inhibition.

Maxunitech Trinexapac-ethyl 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 Maxunitech Trinexapac-ethyl 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 MAXUNITECH TRINEXAPAC-ETHYL 11.3% ME FOR TWO WEEKS FOLLOWING AN AERATION OR VERTICUTTING.

Table 1. Recommended Maxunitech Trinexapac-ethyl 11.3% ME Application Rates¹

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 Greens ⁴
	mL/100 m ²		
Creeping Bentgrass (<i>Agrostis and 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 ⁴	
Mixture (Creeping Bentgrass / Annual Bluegrass (<i>Poa annua</i>))		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 Maxunitech Trinexapac-ethyl 11.3% ME in a 20 to 30 cm band with a single nozzle sprayer.

⁴ Maxunitech Trinexapac-ethyl 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.

Mowing

Generally, Maxunitech Trinexapac-ethyl 11.3% ME provides more suppression when turf grass 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 Maxunitech Trinexapac-ethyl 11.3% ME then wait at least 4 hours before mowing or mow first, wait at least 1 hour, then apply Maxunitech Trinexapac-ethyl 11.3% ME.

Equipment

Maxunitech Trinexapac-ethyl 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 Maxunitech Trinexapac-ethyl 11.3% ME. Rinse sprayer with clean water after use and dispose of rinsate in an approved manner.

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

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) 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.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides portion of the Canada.ca web site. This tool cannot be used to reduce the vegetative filter strips.

Mixing Instructions

Maxunitech Trinexapac-ethyl 11.3% ME Only

Apply Maxunitech Trinexapac-ethyl 11.3% ME in sufficient carrier (for example 2-15 L of water per 100 m²) to provide uniform and thorough coverage.

Maxunitech Trinexapac-ethyl 11.3% ME is a micro-emulsion concentrate (MEC) with minimal odour because the product does not contain petroleum solvents. Maxunitech Trinexapac-ethyl 11.3% ME mixes completely with water. Prepare no more mixture than is necessary for the immediate operation. Once Maxunitech Trinexapac-ethyl 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 Maxunitech Trinexapac-ethyl 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 Maxunitech Trinexapac-ethyl 11.3% ME.

Application Near and Around Monuments and Hardscape Materials

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

Tank Mixtures-Pesticides:

Maxunitech Trinexapac-ethyl 11.3% ME can be tank-mixed with **ONLY ONE** of the following partners: HERIT AGE® Fungicide, DACONIL® 2787 Flowable Fungicide, Banner® MAXX Fungicide or Subdue® MAXX Fungicide. Read all the labels and follow the precautionary statement, directions for use (rates, diseases controlled and application intervals) and other restrictions.

1. Always check the compatibility of HERIT AGE Fungicide, DACONIL 2787 Flowable Fungicide, Banner MAXX Fungicide or Subdue MAXX Fungicide tank mix using a jar test with proportionate amounts of Maxunitech Trinexapac-ethyl 11.3% ME, and the water, before mixing in the spray tank.
2. Provide sufficient jet or mechanical agitation during filling and application to keep the tank mix uniformly suspended.
3. Fill tank at least 1/2 full of clean water.
4. If using Banner MAXX or Subdue MAXX or HERITAGE Fungicide as a tank mix partners add them first then add Maxunitech Trinexapac-ethyl 11.3% ME next.
5. If using DACONIL 2787 Flowable Fungicide as a tank mix partner, add Maxunitech Trinexapac-ethyl 11.3% ME first then DACONIL 2787 Flowable Fungicide next.
6. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation. Mix and apply them the same day.

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