

TRIMMIT™

PLANT GROWTH REGULATOR

SUSPENSION CONCENTRATE

COMMERCIAL

For Use on Turfgrass on Golf Courses

ACTIVE INGREDIENT:

Paclobutrazol 247 g/L

Contains 1,2-benzisothiazolin-3-one at 0.0017% as a preservative.

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

NET CONTENTS: **0.5 L – bulk**

REGISTRATION NUMBER: **35063**
PEST CONTROL PRODUCTS ACT

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone: 1-877-964-3682

Label

1.0 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.

2.0 FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **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.

3.0 TOXICOLOGICAL INFORMATION

Perform gastric lavage taking care to prevent aspiration of gastric contents. Then treat symptomatically.

4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Restricted Entry Intervals (REI): DO NOT enter or allow entry into treated areas until sprays have dried.

Avoid breathing and working in spray mist. Avoid all drift or contact with other vegetation.

DO NOT apply to turf in residential areas, including lawns, gardens, parks, playing fields, cemeteries and schools. TRIMMIT™ can be applied to golf course greens, tees, and fairways only.

DO NOT use or store near heat or open flame. **DO NOT** apply beyond the field boundary.

DO NOT apply by air.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear 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.

After spraying, wash hands and shower thoroughly with soap and water. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Wear freshly laundered clothes daily. Do not wear contaminated shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Store and wash all protective clothing separately from household laundry.

While using product, do not eat, drink or use tobacco (including smoking). Thoroughly wash hands and exposed skin with soap and water before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

6.0 ENVIRONMENTAL PRECAUTIONS

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

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

7.0 STORAGE

Store this product away from food or feed. Always store in original container with top closed in a cool, dry place. If frozen, allow to thaw and then mix product thoroughly prior to use. Do not use or store near heat or open flame.

8.0 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, rinsed 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 reuse this container for any other purpose.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

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Pamphlet

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9.0 PRODUCT INFORMATION

TRIMMIT is a plant growth regulator for non-residential turfgrass that slows grass growth for up to two months after application. The frequency of mowing can be reduced by up to 50% during the period of effective retardation. Use of TRIMMIT on fine turf should be accompanied by moderate-to-high fertility to maintain turfgrass appearance and reduce discoloration. Growth and development of some grasses (e.g. *Poa annua*) can be significantly reduced, leading to selective control after prolonged use in mixed turfgrass populations.

10.0 DIRECTIONS FOR USE

10.1 General Information

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control

products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. at 1-87-SYNGENTA (1-877-964-3682) for information before applying any tank mix that is not specifically recommended on this label.

Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank-mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

Always read and follow label directions including WALES mixing order.

10.2 Ground Application

10.2.1 General Information

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.

For the protection of non-target habitats, over-spray or drift to any body of water or other environmentally sensitive habitats must be avoided. The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

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.

Ground spraying may be done with any standard boom sprayer.

DO NOT apply by air.

10.2.2 Mixing Instructions

1. Ensure that the sprayer interior is clean, then fill the spray tank with $\frac{1}{2}$ the required amount of water and engage gentle agitation. Good agitation is indicated by a rippling or rolling action on the surface of the water.
2. Add TRIMMIT and agitate to ensure complete mixing.

3. Finish filling the sprayer with water, maintaining good agitation.
4. After any break in spraying operations, agitate thoroughly before spraying again.
5. Spray the same day as mixing.
6. Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

When using chemical handling equipment to fill the sprayer, the following additional recommendations apply:

- SC, formulations may be inducted or batch mixed.
-

10.2.3 Spraying Instructions

1. Water Volume: Apply in sufficient water to ensure thorough coverage; 400-800 L/ha is recommended.
2. Sprayer Agitation: Use a jet agitator or liquid sparge tub which recirculates 10% or more of the tank per minute. **DO NOT** use an air sparger.
3. Pump: Screens should be used to protect the pump and prevent clogging. Use 16 mesh or *coarser* screens on the suction side of the pump. **DO NOT** place a screen in the recirculation line. Use 50 mesh or *coarser* screens between the pump and boom unless directed otherwise by the sprayer manufacturer.
4. Spray Nozzles: 80° or 110° drift reducing flat fan (e.g. those with a pre-orifice or turbulence chamber) or air induction nozzles are recommended. Use 50 mesh nozzle screens. **DO NOT** use flood type nozzles, controlled droplet application equipment, spray foils or hollow cone nozzles.
5. Pressure: As recommended by the nozzle manufacturer to achieve ASAE medium sized droplets.
6. Apply at uniform speed and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to avoid potential crop injury from over application.

10.2.4 Equipment Clean-Up

Before Spraying:

- Prior to using TRIMMIT, ensure that the spray tank, lines and filter are thoroughly clean.

After Spraying:

- To avoid subsequent injury to other crops, thoroughly clean application equipment immediately after spraying each day.
- Ensure that all traces of the product are removed. **DO NOT** allow residue to dry in spray tank. **DO NOT** allow solution to remain in lines or tank overnight. The following procedures are recommended:
 1. Drain and flush tank, boom and all hoses for several minutes with clean water. Ensure dead end lines are flushed. **Do not** clean the sprayer near desirable vegetation, wells or other water sources.
 2. Use a pressure washer to clean the inside of the spray tank. Take care to wash all parts of the tank, including the inside top surface. If a pressure washer is not available, completely fill the sprayer with the cleaning solution to ensure contact of the cleaning solution with all internal surfaces of the tank and plumbing. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system.

3. Flush hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution.
4. Dispose of all rinsings in accordance with provincial regulations.
5. Repeat steps 2-5.
6. Remove nozzles, screens, and strainers and clean separately in the ammonia solution after completing the above procedures.
7. Rinse the complete spraying system with clean water.

10.3 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:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Turf – Golf Course Fairways, Greens and Tees	2	1	0	0	5

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.

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.

11.0 CROP USE DIRECTIONS

11.1 Turf – Golf Course Fairways, Greens and Tees

TURF – Golf course fairways, greens and tees	
USES	Reduces the frequency of mowing up to 50% by regulating the growth of turfgrass. Suppression of <i>Poa annua</i>
APPLICATION RATE	For single application, apply at 0.45 – 1.12 L/ha. Use lower rate and more frequent applications if turf discoloration cannot be tolerated. For multiple applications, do not apply more than 4.05 L/ha per year.

APPLICATION INTERVAL	To maintain high quality turf, repeat applications are recommended with a 7-21 day interval. Repeat application can be made within the same growing season as long as the turf is actively growing.
NOTES	<p>Assure that dosage rates are measured accurately since rates greater than those recommended may cause undesirable turf growth control and may discolor areas temporarily.</p> <p>Apply in sufficient water to ensure thorough coverage. 400-800 L/ha is recommended.</p> <p>For best results, water in TRIMMIT, but not to the point of runoff, prior to rain or within 24 hours to limit surface movement. To prevent product runoff, time applications to allow for watering-in and maximum absorption into treated turf prior to a rain event.</p> <p>For best residual activity, TRIMMIT should be removed from leaf surfaces by irrigation or rainfall prior to mowing.</p> <p>Withhold application on large turf areas that have been thinned from winter drainage, disease, or insects until desired fill-in is achieved.</p> <p>Delay treatment of newly-sodded or sprigged turf until grass has knitted down and rooted firmly.</p> <p>Do not apply product when soil is already saturated. Heavy rainfall or irrigation in the treated areas may cause active ingredient to move laterally on slopes and collect in low areas. These areas may undergo more severe growth control for a longer period of time.</p> <p>When to Use for Growth Suppression of Cool-Season Grasses: Apply in spring after green-up and after turf has been mowed once or twice. Apply at least 1 month before onset of high air temperatures. In late summer/early fall, apply at least 1 month before anticipated first killing frost. Repeat applications can be made within the same growing season as long as the turf is actively growing. Turfgrass species and growth rate will dictate rate and timing of applications. Do not seed within 6 weeks prior to or 2 weeks after application of TRIMMIT.</p> <p>When to Use for <i>Poa annua</i> Suppression: Apply when the <i>Poa annua</i> is actively growing. In climates with a prolonged winter dormancy, fall applications can be made up to one month prior to anticipated first killing frost. Repeat application should be made as part of a <i>Poa annua</i> suppression program. TRIMMIT will suppress the growth and competitive ability of <i>Poa annua</i>. Lower rates and more frequent applications can be made if <i>Poa annua</i> discoloration cannot be tolerated, however, only moderate <i>Poa annua</i> suppression may be achieved.</p> <p>Do not use on areas containing greater than 70% <i>Poa annua</i>, since discoloration of <i>Poa annua</i> may be unacceptable.</p>

For further information or to report suspected resistance, contact company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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