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GROUP	3	FUNGICIDE
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## Bayer Environmental Science

### CHIPCO<sup>®</sup> TRITON<sup>™</sup> FUNGICIDE

For control of dollar spot, anthracnose and brown patch, pink snow mould, gray snow mould and fusarium patch and summer patch on established golf course turfgrass only.

Suspension

COMMERCIAL

**GUARANTEE: Triticonazole.....19.2%**  
Contains 1,2 benzisothiazolin-3-one at 0.027% as a preservative

REGISTRATION NO. 29109

PEST CONTROL PRODUCTS ACT

**WARNING - EYE AND SKIN IRRITANT  
KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL, DIRECTIONS FOR USE AND OTHER PRECAUTIONARY  
STATEMENTS IN BOOKLET BEFORE USING**

Bayer CropScience Inc.\*  
Suite 200, 160 Quarry Park Blvd. S.E.  
Calgary, Alberta T2C 3G3  
Telephone: 1 888 283- 6847

\*Bayer Environmental Science  
A Division of Bayer CropScience

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY  
RESPONSE NUMBER 1-888-283-6847 (24 HOURS A DAY)  
**DO NOT REMOVE BOOKLET FROM CONTAINER**

**NET CONTENTS : 2 – 10 L**

Chipco is a registered trademark of Bayer  
Triton is a trademark of Bayer



## **PRECAUTIONS**

1. KEEP OUT OF REACH OF CHILDREN.
2. Causes eye irritation. DO NOT get in eyes. May irritate the skin. Avoid contact with skin.
3. Wear long-sleeved shirt, long pants, chemical-resistant gloves, and shoes plus socks during mixing and loading, application, clean-up and repair. During mixing and loading, wear goggles or face shield in addition to the PPE specified above.
4. Wash hands and exposed skin thoroughly after handling the concentrate and after each application, clean-up and repair.
5. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
6. AVOID WORKING IN SPRAY MIST.
7. DO NOT re-enter turf until residues have dried.

## **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 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.

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **STORAGE**

Store the product in the original container. Store the product in an area that is out of reach of children and animals, away from food, feedstuffs, fertilizers and seed.

## **DISPOSAL**

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 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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**DIRECTIONS FOR USE****DO NOT APPLY BY AIR**

**CHIPCO TRITON FUNGICIDE IS FORMULATED FOR USE ON ESTABLISHED GOLF COURSE TURF.** It is recommended for the preventative control of anthracnose, dollar spot, brown patch, gray snow mould, pink snow mould and fusarium patch and summer patch. Uniform spray application is essential for optimum control of labeled diseases. Apply the required amount of **CHIPCO TRITON FUNGICIDE** in 6 to 8.0 litres of water per 100 m<sup>2</sup>. Use 12 to 20 litres water per 100m<sup>2</sup> for summer patch control. To prevent diseases from spreading onto golf greens always treat aprons and fairway approaches.

<b>Disease</b>	<b>Use Rate (mL/100 m<sup>2</sup>)</b>	<b>Application Interval (days)</b>	<b>Max.Num of Apps per one (1) season</b>
<b>Anthracnose Control (Colletotrichum graminicola)</b>	<b>16 - 32</b>	<b>14 - 21</b>	<b>3</b>
Apply CHIPCO TRITON FUNGICIDE at the first sign of anthracnose disease break out and/or when stressful environmental conditions (cool and wet conditions or hot and humid conditions) favour anthracnose disease. Use the higher rate and shorter spray interval when anthracnose disease pressure is high. Under low disease conditions, the spray interval may be increased up to a maximum of 21 days.			
<b>Brown Patch Control (Rhizoctonia solani)</b>	<b>32</b>	<b>14 - 21</b>	<b>3</b>
Apply CHIPCO TRITON FUNGICIDE at the first sign of brown patch when environmental conditions favour disease development at a rate of 32 ml/100m <sup>2</sup> . Shorten spray interval when brown patch disease pressure is high. Under low disease conditions, the spray interval may be increased up to a maximum of 21 days.			
<b>Dollar Spot Control (Sclerotinia homeocarpa)</b>	<b>16</b>	<b>14 - 21</b>	<b>3</b>
Apply CHIPCO TRITON FUNGICIDE at the first sign of dollar spot or when environmental conditions favour dollar spot development at a rate of 16 ml/100m <sup>2</sup> . To maintain control, repeat application every 14-21 days.			
<b>Gray Snow Mould (Typhula incarnata, T. ishikariensis)</b>	<b>32</b>	<b>see details below</b>	<b>3</b>
Apply CHIPCO TRITON FUNGICIDE at a rate of 32 ml/100m <sup>2</sup> once in the late fall or early winter before snow fall when environmental conditions favour gray snow mould disease. Apply CHIPCO TRITON FUNGICIDE at a rate of 32 ml/100m <sup>2</sup> on a 21 day interval in late fall or early winter before snow fall when conditions favour heavy disease pressure or if there is a prior history of the disease. To increase control of gray snow mould, 32 ml/100m <sup>2</sup> of CHIPCO TRITON FUNGICIDE may be tank mixed with Rovral Green GT fungicide at a rate of 375ml/100m <sup>2</sup> and applied once in the late fall or early winter before snow fall.			
<b>Fusarium Patch or Pink Snow Mould (Microdochium nivale)</b>	<b>32</b>	<b>21</b>	<b>3</b>
For control of Fusarium Patch apply CHIPCO TRITON FUNGICIDE at a rate of 32ml/100m <sup>2</sup> on a 21 day spray interval in the fall or early winter when environmental conditions are favourable for suppression of Fusarium Patch. Repeat application every 21 days when disease pressure persists. For control of Fusarium Patch mix 32ml/100m <sup>2</sup> of CHIPCO TRITON FUNGICIDE with 185mL/100m <sup>2</sup> of ROVRAL GREEN GT.			
For control of pink snow mould apply CHIPCO TRITON FUNGICIDE at a rate of 32 ml/100m <sup>2</sup> in a tank mix with Rovral Green GT at a rate of 250 ml/100m <sup>2</sup> and applied once in late fall or early winter before snow fall. If high disease pressure is anticipated in the spring, apply fungicide twice before snow fall with a 21 day interval.			

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW):**

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Bayer CropScience and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Bayer CropScience itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Bayer CropScience harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

<b>Disease (Pathogen)</b>	<b>Use Rate (mL/100 m<sup>2</sup>)</b>	<b>Application Interval (days)</b>	<b>Instructions</b>
<b>Summer Patch</b> <i>(Magnaporthe poae)</i>	32	30	Apply Chipco Triton Fungicide on a preventative basis to turfgrass areas with a previous history of summer patch disease. Apply first application when the soil temperature is at a minimum of 16°C at a 5 cm depth for 4 consecutive days. Apply a second application 30 days later. Apply a third application 30 days later. Apply Chipco Triton Fungicide with 12 – 20 L of water per 100 m <sup>2</sup> . Irrigate immediately after spraying with 0.64 cm of water. A maximum of 3 applications per season only.

**Note:** Use **CHIPCO TRITON FUNGICIDE** in a rotational spray program with other different mode of action fungicides to reduce the possibility of disease resistance.

**BUFFER ZONES**

The buffer zones specified in the table below are required between the downwind point of direct application and the closest edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine/marine habitats. Self-contained bodies of water within the golf course property (e.g., ponds with no inflow or outflow of water) do not require buffer zones.

<b>Method of application</b>	<b>Buffer zone (metres)</b>
Field sprayer	15
Field sprayer with cones	10
Field sprayer with shrouds	5

### **ENVIRONMENTAL HAZARDS**

**TOXIC** to aquatic organisms and off-target plants. Observe buffer zones specified under **DIRECTIONS FOR USE**.

### **MIXING**

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the spray tank one-half full of water.
3. Add **CHIPCO TRITON FUNGICIDE** and agitate well.
4. Add the required amount of the tank mix partner.
5. Add the remainder of the water while continuing to agitate.
6. Ensure mixing is complete and agitate thoroughly before each application and continue to agitate during spraying. A prepared spray mixture should be used as soon as possible in the same day.
7. After use, clean the spray tank according to **PRECAUTIONS**.

### **RESTRICTIONS AND LIMITATIONS**

1. **DO NOT** store **CHIPCO TRITON FUNGICIDE** near foodstuffs.
2. Thoroughly clean application equipment after each use.
3. **DO NOT** contaminate irrigation and drinking water supplies, and aquatic habitat by cleaning of equipment or disposal of wastes.
4. **DO NOT** apply beyond the course boundary.
5. **DO NOT** apply during periods of dead calm or when winds are gusty.
6. **DO NOT** apply more than 3 applications per season.
7. A minimum interval of 14 days is required between applications.

## PRECAUTIONS

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3. Wear long-sleeved shirt, long pants, chemical-resistant gloves, and shoes plus socks during mixing and loading, application, clean-up and repair. During mixing and loading, wear goggles or face shield in addition to the PPE specified above.
4. Wash hands and exposed skin thoroughly after handling the concentrate and after each application, clean-up and repair.
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## TOXICOLOGICAL INFORMATION

Treat symptomatically.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **Chipco Triton Fungicide** contains a group 3 fungicide. Any fungal population may contain individuals naturally resistant to **Chipco Triton Fungicide** and other group 3 fungicides. The resistance biotypes may dominate the fungal population if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to the site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay fungicide resistance:

- Where possible, alternate with fungicides having a different mode of action. Fungicide use should be based on an integrated pest management (IPM) program that includes



scouting and record keeping and considers cultural, biological, and other chemical control practices.

- Monitor efficacy of all fungicides used in the disease management program against the target pathogen and record other factors that may influence fungicide performance and/or disease development.
- If this product appears to be no longer effective against a pathogen which it previously controlled or suppressed, contact the manufacturer and your local extension specialist or certified turf advisor to assist in determining the cause of reduced performance.
- Contact your local extension specialist or certified turf advisors for any additional pesticide resistance-management and IPM recommendations for specific site and pest problems in the area.
- For further information and to report suspected resistance, contact a Bayer CropScience via internet at [www.bayercropscience](http://www.bayercropscience) or phone 1-888-283-6847

## **STORAGE**

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## **DISPOSAL**

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