



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

84229-54

**Date of Issuance:**

5/14/21

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

Tide Triadimefon 500 WDG

**Name and Address of Registrant (include ZIP Code):**

Tide International USA, Inc.  
 c/o Pyxis Regulatory Consulting Inc.  
 4110 136<sup>th</sup> St. Ct. NW  
 Gig Harbor, WA 98332

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Shaja B. Joyner, Product Manager 20  
 Fungicide-Herbicide Branch  
 Registration Division 7505P

**Date:**

5/14/21

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Triadimefon GDCI-127201-1633

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 84229-54.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/07/2020

If you have any questions, please contact Lindsay DeMers via email at [demers.lindsay@epa.gov](mailto:demers.lindsay@epa.gov).

Enclosure

{Note to reviewer: [Text] in brackets denotes optional text.}  
{Note to reviewer: {Text} in braces denotes where in the final label text will appear.}

**{BOOKLET FRONT PANEL LANGUAGE}**

|                    |              |          |                  |
|--------------------|--------------|----------|------------------|
| <b>TRIADIMEFON</b> | <b>GROUP</b> | <b>3</b> | <b>FUNGICIDE</b> |
|--------------------|--------------|----------|------------------|

**Tide Triadimefon 500 WDG**

**Nursery and Greenhouse Systemic Fungicide**

For control of listed diseases on flowers, foliage plants, shrubs, turf and shade trees in commercial nurseries, garden centers, greenhouses, and sod farms.

| <b>ACTIVE INGREDIENT:</b>   | <b>By Weight</b> |
|---|------------------|
| Triadimefon   |                  |
| 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1 <i>H</i> -1,2,4-triazol-1-yl)-2-butanone: ..... | 50.0%            |
| <b>OTHER INGREDIENTS:</b> .....   | 50.0%            |
| <b>TOTAL:</b> .....   | 100.0%           |

1 lb. of this product contains 0.5 lb. of triadimefon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See] [inside] [label] [booklet] [for] [First Aid][,] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

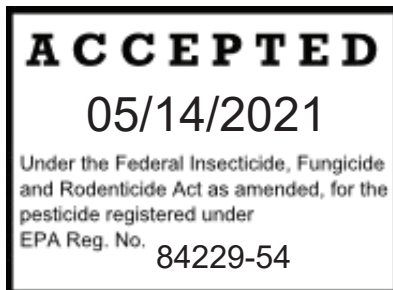
**EPA Reg. No.:** 84229-[XX]

**EPA Est. No.:**

**Manufactured For:**

Tide International, USA, Inc.  
21 Hubble  
Irvine, CA 92618

**Net Weight:**



## {LANGUAGE INSIDE BOOKLET}

| <b>FIRST AID</b>  |  |
|---|--|
| <b>If swallowed:</b>  | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul> |
| <b>If on skin or clothing:</b>  | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| <b>If inhaled:</b>  | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| <b>If in eyes:</b>  | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>HOT LINE NUMBER</b>  |  |
| <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product, including health concerns, medical emergencies, or pesticide incidents, you may call <b>CHEMTREC®</b> at <b>1-800-424-9300</b>, 24 hours per day, 7 days per week.</p> |  |
| <b>NOTE TO PHYSICIAN</b>  |  |
| <p><b>Symptoms of Poisoning:</b> The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by hyperactivity followed by sedation.</p> <p>No specific antidote. Treat symptomatically.</p>  |  |

### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**Mixers, loaders, applicators, flaggers, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Waterproof gloves
- Chemical-resistant apron, when mixing/loading, or cleaning spills or equipment.

See engineering controls for additional requirements.

#### **USER SAFETY REQUIREMENTS**

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

## ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40 CFR 170.240(d)(6)]. Pilots must wear the PPE required on this labeling for applicators.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

### ENVIRONMENTAL HAZARDS

**DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

**DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to organisms in neighboring areas.

This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

**Groundwater Advisory:** This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. **DO NOT** make applications when weather conditions favor drift from target area.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- Coveralls,
- Shoes plus socks,
- Chemical-resistant gloves made of any waterproof material.

## NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. **DO NOT** enter or allow others to enter until sprays have dried.

### RESTRICTIONS - TURFGRASS

- **DO NOT** apply more than 2 oz. product/1,000 sq. ft./5.4 lbs. product/A (1 oz ai/1,000 sq. ft./2.7 lbs. ai/A) per application.
- **DO NOT** apply more than 4 oz. product/1,000 sq. ft./10.8 lbs. product /A (2 oz. ai/1,000 sq. ft./5.4 lbs. ai/A) per year.
- Minimum retreatment interval is 14 days.
- **DO NOT** make more than 2 applications at the highest rate and 16 applications when applying at reduced rates per year.
- **DO NOT** enter or allow others to enter until sprays have dried. **DO NOT** enter or allow others to enter the treated area (except those involved in watering-in) until watering-in is complete and the surface is dry.
- **KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.**
- Use on turfgrass is limited to sodfarm turf and golf course turf only. Use on turfgrass is prohibited on all other residential and commercial sites.
- Harvesting or transplanting turfgrass grown on sodfarms is prohibited for 17 days following application.
- Aerial application and chemigation to turf are permitted on sodfarm turfgrass only.
- Application to golf courses, including tees, greens, fairways, and roughs, is permitted only if the turfgrass is 2.5 inches or less in height.
- **DO NOT** use clippings for animal feed.
- **DO NOT** use on crops grown for food or forage.

### RESTRICTIONS - ORNAMENTALS

- The maximum application rate for ornamentals is 0.005 lb product/gal (0.0025 lb ai/gal).
- The maximum application rate for ornamentals (including azaleas) at residential sites is 0.005 lb product/gal (0.0025 lb ai/gal).
- The maximum application rate for pre-harvest foliar treatment on both Christmas trees and pine seedlings is 4 lbs. product (2 lbs ai) per acre.
- **DO NOT** make more than 8 application to Christmas trees or 16 applications to pine seedlings per year.
- **DO NOT** apply more than 32 lbs product (16 lbs ai) per acre to Christmas trees or 64 lbs (32 lbs ai) per acre to pine seedlings per year.
- Chemigation is permitted for use on ornamentals and pine trees, including Christmas trees.
- Applications with hose-end sprayers are permitted only for outdoor use on ornamentals. Use of hose-end sprayer equipment in residential greenhouses is prohibited.
- Application to trees that bear fruit or nuts is prohibited. Applications are permitted on non-bearing fruit or nut trees only.
- **DO NOT** use edible portions of treated plants for food or feed purposes.
- Edible portions of treated trees, including nuts and syrup, must not be used for feed or food.
- Use on azaleas is limited to applications to control pine-twisting rust disease.

**⚠ ATTENTION:** This product can expose you to chemicals including triadimefon, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## RESISTANCE-MANAGEMENT

For resistance management, Tide Triadimefon 500 WDG contains a Group 3 fungicide. Any fungal/bacterial population may contain individuals naturally resistant to Tide Triadimefon 500 WDG and other Group 3 fungicides/bactericides. A gradual or total loss of pest control may occur over time if these fungicides/bactericides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide/bactericide resistance, take the following steps:

- Rotate the use of Tide Triadimefon 500 WDG or other Group 3 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Tide International, USA, Inc. You can also contact your pesticide distributor or university extension specialist to report resistance.

### MANDATORY SPRAY DRIFT MANAGEMENT

#### **Aerial Applications:**

- Do not release spray at a height greater than 10 ft. above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

#### **Ground Applications:**

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1)
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

#### **Boomless Ground Applications:**

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

## **SPRAY DRIFT ADVISORIES**

- THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
- BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

- **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size – Ground Boom**

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Volume – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **Controlling Droplet Size – Aircraft**

- Adjust Nozzles – Follow nozzle manufactures' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

- **BOOM HEIGHT – Ground Boom**

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

- **RELEASE HEIGHT – Aircraft**

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

- **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform disposition of the spray on the target area.

- **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

- **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

- **WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

- **Boom-less Ground Applications:**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.



- **Handheld Technology Applications:**  
Take precautions to minimize spray drift.

**APPLICATION:** Tide Triadimefon 500 WDG is absorbed rapidly and works systemically from within the plant. Good coverage and wetting of the foliage are necessary. Rainfall or sprinkler irrigation, within 30 minutes after application does not decrease effectiveness. Control may be less effective on plants suffering from drought stress. Therefore, in order to achieve maximum control, maintain plants in a vigorously growing state through good cultural practices. In all cases, apply when plants are fully established and actively growing. Applications must be made at directed intervals to maintain disease control.

**Mixing:** Add the specified amount Tide Triadimefon 500 WDG into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, Tide Triadimefon 500 WDG must be thoroughly dispersed prior to the addition of other materials.

Tide Triadimefon 500 WDG can be tank-mixed with an appropriately labeled flutolanil product for use on turf in accordance with the more (most) restrictive of label limitations and precautions. Label dosage rates must not be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

#### **USE IN CHEMIGATION SYSTEMS ON TURF ONLY**

- Apply Tide Triadimefon 500 WDG only through solid set irrigation systems. **DO NOT** apply this product through any other type of irrigation system.
- The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back towards the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.
- Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- **DO NOT** apply when wind speed favors drift beyond the areas intended for treatment.
- Crop injury or lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.
- **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, must shut the system down and make necessary adjustments should the need arise.
- Pre-mix the required amount of Tide Triadimefon 500 WDG, as determined under "Directed Applications", in sufficient water to uniformly inject the entire mixture during the last 5 minutes of

the irrigation cycle using a positive pressure pumping system. Continuous agitation of the mixture in the holding tank is required to maintain suspension of the product. The injection must occur during the last 5 minutes of the irrigation cycle.

| <b>DIRECTED APPLICATIONS – TURFGRASS DISEASE CONTROL</b>  |  |                 |  |
|---|--|-----------------|--|
| <b>DISEASE</b>  | <b>OZ of Tide Triadimefon<br/>500 WDG per 1,000 SQ FT*</b> |                 | <b>APPLICATION INSTRUCTIONS</b>  |
|   | <b>Preventive</b>  | <b>Curative</b> |  |
| Dollar Spot<br>( <i>Sclerotinia homoeocarpa</i> )   | 0.5  | -               | <b>PREVENTIVE RATE:</b> Apply directed rate at 30 day intervals. Protective activity of Tide Triadimefon 500 WDG may extend for as long as 60 days, depending upon environmental conditions.   |
|   | 0.25   | -               | <b>PREVENTIVE RATE (EXCEPT CALIFORNIA):</b> Apply directed rate on 14 day intervals. Protective activity of Tide Triadimefon 500 WDG may extend for as long as 30 days depending upon environmental conditions.  |
|   | -  | 1               | <b>CURATIVE RATE:</b> To control existing infections, apply the curative rate. Apply subsequent applications on a preventive schedule and rate.  |
| Brown Patch/ Rhizoctonia Blight<br>( <i>Rhizoctonia solani</i> )<br>(Suppression)<br>Copper Spot<br>( <i>Gloeocercospora sorghi</i> )<br>Corticium Red Thread<br>( <i>Laetisaria fuciformis</i> )<br>Powdery Mildew<br>( <i>Erysiphe graminis</i> )<br>Rusts<br>( <i>Puccinia</i> spp.) | 0.5  | 1               | <b>PREVENTIVE RATE:</b> Apply at 15 to 30 day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of Tide Triadimefon 500 WDG can be greater than 30 days depending on environmental conditions.<br><br><b>CURATIVE RATE:</b> To control existing infections, apply the curative rate. Apply subsequent applications on a preventive schedule and rate.                         |
| Anthracnose<br>( <i>Colletotrichum graminicola</i> )  | 1  | -               | <b>PREVENTIVE RATE:</b> Apply at 30 day intervals. Depending upon environmental conditions, residual control may be extended to 45 days.   |
|   | 0.5  | -               | <b>PREVENTIVE RATE (Except California):</b> Apply at 21 day intervals. Depending upon environmental conditions, residual control may be extended to 30 days.   |
|   | -  | 1               | <b>CURATIVE RATE:</b> To control existing infections, apply the curative rate. Apply subsequent applications on a preventive schedule and rate.  |
| Southern Blight<br>( <i>Sclerotium rolfsii</i> )  | 0.5 to 2   | 2               | <b>PREVENTIVE:</b> Begin applications prior to the appearance of disease symptoms. Depending on anticipated disease severity, apply 1 to 2 oz rates at 14 day intervals for the initial 2 to 3 treatments. Apply subsequent treatments of 0.5 to 1 oz at 14 to 28 day intervals.<br><br><b>CURATIVE:</b> To control existing infections, apply 2 oz at 14 day intervals for the initial 2 to 3 treatments followed by 0.5 to 1 oz at 14 to 28 day intervals. |

| DIRECTED APPLICATIONS – TURFGRASS DISEASE CONTROL   |  |          |  |
|---|--|----------|--|
| DISEASE   | OZ of Tide Triadimefon<br>500 WDG per 1,000 SQ FT* |          | APPLICATION INSTRUCTIONS   |
|   | Preventive   | Curative |  |
| Bermudagrass decline<br>( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )<br>Take all patch<br>( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )<br>(Except California)   | 1 to 2   | 2        | Immediately after the fungicide is applied, thoroughly irrigate the area to move the active ingredient down into the crown and root zone of the turf. The amount of water is dependent on the depth of the root zone. The objective is to water the fungicide into the crown and root zone.<br><br><b>PREVENTIVE:</b> Begin applications prior to the appearance of disease symptoms. Initiate cultural control practices at the same time the fungicide is applied. Refer to your local County Extension Service for this information. Apply subsequent applications at 21 to 28 day intervals. For take all patch, applications in both spring and fall may be necessary.<br><br><b>CURATIVE:</b> To control existing infections, apply 2 oz for the initial treatment followed by 1 to 2 oz at 21 to 28 day intervals. Implement cultural control practices including aerification, topdressing, reseeding, and fertilization prior to or at the same time the fungicide is applied. Refer to your local County Extension Service for this information. |
| *Note: Apply the specified amount of Tide Triadimefon 500 WDG using 2 to 4 gal of spray per 1,000 sq ft. For equivalent rates per acre, see Conversion Table. Make all applications after mowing and allow foliage to dry thoroughly before irrigation. |  |          |  |

| DIRECTED APPLICATIONS – TURFGRASS DISEASE CONTROL  |  |  |   |
|--|--|--|---|
| DISEASE  | OZ of Tide Triadimefon<br>500 WDG per 1,000 SQ FT* |  | APPLICATION INSTRUCTIONS  |
|  | Preventive Rates Only                              |  |   |
| Stripe Smut<br>( <i>Ustilago striiformis</i> )   | 1  |  | Make a single application in the spring as growth begins.   |
| Fusarium Blight<br>( <i>Fusarium culmorum</i> )<br>( <i>Fusarium poae</i> )<br>Summer Patch<br>( <i>Phialophora graminicola</i> )<br>( <i>Magnaporthe poae</i> ) | 1 to 2   |  | Apply first application in the Spring, 30 to 60 days before initial symptoms normally appear. Repeat applications at 30 day intervals as needed.  |
| Zoysia patch,<br>Large patch of zoysia<br>( <i>Rhizoctonia solani</i> )  | 1 to 2   |  | Make first application in early fall (mid-September to mid-October) prior to development of disease symptoms. A second application in early spring may be necessary in areas where disease pressure is known to be heavy.             |
| Gray Snow<br>Mold/Typhula Blight<br>( <i>Typhula incarnata</i> )<br>(Except California)  | 1 to 2   |  | Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months, make a second application. <b>DO NOT</b> apply over snow cover, or when turf is dormant.   |
| Pink Snow<br>Mold/Fusarium Patch<br>( <i>Microdochium nivalis</i> )<br>(Except California)   | 1 to 2   |  | Apply before conditions favorable for infection occur. Re-apply as needed at a 60 to 90 day interval. <b>DO NOT</b> apply over snow cover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage. |

| <b>DIRECTED APPLICATIONS – TURFGRASS DISEASE CONTROL</b>  |  |                                 |
|---|--|---------------------------------|
| <b>DISEASE</b>  | <b>OZ of Tide Triadimefon<br/>500 WDG per 1,000 SQ FT*</b> | <b>APPLICATION INSTRUCTIONS</b> |
|   | <b>Preventive Rates Only</b>                               |                                 |
| *Note: Apply the specified amount of Tide Triadimefon 500 WDG using 2 to 4 gal of spray per 1,000 sq ft. For equivalent rates per acre, see Conversion Table. Make all applications after mowing and allow foliage to dry thoroughly before irrigation. |  |                                 |

| <b>Conversion Table for Tide Triadimefon 5000 WDG</b> |                             |                             |                    |
|---|-----------------------------|-----------------------------|--------------------|
| <b>Oz Product per 1,000 sq. ft.</b>                   | <b>Lb. ai/1,000 sq. ft.</b> | <b>Lb. Product per Acre</b> | <b>Lb. ai/acre</b> |
| 0.25  | 0.0078                      | 0.68                        | 0.34               |
| 0.5   | 0.0156                      | 1.36                        | 0.68               |
| 1.0   | 0.03125                     | 2.72                        | 1.36               |
| 2.0   | 0.0625                      | 5.4                         | 2.7                |

## ORNAMENTAL PLANT DISEASE CONTROL

Locate plant(s) (see below) to be treated. Cross reference the number/letter codes, following the plant name, to the specific diseases (see below) controlled. Refer to Application Rates section for instructions detailing use for each disease. In California, only those plants marked with an asterisk may be treated.

| PLANTS  |   |  | DISEASES   |
|---|---|--|--|
| <b>Flowering &amp; Foliage Plants (Outdoor)</b><br>Ageratum (2b,3,4)<br>Aster (4)<br>Begonia* (3)<br>Canna (4)<br>Carnation (3,4)<br>Chrysanthemum (3,4)<br>Dahlia (3)<br>Delphinium (3)<br>Dendrobium (1c)<br>HI only<br>Dianthus (4)<br>Four O'Clock (4)<br>Geranium* (3,4)<br>Hollyhock* (3,4)<br>Hydrangea (3)<br>Iris* (2c)<br>Marigold (2b,4)<br>Nephthytis* (2a)<br>Pansy (3,4)<br>Petunia (3,4)<br>Phlox (2b,3,4)<br>Poinsettia (3)<br>Rose* (3)<br>Salvia (3,4)<br>Sedum (3)<br>Snapdragon* (3,4)<br>Sunflower (3,4)<br>(ornamental only)<br>Sweet peas* (3)<br>Zinnia* (2b,3) | <b>Ornamental Shrubs &amp; Trees</b><br>Amelanchier (3)<br>Azalea* (1a, 2f, 3)<br>Barberry (3,4)<br>Buckthorn (4)<br>Camellia (suppression of 1b)<br>Cedar* (2d)<br>Crabapple, flowering (3,4)<br>Crape myrtle* (3)<br>Dogwood (3)<br>Euonymus* (3)<br>Gardenia (3)<br>Hawthorn (3,4)<br>Hemlock (4e)<br>Holly (3)<br>Juniper (4)<br>Leucothoe (2b)<br>Lilac (3)<br>Mock-Orange (3,4)<br>Mountain Laurel (1a, 2b, 3)<br>Ninebark (3)<br>Paulownia (Empress Tree) (3)<br>Pear, flowering (3)<br>Photinia (2e,3,4)<br>Potentilla (Cinquefoil) (4)<br>Privet (2b,3)<br>Pyracantha (3)<br>Rhododendron (1a,2b,3)<br>Spirea (3)<br>Viburnum* (3,4)<br>Vitex (Chaste Tree) (2b) | <b>Shade Trees</b><br>Ash (3)<br>Aspen (3,4)<br>Birch (3,4)<br>Buckeye (3)<br>Chestnut (3)<br>Cottonwood (3,4)<br>Elm (3)<br>Fir (4)<br>Locust (3)<br>Maple (3)<br>Oak* (3)<br>Pine* (4,5)<br>Poplar (3,4)<br>Russian Olive (2b,4)<br>Sycamore* (3)<br>Walnut (3)<br>Willow* (3,4) | (1) Flower blight<br>a. <i>Ovulinia</i> spp. [A]<br>b. <i>Sclerotinia</i> spp. [A]<br>c. <i>Collectotrichum</i> [A]<br>(2) Leaf Blight/Spots<br>a. <i>Cephalosporium</i> spp. [C]<br>b. <i>Cerocospora</i> spp.<br>c. <i>Didymellina</i> spp. [B]<br>d. <i>Didymascella thujina</i> [G]<br>e. <i>Entomosporium</i> spp. [C]<br>f. <i>Exobasidium</i> spp. [E]<br>(3) Powdery Mildew<br>a. <i>Erysiphe</i> spp.<br>b. <i>Microsphaera</i> spp.<br>c. <i>Oidium</i> spp.<br>d. <i>Podosphaera</i> spp.<br>e. <i>Phyllactinia</i> spp.<br>f. <i>Sphaerotheca</i> spp.<br>g. <i>Uncinula</i> spp.<br>(4) Rusts<br>a. <i>Coleosporium</i> spp.<br>b. <i>Cronartium</i> spp. [B]<br>(Fusiform)<br>c. <i>Gymnosporangium</i> spp.<br>d. <i>Melampsora</i> spp. [F]<br>e. <i>Melampsora farlowii</i> [A]<br>f. <i>Melampsoridium</i> spp.<br>g. <i>Peridermium</i> spp. [B]<br>h. <i>Phragmidium andersonii</i><br>i. <i>Puccinia</i> spp.<br>j. <i>Uromyces</i> spp.<br>k. <i>Uredinopsis mirabilis</i> [A]<br>(5) Tip Blight<br>a. <i>Sirococcus strobilinus</i> [B] |
| Application with hose-end sprayers are permitted only for outdoor use on ornamentals. Use of hose-end sprayer equipment in residential greenhouses is prohibited.   |   |  |  |
| The maximum application rate for ornamentals (including Azaleas) at residential sites is 0.0025 lb ai/gal.  |   |  |  |

**APPLICATION RATES:** Except as noted for specific diseases, mix 1 to 2 oz of Tide Triadimefon 500 WDG in 100 gal of water and apply as a full coverage foliage spray to the point of drip as needed.

[A] Mix 4 to 8 oz of Tide Triadimefon 500 WDG in 100 gal of water and apply as a full-coverage foliar spray to the point of drip. Begin applications at the expanded bud stage (color showing). Use multiple applications at 7 to 14 day intervals as needed dependent upon bloom periods.

[B] Mix 8 oz of Tide Triadimefon 500 WDG plus sufficient spreader sticker for good coverage in 100 gal of water. Apply in a spray application to the point of run-off on an as needed basis during the early part of the season. Excessive rates or excessive applications may result in a shortening of the flower stalk on iris.

[C] Mix 4 to 8 oz of Tide Triadimefon 500 WDG in 100 gal of water and apply as a full coverage foliar spray to point of run-off. Apply in early spring as growth starts and re-apply on a 14 to 21 day interval until new growth is fully expanded. Protect new growth that develops in late summer or fall as temperatures begin to drop.

**[D] Greenhouse Applications**

*Winter Use* – 1 oz of Tide Triadimefon 500 WDG

*Summer Use* – 2 oz of Tide Triadimefon 500 WDG

Mix specified amount of Tide Triadimefon 500 WDG in 100 gal of water and apply in a spray application to the point of drip. Intervals between applications must be no shorter than 30 days to avoid flower stalk length reduction. Excessive rates or applications may result in a shortening of the flower stalk.

[E] For control of *Exobasidium* flower and leaf gall, apply 2 oz of Tide Triadimefon 500 WDG in 100 gal of water. Begin application at bud break and apply at 10 day intervals through infestation period.

[F] For control of *Melampsora pinitorqua* (Pine Twisting Rust), apply a single application in spring during periods favorable for infection. Mix 8 oz in 100 gal of water and apply to shoots in the upper whorl of susceptible pine species. Make a single application per year as a full coverage application sprayed to runoff.

[G] For control of *Didymascella thujina* (Cedar Leaf Blight) apply 0.5 pound per acre in sufficient water to provide full coverage in nurseries, or 0.25 lb per 100 gal of water applied as a full coverage spray to ornamentals. Begin applications before disease appears in spring, and repeat at 60 day intervals through early fall.

**COMPATIBILITY:** Tide Triadimefon 500 WDG is compatible with many registered insecticides and fungicides. To determine the compatibility of I Tide Triadimefon 500 WDG specific products, conduct the following procedure. Pour the directed proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least 5 minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible.

**SPRAY ADDITIVES:** Evaluate various spray additives including spreaders, extenders, trace elements or fertilizers prior to use. The label directions given here are based on data obtained with no additives; use of any product with Tide Triadimefon 500 WDG may affect the result. Contact local university extension personnel prior to use of spray mix additives.

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Material that cannot be used as directed should be disposed of according to state and local solid waste agency disposal regulations. Contact your local solid waste disposal agency for directions. In spill or leak incidents, keep unauthorized people away.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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[EPA APPROVAL DATE]