Bayer Environmental Science

A Division of Bayer CropScience LP
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Research Triangle Park, North Carolina 27709
1-800-334-7577

Bayleton® 50 Turf and Ornamental Fungicide In Water Soluble Packets

EPA Reg. No. 432-1360

Residential and Commercial Site Uses

Supplemental Label

Bayleton® 50 Turf and Ornamental Fungicide In Water Soluble Packets

This product is intended for professional use only. For control of listed diseases on flowers, foliage plants, shrubs, shade trees and turf grass including residential turf, sodfarm turf, golf courses, commercial lawns and grounds, gardens or parks and interior plantscapes.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read this label and the product package label before using this product. This Supplemental Label and the Federally registered label must be in possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for Bayleton® 50 Turf and Ornamental Fungicide in Water Soluble Packets.

DIRECTIONS FOR USE
GENERAL INFORMATION

APPLICATION:

Maximum annual application rate is 5.4 pounds active ingredient per acre; Minimum retreatment interval is 14 days. For residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, and recreational parks, and elementary, middle and high schools, the maximum single application rate is 2.0 lb ai/A.

For Residential and commercial turf sites apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun, boom sprayer, and or ride-on sprayer.

For Residential and commercial Landscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

For Noncommercial Greenhouse and Interior Plantscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

Department of Agriculture
STATE OF HAWAII

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PERIOD 2015-2017 LIC. NO.

9346.363

PRESCRIBED APPLICATIONS — TURFGRASS DISEASE CONTROL			
DISEASE	**OZ OF BAYLETON® 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER SOLUBLE PACKETS PER 1,000 SQ FT***		**REMARKS**
Fusarium Blight (*Fusarium culmorum*) (*Fusarium poae*) Summer Patch (*Magnaporthe poae*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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, Large patch of zoysia *(Rhizoctonia solani)* (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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.
Southern Blight (*Sclerotium rolfsii*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	0.5 to 2	2	**PREVENTIVE RATE:** 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 1.2 oz at 14- to 28-day intervals. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year. **CURATIVE RATE:** 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. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year.
Bermudagrass decline (*Gaeumannomyces graminis* var. *graminis)* Take all patch (*Gaeumannomyces graminis* var. *avenae*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	**Preventive** 1 to 2	**Curative** 2	Immediately after the fungicide is applied, the area should be thoroughly irrigated 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. **PREVENTIVE RATE:** 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. **CURATIVE RATE:** To control existing infections, apply 2 oz for the initial treatment followed by 1 to 2 oz at 21- to 28-day intervals. Cultural control practices such as aerification, topdressing, reseeding, and fertilization should be implemented prior to or at the same time the fungicide is applied. Refer to your local County Extension Service for this information.
Gray Snow Mold/Typhula Blight (*Typhula irabilis*) (Except California) (Do not use on Residential lawns.)	**Preventive Rates Only** 2		Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months, a second application should be made. Do not apply over snow cover, or when turf is dormant.
Pink Snow Mold/Fusarium Patch (*Microdochium nivalis*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	1 to 2		Apply before conditions favorable for infection occur. Re-application should be made as needed at a 60- to 90-day interval. Do not apply over snowcover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.

*Note: Apply the specified amount of BAYLETON® 50 Turf and Ornamental Fungicide in Water Soluble Packets 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. **Do not use clippings for animal feed.**

**Residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, recreational parks and elementary, middle, and high schools.

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. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets 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 as directed below. 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 Disposal:

[Foil Pouch: Non-refillable container. Do not reuse or refill this container]. Dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Plastic Drum: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times]. Then dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

Bayleton® is a registered trademark of Bayer

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

9346.363

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BAYLETON® 50

Turf and Ornamental Fungicide in Water Soluble Packets

Systemic Fungicide

This product is intended for professional use only. For control of listed diseases on flowers, foliage plants, shrubs, shade trees and turf grass including residential turf, sodfarm turf, golf courses, commercial lawns and grounds, gardens or parks and interior plantscapes.

ACTIVE INGREDIENT:

Triadimefon 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1*H*-1,2,4-triazol-1-yl)-2-butanone 50%

INERT INGREDIENTS 50%

100%

Keep water soluble packets in this container and store in a cool place but not below freezing (32°F). Sell in original packages only.

EPA Reg. No. 432-1360

EPA Est. No. indicated by the 3rd and 4th digits of the batch number on this package.
(98) = 33967-NJ-1 (85) = 065387-AR-002

STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN
CAUTION

PARA EL USUARIO: Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta. (TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-331-2867

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FIRST AID	
If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
If in eyes:	• Hold eyes 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. • Call a poison control center or doctor for treatment advice.
If on skin:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center 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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.
Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by hyperactivity followed by sedation. **Note To Physician:** No specific antidote. Treat symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

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

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical-resistant gloves made of waterproof material such as neoprene, butyl rubber, barrier laminate or nitrile rubber when mixing/loading, when using handheld equipment or handheld nozzles
- Chemical-resistant apron, when mixing/loading, or cleaning spills or equipment.

"See engineering controls for additional requirements."

USER SAFETY REQUIREMENTS

Follow 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 STATEMENTS

Water-soluble packaging when used correctly qualifies as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water soluble packets must:

- wear the personal protective equipment on this labeling for mixers/loaders, however, they do NOT need to wear a respirator, and
- be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical-resistant footwear and a NIOSH-approved dust/mist filtering respirator with NIOSHIMSHA approval number prefix TC-2 1C or a NIOSH-approved respirator with any N, R, P or HE filter.

Pilots must use and 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 thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean 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 washwaters 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.

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. Keep people and pets out of the area during application. Only protected handlers may be in the area during application.

Do not allow people or pets to enter the treated area until sprays have dried.

Application to trees that bear fruit or nuts is prohibited. Applications are permitted on non-bearing fruit or nut trees only.

For any requirements specific to your State or Tribe, consult the 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) and restricted-entry interval. The requirements in this box only 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.

Harvesting or transplanting turfgrass grown on sodfarms is prohibited for 17 days following application.

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

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 (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

APPLICATION: BAYLETON® 50 Turf and Ornamental Fungicide 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, plants should be maintained 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 prescribed intervals to maintain disease control.

This product cannot be mixed with any product containing a label prohibition against such mixing.

Do not use on crops grown for food or forage.

For Residential and commercial turf sites apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank

and hand-held spray gun, boom sprayer, and or ride-on sprayer.

For Residential and commercial ornamental Landscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

For Noncommercial Greenhouse and Interior Ornamental Plantscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

MIXING: The enclosed packets containing Bayleton 50 Turf and Ornamental Fungicide are water soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Applications", into the spray tank while filling the water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they were added to the water.

CAUTION: Do not use Bayleton 50 Turf and Ornamental Fungicide packets in a tank-mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such a diesel oils, kerosene, gasoline or alcohol. Use of chlorinated water is acceptable. Do not attempt to use the PVA packets directly in liquid fertilizer, diesel oils or summer spray type oils as in ULV or LV uses. PVA Packets are water soluble not fertilizer or oil soluble. If liquid fertilizer or oils are to be added to the mix water, add Bayleton 50 Turf and Ornamental Fungicide packets first and wait until they are dissolved before adding liquid fertilizer or oil.

USE IN CHEMIGATION SYSTEMS ON SODFARM AND ORNAMENTALS ONLY

Apply Bayleton 50 Turf and Ornamental Fungicide 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.

Turf injury or lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, you should 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, shall shut the system down and make necessary adjustments should the need arise.

Pre-mix the required amount of Bayleton 50 Turf and Ornamental Fungicide, as determined under "Prescribed 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.

Spray Drift Requirements (Groundboom and Aerial Application)

1. For groundboom and aerial applications, use only medium or coarser spray nozzles according to ASABE (S572) definition for standard nozzles. Aerial applicators must consider flight speed and nozzle orientation in determining droplet size.
2. Make aerial or ground applications when the wind velocity is 3 to 10 mph. Do not apply when the wind speed is greater than 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.
3. Do not make aerial or ground applications into temperature inversions.
4. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.
5. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in tree applications, spray must be directed into the canopy.
6. For aerial application use 2-4 gal/A spray volume.
7. For aerial applications, do not release spray at a height greater than 10 feet above the ground or plant canopy.
8. For aerial applications, the outermost nozzles must not exceed 60% of the wingspan or 80% of the rotor blade diameter.
9. When aerial applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Turfgrass Application Directions

BAYLETON 50 Turf and Ornamental Fungicide can be tank-mixed with ProStar® 70 WDG for use on turf in accordance with the more (most) restrictive of label limitations and precautions. Do not exceed the label's dosage rates.

Maximum single application rate is 2.7 pounds active ingredient per acre; Maximum annual application rate is 5.4 pounds active ingredient per acre; Minimum retreatment interval is 14 days. For residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, recreational parks and elementary, middle and high schools, the maximum single application rate is 2.0 lb ai/A.

Application to golf courses, including tees, greens, fairways, and roughs, is permitted only if the turfgrass is 2.5 inches or less in height.

Aerial application is permitted to sodfarm turfgrass only.

PRESCRIBED APPLICATIONS — TURFGRASS DISEASE CONTROL

DISEASE	OZ OF BAYLETON 50 TURF AND ORNAMENTAL PER 1,000 SQUARE FEET*		REMARKS
Dollar Spot (*Sclerotinia homoeocarpa*)	**Preventive** 0.5	**Curative** -	**PREVENTIVE RATE:** Apply prescribed rate at 30-day intervals. Protective activity of Bayleton 50 Turf and Ornamental Fungicide may extend for as long as 60 days, depending upon environmental conditions.
	0.25	-	**PREVENTIVE RATE (Except California):** Apply prescribed rate on 14-day intervals. Protective activity of Bayleton 50 Turf and Ornamental Fungicide may extend for as long as 30 days dependent upon environmental conditions.
	-	1	**CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Fairy Ring	1.0 - 2.0	-	**PREVENTIVE RATE:** Apply prescribed rate in 2-4 gallons of water in the spring prior to appearance of fairy ring symptoms. Before the spray dries, irrigate to wash the fungicide into the thatch/soil where the fungus is active. Repeat application 14 days later. If the 2 ounce rate is used on *Poa annua* putting greens, extend the interval to 21 days.
Brown Patch/Rhizoctonia Blight (*Rhizoctonia solani*) (Suppression) Copper Spot (*Gloeocercospora sorghi*) Corticium Red Thread (*Laetisaria fuciformis*) Powdery Mildew (*Erysiphe graminis*) Rusts (*Puccinia* spp.)	0.5	1	**PREVENTIVE RATE:** Apply at 15- to 30-day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of Bayleton 50 Turf and Ornamental Fungicide can be greater than 30 days depending on environmental conditions. **CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Brown Patch/Rhizoctonia Blight (*Rhizoctonia solani*) (Recommendation for tank-mix with Prostar 70 WDG Fungicide)	0.5	0.5	**PREVENTIVE RATE:** Tank-mix with ProStar 70 WDG Fungicide and apply on a 21- to 28-day schedule. Follow use directions and restrictions on ProStar 70 WDG Fungicide label with tank-mixing. **CURATIVE RATE:** To control existing infections, tank-mix Bayleton 50 Turf and Ornamental Fungicide with the curative rate of ProStar 70 WDG Fungicide. Subsequent applications should be applied on a preventive schedule using the preventive rate of ProStar 70 WDG Fungicide.
Anthracnose (*Colletotrichum graminicola*)	1	-	**PREVENTIVE RATE:** Apply at 30-day intervals and repeat as necessary for seasonal control. Depending upon environmental conditions, residual control may be extended to 45 days.
	-	1	**CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Southern Blight (*Sclerotium rolfsii*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	0.5 to 2	2	**PREVENTIVE RATE:** 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 1.2 oz at 14- to 28-day intervals. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year. **CURATIVE RATE:** 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. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year.
Gray Leaf Spot	**Preventive Rates Only** 0.5 – 1		Apply when conditions are favorable for disease development on 14-day intervals. If using 0.5 oz per 1,000 sq ft, or under conditions favoring moderate to heavy disease pressure, Bayleton® 50 Turf and Ornamental Fungicide should be tank mixed with a registered contact fungicide at label rate.

continued

continued

PRESCRIBED APPLICATIONS — TURFGRASS DISEASE CONTROL

DISEASE	OZ OF BAYLETON 50 TURF AND ORNAMENTAL PER 1,000 SQUARE FEET*		REMARKS
Stripe Smut (*Ustilago striiformis*)	1		Make the first application in the spring just before the turf breaks dormancy, followed by a second application just prior to the summer heat stress period and a third application when the cool nighttime temperatures of the late summer or early fall return.
Fusarium Blight (*Fusarium culmorum*) (*Fusarium poae*) Summer Patch (*Magnaporthe poae*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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, Large patch of zoysia (*Rhizoctonia solani*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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.
Bermudagrass decline (*Gaeumannomyces graminis* var. *graminis*) Take all patch (*Gaeumannomyces graminis* var. *avenae*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	**Preventive** 1 to 2	**Curative** 2	Immediately after the fungicide is applied, the area should be thoroughly irrigated 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. **PREVENTIVE RATE:** 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. **CURATIVE RATE:** To control existing infections, apply 2 oz for the initial treatment followed by 1 to 2 oz at 21- to 28-day intervals. Cultural control practices such as aerification, topdressing, reseeding, and fertilization should be implemented prior to or at the same time the fungicide is applied. Refer to your local County Extension Service for this information.
Gray Snow Mold/Typhula Blight (*Typhula incarnata*) (Except California) (Do not use on Residential lawns.)	**Preventive Rates Only** 2		Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months, a second application should be made. Do not apply over snow cover, or when turf is dormant.
Pink Snow Mold/Fusarium Patch (*Microdochium nivalis*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	1 to 2		Apply before conditions favorable for infection occur. Re-application should be made as needed at a 60- to 90-day interval. Do not apply over snowcover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.

*Note: Apply the specified amount of BAYLETON 50 Turf and Ornamental Fungicide 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. **Do not use clippings for animal feed.**

**Residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, recreational parks and elementary, middle, and high schools.

Conversion Table for BAYLETON 50 Turf and Ornamental Fungicide

Oz per 1,000 sq ft	lb/A	Number of 5.5 oz PVA Packets Per Acre
0.25	0.7	2
0.5	1.4	4
1.0	2.75	8
2.0	5.5	16

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
Flowering & Foliage Plants (Outdoor) Ageratum (2b, 3, 4) Aster (4) Begonia* (3) Canna (4) Carnation (3, 4) Chrysanthemum (3, 4) Dahlia (3) Delphinium (3) Dendrobium (1c) (Hawaii Only) Dianthus (4) Four O'Clock (4) Geranium* (3, 4) Hollyhock* (3, 4) Hydrangea (3) Iris* (2c) Marigold (2b, 4) Nephthytis* (2a) Pansy (3, 4) Petunia (3, 4) Phlox (2b, 3, 4) Poinsettia (3) Rose* (3) Salvia (3, 4) Sedum (3) Snapdragon* (3, 4) Sunflowers (3, 4) (ornamental only) Sweet peas* (3) Zinnia* (2b, 3)	**Ornamental Shrubs & Trees** Amelanchier (3) Azalea* (1a, 2f, 3) Barberry (3, 4) Buckthorn (4) Camellia (suppression of 1b) Cedar* (2d) Crabapple (flowering) (3, 4) Crape myrtle* (3) Dogwood (3) Euonymus* (3) Gardenia (3) Hawthorn (3, 4) Hemlock (4e) Holly (3) Juniper (4) Leucothoe (2b) Lilac (3) Mock-Orange (3, 4) Mountain Laurel (1a, 2b, 3) Ninebark (3) Paulownia (3) (Empress Tree) Pear (Flowering) (3) Photinia (2e, 3, 4) Potentilla (4) (Cinquefoil) Privet (2b, 3) Pyracantha (3) Rhododendron (1a, 2b, 3) Spirea (3) Viburnum* (3, 4) Vitex (2b) (Chaste Tree)	**Shade Trees** Ash (3) Aspen (3, 4) Birch (3, 4) Buckeye (3) Chestnut (3) Cottonwood (3, 4) Elm (3) Fir (4) Locust (3) Maple (3) Oak* (3) Pine* (4, 5) Poplar (3, 4) Russian Olive (2b, 4) Sycamore* (3) Walnut (3) Willow* (3, 4) **Flowering & Foliage Plants (Non-commercial Greenhouse [D])** African Violet* (3) Azalea (1a, 2f, 3) Calendula (3, 4) Carnation* (3, 4) Chrysanthemum* (3, 4) Cineraria (3) Crassula (3) Daisy (3, 4) Fern, Boston (4) *Desmella* spp. Geranium* (3, 4) Gerbera (3) Grape Leaf Ivy* (3) Hydrangea (3) Kalanchoe (3) Poinsettia (3) Rose* (3) Snapdragon (3, 4)	(1) Flower Blight *Ovulinia* spp. [A] *Sclerotinia* spp. [A] *Collectotrichum* [A] (2) Leaf Blight/Spots *Cephalosporium* spp. [C] *Cerocospora* spp. *Didymellina* spp. [B] *Didymascella* thujina [G] *Entomosporium* spp. [C] *Exobasidium* spp. [E] (3) Powdery Mildew *Erysiphe* spp. *Microsphaera* spp. *Oidium* spp. *Podosphaera* spp. *Phyllactinia* spp. *Sphaerotheca* spp. *Uncinula* spp. (4) Rusts *Coleosporium* spp. *Cronartium* spp. [B] (Fusiform) *Gymnosporanqium* spp. *Melampsora* spp. [F] *Melampsora farlowii* [A] *Melampsoridium* spp. *Peridesmium* spp. [B] *Phragmidium andersonii* *Puccinia* spp. *Uromyces* spp. *Uredinopsis mirabalis* [A] (5) Tip Blight *Sirococcus strobilinus* [B]

Application with hose-end sprayers are permitted only for outdoor use on ornamentals. Use of hose-end sprayer equipment in non-commercial greenhouses (e. g. amusement parks, residential, golf courses, high schools, universities) 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 5.5 oz of Bayleton® 50 Turf and Ornamental Fungicide in 275 to 550 gal of water (1/2 – 1 teaspoon in 5 gal water) and apply as a full coverage foliage spray to the point of drip as needed.

[A] Mix 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 68.75 to 137.5 gal of water and apply as a full-coverage foliar spray to the point of drip. Use multiple applications at 7- to 14-day intervals as needed dependent upon bloom periods. Applications should begin at the expanded bud stage (color showing or at bud break on Hemlock). Use 4 applications at 14-day intervals for Hemlock rust.

[B] Mix 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide plus sufficient spreader sticker for good coverage in 68.75 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 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 68.75 to 137.5 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] **Applications in Non-Commercial Greenhouse** (e. g. amusement parks, residential, golf courses, high schools, universities)

Winter Use – 0.5 oz in 50 gal of water or 5.5 oz in 550 gal of water.

Summer Use – 1 oz in 50 gal of water or 5.5 oz in 275 gal of water.

Mix specified amount of Bayleton 50 Turf and Ornamental Fungicide in water and apply in a spray application to the point of drip. Intervals between applications should 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 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 275 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 5.5 oz in 34.3 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 5.5 oz per 0.69 acres in sufficient water to provide full coverage in nurseries, or 5.5 oz per 68.75 gal 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: Bayleton 50 Turf and Ornamental Fungicide is compatible with many registered insecticides and fungicides. To determine the compatibility of Bayleton® 50 Turf and Ornamental Fungicide with specific products, the following procedure should be conducted. Pour the recommended 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: Use of various spray additives such as spreaders, extenders, trace elements or fertilizers should be evaluated prior to use. The label directions given here are based on data obtained with no additives; use of any product with Bayleton 50 Turf and Ornamental Fungicide may affect the result. Contact local university extension personnel prior to use of spray mix additives.

RESTRICTIONS:

- Do not use edible portions of treated trees, such as nuts and syrup for feed or food.
- Chemigation is permitted for use on ornamentals and pine trees, including Christmas trees.
- **DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT WORKERS OR OTHER PERSONS, OR PETS EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.**

Prescribed Applications

Christmas Trees (Except Concolor Fir)	Stem and Cone Rusts *Cronartium* spp. (Fusiform) *Peridemium* spp. *Endocronartium Harknessii* (Gall) Tip blight *Sirococcus strobilinus* Lophodermium Needlecast *Lophodermium pinestri*	8 oz/A
	Apply specified dosage per acre or per 100 gal of water as a full coverage, dilute spray as needed. Full coverage of the trees is essential for maximum control. Use of nonionic spray adjuvant is recommended. Time applications appropriately for the specific disease being controlled. A maximum of 64 oz of BAYLETON 50 Turf and Ornamental Fungicide may be applied per acre per season. For rusts, begin applications when the needles break through the fascicle sheath. Make additional applications at 14 to 21-day intervals. Stop when galls become pale to white color. For tip blight, begin applications to coincide with bud break. Make two additional applications at 14-day intervals. For Lophodemium needlecast, begin applications to coincide with spore release, normally beginning in mid-July and ending in mid-October. Make applications at 21-day intervals. Extend interval to 28 days if spore release is light or dry weather is expected.	
Pine (Seedlings) (Except California)	Pine Rust (Fusiform rust)	4 to 16 oz/A
	Begin application prior to infection period and repeat as necessary at 14 to 21 day intervals depending upon disease pressure. Use lower rates in areas of low disease incidence and higher rates in areas of severe disease incidence. A maximum of 64 oz of BAYLETON 50 Turf and Ornamental Fungicide may be applied per acre per season. A spreader-sticker is needed to help adhere spray solution to the pine trees. Do not apply BAYLETON 50 Turf and Ornamental Fungicide on recent grafted scions until one year after grafting.	
Pine Seed (Nurseries) (Except California)	Fusiform rust (*Cronartium quercuum*)	2 oz
	Apply specified dosage to 50 lb of thoroughly wetted pine seeds in a commercial treater or other suitable tumbler apparatus. Allow to mix for at least 10 minutes before applying bird repellent or other seed dressing materials. Thoroughly air dry seed before sowing. Do not use treated seed for food or feed purposes.	

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. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets 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 as directed below. 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 Disposal:

[Foil Pouch: Non-refillable container. Do not reuse or refill this container]. Dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Plastic Drum: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times]. Then dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

Bayer (reg'd), the Bayer Cross (reg'd), Bayleton®, Prostar® and Backed by Bayer™ are trademarks of Bayer.

Produced for:
Bayer Environmental Science
A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709
Product of China

BAYLETON® 50

Turf and Ornamental Fungicide in Water Soluble Packets

Systemic Fungicide

This product is intended for professional use only. For control of listed diseases on flowers, foliage plants, shrubs, shade trees and turf grass including residential turf, sodfarm turf, golf courses, commercial lawns and grounds, gardens or parks and interior plantscapes.

ACTIVE INGREDIENT:

Triadimefon 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1*H*-1,2,4-triazol-1-yl)-2-butanone..... 50%

INERT INGREDIENTS:..... 50%

100%

Keep water soluble packets in this container and store in a cool place but not below freezing (32°F). Sell in original packages only.
SELL IN ORIGINAL PACKAGES ONLY.

EPA Reg. No. 432-1360
EPA Est. No indicated by 3rd and 4th digits of the batch number on this package. (85) = 065387-AR-002 (98) = 33967-NJ-1

STOP – Read the label before use.
Keep out of reach of children.

CAUTION

PARA EL USUARIO: Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta.
(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

For MEDICAL And TRANSPORTATION Emergencies ONLY
Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-331-2867

BACKED by BAYER™

Contents
4 x 5.5 Ounce
Water Soluble Packets
Net Weight
1.38 Pounds

1578840
3407857C 091009A

Produced for:
Bayer Environmental Science
A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709
Product of China

3/8"

3/8"

13"

Template No.: 13033 9/3/98

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3827295C 091009A

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For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

FIRST AID	
If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
If in eyes:	• Hold eyes 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. • Call a poison control center or doctor for treatment advice.
If on skin:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center 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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. **Symptoms of Poisoning:** The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by hyperactivity followed by sedation. **Note To Physician:** No specific antidote. Treat symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

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

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical-resistant gloves made of waterproof material such as neoprene, butyl rubber, barrier laminate or nitrile rubber when mixing/loading, when using handheld equipment or handheld nozzles
- Chemical-resistant apron, when mixing/loading, or cleaning spills or equipment.

"See engineering controls for additional requirements."

USER SAFETY REQUIREMENTS

Follow 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 STATEMENTS

Water-soluble packaging when used correctly qualifies as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water soluble packets must:

- wear the personal protective equipment on this labeling for mixers/loaders, however, they do NOT need to wear a respirator, and
- be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical-resistant footwear and a NIOSH-approved dust/mist filtering respirator with NIOSHIMSHA approval number prefix TC-2 1C or a NIOSH-approved respirator with any N, R, P or HE filter.

Pilots must use and 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 thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean 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 washwaters 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.

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. Keep people and pets out of the area during application. Only protected handlers may be in the area during application.

Do not allow people or pets to enter the treated area until sprays have dried.

Application to trees that bear fruit or nuts is prohibited. Applications are permitted on non-bearing fruit or nut trees only.

For any requirements specific to your State or Tribe, consult the 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) and restricted-entry interval. The requirements in this box only 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.

Harvesting or transplanting turfgrass grown on sodfarms is prohibited for 17 days following application.

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

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 (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

APPLICATION: BAYLETON® 50 Turf and Ornamental Fungicide 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, plants should be maintained 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 prescribed intervals to maintain disease control.

This product cannot be mixed with any product containing a label prohibition against such mixing.

Do not use on crops grown for food or forage.

For Residential and commercial turf sites apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun, boom sprayer, and or ride-on sprayer.

For Residential and commercial ornamental Landscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

For Noncommercial Greenhouse and Interior Ornamental Plantscapes apply product with spray equipment such as back pack sprayer, hand pump sprayer, tank and hand-held spray gun or wand.

MIXING: The enclosed packets containing Bayleton 50 Turf and Ornamental Fungicide are water soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Applications", into the spray tank while filling the water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they were added to the water.

CAUTION: Do not use Bayleton 50 Turf and Ornamental Fungicide packets in a tank-mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such a diesel oils, kerosene, gasoline or alcohol. Use of chlorinated water is acceptable. Do not attempt to use the PVA packets directly in liquid fertilizer, diesel oils or summer spray type oils as in ULV or LV uses. PVA Packets are water soluble not fertilizer or oil soluble. If liquid fertilizer or oils are to be added to the mix water, add Bayleton 50 Turf and Ornamental Fungicide packets first and wait until they are dissolved before adding liquid fertilizer or oil.

USE IN CHEMIGATION SYSTEMS ON SODFARM AND ORNAMENTALS ONLY

Apply Bayleton 50 Turf and Ornamental Fungicide 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.

Turf injury or lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, you should 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, shall shut the system down and make necessary adjustments should the need arise.

Pre-mix the required amount of Bayleton 50 Turf and Ornamental Fungicide, as determined under "Prescribed 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.

Spray Drift Requirements (Groundboom and Aerial Application)

1. For groundboom and aerial applications, use only medium or coarser spray nozzles according to ASABE (S572) definition for standard nozzles. Aerial applicators must consider flight speed and nozzle orientation in determining droplet size.
2. Make aerial or ground applications when the wind velocity is 3 to 10 mph. Do not apply when the wind speed is greater than 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.
3. Do not make aerial or ground applications into temperature inversions.
4. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.
5. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in tree applications, spray must be directed into the canopy.
6. For aerial application use 2-4 gal/A spray volume.
7. For aerial applications, do not release spray at a height greater than 10 feet above the ground or plant canopy.
8. For aerial applications, the outermost nozzles must not exceed 60% of the wingspan or 80% of the rotor blade diameter.
9. When aerial applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Turfgrass Application Directions

BAYLETON 50 Turf and Ornamental Fungicide can be tank-mixed with ProStar® 70 WDG for use on turf in accordance with the more (most) restrictive of label limitations and precautions. Do not exceed the label's dosage rates.

Maximum single application rate is 2.7 pounds active ingredient per acre; Maximum annual application rate is 5.4 pounds active ingredient per acre; Minimum retreatment interval is 14 days. For residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, recreational parks and elementary, middle and high schools, the maximum single application rate is 2.0 lb ai/A.

Application to golf courses, including tees, greens, fairways, and roughs, is permitted only if the turfgrass is 2.5 inches or less in height.

Aerial application is permitted to sodfarm turfgrass only.

PRESCRIBED APPLICATIONS — TURFGRASS DISEASE CONTROL

DISEASE	OZ OF BAYLETON 50 TURF AND ORNAMENTAL PER 1,000 SQUARE FEET*		REMARKS
	Preventive	**Curative**	
Dollar Spot (*Sclerotinia homoeocarpa*)	0.5	-	**PREVENTIVE RATE:** Apply prescribed rate at 30-day intervals. Protective activity of Bayleton 50 Turf and Ornamental Fungicide may extend for as long as 60 days, depending upon environmental conditions.
	0.25	-	**PREVENTIVE RATE (Except California):** Apply prescribed rate on 14-day intervals. Protective activity of Bayleton 50 Turf and Ornamental Fungicide may extend for as long as 30 days dependent upon environmental conditions.
	-	1	**CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Fairy Ring	1.0 - 2.0	-	**PREVENTIVE RATE:** Apply prescribed rate in 2-4 gallons of water in the spring prior to appearance of fairy ring symptoms. Before the spray dries, irrigate to wash the fungicide into the thatch/soil where the fungus is active. Repeat application 14 days later. If the 2 ounce rate is used on *Poa annua* putting greens, extend the interval to 21 days.
Brown Patch/Rhizoctonia Blight (*Rhizoctonia solani*) (Suppression) Copper Spot (*Gloeocercospora sorghi*) Corticium Red Thread (*Laetisaria fuciformis*) Powdery Mildew (*Erysiphe graminis*) Rusts (*Puccinia* spp.)	0.5	1	**PREVENTIVE RATE:** Apply at 15- to 30-day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of Bayleton 50 Turf and Ornamental Fungicide can be greater than 30 days depending on environmental conditions. **CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Brown Patch/Rhizoctonia Blight (*Rhizoctonia solani*) (Recommendation for tank-mix with Prostar 70 WDG Fungicide)	0.5	0.5	**PREVENTIVE RATE:** Tank-mix with ProStar 70 WDG Fungicide and apply on a 21- to 28-day schedule. Follow use directions and restrictions on ProStar 70 WDG Fungicide label with tank-mixing. **CURATIVE RATE:** To control existing infections, tank-mix Bayleton 50 Turf and Ornamental Fungicide with the curative rate of ProStar 70 WDG Fungicide. Subsequent applications should be applied on a preventive schedule using the preventive rate of ProStar 70 WDG Fungicide.
Anthracnose (*Colletotrichum graminicola*)	1	-	**PREVENTIVE RATE:** Apply at 30-day intervals and repeat as necessary for seasonal control. Depending upon environmental conditions, residual control may be extended to 45 days.
	-	1	**CURATIVE RATE:** To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Southern Blight (*Sclerotium rolfsii*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	0.5 to 2	2	**PREVENTIVE RATE:** 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 1.2 oz at 14- to 28-day intervals. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year. **CURATIVE RATE:** 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. When considering the number of applications to apply per year, do not exceed 5.4 lb ai/A per year.
Gray Leaf Spot	**Preventive Rates Only** 0.5 – 1		Apply when conditions are favorable for disease development on 14-day intervals. If using 0.5 oz per 1,000 sq ft, or under conditions favoring moderate to heavy disease pressure, Bayleton® 50 Turf and Ornamental Fungicide should be tank mixed with a registered contact fungicide at label rate.

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PRESCRIBED APPLICATIONS — TURFGRASS DISEASE CONTROL

DISEASE	OZ OF BAYLETON 50 TURF AND ORNAMENTAL PER 1,000 SQUARE FEET*		REMARKS
Stripe Smut (*Ustilago striiformis*)	1		Make the first application in the spring just before the turf breaks dormancy, followed by a second application just prior to the summer heat stress period and a third application when the cool nighttime temperatures of the late summer or early fall return.
Fusarium Blight (*Fusarium culmorum*) (*Fusarium poae*) Summer Patch (*Magnaporthe poae*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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, Large patch of zoysia (*Rhizoctonia solani*) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	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.
Bermudagrass decline (*Gaeumannomyces graminis* var. *graminis*) Take all patch (*Gaeumannomyces graminis* var. *avenae*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	**Preventive** 1 to 2	**Curative** 2	Immediately after the fungicide is applied, the area should be thoroughly irrigated 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. **PREVENTIVE RATE:** 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. **CURATIVE RATE:** To control existing infections, apply 2 oz for the initial treatment followed by 1 to 2 oz at 21- to 28-day intervals. Cultural control practices such as aerification, topdressing, reseeding, and fertilization should be implemented prior to or at the same time the fungicide is applied. Refer to your local County Extension Service for this information.
Gray Snow Mold/Typhula Blight (*Typhula incarnata*) (Except California) (Do not use on Residential lawns.)	**Preventive Rates Only** 2		Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months, a second application should be made. Do not apply over snow cover, or when turf is dormant.
Pink Snow Mold/Fusarium Patch (*Microdochium nivalis*) (Except California) (For Residential lawns** do not exceed 1.5 oz of product/1,000 sq ft.)	1 to 2		Apply before conditions favorable for infection occur. Re-application should be made as needed at a 60- to 90-day interval. Do not apply over snowcover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.

*Note: Apply the specified amount of BAYLETON 50 Turf and Ornamental Fungicide 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. **Do not use clippings for animal feed.**

**Residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields, recreational parks and elementary, middle, and high schools.

Conversion Table for BAYLETON 50 Turf and Ornamental Fungicide

Oz per 1,000 sq ft	lb/A	Number of 5.5 oz PVA Packets Per Acre
0.25	0.7	2
0.5	1.4	4
1.0	2.75	8
2.0	5.5	16

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
Flowering & Foliage Plants (Outdoor)	**Ornamental Shrubs & Trees**	**Shade Trees**	(1) Flower Blight
Ageratum (2b, 3, 4)	Amelanchier (3)	Ash (3)	*Ovulinia* spp. [A]
Aster (4)	Azalea* (1a, 2f, 3)	Aspen (3, 4)	*Sclerotinia* spp. [A]
Begonia* (3)	Barberry (3, 4)	Birch (3, 4)	*Collectotrichum* [A]
Canna (4)	Buckthorn (4)	Buckeye (3)	(2) Leaf Blight/Spots
Carnation (3, 4)	Camellia (suppression of 1b)	Chestnut (3)	*Cephalosporium* spp. [C]
Chrysanthemum (3, 4)	Cedar* (2d)	Cottonwood (3, 4)	*Cerocospora* spp.
Dahlia (3)	Crabapple (flowering) (3, 4)	Elm (3)	*Didymellina* spp. [B]
Delphinium (3)	Crape myrtle* (3)	Fir (4)	*Didymascella* thujina [G]
Dendrobium (1c) (Hawaii Only)	Dogwood (3)	Locust (3)	*Entomosporium* spp. [C]
Dianthus (4)	Euonymus* (3)	Maple (3)	*Exobasidium* spp. [E]
Four O'Clock (4)	Gardenia (3)	Oak* (3)	(3) Powdery Mildew
Geranium* (3, 4)	Hawthorn (3, 4)	Pine* (4, 5)	*Erysiphe* spp.
Hollyhock* (3, 4)	Hemlock (4e)	Poplar (3, 4)	*Microsphaera* spp.
Hydrangea (3)	Holly (3)	Russian Olive (2b, 4)	*Oidium* spp.
Iris* (2c)	Juniper (4)	Sycamore* (3)	*Podosphaera* spp.
Marigold (2b, 4)	Leucothoe (2b)	Walnut (3)	*Phyllactinia* spp.
Nephthytis* (2a)	Lilac (3)	Willow* (3, 4)	*Sphaerotheca* spp.
Pansy (3, 4)	Mock-Orange (3, 4)	**Flowering & Foliage Plants (Non-commercial Greenhouse [D])**	*Uncinula* spp.
Petunia (3, 4)	Mountain Laurel (1a, 2b, 3)	African Violet* (3)	(4) Rusts
Phlox (2b, 3, 4)	Ninebark (3)	Azalea (1a, 2f, 3)	*Coleosporium* spp.
Poinsettia (3)	Paulownia (3) (Empress Tree)	Calendula (3, 4)	*Cronartium* spp. [B] (Fusiform)
Rose* (3)	Pear (Flowering) (3)	Carnation* (3, 4)	*Gymnosporanqium* spp.
Salvia (3, 4)	Photinia (2e, 3, 4)	Chrysanthemum* (3, 4)	*Melampsora* spp. [F]
Sedum (3)	Potentilla (4) (Cinquefoil)	Cineraria (3)	*Melampsora farlowii* [A]
Snapdragon* (3, 4)	Privet (2b, 3)	Crassula (3)	*Melampsoridium* spp.
Sunflowers (3, 4) (ornamental only)	Pyracantha (3)	Daisy (3, 4)	*Peridesmium* spp. [B]
Sweet peas* (3)	Rhododendron (1a, 2b, 3)	Fern, Boston (4) *Desmella* spp.	*Phragmidium andersonii*
Zinnia* (2b, 3)	Spirea (3)	Geranium* (3, 4)	*Puccinia* spp.
	Viburnum* (3, 4)	Gerbera (3)	*Uromyces* spp.
	Vitex (2b) (Chaste Tree)	Grape Leaf Ivy* (3)	*Uredinopsis mirabalis* [A]
		Hydrangea (3)	(5) Tip Blight
		Kalanchoe (3)	*Sirococcus strobilinus* [B]
		Poinsettia (3)	
		Rose* (3)	
		Snapdragon (3, 4)	

Application with hose-end sprayers are permitted only for outdoor use on ornamentals. Use of hose-end sprayer equipment in non-commercial greenhouses (e. g. amusement parks, residential, golf courses, high schools, universities) 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 5.5 oz of Bayleton® 50 Turf and Ornamental Fungicide in 275 to 550 gal of water (1/2 – 1 teaspoon in 5 gal water) and apply as a full coverage foliage spray to the point of drip as needed.

[A] Mix 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 68.75 to 137.5 gal of water and apply as a full-coverage foliar spray to the point of drip. Use multiple applications at 7- to 14-day intervals as needed dependent upon bloom periods. Applications should begin at the expanded bud stage (color showing or at bud break on Hemlock). Use 4 applications at 14-day intervals for Hemlock rust.

[B] Mix 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide plus sufficient spreader sticker for good coverage in 68.75 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 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 68.75 to 137.5 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] **Applications in Non-Commercial Greenhouse** (e. g. amusement parks, residential, golf courses, high schools, universities)

Winter Use – 0.5 oz in 50 gal of water or 5.5 oz in 550 gal of water.

Summer Use – 1 oz in 50 gal of water or 5.5 oz in 275 gal of water.

Mix specified amount of Bayleton 50 Turf and Ornamental Fungicide in water and apply in a spray application to the point of drip. Intervals between applications should 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 5.5 oz of Bayleton 50 Turf and Ornamental Fungicide in 275 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 5.5 oz in 34.3 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 5.5 oz per 0.69 acres in sufficient water to provide full coverage in nurseries, or 5.5 oz per 68.75 gal 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: Bayleton 50 Turf and Ornamental Fungicide is compatible with many registered insecticides and fungicides. To determine the compatibility of Bayleton® 50 Turf and Ornamental Fungicide with specific products, the following procedure should be conducted. Pour the recommended 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: Use of various spray additives such as spreaders, extenders, trace elements or fertilizers should be evaluated prior to use. The label directions given here are based on data obtained with no additives; use of any product with Bayleton 50 Turf and Ornamental Fungicide may affect the result. Contact local university extension personnel prior to use of spray mix additives.

RESTRICTIONS:

- Do not use edible portions of treated trees, such as nuts and syrup for feed or food.
- Chemigation is permitted for use on ornamentals and pine trees, including Christmas trees.
- **DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT WORKERS OR OTHER PERSONS, OR PETS EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.**

Prescribed Applications

Christmas Trees (Except Concolor Fir)	Stem and Cone Rusts *Cronartium* spp. (Fusiform) *Peridemium* spp. *Endocronartium Harknessii* (Gall) Tip blight *Sirococcus strobilinus* Lophodermium Needlecast *Lophodermium pinestri*	8 oz/A
	Apply specified dosage per acre or per 100 gal of water as a full coverage, dilute spray as needed. Full coverage of the trees is essential for maximum control. Use of nonionic spray adjuvant is recommended. Time applications appropriately for the specific disease being controlled. A maximum of 64 oz of BAYLETON 50 Turf and Ornamental Fungicide may be applied per acre per season. For rusts, begin applications when the needles break through the fascicle sheath. Make additional applications at 14 to 21-day intervals. Stop when galls become pale to white color. For tip blight, begin applications to coincide with bud break. Make two additional applications at 14-day intervals. For Lophodemium needlecast, begin applications to coincide with spore release, normally beginning in mid-July and ending in mid-October. Make applications at 21-day intervals. Extend interval to 28 days if spore release is light or dry weather is expected.	
Pine (Seedlings) (Except California)	Pine Rust (Fusiform rust)	4 to 16 oz/A
	Begin application prior to infection period and repeat as necessary at 14 to 21 day intervals depending upon disease pressure. Use lower rates in areas of low disease incidence and higher rates in areas of severe disease incidence. A maximum of 64 oz of BAYLETON 50 Turf and Ornamental Fungicide may be applied per acre per season. A spreader-sticker is needed to help adhere spray solution to the pine trees. Do not apply BAYLETON 50 Turf and Ornamental Fungicide on recent grafted scions until one year after grafting.	
Pine Seed (Nurseries) (Except California)	Fusiform rust (*Cronartium quercuum*)	2 oz
	Apply specified dosage to 50 lb of thoroughly wetted pine seeds in a commercial treater or other suitable tumbler apparatus. Allow to mix for at least 10 minutes before applying bird repellent or other seed dressing materials. Thoroughly air dry seed before sowing. Do not use treated seed for food or feed purposes.	

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. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water soluble packets may cause breakage. Store packets 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 as directed below. 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 Disposal:

[Foil Pouch: Non-refillable container. Do not reuse or refill this container]. Dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Plastic Drum: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times]. Then dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

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