

SYSTEMIC FUNGICIDE FOR TURF AND ORNAMENTALS

CONTAINS BAYLETON[®] FUNGICIDE

NOT FOR USE ON PLANTS BEING GROWN FOR SALE OR OTHER COMMERCIAL USE, OR FOR COMMERCIAL SEED PRODUCTION OR FOR RESEARCH PURPOSES. FOR USE ON PLANTS INTENDED FOR AESTHETIC PURPOSES OR CLIMATIC MODIFICATION AND BEING GROWN IN INTERIOR PLANTSCAPES, ORNAMENTAL GARDENS OR PARKS, OR ON GOLF COURSES OR LAWNS AND GROUNDS.

ACTIVE INGREDIENT:

1-(4-Chlorophenoxy)-3,3-dimethyl-1(1H-1,2,4-triazol-1-yl)-2-butanone0.88%
INERT INGREDIENTS:.....99.12%
TOTAL:.....100.00%

Contains 0.15 ounces by weight of 1-(4-Chlorophenoxy)-3,3-dimethyl-1(1H-1,2,4-triazol-1-yl)-2-butanone per pint.

BAYLETON is a Reg. TM under license. U.S. Patent No. 3,912,752

**STOP - READ THE LABEL BEFORE USE
 KEEP OUT OF THE REACH OF
 CHILDREN
 CAUTION**

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. This product may cause allergic skin reactions. Keep out of reach of children. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not use on crops grown for food or forage. 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 by cleaning of equipment or disposal of wastes. Do not make applications when weather conditions favor drift from target area.

STATEMENTS OF PRACTICAL TREATMENT

If eyes are contaminated, flush eyes with plenty of water. Call a physician if irritation persists. If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention. If swallowed, administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clean. Never give anything by mouth to an unconscious person. Get medical attention immediately. In case of poisoning, call a physician or Poison Control Center. Have patient lie down and keep quiet. **NOTE TO PHYSICIAN:** No specific antidote is available. Treat symptomatically. **SYMPTOMS OF POISONING:** No specific symptoms. Acute poisoning is accompanied by hyperactivity followed by sedation.

PRECAUTION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

EPA REG. NO. 829-289

EPA EST. NO. 829 FL-1

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using SYSTEMIC FUNGICIDE FOR TURF AND ORNAMENTALS.

APPLICATION: BAYLETON fungicide is absorbed rapidly and works systemically from within the plant. Good coverage and wetting of the foliage is necessary. Rainfall or sprinkler irrigation, within 1/2 hour 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. Apply in all cases when plant root systems are established and actively growing. Applications should be applied at recommended intervals to maintain disease control. Do not contaminate feed or food. Do not apply this product through any type of irrigation system.

RECOMMENDED APPLICATIONS TURF GRASS DISEASE CONTROL

DISEASES	ounces of Systemic Fungicide For Turf & Ornamentals Per 100 Sq. Ft.*		REMARKS
	Preventive	Curative	
Dollar Spot	2.8	-	PREVENTIVE RATE Apply recommended rate on 30 day intervals. Protective activity of BAYLETON fungicide may extend for as long as 60 days dependent upon environmental conditions.
	-	5.6	CURATIVE RATE To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventative schedule and rate
Copper Spot Powdery Mildew Red Thread (Laetisaria fuciformis) Rusts Brown Patch (Rhizoctonia solani) (Suppression)	2.8	5.6	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 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.
Anthraxnose Poa Annua Decline	5.6	5.6	Apply at 30 day intervals as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 45 days.
Stripe Smut	Preventive Rates Only 5.6		Make single application in spring as grass growth begins. Fusarium Blight
Fusarium Blight (Fusarium culmorum) (Fusarium poae) Summer Patch (Phialophora graminicola)	5.6		Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made on 30 day intervals.
Pink Snow Mold Fusarium Patch (Fusarium nivale) Southern Blight (Sclerotium roffsii)	5.6 to 11.2		Apply before conditions favorable for infection occur. Reapplication should be made as needed at a 60 to 90 day interval. Do not apply over snow cover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.

Note: *Apply the specified amount of Systemic Fungicide For Turf And Ornamentals in 1 to 2 quarts of spray per 100 sq. ft. Make all applications after mowing and allow foliage to dry thoroughly before irrigation. Do not use clippings for animal feed. Two (2) tablespoonfuls equals one fluid ounce. Do not reuse tablespoon for feed, food or drinking water purposes.

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ORNAMENTAL PLANT DISEASE CONTROL

PLANTS (Disease controlled reference)	DISEASES
Flowering and Foliage Plants (Outdoor)	
Ageratum (2b,3,4) Four O'Clock (4)	Phlox (2b,3,4) (1)
Aster (4)	Geranium (3,4) Rose (3)
Begonia (3)	Hollyhock (3,4) Salvia (3,4)
Canna (4)	Iris (2c) Sedum (3)
Carnation (3,4)	Marigold (2b,4) Snapdragon (3,4)
Chrysanthemum (3,4)	Nephtytis (2a) Sunflowers (3,4)
(2) Leaf Blight/Spots	
Dahlia (3)	Pansy (3,4) (ornamental only)
Delphinium (3)	Petunia (3,4) Zinnia (2b,3)
Dianthus (4)	
	a. Cephalosporium spp.***
	b. Sclerotinia spp.
	c. Colletotrichum*
	d. Entomosporium
spp.***	
Shade Trees	
Ash (3)	Elm(3) Poplar (3,4)
Aspen (3,4)	Fir (4) Russian Olive (2b,4) (3) Powdery Mildew
Balsam (4)	Locust (3) Sycamore (3) Erysiphe spp.
Birch (3,4)	Maple (3) Vitex (2b) Microsphaera spp.
Buckeye (3)	Paulownia (3) Walnut (3) Oidium spp.
Chestnut (3)	Oak (3) Willow (3,4) Podosphaera spp.
Cottonwood (3,4)	Pine (4,5,6) Phyllactinia spp.
Sphaerotheca spp.	Uncinula spp.
Hawaii Only	
Dendrobium (1c)	(4) Rusts
	a. Coleosporium spp.
	b. Cronartium spp.** (Fusiform)
	c. Gymnosporangium spp.
	d. Melampsora spp.
	e. Melampsoridium spp.
Crabapple (flowering) (3,4)	Mock-Orange (3,4) Rose (3)
f. Peridermium spp.** (Gall)	
Crape-Myrtle (3)	Mountain Laurel (1a,2b,3) g.Phragmidium andersonii
Dogwood (3)	Ninebark (3) Spirea (3) h. Puccinia spp.
Euonymus (3)	Pear (flowering) (3) Viburnum (3,4)
	i. Uromyces spp.
Gardenia (3)	Photinia (2d,3,4) j.Uredinopsis mirabilis*
	(5) Tip Blight
Flowering & Foliage Plants	
(Greenhouse****)	Crassula (3) Gerbera (3) Sirococcus strobilinus**
African Violet (3)	Daisy (3,4) Grape Leaf Ivy (3)
Calendula (3,4)	Fern, Boston (4) Kalanchoe (3) (6) Fusarium spp.
Carnation (3,4)	Desmella spp. Rose (3) (See NOTE below on
Chrysanthemum (3,4)	Geranium (3,4) Snapdragon (3,4)
Pine Tree Decline	Cineraria (3)

NOTE: PINE TREE DECLINE (suppression of symptoms caused by Fusarium spp.)

Use 1.3 ml of SYSTEMIC FUNGICIDE per inch of trunk circumference. Apply using a low pressure trunk injection system. Place injectors evenly around the circumference of the trunk 4 to 6 feet from the base of the tree. Use one injector site per inch of trunk diameter. In addition to the SYSTEMIC FUNGICIDE being used, a liquid fertilizer solution containing 1% iron plus 1% zinc in chelated form should be combined on a 1 to 1 ratio with the SYSTEMIC FUNGICIDE and injected at the required rate for SYSTEMIC FUNGICIDE. Applications should be made from mid-November to mid-March in Florida. In other geographical areas applications should be made when resin flow will not impede the injection and release of the SYSTEMIC FUNGICIDE. Make no more than one application per year.

APPLICATION RATES: Except as noted for specific diseases, mix 1 to 2 tablespoonfuls (0.5 to 1 fl. oz.) of SYSTEMIC FUNGICIDE in 1 gallon of water and apply as a full coverage foliage spray to the point of drip as needed.

*Mix 2 to 4 fl. ozs. of SYSTEMIC FUNGICIDE in 1 gallon of water and apply as a full-coverage foliar spray to the point of drip. Applications for flower blight should begin at the expanded bud stage (color showing). Use multiple applications at 7- to 14-day intervals as needed dependent upon bloom periods.

**Mix 4 fl. ozs. of SYSTEMIC FUNGICIDE plus sufficient spreader sticker for good coverage in 1 gallon of water. Apply in a spray application to the point of runoff on an as needed basis. Excessive rates or excessive applications may result in a shortening of the flower stalk on iris.

***Mix 2 to 4 fl. ozs. of SYSTEMIC FUNGICIDE in 1 gallon of water and apply as a full coverage foliar spray to point of run-off. Apply in early spring as growth starts and reapply 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.

****Greenhouse Applications****

Winter Use: 1 tbsp. of SYSTEMIC FUNGICIDE

Summer Use: 2 tbsp. of SYSTEMIC FUNGICIDE

Mix specified amount of SYSTEMIC FUNGICIDE in 1 gallon of 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.

COMPATIBILITY: SYSTEMIC FUNGICIDE is compatible with many registered insecticides and fungicides. To determine the comparability of SYSTEMIC FUNGICIDE with specific products, the following procedure should be conducted. Pour the recommended proportions of the product 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 spreader stickers 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 SYSTEMIC FUNGICIDE may affect the result. Contact local university extension personnel prior to use of spray mix additives.

RESTRICTIONS: Edible portions of treated trees, such as nuts and syrup, should not be used for feed or food.

Ground Water Advisory

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

DISPOSAL: Do not reuse empty container. Securely wrap original container in several layers of newspaper and put in trash collection. 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 container is leaking invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away.

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