



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

John S. Thornton
Miles Inc.
P.O. Box 4913
8400 Hawthorn Rd
Kansas City, MO 64120-0013

APR 13 1975

Dear Mr. Thornton:

Subject: Groundwater Advisory Label Amendment
Baylton 0.5% Granular Turf Fungicide
EPA Registration No. 3125-364
Baylton 009 EC
Turf and Ornamental Fungicide
Systemic Fungicide
EPA Registration No. 3125-370
Baylton 25 Nursery and Greenhouse Systemic Fungicide
Water Soluble Packets
EPA Registration No. 3125-438
Baylton 1% Granular Turf Fungicide
EPA Registration No. 3125-363
Baylton 25 Wettable Powder
Nursery and Greenhouse Systemic Fungicide
EPA Registration No. 3125-436 ✓

The labeling amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable. However, Baylton 009 EC Turf and Ornamental Fungicide, EPA Registration No. 3125-370 is acceptable provided you do the following:

Delete the Spanish word "Aviso" from the label. This is not the Spanish word for "Caution". And the Spanish word for caution is not required for this product according to the Worker Protection Standard.

Submit one (1) copy of your final labeling before you release the product for shipping.

A stamped copy of the labeling is enclosed for your records.

Sincerely Yours,

151
Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

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Printed on Recycled Paper

1 of 6

BAYLETON 25 WWP

436-8464.YLD

U. S. LABEL

Base Pre-Reg (8464) 746

Reason to Issue: To add groundwater advisory.

Date of Draft: 03/03/95(Pre-Reg)(T)

BAYLETON® 25

Wettable Powder

Nursery and Greenhouse Systemic Fungicide

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

ACTIVE INGREDIENT:

1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone 25%

INERT INGREDIENTS 75%

100%

U.S. Patent No. 3,912,752

EPA Reg. No. 3125-436

EPA Est. 3125-MO-1

Net Weight: ___ Pounds

**Stop - Read the Label Before Use
KEEP OUT OF THE REACH OF CHILDREN**

CAUTION

See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements

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

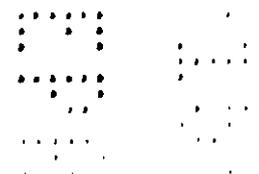
(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

Apr 13 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act
and related laws, this product is registered under Reg. No.

3125-436



Unregistered label text is highlighted by redlining.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the 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.

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
- Waterproof gloves
- Shoes plus socks

IMPORTANT: Read these entire Directions and Conditions of Sale before using BAYLETON 25 Nursery and Greenhouse Fungicide Systemic Fungicide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS UNDER CONDITIONS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

APPLICATION: BAYLETON 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.

Apply in all cases when plants are fully established and actively growing. Applications should be applied at recommended intervals to maintain disease control.

Do not use on crops grown for food or forage.

USE IN CHEMIGATION SYSTEMS ON TURF ONLY: Apply BAYLETON 25 Nursery and Greenhouse Systemic 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.

Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

RECOMMENDED APPLICATIONS - TURF GRASS DISEASE CONTROL

DISEASE	OZS OF BAYLETON 25 WP PER 1,000 SQUARE FEET*		REMARKS
Anthracnose <i>(Colletotrichum graminicola)</i>	Preventive 2	Curative -	PREVENTIVE RATE: Apply at 30-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 45 days.
	1	-	PREVENTIVE RATE: (Except California) Apply at 21-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 30 days.
	-	2	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Southern Blight <i>(Sclerotium rolfsii)</i>	Preventive 1 to 4	Curative 4	PREVENTIVE: Begin applications prior to the appearance of disease symptoms. Depending on anticipated disease severity, apply 2 to 4 oz rates at 14-day intervals for the initial 2 to 3 treatments. Apply subsequent treatments of 1 to 2 oz at 14- to 28-day intervals. CURATIVE: To control existing infections, apply 4 oz at 14-day intervals for the initial 2 to 3 treatments followed by 1 to 2 oz at 14- to 28-day intervals.
Stripe Smut <i>(Ustilago striiformis)</i>	Preventive has Only 2		Make a single application in spring as grass growth begins.
Fusarium Blight <i>(Fusarium culmorum)</i> <i>(Fusarium poae)</i> Summer Patch <i>(Phialophora graminicola)</i> <i>(Magnaporthe poae)</i>	2 to 4		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 <i>(Rhizoctonia solani)</i>	2 to 4		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.

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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	
<p>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)</p> <p>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)</p>	<p>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) (Chest Tree)</p> <p>Flowering & Foliage Plants (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) <i>Desmelle</i> spp. Geranium* (3, 4) Gerbera (3) Grape Leaf Ivy* (3) Hydrangea (3) Kalanchoe (3) Poinsettia (3) Rose* (3) Snapdragon (3, 4)</p>	<p>(1) Flower Blight a) <i>Ovulinia</i> spp. [A] b) <i>Sclerotinia</i> spp. [A] c) <i>Collectotrichum</i> [A]</p> <p>(2) Leaf Blight/Spots a) <i>Cephalosporium</i> spp. [C] b) <i>Cercospora</i> spp. c) <i>Didymella</i> spp. [B] d) <i>Didymascelia thujina</i> [G] e) <i>Entomosporium</i> spp. [C] f) <i>Exobasidium</i> spp. [E]</p> <p>(3) Powdery Mildew <i>Erysiphe</i> spp. <i>Microsphaera</i> spp. <i>Oidium</i> spp. <i>Podosphaera</i> spp. <i>Phyllostictia</i> spp. <i>Sphaerotheca</i> spp. <i>Uncinula</i> spp.</p> <p>(4) Rusts a) <i>Coleosporium</i> spp. b) <i>Cronartium</i> spp. [B] (Fusiciform) c) <i>Gymnosporangium</i> spp. d) <i>Melampsora</i> spp. [F] e) <i>Melampsora farlowii</i> [A] f) <i>Melampsoridium</i> spp. g) <i>Peridermium</i> spp. [B] h) <i>Phragmidium andersonii</i> i) <i>Puccinia</i> spp. j) <i>Uromyces</i> spp. k) <i>Uredinopsis mirabilis</i> [A]</p> <p>(5) Tip Blight <i>Sirococcus strobilinus</i> [B]</p>

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STORAGE AND DISPOSAL

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

Household: Do not reuse empty container. Securely wrap original container in several layers of newspaper and put in trash collection.

Pesticide Disposal (Except Household): Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal (Except Household): Completely empty carton into application equipment. 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.

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

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Material that cannot be used as directed should be disposed of as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Miles Inc.
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