



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

COPY FOR YOUR
INFORMATION

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MELVIN K. TOLLIVER
MILES, INC.
AGRICULTURAL DIVISION
8400 HAWTHORNE ROAD BOX 4913
KANSAS CITY, MO. 64120

SUBJECT: Label Amendment Submission of 11/04/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-318
BAYLETHRIN 25% WETTABLE POWDER

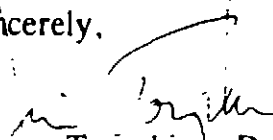
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

BAYLETON 25% WP

318-8017.YLD

U. S. LABEL

Base Pre-Reg (8017)

Reason to Issue: To revise labeling to remove product from scope of the Worker Protection Standard.
11/03/93 Draft: To add pre-approved exclusionary statement.

Date of Draft: 11/03/93(Pre-Reg)(T)
Supersedes Draft Dated: 06/15/93

BAYLETON®

25% Wettable Powder

Systemic Fungicide

FOR CONTROL OF CERTAIN DISEASES ON FLOWERS, FOLIAGE PLANTS, SHRUBS, TURF, FRUIT, MELONS, VEGETABLES AND SHADE TREES.

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-butanone	25%
INERT INGREDIENTS	75%
	100%

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

EPA Reg. No. 3125-318

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

~~AVISO~~

Use Spanish synonym which does not clash with WPS guidelines

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, 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.)

For clarity's sake, use WPS Spanish statement.

BEST AVAILABLE COPY MILES 

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 25 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

3125-318

✓

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly

with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Vomiting should be induced. 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, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately.

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention.

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.

ENVIRONMENTAL HAZARDS

~~Do not use on crops grown for food or forage.~~ For terrestrial uses, 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. Apply this

product only as specified on this label.

Do not make applications when weather conditions favor drift from target area.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using BAYLETON 25% Wettable Powder 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.

Do not formulate this product into other end-use products.

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 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 2

5% Wettable Powder only through solid set irrigation systems. Do not apply this product through any other type of irrigation system.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back towards the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the areas intended for treatment.

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

If you have questions about calibration, 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 25% Wettable Powder, as determined under "Recommended 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.

**RECOMMENDED APPLICATIONS
TURF GRASS DISEASE CONTROL**

DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT*		REMARKS
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	Preventive 1	Curative -	PREVENTIVE RATE: Apply recommended rate on 30 day intervals. Protective activity of BAYLETON may extend for as long as 60 days dependent upon environmental conditions.
	0.5	-	PREVENTIVE RATE: (Except California): Apply recommended rate on 14 day intervals. Protective activity of BAYLETON may extend for as long as 30 days dependent upon environmental conditions.
	-	2	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Copper Spot (<i>Gloeocercospora sorghi</i>) Powdery Mildew (<i>Erysiphe graminis</i>) Corticium Red Thread (<i>Laetisaria fuciformis</i>) Rusts (<i>Puccinia</i> spp.) Brown Patch/ Rhizoctonia Blight (<i>Rhizoctonia solani</i>) (Suppression)	1	2	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 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.

RECOMMENDED APPLICATIONS (Continued) TURF GRASS DISEASE CONTROL			
DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT*		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 Rates 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.

RECOMMENDED APPLICATIONS (Continued) TURF GRASS DISEASE CONTROL		
DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT*	REMARKS
<i>Gaeumannomyces graminis</i> <i>var. graminis</i> (Such as Bermudagrass decline, take all patch on centipede grass) (Except California)	Preventive Curative 2 4	<p>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.</p> <p>PREVENTIVE RATE: Begin applications 2 to 4 weeks 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.</p> <p>CURATIVE RATE: To control existing infections, apply 4 oz at 14 to 21 day intervals for the initial 1 or 2 treatments followed by 2 oz at 21 to 28 day intervals. Cultural control practices such as aerification, topdressing, reseeding, and fertilization must be implemented prior to or at the same time the fungicide is applied. Refer to your local County Extension Service for this information.</p>
Gray Snow Mold/Typhula Blight (<i>Typhula incarnata</i>) (Except California)	Preventive Rates Only 4	Apply in 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 (<i>Microdochium nivalis</i>) (Except California)	2 to 4	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.
Gray Snow Mold/Typhula Blight (<i>Typhula incarnata</i>) Pink Snow Mold/ Fusarium Patch (<i>Microdochium nivalis</i>) (California only)	Single Application 5 to 8	Apply in late fall before first snow cover. Do not apply over snow cover. Use the high rate in areas with a history of severe snowmold damage.
Note: *Apply the specified amount of BAYLETON 25% Wettable Powder in 2 to 4 gallons of spray per 1,000 sq ft. For equivalent rates per acre see Conversion Table below. Make all applications after mowing and allow foliage to dry thoroughly before irrigation. Do not use clippings for animal feed.		

Conversion Table for BAYLETON 25% Wettable Powder

Oz per 1000 sq ft		Lb per Acre
1	=	2-3/4
2	=	5-1/2
4	=	11
5	=	13-3/4

ORNAMENTAL PLANT DISEASE CONTROL

PLANTS (Disease Controlled Reference)

DISEASES

Flowering & Foliage Plants

(Outdoor) (Except California)

Ageratum (2b, 3, 4)
 Aster (4)
 Begonia (3)
 Canna (4)
 Camellia (3, 4)
 Chrysanthemum (3, 4)
 Dahlia (3)
 Delphinium (3)
 Dianthus (4)
 Four O'Clock (4)
 Geranium (3, 4)
 Hollyhock (3, 4)
 Iris (2c)
 Marigold (2b, 4)
 Nephthytis (2a)
 Pansy (3, 4)
 Petunia (3, 4)
 Phlox (2b, 3, 4)
 Rose (3)
 Salvia (3, 4)
 Sedum (3)
 Snapdragon (3, 4)
 Sunflowers (3, 4)
 (ornamental only)
 Sweet peas (3)
 Zinnia (2b, 3)
 Shade Trees (Except California)
 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)

Hawaii Only

Dendrobium (1c)

California Only Recommendations

Azalea (1a, 3)
 Begonia (3)
 Cedar (2d)
 Grape myrtle (3)
 Euonymus (3)
 Geranium (3, 4)
 Hollyhock (3, 4)
 Iris (2c)
 Nephthytis (2a)
 Oak (3)
 Pine Trees (4, 5)
 Rose (3)
 Snapdragon (3, 4)
 Sweet peas (3)
 Sycamore (3)
 Viburnum (3)
 Willow (4)
 Zinnia (2b, 3)

Ornamental Shrubs & Trees

(Except California)

Amelanchier (3)
 Azalea (1a, 2f, 3)
 Barberry (3, 4)
 Buckthorn (4)
 Camellia (suppression of 1b)
 Cedar (2d)
 Crabapple (flowering) (3, 4)
 Grape myrtle (3)
 Dogwood (3)
 Euonymus (3)
 Gardenia (3)
 Hawthorn (3, 4)
 Hemlock (4a)
 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)

Flowering & Foliage Plants

(Greenhouse [D])

(Except California)

African Violet (3)
 Azalea (1a, 2f, 3)
 Calendula (3, 4)
 Camellia (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)
 Kalanchoe (3)
 Rose (3)
 Snapdragon (3, 4)

California Only Recommendations

Greenhouse [D]

African Violet (3)
 Camellia (3, 4)
 Chrysanthemum (3, 4)
 Geranium (3, 4)
 Grape Leaf Ivy (3)
 Rose (3)

(1) Flower Blight

- a) *Ovulinia* spp. [A]
- b) *Sclerotinia* spp. [A]
- c) *Collectotrichum* [A]

(2) Leaf Blight/Spots

- a) *Cephalosporium* spp. [C]
- b) *Cercospora* spp.
- c) *Didymella* spp. [B]
- d) *Didymascelle thujina* [G]
- e) *Entomosporium* spp. [C]
- f) *Erobisidium* spp. [E]

(3) Powdery Mildew

- Erysiphe* spp.
- Microsphaera* spp.
- Oidium* spp.
- Podosphaera* spp.
- Phyllactinia* spp.
- Sphaerotheca* spp.
- Uncinula* spp.

(4) Rusts

- a) *Coleosporium* spp.
- b) *Cronartium* spp. [B]
(Fusiform)
- c) *Gymnosporangium* spp.
- d) *Melampsora* spp. [F]
- e) *Melampsora farlowii* [A]
- f) *Melampsoridium* spp.
- g) *Peridermium* spp. [B]
- h) *Phragmidium andersonii*
- i) *Puccinia* spp.
- j) *Uromyces* spp.
- k) *Uredinopsis mirabilis* [A]

(5) Tip Blight

- Sirococcus strobilinus* [B]

DIRECTIONS FOR USE (Continued)

ORNAMENTAL PLANT DISEASE CONTROL (Continued):

APPLICATION RATES: Except as noted for specific diseases, mix 1 to 2 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full coverage foliage spray to the point of drip as needed.

- [A] Mix 4 to 8 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full-coverage foliar spray to the point of drip. Applications should begin at the expanded bud stage (color showing). Use multiple applications at 7 to 14 day intervals as needed dependent upon bloom periods.
- [B] Mix 8 ounces of BAYLETON 25% Wettable Powder plus sufficient spreader sticker for good coverage in 50 gallons of water. Apply in a spray application to the point of run-off on an as needed basis during the early part of the season. Excessive rates or excessive applications may result in a shortening of the flower stalk on iris.
- [C] Mix 4 to 8 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full coverage foliar spray to point of run-off. Apply in early spring as growth starts and re-apply on a 14 to 21 day interval until new growth is fully expanded. Protect new growth that develops in late summer or fall as temperatures begin to drop.
- [D] **Greenhouse Applications**
 Winter Use - 1 ounce of BAYLETON 25% Wettable Powder
 Summer Use - 2 ounces of BAYLETON 25% Wettable Powder

 Mix specified amount of BAYLETON 25% Wettable Powder in 50 gallons 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.

- [E] For control of *Exobasidium* flower and leaf gall, apply 2 ounces of BAYLETON 25% Wettable Powder in 50 gallons 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 16 ounces in 50 gallons 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 1 lb per acre in sufficient water to provide full coverage in nurseries, or 0.5 lb/100 gallons applied as a full coverage spray to ornamentals. Begin applications before disease appears in spring, and repeat at 60 day intervals through early fall.

RECOMMENDED APPLICATIONS FOR FRUIT, MELON AND VEGETABLES

BAYLETON 25 Wettable Powder should be applied as a dilute spray application using a hand or power pressurized sprayer capable of adequately and uniformly covering the plant and fruit surfaces. Apply the dilute spray mixture to the point of drip.

Consult your State Agricultural Experiment Station or Extension Service Specialist or Miles representative for guidance on the selection of specific dosage rates and timing of applications appropriate for your specific crop and disease. State regulations may contain additional restrictions or requirements. Check the Remarks and Restrictions sections of this label for additional directions.

BAYLETON 25% Wettable Powder

RECOMMENDED APPLICATIONS										
CROP	DISEASE	RATE OF BAYLETON 25% Wettable Powder	REMARKS (Also Refer to Directions for Use)							
Apples	Cedar-apple rust	<u>Grams/5 Gal¹</u> 1.4 to 5.6	Apply specified dosage per 5 gallons of water as a dilute spray applied to the point of drip.							
	Powdery mildew	(1 level teaspoonful to 4 1/2 level teaspoonfuls)	Make the first application at the green-tip stage and continue applications at 7- to 14-day intervals, or as needed until terminal growth ceases. Use the higher label rate under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. APPLICATION SCHEDULE * <table><tr><td><u>Rate (gms)</u></td><td><u>Maximum # of Applications</u></td></tr><tr><td>1.4</td><td>12</td></tr><tr><td>2.8</td><td>6</td></tr><tr><td>5.6</td><td>3</td></tr></table> * A maximum of 16.8 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 45 days prior to crop harvest.	<u>Rate (gms)</u>	<u>Maximum # of Applications</u>	1.4	12	2.8	6	5.6
<u>Rate (gms)</u>	<u>Maximum # of Applications</u>									
1.4	12									
2.8	6									
5.6	3									
Pears	Powdery mildew	<u>Grams/ 5 Gal¹</u> 1.4 to 5.6	Apply specified dosage per 5 gallons of water as a dilute spray applied to the point of drip.							
		(1 level teaspoonful to 4 1/2 level teaspoonfuls)	Make the first application at the budburst stage and continue applications at 7- to 14 day intervals, or as needed. Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. APPLICATION SCHEDULE * <table><tr><td><u>Rate (gms)</u></td><td><u>Maximum # of Applications</u></td></tr><tr><td>1.4</td><td>12</td></tr><tr><td>2.8</td><td>6</td></tr><tr><td>5.6</td><td>3</td></tr></table> * A maximum of 16.8 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 45 days prior to crop harvest.	<u>Rate (gms)</u>	<u>Maximum # of Applications</u>	1.4	12	2.8	6	5.6
<u>Rate (gms)</u>	<u>Maximum # of Applications</u>									
1.4	12									
2.8	6									
5.6	3									

¹ Rates of BAYLETON 25% Wettable Powder are based on a standard of 400 gallons of dilute spray solution per acre.

¹ Rates of BAYLETON 25% Wettable Powder are based on a standard of 400 gallons of dilute spray solution per acre.

RECOMMENDED APPLICATIONS													
CROP	DISEASE	RATE OF BAYLETON 25% Wettable Powder	REMARKS (Also Refer to Directions for Use)										
Grapes	Powdery mildew	<u>Grams/5 Gal²</u> 2.8 to 8.5 (2 1/4 level teaspoonfuls to 6 1/2 level teaspoonfuls)	GENERAL COMMENTS Apply specified dosage in 5 gallons of water as a dilute spray applied to the point of drip. Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. Vines should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. APPLICATION SCHEDULE* <table><tr><th><u>Rate (gm)</u></th><th><u># of Applications</u></th></tr><tr><td>2.8</td><td>9</td></tr><tr><td>4.2</td><td>6</td></tr><tr><td>5.6</td><td>4</td></tr><tr><td>8.5</td><td>3</td></tr></table> *A maximum of 25.5 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 14 days before harvest. POWDERY MILDEW: Make the first application pre-bloom and continue applications at 14- to 21-day intervals, or as needed. BLACK ROT Protective Schedule: Make the first application at 10-inch green shoot and continue applications at 7- to 14-day intervals through 5°Brix stage or until veraison (berry coloring) is complete. Under severe disease conditions and/or on highly susceptible varieties, make applications at 7-day intervals. Post-infection Schedule: During bloom apply within 72 hours after the beginning of an infection period. Do not make spray applications any closer than 7-day intervals. After bloom, continue applications at rates of 2.8 to 4.2 grams of BAYLETON 25% Wettable Powder per 5 gallons of water at 7- to 14-day intervals, or as needed to maintain control.	<u>Rate (gm)</u>	<u># of Applications</u>	2.8	9	4.2	6	5.6	4	8.5	3
	<u>Rate (gm)</u>	<u># of Applications</u>											
	2.8	9											
4.2	6												
5.6	4												
8.5	3												
Black rot	Protective Schedule 2.8 to 4.2 (2 1/4 level teaspoonful to 3 1/4 level teaspoonfuls)	Post-infection 4.2 to 5.6 (3 1/4 level teaspoonfuls to 4 1/2 level teaspoonfuls)											

² Rates of BAYLETON 25% Wettable Powder are based on a standard of 200 gallons of dilute spray solution per acre.

RECOMMENDED APPLICATIONS											
CROP	DISEASE	RATE OF BAYLETON 25% Wettable Powder	REMARKS (Also Refer to Directions for Use)								
Cucurbits [Balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, gourds, edible melons including hybrids (including cantaloupe, casaba, crenshaw, honeydew melons, honey balls, mango melon muskmelon Persian melon), pumpkin squash, summer squash, winter watermelon, including hybrids]	Powdery mildew (<i>Erysiphe cichoracearum</i>)**	<u>Grams/5 Gal³</u> 5.6 to 11.4 (4 1/2 level teaspoonfuls to 3 level tablespoonfuls).	Apply specified dosage per 5 gallons of water and apply as a dilute spray application to the point of drip. Begin the spray applications when disease symptoms first appear. Repeat at 14-day intervals to maintain control if new disease symptoms appear. Under severe disease conditions use the 11.4 gram rate. APPLICATION SCHEDULE* <table border="1"> <tr> <th>Rate(gm)</th><th>Maximum # of Applications</th></tr> <tr> <td>5.6</td><td>8</td></tr> <tr> <td>8.4</td><td>5</td></tr> <tr> <td>11.2</td><td>4</td></tr> </table> *A maximum of 45.6 grams (1.6 oz) of BAYLETON 25% Wettable Powder may be applied per season. Applications may be made up to one day of harvest. ** BAYLETON 25% Wettable Powder will not give commercially acceptable control of <i>Sphaerotheca fuliginea</i> .	Rate(gm)	Maximum # of Applications	5.6	8	8.4	5	11.2	4
Rate(gm)	Maximum # of Applications										
5.6	8										
8.4	5										
11.2	4										

³ Rates of BAYLETON 25% Wettable Powder are based on a standard of 100 gallons of dilute spray solution per acre.

³ Rates of BAYLETON 25% Wettable Powder are based on a standard of 100 gallons of dilute spray solution per acre.

Amount of BAYLETON 25% Wettable Powder to Use in Volume of Water				
Gallons of Water				
50	25	10	5	1
.5 oz	7 gm	2.8 gm	1.4 gm	.3 gm
1 oz	.5 oz	5.7 gm	2.8 gm	.6 gm
2 oz	1 oz	11.3 gm	5.6 gm	1.1 gm
3 oz	1.5 oz	17.0 gm	8.4 gm	1.7 gm
4 oz	2 oz	.8 oz	11.2 gm	2.3 gm
8 oz	4 oz	1.6 oz	.8 oz	4.5 gm
1/4 level teaspoonful equals 0.3 grams 1/2 level teaspoonful equals 0.6 grams 1 level teaspoonful equals 1.3 grams 1 level tablespoonful equals 4 grams 3 level teaspoonfuls equals 1 level tablespoonful 28.35 grams equals 1 oz				

DIRECTIONS FOR USE (Continued)

COMPATIBILITY: BAYLETON is compatible with many registered insecticides and fungicides. To determine the compatibility of BAYLETON 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 may affect the result. Contact local university extension personnel prior to use of spray mix additives.

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

ROTATIONAL CROPS

Sweet corn, beans, peas and cucurbits may be planted 35 days after the last application of BAYLETON. Root crops may be planted 120 days after the last application. Any

crop may be planted 12 months or later after the last application of BAYLETON without any restrictions.

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.
Specialty Products
Box 4913, Kansas City, Mo 641 00-013

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly

with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Vomiting should be induced. 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, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately.

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention.

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.

ENVIRONMENTAL HAZARDS

~~Do not use on crops grown for food or forage.~~ For terrestrial uses, 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. Apply this

product only as specified on this label.

Do not make applications when weather conditions favor drift from target area.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using BAYLETON 25% Wettable Powder 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.

Do not formulate this product into other end-use products.

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 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 2

5% Wettable Powder only through solid set irrigation systems. Do not apply this product through any other type of irrigation system.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back towards the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the areas intended for treatment.

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

If you have questions about calibration, 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 25% Wettable Powder, as determined under "Recommended 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.

**RECOMMENDED APPLICATIONS
TURF GRASS DISEASE CONTROL**

DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT*		REMARKS
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	Preventive 1	Curative -	PREVENTIVE RATE: Apply recommended rate on 30 day intervals. Protective activity of BAYLETON may extend for as long as 60 days dependent upon environmental conditions.
	0.5	-	PREVENTIVE RATE: (Except California): Apply recommended rate on 14 day intervals. Protective activity of BAYLETON may extend for as long as 30 days dependent upon environmental conditions.
	-	2	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
Copper Spot (<i>Gloeocercospora sorghi</i>), Powdery Mildew (<i>Erysiphe graminis</i>) Corticium Red Thread (<i>Laetisaria fuciformis</i>) Rusts (<i>Puccinia</i> spp.) Brown Patch/ Rhizoctonia Blight (<i>Rhizoctonia solani</i>) (Suppression)	1	2	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 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.

RECOMMENDED APPLICATIONS (Continued) TURF GRASS DISEASE CONTROL			
DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT *		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 Rates 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.

BAYLETON 25% Wettable Powder

RECOMMENDED APPLICATIONS (Continued) TURF GRASS DISEASE CONTROL		
DISEASE	OZ OF BAYLETON 25% WP PER 1,000 SQUARE FOOT*	REMARKS
<i>Gaeumannomyces graminis</i> var. <i>graminis</i> (Such as Bermudagrass decline, take all patch on centipede grass) (Except California)	Preventive Curative 2 4	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 2 to 4 weeks 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. CURATIVE RATE: To control existing infections, apply 4 oz at 14 to 21 day intervals for the initial 1 or 2 treatments followed by 2 oz at 21 to 28 day intervals. Cultural control practices such as aerification, topdressing, reseeding, and fertilization must 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 <i>(Typhula incarnata)</i> (Except California)	Preventive Rates Only 4	Apply in 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 <i>(Microdochium nivalis)</i> (Except California)	2 to 4	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.
Gray Snow Mold/Typhula Blight <i>(Typhula incarnata)</i> Pink Snow Mold/ Fusarium Patch <i>(Microdochium nivalis)</i> (California only)	Single Application 5 to 8	Apply in late fall before first snow cover. Do not apply over snow cover. Use the high rate in areas with a history of severe snowmold damage.
Note: *Apply the specified amount of BAYLETON 25% Wettable Powder in 2 to 4 gallons of spray per 1,000 sq ft. For equivalent rates per acre see Conversion Table below. Make all applications after mowing and allow foliage to dry thoroughly before irrigation. Do not use clippings for animal feed		

Conversion Table for BAYLETON 25% Wettable Powder

Oz per 1000 sq ft		Lb per Acre
1	=	2 3/4
2	=	5 1/2
4	=	11
5	=	13 3/4

ORNAMENTAL PLANT DISEASE CONTROL

PLANTS (Disease Controlled Reference)

DISEASES

Flowering & Foliage Plants

(Outdoor) (Except California)

Ageratum (2b, 3, 4)
 Aster (4)
 Begonia (3)
 Canna (4)
 Carnation (3, 4)
 Chrysanthemum (3, 4)
 Dahlia (3)
 Delphinium (3)
 Dianthus (4)
 Four O'Clock (4)
 Geranium (3, 4)
 Hollyhock (3, 4)
 Iris (2c)
 Marigold (2b, 4)
 Nephthytis (2a)
 Pansy (3, 4)
 Petunia (3, 4)
 Phlox (2b, 3, 4)
 Rose (3)
 Salvia (3, 4)
 Sedum (3)
 Snapdragon (3, 4)
 Sunflowers (3, 4)
 (ornamental only)
 Sweet peas (3)
 Zinnia (2b, 3)
 Shade Trees (Except California)
 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)

Hawaii Only

Dendrobium (1c)

California Only Recommendations

Azalea (1a, 3)
 Begonia (3)
 Cedar (2d)
 Grape myrtle (3)
 Euonymus (3)
 Geranium (3, 4)
 Hollyhock (3, 4)
 Iris (2c)
 Nephthytis (2a)
 Oak (3)
 Pine Trees (4, 5)
 Rose (3)
 Snapdragon (3, 4)
 Sweet peas (3)
 Sycamore (3)
 Viburnum (3)
 Willow (4)
 Zinnia (2b, 3)

Ornamental Shrubs & Trees

(Except California)

Amelanchier (3)
 Azalea (1a, 2f, 3)
 Barberry (3, 4)
 Buckthorn (4)
 Camellia (suppression of 1b)
 Cedar (2d)
 Crabapple (flowering) (3, 4)
 Grape myrtle (3)
 Dogwood (3)
 Euonymus (3)
 Gardenia (3)
 Hawthorn (3, 4)
 Hemlock (4a)
 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)

Flowering & Foliage Plants

(Greenhouse (D))

(Except California)

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)
 Desinella spp.
 Geranium (3, 4)
 Gerbera (3)
 Grape Leaf Ivy (3)
 Kalanchoe (3)
 Rose (3)
 Snapdragon (3, 4)

California Only Recommendations

Greenhouse (D)
 African Violet (3)
 Carnation (3, 4)
 Chrysanthemum (3, 4)
 Geranium (3, 4)
 Grape Leaf Ivy (3)
 Rose (3)

(1) Flower Blight

- a) *Ovulinia* spp. [A]
- b) *Sclerotinia* spp. [A]
- c) *Collectotrichum* [A]

(2) Leaf Blight/Spots

- a) *Cephalosporium* spp. [C]
- b) *Cercospora* spp.
- c) *Didymella* spp. [B]
- d) *Didymascella thujina* [G]
- e) *Entomosporium* spp. [C]
- f) *Exobasidium* spp. [E]

(3) Powdery Mildew

- Erysiphe* spp.
- Microsphaera* spp.
- Oidium* spp.
- Podosphaera* spp.
- Phyllosticta* spp.
- Sphaerotheca* spp.
- Uncinula* spp.

(4) Rusts

- a) *Coleosporium* spp.
- b) *Cronartium* spp. [B]
- (Fusiform)
- c) *Gymnosporangium* spp.
- d) *Melampsora* spp. [F]
- e) *Melampsora farlowii* [A]
- f) *Melampsoridium* spp.
- g) *Peridermium* spp. [B]
- h) *Phragmidium andersonii*
- i) *Puccinia* spp.
- j) *Uromyces* spp.
- k) *Uredinopsis mirabilis* [A]

(5) Tip Blight

- Sirococcus strobilinus* [B]

DIRECTIONS FOR USE (Continued)

ORNAMENTAL PLANT DISEASE CONTROL (Continued):

APPLICATION RATES: Except as noted for specific diseases, mix 1 to 2 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full coverage foliage spray to the point of drip as needed.

[A] Mix 4 to 8 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full-coverage foliar spray to the point of drip. Applications should begin at the expanded bud stage (color showing). Use multiple applications at 7 to 14 day intervals as needed dependent upon bloom periods.

[B] Mix 8 ounces of BAYLETON 25% Wettable Powder plus sufficient spreader sticker for good coverage in 50 gallons of water. Apply in a spray application to the point of run-off on an as needed basis during the early part of the season. Excessive rates or excessive applications may result in a shortening of the flower stalk on iris.

[C] Mix 4 to 8 ounces of BAYLETON 25% Wettable Powder in 50 gallons of water and apply as a full coverage foliar spray to point of run-off. Apply in early spring as growth starts and re-apply on a 14 to 21 day interval until new growth is fully expanded. Protect new growth that develops in late summer or fall as temperatures begin to drop.

[D] **Greenhouse Applications**
Winter Use - 1 ounce of BAYLETON 25% Wettable Powder
Summer Use - 2 ounces of BAYLETON 25% Wettable Powder

Mix specified amount of BAYLETON 25% Wettable Powder in 50 gallons 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.

[E] For control of *Exobasidium* flower and leaf gall, apply 2 ounces of BAYLETON 25% Wettable Powder in 50 gallons 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 16 ounces in 50 gallons 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 1 lb per acre in sufficient water to provide full coverage in nurseries, or 0.5 lb/100 gallons applied as a full coverage spray to ornamentals. Begin applications before disease appears in spring, and repeat at 60 day intervals through early fall.

RECOMMENDED APPLICATIONS FOR FRUIT, MELON AND VEGETABLES

BAYLETON 25 Wettable Powder should be applied as a dilute spray application using a hand or power pressurized sprayer capable of adequately and uniformly covering the plant and fruit surfaces. Apply the dilute spray mixture to the point of drip.

Consult your State Agricultural Experiment Station or Extension Service Specialist or Miles representative for guidance on the selection of specific dosage rates and timing of applications appropriate for your specific crop and disease. State regulations may contain additional restrictions or requirements. Check the Remarks and Restrictions sections of this label for additional directions.

BAYLETON 25% Wettable Powder

RECOMMENDED APPLICATIONS										
CROP	DISEASE	RATE OF BAYLETON 25% Wettable Powder	REMARKS (Also Refer to Directions for Use)							
Apples	Cedar-apple rust	<u>Grams/5 Gal¹</u> 1.4 to 5.6	Apply specified dosage per 5 gallons of water as a dilute spray applied to the point of drip.							
	Powdery mildew	(1 level teaspoonful to 4 1/2 level teaspoonfuls)	Make the first application at the green-tip stage and continue applications at 7- to 14-day intervals, or as needed until terminal growth ceases. Use the higher label rate under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. APPLICATION SCHEDULE * <table><tr><th><u>Rate (gms)</u></th><th><u>Maximum # of Applications</u></th></tr><tr><td>1.4</td><td>12</td></tr><tr><td>2.8</td><td>6</td></tr><tr><td>5.6</td><td>3</td></tr></table> * A maximum of 16.8 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 45 days prior to crop harvest.	<u>Rate (gms)</u>	<u>Maximum # of Applications</u>	1.4	12	2.8	6	5.6
<u>Rate (gms)</u>	<u>Maximum # of Applications</u>									
1.4	12									
2.8	6									
5.6	3									
Pears	Powdery mildew	<u>Grams/5 Gal¹</u> 1.4 to 5.6	Apply specified dosage per 5 gallons of water as a dilute spray applied to the point of drip.							
		(1 level teaspoonful to 4 1/2 level teaspoonfuls)	Make the first application at the budburst stage and continue applications at 7- to 14 day intervals, or as needed. Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. APPLICATION SCHEDULE * <table><tr><th><u>Rate (gms)</u></th><th><u>Maximum # of Applications</u></th></tr><tr><td>1.4</td><td>12</td></tr><tr><td>2.8</td><td>6</td></tr><tr><td>5.6</td><td>3</td></tr></table> * A maximum of 16.8 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 45 days prior to crop harvest.	<u>Rate (gms)</u>	<u>Maximum # of Applications</u>	1.4	12	2.8	6	5.6
<u>Rate (gms)</u>	<u>Maximum # of Applications</u>									
1.4	12									
2.8	6									
5.6	3									

¹ Rates of BAYLETON 25% Wettable Powder are based on a standard of 400 gallons of dilute spray solution per acre.

¹ Rates of BAYLETON 25% Wettable Powder are based on a standard of 400 gallons of dilute spray solution per acre.

BAYLETON 25% Wettable Powder

RECOMMENDED APPLICATIONS													
CROP	DISEASE	RATE OF BAYLETON 25% Wettable Powder	REMARKS (Also Refer to Directions for Use)										
Grapes	Powdery mildew	<u>Grams/5 Gal²</u> 2.8 to 8.5 (2 1/4 level teaspoonfuls to 6 1/2 level teaspoonfuls)	GENERAL COMMENTS Apply specified dosage in 5 gallons of water as a dilute spray applied to the point of drip. Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties. Vines should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. APPLICATION SCHEDULE* <table><tr><th>Rate (gm)</th><th># of Applications</th></tr><tr><td>2.8</td><td>9</td></tr><tr><td>4.2</td><td>6</td></tr><tr><td>5.6</td><td>4</td></tr><tr><td>8.5</td><td>3</td></tr></table> *A maximum of 25.5 grams of BAYLETON 25% Wettable Powder may be applied per season. BAYLETON 25% Wettable Powder may be applied up to 14 days before harvest. POWDERY MILDEW: Make the first application pre bloom and continue applications at 14- to 21-day intervals, or as needed.	Rate (gm)	# of Applications	2.8	9	4.2	6	5.6	4	8.5	3
	Rate (gm)	# of Applications											
	2.8	9											
4.2	6												
5.6	4												
8.5	3												
Black rot	Protective Schedule 2.8 to 4.2 (2 1/4 level teaspoonful to 3 1/4 level teaspoonfuls)	Post-infection 4.2 to 5.6 (3 1/4 level teaspoonfuls to 4 1/2 level teaspoonfuls)	BLACK ROT Protective Schedule: Make the first application at 10 inch green shoot and continue applications at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Under severe disease conditions and/or on highly susceptible varieties, make applications at 7-day intervals. Post-infection Schedule: During bloom apply within 72 hours after the beginning of an infection period. Do not make spray applications any closer than 7 day intervals. After bloom, continue applications at rates of 2.8 to 4.2 grams of BAYLETON 25% Wettable Powder per 5 gallons of water at 7- to 14-day intervals, or as needed to maintain control.										

² Rates of BAYLETON 25% Wettable Powder are based on a standard of 200 gallons of dilute spray solution per acre.