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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

OCT 9 1998

Judith K. Lemm
Manager, Regulatory Affairs
Rockland Corporation
P.O. Box 809
West Caldwell, NJ 07007-0809

Subject: Adjustment of Rates
Rockland Ornamental Fungicide with Bayleton
EPA Reg. No. 572-354
Your Submission Dated August 20, 1998

Dear Ms. Lemm:

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Under the COMPATIBILITY section of the label, change the second sentence to read "To determine the compatibility of Ornamental Fungicide with specific products"
 - b. Under the RESTRICTIONS section, the word "apples" in the second sentence is misspelled.
2. Submit one (1) copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Giles-Parker".

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

Best Available Copy

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Prolonged or frequently repeated skin contact may cause allergic skin reaction in some individuals. 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 apply directly to water or to areas where surface water is present or to riparian areas below the mean high water mark, so not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Do not make applications when weather conditions favor drift from target area.

For directions for use, storage and disposal, read supplemental labeling accompanying this container.
Manufactured by
Rockland Corporation 425422
Ayer, Duxbury, MA 02205, U.S.A. 02550
EPA Reg. No. 572-284 EPA Est. No. 572-N-0000



Rockland Ornamental Fungicide

With Bayleton®



For Control of Certain Diseases on Flowers, Lawns, Shrubs, and Shade Trees

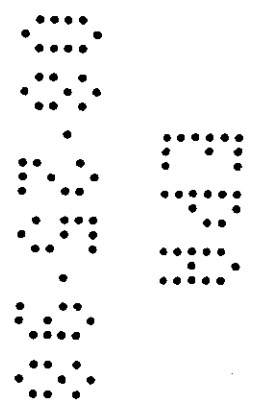
ACTIVE INGREDIENTS:	KEEP OUT OF REACH OF CHILDREN
1-(4-Chlorophenoxy)-3-(3-dimethyl-2-butyl-1H-imidazol-2-yl)propan-2-ol 25%	CAUTION
INERT INGREDIENTS 75%	See Rear Panel for Complete Precautionary Statements. Do not use on plants being grown for sale or other commercial use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantcases, ornamental gardens, yard or home gardens or on golf courses or lawns and grounds.
U.S. Patent No. 3,912,752	
Net Weight 2 Quarts	
Bayleton is a Registered Trademark of Bayer AG	

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

OCT 9 1998

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

572-354



Rockland Ornamental Fungicide with Bayleton®

For Control of Certain diseases on Flowers, Shrubs, Shade
Trees and Ornamentals

ACTIVE INGREDIENT:

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

INERT INGREDIENTS.....75%
100%

STOP-READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN - CAUTION

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:

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.

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ENVIRONMENTAL HAZARDS: Do not apply directly to water, or 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. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Do not make applications when weather conditions favor drift from target area.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product.

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, parks or home gardens or on golf courses or lawns and grounds.

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. ROCKLAND 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 ROCKLAND AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

APPLICATION: Rockland 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 min. 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. DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

See Charts For Application Rates And Diseases Controlled.

COMPATIBILITY: Rockland Ornamental Fungicide is compatible with many registered insecticides and fungicides. To determine the compatibility of ornamental fungicide this product 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 remixed 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 Ornamental Fungicide 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.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. 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 below. In spill or leak incidents, keep unauthorized people away. You may contact Chemtrec at 800-424-9300 for decontamination procedures or any other assistance that may be necessary.

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

WARRANTY: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions

Manufactured by :

EPA Reg. No. 572-354

Rockland Corporation

EPA Est. No. 572-NJ-1

West Caldwell, NJ 07006

Product A 36502 0698

"BAYLETON" is a Registered Trademark of Bayer Ag.

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. 484

PLANTS	Diseases
Flowering & Foliage Plants (Outdoor)	(1) Flower Blight
Ageratum (2b,3,4)	(a) <i>Ovulinia</i> spp. [A]
Aster (4)	(b) <i>Sclerotinia</i> spp. [A]
Begonia* (3)	(c) <i>Collectotrichum</i> [A]
Canna (4)	
Carnation (3,4)	(2) Leaf Blight/Spots
Chrysanthemum (3,4)	(a) <i>Cephalosporium</i> spp. [C]
Dahlia (3)	(b) <i>Cerocospora</i> spp.
Delphinium (3)	(c) <i>Didymellina</i> spp. [B]
Dianthus (4)	
Four O'Clock (4)	(d) <i>Entomosporium</i> spp. [C]
Geranium* (3,4)	(e) <i>Exobasidium</i> spp. [E]
Hollyhock* (3,4)	
Hydrangea (3)	(3) Powdery Mildew
Iris* (2c)	<i>Erysiphe</i> spp.
Marigold (2b,4)	<i>Microsphaera</i> spp.
Nephtytis* (2a)	<i>Oidium</i> spp.
Pansy (3,4)	<i>Podosphaera</i> spp.
Petunia (3,4)	<i>Phyllactinia</i> spp.
Phlox (2b,3,4)	<i>Sphaerotheca</i> spp.
Poinsettia (3)	<i>Uncinula</i> spp.
Rose* (3)	(4) Rusts
Salvia (3,4)	(a) <i>Coleosporium</i> spp.
Sedum (3)	(b) <i>Cronartium</i> spp [B]
Snapdragon* (3,4)	(Fusiform)
Sunflowers(3,4)(ornamental only)	(c) <i>Gymnosporangium</i> spp.
Sweet Peas* (3)	(d) <i>Melampsora</i> spp [F]
Tonnia* (2b,3)	(e) <i>Melampsora farlowii</i> [A]
	(f) <i>Melampsordium</i> spp.
	(g) <i>Peridesmium</i> spp. [B]
	(h) <i>Phragmidium andersonii</i>
	(i) <i>Puccinia</i> spp.
	(j) <i>Uromyces</i> spp.
	(k) <i>Uredinopsis mirabilis</i> [A]
	(5) Tip Blight
	<i>Sirococcus strobilinus</i> [B]
Ornamental Shrubs & Trees	
Amelanchier (3)	
Azalea* (3)	
Barberry (3,4)	
Buckthorn (4)	
Camellia (Suppres. 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)	
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)	

Application Rates: Except as noted for specific diseases, mix 1/4 tsp. to 1/2 tsp. of Ornamental Fungicide per gallon of water (1 to 2 ounces in 50 gallons of water) and apply as a full coverage foliage spray to the point of drip as needed.

[A] Mix 1 tsp. to 1.85 tsp. of Rockland Ornamental Fungicide in 1 gal. of water (4 to 8 ounces 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 1.85 tsp. of Rockland Ornamental Fungicide plus sufficient spreader sticker for good coverage in 1 gallon of water (8 ounces 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 1 tsp to 1.85 tsp of Rockland Ornamental Fungicide in 1 gallon of water (4 to 8 ounces 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] Non-commercial Greenhouse Applications: Winter use- 1/4 tsp of Ornamental Fungicide in 1 gallon of water (1 oz in 50 gallons of water). Summer Use - 1/2 tsp of Rockland Ornamental Fungicide in 1 gallon of water (2 ounces in 50 gallons of water).

[E] For control of *Exobasidium* flower and leaf gall, apply 1/2 tsp. of Rockland Ornamental Fungicide in 1 gallon of water (2 ounces in 50 gallons of water). Begin application at bud break and apply at 10 day intervals through infestation period.

NOTE CONVERSION: 28.35 grams = 1 oz. 2.43 grams = 1 level teaspoonful 11.7 level teaspoons = 1 oz.

Rate revision per Bayer conversion to tsp /gal at 2.43 gms/teaspoon. 6/98