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Amvac Chemical Corporation
 4100 East Washington Boulevard
 Los Angeles, CA 90023

15 tabs

Attention: H. R. McLane

Gentlemen:

Subject: Systemic Fungicide
 EPA Registration No. 5481-138
 Your Letter Dated September 17, 1985

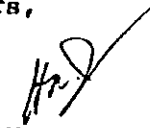
The labeling referred to above, submitted with an amendment application of April 29, 1985, under the label improvement program, is acceptable subject to the following comments.

1. Add the following pesticide disposal statement: "Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility."
2. Add to the container disposal statement the following: "Securely wrap original container in several layers of newspaper and discard in trash."

Submit five (5) copies of the finished labeling when printing is completed.

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

Sincerely yours,


 Henry M. Jacoby
 Product Manager (21)
 Fungicide-Herbicide Branch
 Registration Division (TS-767)

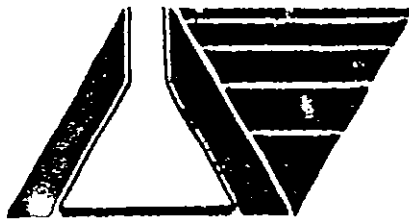
Enclosure

88833:Fields:RD-07:KENCO:12/10/85:12/19/85:dej:VO

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

CONFILE B:54SYSFUN.LAB #1
EPA REG. NO 5481-138
L.I.P.



ACCEPTED
with COMMENTS
in EPA Letter Dated:

A L C O S Y S T E M I JAN 15 1986

F U N G I C I D E

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

5481-138

For Ornamentals, Turf, Melons, Squash and Stone Fruits

1 OUNCE TREATS UP TO 1000 SQ.FT. OF TURF OR
MAKES UP TO 12 GALLONS OF SPRAY MIX FOR ORNAMENTALS

ACTIVE INGREDIENT:

BENOMYL [Methyl 1-(butylcarbamoyl)-
2-benzimidazolecarbamate]

BENOMYL [Methyl 1-(butylcarbamoyl)- 2-benzimidazolecarbamate]	50%
INERT INGREDIENTS:	50%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENTS

- IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
- IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.
- IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
SEE ATTACHED BROCHURE FOR ADDITIONAL CAUTIONS AND USE DIRECTIONS.

EPA REG. NO. 5481-138

EPA EST. NO. 5431-CA-1

NET WEIGHT 3 OUNCES (8 OUNCES)

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. - LOS ANGELES, CA 90023

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May irritate eyes, nose, throat and skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after using.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from fire or open heat.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store product in original labeled container in a cool, dry, locked place out or reach of children. Do not allow this product to become wet in storage. This may lead to certain chemical changes which will reduce its effectiveness. Keep container tightly closed when not in use.
DISPOSAL: Do not re-use empty container. Wrap and put in trash.

IMPORTANT

Before using this product read and carefully observe the precautionary statements and all other information appearing on the product label and accompanying printed matter.

printers note[THE FOLLOWING DIRECTIONS FOR USE (Pages 2,3 & 4) WILL APPEAR ON "ATTACHED SUPPLEMENTAL LABELING" FOR THE 3 OUNCE SIZE PRODUCT].

ALCO SYSTEMIC FUNGICIDE

ALCO SYSTEMIC FUNGICIDE: Refer to labeled container for complete Ingredient and Precautionary Statements. EPA REG. NO. 5481-138-AA.

This product provides curative (eradicator) action and residual protection against certain fungus diseases. Use this product only in accordance with the directions on this label. Continuous agitation is required to keep the material in suspension.

FOR CONTROL OF CERTAIN TURFGRASS DISEASES.

Add the following amounts found in the chart below to 2 to 5 gals. of water. Add a suitable approved wetting agent to the mixture and spray to cover 1000 sq.ft. of turf or as indicated.

1 OUNCE OF THIS PRODUCT IS EQUIVALENT TO 6 LEVEL TABLESPOONFULS.

TREAT AT THE FOLLOWING RATES

- DOLLAR SPOT:(Sclerotinia homocarpa) - 1 Ounce / 1,000 Sq.Ft
- LARGE BROWN PATCH: (Rhizoctonia solani)- 2 Ounces/ 1,000 Sq.Ft.
- FUSARIUM PATCH: (Fusarium nivale) - 2 Ounces/ 1,000 Sq.Ft.
- FUSARIUM BLIGHT: (Fusarium roseum) and (Fusarium tricinctum) - *1 to 1 1/2 Oz. /200 Sq.Ft. (Equivalent to 5 to 8 Oz./1,000 Sq.Ft.)

.....(Continued on page 3).....

TURFGRASS DISEASES (Cont.)

*Use the lower rate as a protective spray and the higher rate as curative. Start treatments when the disease is anticipated or as first damage occurs. Repeat at 10 to 14 day intervals for as long as necessary. When conditions are unusually favorable for development of disease, reduce interval to 5 to 7 days. Do not graze or feed clippings from treated area to livestock.

FOR CONTROL OF CERTAIN DISEASES OF ORNAMENTALS

This product is recommended as a foliar spray for control of many foliar diseases and as a plant drench for control of certain stem, crown and root diseases of ornamental plants.

HOW TO USE: Except as noted begin applications when diseases first appear. Apply 1 level tablespoonful per 2 gallons of water for the control of Powder Mildew and Botrytis Gray Mold. Use 1 level tablespoonful per gallon for control of Anthracnose (begin applications at bud break), Cercospora Entomosporium, Ramularia and Septoria leafspots; Ascochyta and Phomospsis blights. The higher rate also controls Black Spot on Roses. Didymellina leafspot of Iris, Corynespora leafspot of Ligustrum, Ovulinia & Sclerotinia blight of Azalea and Rhododendron (make applications at flower opening), and Scab of Pyracantha and Flowering Crab. Repeat applications at 10-14 day intervals throughout growing season; use shorter interval during humid, rainy weather.

Use sufficient water to thoroughly wet foliage. Addition of a suitable approved Wetting Agent to the spray mixture enhances curative action of the fungicide and improves distribution of the spray on hard-to-wet plants such as Roses.

PLANT DRENCH. Apply a suspension of 1 level tablespoonful / gallon of water as a drench or heavy spray to plants after transplanting into propagation beds or containers, utilizing porous growing medium. Use 1 to 2 pints per square foot of bed container surface for control of Stem, Crown and Root Rots caused by Rhizoctonia, Fusarium, Sclerotinia or Botrytis on herbaceous annuals, perennials and bedding plants, Use the same rate for the control of Cylindrocladium and Thielaviopsis rots on Woody Ornamentals such as Azaleas, Rhododendron, Conifers and Poinsettias. Repeat application at 2 to 4 week intervals during disease pressure periods.

As an optional treatment, plants or cuttings may be dipped for 10 to 15 minutes in a suspension of 1 level tablespoonful per gallon of water prior to transplanting and subsequent drench treatments.

NOTE: This product does not control Pythium or Phytophthora. For control of these disease, consult your local Agricultural Extension Service for recommendations.

BULBS: (Easter Lily, Gladiolus, Daffodil, Iris): Fusarium and Penicillium Rots- Use 2 level tablespoonfuls per gallon of water. Soak cleaned bulbs for 15 to 30 minutes in warm dip (80 to 85 degrees F) preferable within 48 hours after digging. Dry bulbs after treatment. If bulbs are for forcing, treat after bulbs have been heat cured.

EPA REG. NO. 5481-138 ALCO SYSTEMIC FUNGICIDE

VEGETABLES: For Control of Certain Diseases of Cucumbers, Melons, Summer and Winter Squash: Gummy Stem Blight and Powdery Mildew, Anthracnose - apply 1/2 to 1 level teaspoonful per 900 Sq. Ft. using sufficient water to obtain thorough coverage of the plants. Begin applications when plants begin to run or when disease first appears and repeat at 7 to 14 day intervals as needed. Under conditions of severe disease pressure, use the higher rate & apply at 7 day intervals or as needed.

STONE FRUITS: For the Control of Certain Diseases of Stone Fruits. This product is recommended for use on PEACHES, NECTARINES, APRICOTS, CHERRIES, PRUNES AND PLUMS for the control of Brown Rot Blossom Blight, Fruit Brown Rot, Peach Scab, Powdery Mildew, Cherry Leaf Spot and Post Harvest Fruit Rots. Apply this product by using sufficient volume of spray to provide thorough coverage. Apply at the following rates:

BROWN ROT BLOSSOM BLIGHT, FRUIT BROWN ROT -Apply 1 level tablespoonful per gallon of water (in combination with dormant oil) as a delayed dormant treatment prior to bud break. Use 1 level tablepoonful per 2 gallons water at early bloom (popcorn, red bud or green tip) and at full bloom. Beginning three weeks before harvest, apply 1 or 2 additional sprays of 1 level table- spoonful per 2 gallons water.

PEACH SCAB -Use same schedule as for Brown Rot, plus applications of 1 level tablespoonful per 2 gallons water at shuck split and shuck fall. (Two Sprays)

POWDERY MILDEW -Use same schedule as for Brown Rot, plus one application of 1 level tablespoonful per gallon water at shuck split and first cover spray. (Two Sprays)

CHERRY LEAF SPOT - Use same schedule as for Brown Rot, plus a single application of 1 level tablespocnful per 2 gallons water 2 to 3 weeks after harvest.

POST HARVEST FRUIT ROTS - Dip or spray fruit thoroughly as soon as possible after harvest using 1 level tablespoonful per 2 gallons of water. This treatment does not control fruit rots caused by Rhizopus spp. or Alternaria.

NOTE Do not graze livestock in treated Stone Fruit Orchards.

RESISTANT FUNGUS STRAINS MAY BE PRESENT

IMPORTANT: If treatment is not effective following use of this product as recommended, a resistant strain of the fungus may be present. If treatment is ineffective due to the presence of a benomyl resistant strain, then neither this product nor any other benzimidazole or thiophanate type fungicide will effectively control that disease; consideration should be given to prompt use of other types of suitable fungicides.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.