



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

MAR 14 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

H. R. McLane  
AMVAC CHEMICAL CORP  
4100 EAST WASHINGTON BLVD  
LOS ANGELES, CA 90023

Subject: Label Amendment Submission of 12/07/93 in Response to PR Notice 93-7  
EPA Reg. No. 5481-443  
PCNB 2 FLOWABLE TURF & ORNAMENTAL SOIL FUNGICIDE

**IMPORTANT NOTICE:** This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**SERIOUS ERROR(S) ON SUBMITTED LABELING:**

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**



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

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director  
Compliance Division, (7203)  
Worker Protection Notification  
Office of Compliance Monitoring  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

**IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.**

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

**AND**

- **WITHIN** one year from date of this acceptance.

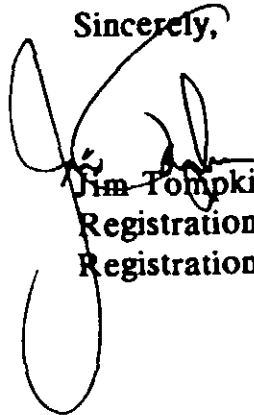
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
 Office of Pesticide Programs (7505C)  
 U.S. Environmental Protection Agency  
 401 M Street, SW  
 Washington, D.C. 20460-0001

Hand or courier deliveries of final labeling may be made to:

**Document Processing Desk (FIN-LABEL)**  
**Office of Pesticide Programs**  
**Room 266A, Crystal Mall 2**  
**1921 Jefferson Davis Highway**  
**Arlington, VA 22202**

Sincerely,



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

**Attachment**

**cc: Office of Compliance Monitoring**

597

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

H.R. McLane  
AMVAC CHEMICAL CORP  
4100 EAST WASHINGTON BLVD  
LOS ANGELES CA 90023

Comment for: EPA Reg Nr.5481-443  
PCNB 2 FLOWABLE TURF & ORNAMENTAL SOIL FUNGICIDE

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The respirator requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). For exposures in enclosed areas, a respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)." The exact location is shown in Sections A and B on Part I of the product Worksheet in Supplement Three-A to PR Notice 93-7.

You have incorrect wording in the second-to-last sentence in the first paragraph in the Agricultural Use Requirements box on your proposed label. The sentence must be as follows: "It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval."

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Correct the typographical errors circled on your proposed label.

## FOR ORNAMENTALS

Mixtures of this product and water must be mixed with the soil as a drench treatment for protection against the listed diseases on nursery, greenhouse, field grown and established plants. A preliminary trial is suggested first before a full treatment is given to any plant species not listed in these directions.

### DISEASES CONTROLLED

Common Name	Fungus Name	Common Name	Fungus Name
Root and stem rot	Rhizoctonia spp.	Petal blight	Chelonia azaleae
Botrytis storage rot	Botrytis spp.	Bulb and stem rot	Sclerotium rolfsii
Neck dry rot	Stromatinia gladioli	Flower blight	Sclerotium carnelliae
Bulb dry rot	Sclerotium gladioli	Crown rot	Pollucium rolfsii
Needle blight	Dothiorella pini	Black rot	Sclerotium sclerotiorum

## NURSERY & GREENHOUSE

For Rhizoctonia control apply as a soil drench at time of seeding and/or transplanting

### Tropical Foliage Plants

Ajuga, Aphelandra, Dieffenbachia, Dracaena, Ficus, Fittonia, Gynura, Hoye, Peperomia, Pothos, Schefflera, Syngonium, Tradescantia and similar tropical foliage plants. Mix 3/4 to 1 1/2 pints in 100 gallons water and apply to 400-800 sq.ft. of bed or bench area.

Coverage: For soil depths of 4 inches or less, apply 100 gallons to 800 sq.ft. For soil depths of more than 4 inches apply 100 gallons to 400 sq.ft. One repeat application can be made 4 to 6 weeks later if necessary. Do not apply to Philodendron or Pilea since injury may occur

### Bedding and Flowering Plants

Carnation, Chrysanthemum, Dahlia, Geranium, Marigold, Pelonia, Poinsettia, Portulaca, Salvia, Vinca, Zinnia and similar plants. Use 3/4 pint with 100 gallons of water and apply to 800 sq.ft. of flat or bench area. Apply at seeding or transplanting time.

### Herbaceous and Woody Plants

Herbaceous Plants: Kalanchoe, Ley and similar plants. Woody Plants: Azalea, Boxwood, English Ivy, Holly, Juniper, Pine, Rhododendron and similar plants. Use 3/4 to 1 1/2 pints with 100 gallons of water and apply to 400-800 sq.ft. of bed or bench area.

## DIP TREATMENT FOR BULBS and DORMANT ROSES

Use before planting or stoning. It is important to maintain continuous circulation of dip solution to assure uniform application of fungicide. Add 1% "Sticker" to solution. Utilize wire mesh for dipping and drain boards to return excess solution to dip tank. Dispose of unused dip solution according to "Storage and Disposal" and observe use of protective clothing as listed under "Hazards to Humans"; both sections found on this label. Wear chemical resistant gloves when dipping.

For control of Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips dip bulbs for 5 minutes in a solution containing 3/4 gallon of this product in 3.2 gallons of water.

For Root Rot (Rhizoctonia) of Easter Lilies dip in a solution containing 1 1/2 to 2 1/4 gals. PCNB 2 FLOWABLE TURF & ORNAMENTAL in 100 gallons of water for a period of 8 to 15 minutes.

For Botrytis Storage Rot on Roses: Dip or spray dormant plants before packaging or storage, with a solution of 1 gallon PCNB 2 FLOWABLE TURF & ORNAMENTAL in 100 gals. of water.

## FIELD GROWN ORNAMENTAL CROPS

### HOW TO MIX AND APPLY

Mix the following amounts of PCNB 2 FLOWABLE TURF & ORNAMENTAL in sufficient water and apply before planting to give uniform ground coverage. Incorporate the spray/drench solution to depth of soil as indicated.

### AS A PRE-PLANT BROADCAST TREATMENT

For Rhizoctonia Root Rot on Easter Lilies, and for Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips use 1 1/5 to 2 1/3 gals. per 1,000 sq. ft. Thoroughly incorporate to a depth of 6 to 7 inches. Use the lower rate for light soils; the higher rate for heavy soils.

For Bulb Rot and Stem Rot (Sclerotium rolfsii) on Dutch Iris use 1 1/5 to 1 2/3 gals./1,000 sq. ft. Apply prior to planting. Thoroughly incorporate solution to depth of 2 to 3 inches.

For Neck or Bulb Dry Rot (Stromatinia or Sclerotium gladioli) on Gladiolus use 1 1/3 gal./1,000 sq. ft. Apply prior to planting. Thoroughly incorporate to depth of 4 to 6 inches. Bulbs may be planted immediately after solution is incorporated.

For Stem Rot (Rhizoctonia) on Calendula, Larkspur, Snapdragon and Sweet Pea use 1 1/3 gal. per 1,000 sq. ft. Apply prior to planting. Thoroughly incorporate to depth of 4 inches.

For Rhizoctonia Needle Blight on Southern Pine Seedlings use 18 3/4 gals. per acre. Mix and apply in 100 gallons of water to give uniform ground coverage. An additional 1 1/2 inch of water per acre should be applied by irrigation prior to planting. Seed may be planted immediately after irrigation or within one week of this date.

### AS A BAND TREATMENT

For Neck or Bulb Dry Rot (Stromatinia or Sclerotium gladioli) on Gladiolus apply 2 1/8 gallon per 1,000 linear feet of row as a 12 inch band centered on the row at planting time. Incorporate to depth of 4 inches. Bulbs may be planted immediately after incorporation.

For Bulb Rot and Stem Rot (Sclerotium rolfsii) on Dutch Iris use 1 qt. per 1,000 linear feet of row as a 12 inch band centered on the row at planting time. Follow with 3 additional applications at the same rate at 15 day intervals.

### AS AN IN FURROW TREATMENT AT PLANTING TIME

For control of Rhizoctonia Root Rot on Easter Lilies, and for Crown Rot and Black Rot on Iris, Hyacinth, Narcissus and Tulips mix 3/4 gal. to 2 1/4 gals. in 5 to 10 gallons of water and apply per 1,000 linear feet of row. Direct the spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for lighter soils and higher rate for heavier soils. For Black Rot control, use high rate.

## SPRAY for ESTABLISHED AZALEAS & CAMELLIAS

For Azalea Petal Blight (Oxycoccus azaleae) on Azaleas and Camellia Flower Blight on Camellias use 3 pints/150 sq. ft. Mix and apply in sufficient water (5 to 10 gallons per 100 sq. ft.) to give uniform coverage to soil beneath bushes and in the plant bed. Begin application prior to opening of buds and repeat every 3 to 4 weeks during bloom season.

# PCNB

## 2 FLOWABLE TURF & ORNAMENTAL

# SOIL FUNGICIDE

## FOR CONTROL OF SOIL-BORNE DISEASES TURFGRASS and ORNAMENTALS

ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB) . . . . . 21.6%

INERT INGREDIENTS: . . . . . 78.4%

TOTAL 100.0%

Contains 2 pounds of PCNB per Gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 cup of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or barbiturate anesthetized patient.

**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 INHALED:** Remove victim to fresh air. Administer respiration if indicated. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid inhaling spray mist. This material may cause skin irritation. Use with adequate ventilation. Do not contaminate feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you wear these options, follow the instructions on the label. If you wear other options, follow the instructions on the label. For more information, see the label. Category (C) on an EPA chemical resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants; chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, chloride or Viton; shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-2) manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish. Do not apply directly to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where injury to birds may occur. Apply this product only as specified on this label. Do not apply directly adjacent to potable water supplies.

CHEMICAL AND PHYSICAL HAZARDS

Do not allow product to freeze.

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 to any type of emission system. Slight agitation may be required to mix the material. Do not use treated seed for food, feed or for any other purpose. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only persons authorized by the label may apply this product. 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 product contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard, or allow workers entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, or with plants, soil, or water, is: long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton, and shoes plus socks.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 8481-443

NET CONTENTS 5 GALLONS

EPA EST. NO. 8481

# AMVAC CHEMICAL CORPORATION

## BEST AV

# PCNB

## 2 FLOWABLE TURF & ORNAMENTAL SOIL FUNGICIDE

FOR CONTROL OF SOIL-BORNE DISEASES ON  
TURFGRASS and ORNAMENTALS

ACTIVE INGREDIENT:  
Pentachloronitrobenzene(PCNB) . . . 21.6%  
INERT INGREDIENTS: . . . 78.4%  
TOTAL 100.0%

Contains 2 pounds of PCNB per Gallon

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center, immediately induce vomiting by giving victim 1 cup 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.

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

**CAUTION:** Harmful if swallowed. Avoid inhaling spray mist. This material may cause skin irritation. Use with adequate ventilation. Do not contaminate food or feedstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category (C) on an EPA chemical resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants; chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton; shoes plus socks and a dust-rated filtering respirator (MSHA/NIOSH) approval number prefix TC-21C. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish. Do not apply directly to water to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where run-off is likely to occur. Apply this product only as specified on this label. Do not apply directly adjacent to potable water supplies.

**CHEMICAL AND PHYSICAL HAZARDS**

Do not allow product to freeze.

**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 through any type of irrigation system. Slight agitation may be required to mix the material. Do not use treated seed for food, food or feed purposes. 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). 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 workers to enter 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: long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton; and shoes plus socks.

as a drench treatment for protection of newly sown and established plants. A drench to any plant species not listed in 2

- Fungus Name**
- Onchium azaleae
  - Sclerotium rolfsii
  - Sclerotium carmeliae
  - Puccinia sp.
  - Sclerotinia sclerotiorum

**USE**  
Seeding and/or transplanting

3 years, Hoya, Peperomia, Pothos, age plants. Mix 3/4 to 1 1/2 pints in 100 gal. water. For soil depths of more than 4 to 6 weeks later may occur.

**OR**  
Poinsettia, Portulaca, Salvia, 1/2 pint of water and apply to 800 sq. ft. of

**OR**  
Azalea, Boxwood, English, 3/4 to 1 1/2 pints with 100 gallons

**ORNAMENTAL ROSES**  
circulation of dip solution to solution. Utilize wire mesh for dipping

of unused dip solution according to thing as listed under "Hazards to resistant gloves when dipping roses and Tulips dip bulbs for 5 3.2 gallons of water containing 1 1/2 to 2 1/4 gals. PCNB or for a period of 5 to 15 minutes.

before packaging or storage, with 100 gals. of water.

**ORNAMENTAL** in sufficient water and create the spray/drench solution to

**TREATMENT**  
and Black Rot on Irys, Hyscynth. Thoroughly incorporate to a depth of 2 to 3 inches

on Gladiolus 1 1/3 gal/1,000 sq ft to 6 inches. Bulbs may be planted

and Sweet Pea use 1 1/3 gal to depth of 4 inches.

18 3/4 gals per acre. Mix and apply immediately after irrigation

on Gladiolus apply 2 1/8 gallon per planting time. Incorporate to depth of 4 inches

1 qt per 1,000 linear feet of row with 3 additional applications at

**PLANTING TIME**  
Crown Rot and Black Rot on Irys, 5 to 10 gallons of water and apply to thoroughly cover entire furrow

lighter soils and higher rate for

**S & CAMELLIAS**  
Flower Bright on Camellia use 1/2 pint per 100 sq ft to give uniform application prior to opening of buds

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
EPA REG NO. 9491-443 NET CONTENTS 9 GALLONS EPA EST NO. 9491-CA-1

**AMVAC CHEMICAL CORPORATION**

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children. Protect from temperatures below 20 ° F. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved procedures by State and local authorities.

**FOR TURFGRASS**

Use as a fungicide in the prevention and control of the listed soil-borne diseases which attack turfgrasses on golf courses, sod farms, home lawns, institutional, ornamental, and recreational areas where fine turf is under a maintenance program. Do not use for Turf Leaf or Dollar Spot in California

**DISEASES CONTROLLED**

- Brown Patch (Rhizoctonia solani)
- Dollar Spot (Sclerotinia homeocarpa)\*
- Pink Snow Mold (Fusarium nivale)
- Leaf Spot (Helminthosporium spp.)
- Gray Snow Mold (Typhula spp.)
- \*Do not use in California.

For best results use as a preventive application before diseases appear, or apply at the first sign of the infection. After application the treated areas should be watered to wash the fungicide down to the soil level. If heavy rainfall or flooding occurs after treatment, or if disease is severe or reappears, treat area again. Follow the rates and comments as listed below for control of turfgrass diseases.

Disease/Host	Appr./Gals. water per 1,000 Sq. Ft.	How and When to Apply
Brown Patch (Rhizoctonia solani) St. Augustine, Bermudagrass & similar warm season grasses.	1 Qt./10-15 Gals.	Apply once in Spring or Fall or when disease appears. If it is severe or reappears, retreat 3 to 4 weeks later.
Dichondra	2-3 Pts / 40 Gals.	Treat as above.
Bluegrass, Rye, Fescue, Bent and similar cool season grasses.	1 Pt / 3-6 Gals.	Apply at 1st sign of disease. Repeat every 7-10 days during warm damp weather.
Helminthosporium spp. Leaf Spot Dollar Spot* (Sclerotinia homeocarpa) *Do not use in California	1 Qt. / 5-10 Gals.	For preventative apply in Spring or Fall of each year. If disease is present apply at 1 Qt. rate as soon as possible. If disease is severe or reappears retreat area 3 to 4 weeks later.
Gray Snow Mold (Typhula spp.) Pink Snow Mold	1 Qt. / 5-10 Gals.	1st treatment should be made prior to first snow fall

Do not graze treated areas or feed grass clippings to livestock. Under certain growing conditions, a temporary discoloration of the grass occasionally may occur. This causes no harm and will disappear in a short time.

**IMPORTANT: PLEASE READ BEFORE USE**

By using this product, the user accepts the following LIMITED WARRANTY:

AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings, cautions and other statements on this label are based upon reasonable expert evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and plants, of residues on food crops, and upon results of field observations. Testing has not been performed on all varieties of food crops and plants, in all states, or under all application methods and crop conditions. There are no express warranties other than those set forth herein. Amvac neither makes nor intends nor does it authorize any agent or representative to make, any other warranty express or implied. Amvac expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance. This warranty does not extend to and the user shall be solely responsible for any loss or damage which results from the use of this product in any manner which is inconsistent with the label's directions, warnings or cautions. User's exclusive remedy and Amvac's sole liability for any claim, loss, damage or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or other area shall be limited, at Amvac's option, to replacement of or repayment of the purchase price for the quantity of product with respect to which damages are claimed. In no event shall Amvac or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (143) WPS PM4/12 (3-93)

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY  
TRANSPORTATION CHEMTREC 1-800-424-9300  
MEDICAL HAZARD REGISTRATION SERVICES (HLS) 1-800-277-5635 Ex 100

**BEST AVAILABLE COPY**