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100-742

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 100-742</p>	<p>Date of Issuance: AUG 12 1993</p>
	<p>Term of Issuance: Conditional</p>	
<p>Name of Pesticide Product: Pace Fungicide</p>		
<p>Name and Address of Registrant (include ZIP Code): Agricultural Division Ciba-Geigy Corporation P.O. Box 18300 Greensboro, NC 27419</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Revise the label by adding the phrase "EPA Registration No. 100-742". 3. Submit five copies of the final printed label for the record. 4. Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically §156.200(c)(3): H7505C:J.Fairfax:100-742:8/11/93 		
<p>Signature of Approving Official:</p> 	<p>Date: AUG 12 1993</p>	

"No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994." For further information regarding the WPS, please call 1-800-777-2185.

5. You must submit the most current Certification with Respect to Citation of Data form and the most current Formulator's Exemption Statement form.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,



Clarence O. Lewis, III
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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green-Pak®

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Pace®

AUG 12 1993

Fungicide

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

For control of certain diseases in turf

100-742

Active Ingredients:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	7.0%
A coordination product of zinc ion and manganese ethylene bisdithiocarbamate	70.0%
in which the ingredients are:	
Manganese ⁺⁺	14.0%
Zinc ⁺⁺	1.7%
Ethylene bisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	54.3%

Inert Ingredients:	23.0%
Total:	100.0%

Pace is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

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CAUTION

See directions for use and additional precautionary statements on panel at right.

See directions for use on back of carton.

EPA Reg. No. 100-

EPA Est. 10163-AZ-1

This outer protective carton contains Pace in an inner water-soluble bag. Entire inner bag and contents dissolve in water. After opening outer carton, immediately dump entire unopened inner bag into the partially filled sprayer or mix tank. Do not handle the soluble bag or expose it to moisture, since this may cause rupturing.

Two Pounds
Net Weight

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

General Information

Pace Fungicide, a fungicide that has both systemic and contact properties, controls Pythium blight and yellow tuft (downy mildew) in turfgrasses, and downy mildew in St. Augustinegrass. When used in a preventative program to control Pythium blight and yellow tuft, Pace will also provide control of brown patch, dollar spot and Helminthosporium-type diseases.

If this product is used on turf, no other product containing a different EBDC active ingredient may be used on the same turf during the same growing season.

Note: Research has shown that the ingredients in Pace can provide synergistic activity against Pythium blight. In addition research has demonstrated that when properly managed, the use of fungicides with different sites of action reduces the likelihood of resistance developing. As with many turf fungicides, however, the use of Pace could result in development of resistant strains of fungi. If resistance does develop, CIBA-GEIGY cannot assume liability for resulting turf damage. If treatment is not effective following the use of Pace as recommended, a resistant strain of fungi may be present or the disease may have been misdiagnosed. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance in your particular crop and disease control situation.

Re-entry and Worker Protection Statements

Worker Safety Rules

Keep all unprotected persons, children, livestock and pets away from treated area or where there is a danger of drift. Do not rub eyes or mouth with hands. See Statements of Practical Treatment.

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Personal Protective Equipment - For Mixers, Loaders, Applicators and Early Re-entry Workers.

HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: All agricultural workers/handlers (i.e., mixers, loaders, and applicators) applying EBDC's must wear coveralls over long-sleeved shirt and long pants; shoes, socks, and chemical-resistant gloves. During mixing and loading, a chemical-resistant apron and goggles or a face shield must also be worn. For agricultural workers, where completely enclosed cabs with positive pressure filtration or an enclosed cockpit for aerial application are used, a long-sleeved shirt and long pants may be worn in place of the protective clothing described above. Chemical-resistant gloves must be available in the cab or cockpit and worn upon exiting. The gloves must be kept in an enclosed container in the cab or cockpit to prevent contamination of the inside of the cab or cockpit. During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before eating, smoking or drinking. Always wash hands and arms with soap and water before using the toilet.

After work take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Do not use contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with Pace must be destroyed according to state and local regulations.

Heavily Contaminated or Drenched Clothing Cannot Be Adequately Decontaminated. During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.

Re-entry Statements

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: "CAUTION - Area treated with Pace on (date of application). Do not enter without protective clothing until sprays have dried or within 24 hours after application on sod farms. In case of contact, flush skin or eyes with plenty of water; for eyes, consult a physician if irritation persists."

Do not enter treated areas without protective clothing until sprays have dried or within 24 hours after application on sod farms.

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Mixing Instructions

Prepare no more spray mixture than is required for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep Pace thoroughly mixed and in suspension. Flush spray tank thoroughly with water daily after use and dispose of pesticide rinsate by application to an already treated area.

Notes: (1) Soluble bags of Pace must be dissolved completely in water before any other tank mix partner, including micronutrients or other liquid or dry fertilizers are added to the spray solution. (3) Do not use with oils or adjuvants.

Pace Alone: Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Pace into the tank. (One 2-lb. water-soluble bag of Pace will treat 5,000 sq. ft.) Continue agitation while adding the remainder of the water.

Pace + Tank Mixtures: For tank mix purposes, Pace is usually compatible with Banner®, Triumph®, Sprint®, Bayleton®, Daconil 2787®, D·z·n®, Fore®, Tersan LSR®, Tersan 1991® and Vorlan™. Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Pace into the tank. Then add the desired amount of the selected tank mix partner(s) which are registered for use on turf.

If using Pace in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the respective tank mix product label. No label dosage rate should be exceeded and the more restrictive of the labels regarding precautions and limitations should be followed. This product cannot be mixed with any product containing a label prohibition against such mixing. Tank mixtures are permitted only in those states where the tank mix partner is registered.

Application Instructions

Note: Do not apply this product through any type of irrigation system.

Do not make applications when weather conditions favor drift from target area. Avoid spray overlap as turf injury may result.

Turf

For use on golf courses, sod farms, industrial or municipal turf areas and professional application to residential lawns. **NOT FOR USE BY HOMEOWNERS.**

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Pythium blight and yellow tuft: Apply Pace as a preventative treatment using one 2 lb. bag to treat 5,000 sq. ft. in 6-10 gals. of water. During periods favorable for disease development, retreat at 7-14 day intervals. For maintenance treatments during periods of cooler weather, treatments can be extended to 21 days.

Under low to moderate disease pressure, Pace applied as a preventative treatment on a 7-14 day interval will provide control of brown patch, dollar spot and Helminthosporium-type pathogens.

Notes: (1) Do not graze treated areas. (2) Do not feed clippings to livestock. (3) Do not use on grasses intended for grazing, such as range or pasture grasses. (4) Do not use for grasses grown for seed. (5) Do not plant any crop which is not registered for use with metalaxyl in metalaxyl-treated soil for a period of 12 months.

) Storage and Disposal

Storage - Store in a cool, dry place. Do not store this product under wet conditions.

Pesticide Disposal - Do not contaminate water, food or feed by storage or disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal - Do not reuse outer carton. Dispose of empty outer carton in a sanitary landfill or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

) For minor spills, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Clothing and Equipment: All agricultural workers/handlers (i.e., mixers, loaders, and applicators) applying EBDC's must wear coveralls over long-sleeved shirt and long pants; shoes, socks, and chemical-resistant gloves. During mixing and loading, a chemical-resistant apron and goggles or a face shield must also be worn. Refer to Re-entry and Worker Protection Statements for additional Worker Safety rules.

Statement of Practical treatment

If swallowed: Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

If inhaled: Remove victim to fresh air.

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

Note to Physician

If Pace is ingested, induce vomiting or lavage stomach.

Environmental Hazards

This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 contaminate water when disposing of equipment wash waters.

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