

100-690

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Pace®

Turf Fungicide

For control of certain diseases
in nonresidential turf

Active Ingredients:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	7.0%
Zinc ion and manganese ethylene bisdithiocarbamate,	70.0%
a coordination product of	
manganese++	14.0%
zinc++	1.7%
ethylene bisdithiocarbamate ion	54.3%
<hr/> Inert Ingredients:	<hr/> 23.0%
Total:	100.0%

Pace is a wettable powder

Keep Out of Reach of Children.

AUG 26 1989

Caution

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

100-690

EPA Reg. No. 100-690

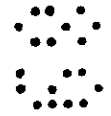
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EPA Est. 100-AL-1^M

FPA EST. 32761-MO-3^F

(Superscript is first letter of lot number on carton.)

This outer protective carton contains Pace in two inner water soluble bags. These inner bags dissolve in water, allowing contents to wet. After opening outer carton, immediately dump one or two unopened inner bags into the partially filled sprayer or mix tank. Do not handle the soluble bags or expose them to moisture, since this may cause rupturing. If only using one water soluble bag, reclose carton by rolling/folding inner full liner down over remaining soluble bag and by inserting tab on top of carton into the slot provided.



Two-One Lb. Soluble Bags
Total 2 Lbs.
Net Weight

Individual bags are not to be offered for sale.

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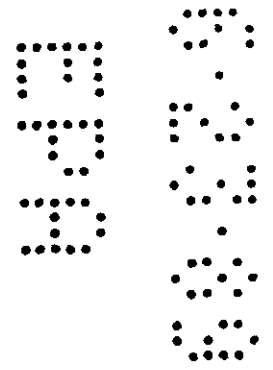
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

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.



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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 Turf 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.

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, as Pace will not control other common turf grass diseases. 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

IMPORTANT NOTE REGARDING USE ON GOLF COURSES: THE FOLLOWING REENTRY STATEMENT APPLIES TO ALL USES OF PACE ON NONRESIDENTIAL TURF, WITH THE EXCEPTION OF GOLF COURSES. WHERE PACE IS USED TO TREAT TURF ON A GOLF COURSE, THE 24-HOUR REENTRY RESTRICTION DOES NOT APPLY. HOWEVER, SPRAYS MUST BE DRY BEFORE GOLFERS CAN ENTER THE TREATED AREA. GOLF COURSE MAINTENANCE PERSONNEL MUST WEAR THE PERSONAL PROTECTIVE EQUIPMENT LISTED BELOW UNDER WORKER PROTECTION WHEN MIXING, LOADING, APPLYING, OR REENTERING THE AREA BEFORE SPRAYS HAVE DRIED.

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REENTRY

Do not enter treated areas without protective clothing until sprays have dried. After sprays have dried, do not enter or allow entry into treated areas until the 24-hour re-entry interval has expired unless wearing the personal protective equipment listed on this label. (See IMPORTANT NOTE above regarding use on golf courses.) Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

CAUTION

(Insert area or field description) treated with Pace Turf Fungicide on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. After sprays have dried, do not enter or allow entry into treated areas until the 24-hour reentry interval has expired unless wearing the personal protective equipment listed on this label. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Pace and describe his condition. For further information, see the "Statement of Practical Treatment" immediately.

Oral warnings must include the same information that is in the written warnings.

WORKER PROTECTION

WORKER SAFETY RULES: Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift. Do not rub eyes or mouth with hands. (See Statement of Practical Treatment.)

PERSONAL PROTECTIVE EQUIPMENT: For Mixers, Loaders, Applicators, and Early Re-entry Workers.

HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: a long-sleeved shirt and long pants or

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a coverall that covers all parts of the body except the head, hands, and feet, chemical-resistant gloves and footgear, socks, and goggles* or a face shield*. During mixing and loading, a chemical-resistant apron must also be worn.

*Mowers do not have to wear goggles or a face shield when entering the treated area before sprays have dried.

During application from a tractor with a completely enclosed cab with positive pressure filtration, or aeriially with an enclosed cockpit, a long-sleeved shirt and long pants may be worn in place of the above protective clothing. Chemical-resistant gloves must be available in the cab or cockpit and worn while exiting.

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 mancozeb 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.

(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.

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 1-lb. water-soluble bag of Pace will treat 2,500 sq. ft.) Continue agitation while adding the remainder of the water.

Pace + Tank Mixtures: For tank mix purposes, Pace is usually compatible with Banner®, Bayleton®, Daconil 2787®, D-z-n®, Fore®, Tersan LSR®, Tersan 1991® and Vorlan™. Add 2/3 of the

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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.

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.

Established Turf (Nonresidential only)

Apply Pace as a preventative treatment at 6.4 ozs./1,000 sq. ft. in 3-5 gals. of water. (A 1 lb. bag will treat 2,500 sq. ft.) 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. Pace should only be applied when temperatures exceed 75°F because it is intended for use in the control of Pythium blight and not the "root" or "cool-season" Pythium diseases.

Notes: (1) Do not graze treated areas. (2) Do not feed clippings to livestock. (3) 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. Handle outer carton carefully when stored at temperatures less than 50°F to avoid breakage of inner soluble bags.

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 on on-site or at an approved waste disposal facility.

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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.

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 or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment wash waters.

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Banner® trademark of CIBA-GEIGY
U.S. Patent No. 4,079,062

Bayleton® trademark of Mobay Chemical Corporation for
triadimefon

Daconil 2787® trademark of Fermenta Plant Protection Company for
chlorothalonil

D-z-n® trademark of CIBA-GEIGY for diazinon

Fore® trademark of Rohm and Haas for mancozeb

Green-Pak™ trademark of CIBA-GEIGY

Pace® trademark of CIBA-GEIGY

Tersan LSR® trademark of E. I. duPont de Nemours & Co., Inc. for
maneb

Tersan 1991® trademark of E. I. duPont de Nemours & Co., Inc.
for benomyl

Vorlan™ trademark of Mallinckrodt, Inc. for vinclozolin

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