



Banol[®]

FUNGICIDE

Specimen Label

TURF & ORNAMENTAL FUNGICIDE
For Control of Pythium and Phytophthora
NOT FOR USE ON SOD FARMS IN ARIZONA

ACTIVE INGREDIENT:

Propamocarb hydrochloride* 66.5%

OTHER INGREDIENTS: 33.5%

TOTAL 100.0%

*Propyl [3-(dimethylamino)propyl] carbamate monohydrochloride
Contains 6.0 lbs. active ingredient per gallon

EPA Reg. No. 432-942

EPA EST. NO. 432-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Do not administer atropine unless cholinesterase inhibition is measured or patient shows distinct symptoms thereof. Oxime therapy is contraindicated. Otherwise, administration of gastric lavage or induction of vomiting followed by application of activated charcoal is the recommended treatment.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAKING, OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-228-5835, EXT. 202. HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.

Net Contents: 1 Gallon

BACKED
by **BAYER™**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment

Applicators and Other handlers (both WPS and Non-WPS) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks

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.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, closed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. users should remove clothing immediately if pesticide gets inside. then wash thoroughly and put on clean clothing. users should remove protective clothing and equipment 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

For terrestrial uses, do not apply directly to water, or 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 washwaters.

USE PRECAUTIONS

Do not graze or feed clippings from treated areas to livestock.
Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container and keep tightly closed. Store in a cool dry place.

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 incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DO NOT REUSE ORIGINAL CONTAINER.

GENERAL INFORMATION

BANOL® Fungicide is a completely water miscible fungicide concentrate. BANOL is intended for use on turfgrass which is subject to Pythium Blight (Cottony Blight, Grease Spot). It may be used after germination to control Pythium damping-off in turf, or on established turf to prevent or control Pythium Blight. BANOL does not afford broad spectrum disease control for *Rhizoctonia sp.* (brown patch), *Sclerotinia sp.* (dollarspot), or *Helminthosporium sp.* (leafspot). Use a broad spectrum fungicide if these diseases coexist with Pythium Blight.

BANOL is also recommended for prevention of root rot and damping-off caused by *Pythium sp.* and *Phytophthora sp.* at all stages of ornamental propagation.

COMPATIBILITY: BANOL is compatible with benomyl, iprodione, ethazol, chloroneb, trichlorfon, triadimefon, chlorothalonil, diazinon, chlorpyrifos, and thiram.

For control of other soil borne diseases such as *Rhizoctonia sp.* or *Fusarium sp.* BANOL can be tank-mixed with benomyl or thiophanate-methyl. Use the full rate of each fungicide and follow the most restrictive directions and restrictions appearing on the labels of these products.

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 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 in your State responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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. 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 worker entry into treated areas during the restricted entry interval (REI) of 24 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:

- Coveralls over short-sleeved shirt and short pants.
- Chemical-resistant footwear plus socks.
- Chemical-resistant gloves made of any waterproof material.
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting signs at entrances to treated areas.

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas until spray deposit has dried.

TURFGRASS	Fluid Ounces AREA	BANOL	REMARKS
For Control of Pythium Blight and Pythium Damping-Off on Established Turf and Overseeded Areas	1000 ft ²	<p><i>Preventive Treatment:</i> 1½–2 fluid oz. in 2–5 gallons of water.</p> <p><i>Curative Treatment:</i> 3–4 fluid oz. in 2–5 gallons of water.</p>	<p>Do not apply more than a total of 12 fl. oz. (0.67 lb a.i.) of BANOL per 1000 ft² of turfgrass per year, equivalent to 25 lb a.i./acre/year.</p> <p>ESTABLISHED TURF: Apply as a preventive treatment during periods of high temperature and humidity favorable to the development of Pythium Blight.</p> <p>OVERSEEDED AREAS: Apply after germination to control Pythium Damping-Off.</p> <p>RETREATMENT: Retreat at 7–21 day intervals if conditions remain favorable for disease development. Use the lower rate for the shorter interval and the higher rate for the longer interval within the application rate range. Under severe disease pressure conditions, use the highest recommended rate and shortest interval.</p>

BANOL Fungicide is recommended for prevention of root rot and damping-off caused by Pythium sp. and Phytophthora sp. at all stages of ornamental propagation.

ORNAMENTALS	Fluid Ounces BANOL	REMARKS
For Control of Pythium and Phytophthora on Ornamental Plants: African Violet, Ageratum, Alyssum, Aster, Azalea, Browallia, Carnation, Celosia, Chrysanthemum, Coleus, Dahlia, Dusty Miller, Easter Lily, Ferns, Geranium, Gloxinia, Impatiens, Lobelia, Marigold, Pansy, Petunia, Poinsettia, Portulaca, Salvia, Snapdragon, Verbena, Violet, and Vinca.	<p>3 fl. oz. per 10 gallons of water</p> <p>3 fl. oz. per 10 gallons of water</p> <p>2 fl. oz. per 10 gallons of water</p> <p>2 fl. oz. per 10 gallons of water</p>	<p>Do not use for field grown ornamentals. BANOL requires no agitation after initial mixing. Stock solutions of BANOL should be used within one week of mixing. BANOL does not cause phytotoxic symptoms on the listed plants when used as directed. Trials on other ornamental species should be conducted before extensive use.</p> <p>Seeding: Apply to the seeding area using 3 quarts of solution/10 square feet. Treat before sowing of seeds requiring light and after covering of seeds requiring dark for germination.</p> <p>Transplanting (Seedlings): Apply to the transplanting area using 3 quarts of solution/10 square feet before transplanting.</p> <p>Transplanting (Cuttings): Drench the cutting bed using 2 gallons of solution/10 square feet before setting.</p> <p>Potting: Dip bare root plants in the solution before potting. After potting drench each pot at the rate of 3.5 fl oz of solution/4 inch pot. Repeat the drench treatment at 3 to 6 week intervals.</p>
Woody Ornamentals	2.5 fl. oz. per 10 gallons of water	For control of <i>Phytophthora sp.</i> on woody ornamentals such as azalea, drench each container at the rate of 5 quarts of solution/10 square feet of surface. Repeat the drench treatment at 3- to 4-month intervals.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Bayer Environmental Science's control, it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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Revisions:

1) Layout/Look

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