

432-942

2/24/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Richard M. Gorrell
Manager, Registrations
Bayer Environmental Science
2 T. W. Alexander Drive
Research Triangle Park, NC 27709

FEB 24 2009

SUBJECT: Application for Pesticide Notification – Add EPA Version of Warranty and
“Inert” Changed to “Other”
Banol® Fungicide
EPA Reg. No. 432-942
Application Dated November 11, 2008

Dear Mr. Gorrell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been date-stamped “Notification” and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

| PROPOSED LABEL | | |
|--------------------|-----------------------|--------------------------------|
| EPA Registration # | Date Submitted to EPA | Electronic file name |
| 432-942 | 11/07/08 | 00432-00942.20081107.BANOL.pdf |

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.



 Signature

11/07/2008

 Date

Anna B. Wilkins

 Name (typed)

Label Development Specialist

 Title



Bayer Environmental Science



November 11, 2008

EPA08RMG1111BanolNotifWarranty
FEDEX

Ms. Sherada Hobgood
Document Processing Desk (7504P)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
Arlington, VA 22202-4501

RE: Notification to Add the EPA Version of the Warranty Statement for Banol® (EPA Reg. No. 432-942)

Dear: Ms. Hobgood

Bayer Environmental Science is notifying the EPA of a revision to the warranty statement for the Banol Fungicide label (432-942). On the first page of the label, the word inert was changed to other as in Other Ingredients (highlighted in yellow).

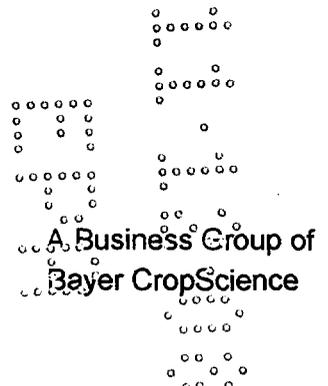
If you have any questions, contact me at (919) 549-2423 or email me at mike.gorrell@bayercropscience.com.

Sincerely,

Richard M. Gorrell
Manager, Registrations

Cc: Karen Shearer
Richard Rees
Jimmy Johnson

Bayer Environmental
Science
2 T.W. Alexander Dr.
RTP, NC 27709
Phone : 919.549.2000



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BANOL®

TURF AND ORNAMENTAL FUNGICIDE
For control of Pythium and Phytophthora

**Only for Use on Golf Courses, Sod Farms, Commercially Grown Ornamentals in Greenhouses
and Container-Grown Ornamentals in Nurseries**

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. 407-IA-02

NET CONTENTS:

KEEP OUT OF REACH OF CHILDREN
CAUTION

NOTIFICATION
FEB 24 2009

FIRST AID

| | |
|---------------|---|
| If swallowed: | <ul style="list-style-type: none"> • 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 to by a poison control center or doctor. • Do not give anything to an unconscious person. |
| If in eyes: | <ul style="list-style-type: none"> • Hold eyes 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. • Call a poison control center or doctor for treatment advice. |
| If on skin: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 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 1-800-334-
7577. HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL
CENTER OR DOCTOR, OR GOING FOR TREATMENT.**

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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

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. 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, enclosed 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

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.

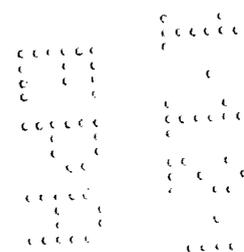
STORAGE AND DISPOSAL

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: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Offer for reconditioning, if appropriate. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then 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.



GENERAL INFORMATION

BANOL® is a completely water miscible fungicide concentrate. BANOL is intended for use on turfgrass or ornamental species which are subject to Pythium Blight (Cottony Blight, Grease Spot) or *Phytophthora*. 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, other persons, or pets, either directly or through drift. Keep people and pets out of the area during application. 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 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.

NON-AGRICULTURAL 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 or allow others to enter treated areas until sprays have dried.

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| TURFGRASS | AREA | Fluid Ounces BANOL | REMARKS |
|---|-------------|--|---|
| For Control of: Pythium Blight, Pythium Damping Off, and Root Rot on Established Turf and Overseeded Areas | 1,000 sq ft | Preventative Treatment: 1 1/3 -2 fl oz in 2-5 gallons of water Curative Treatment: 3-4 fl oz in 2-5 gallons of water | Do not apply more than a total of 12 fl oz (0.57 lb ai) of BANOL per 1,000 sq ft of turfgrass per year, equivalent to 25 lb ai/A/year. ESTABLISHED TURF: Apply as a preventative treatment during periods of high temperature and humidity favorable to the development of Pythium Blight. OVERSEEDDED AREAS: Apply after germination to control Pythium Damping-Off. RETREATMENT: Re-treat at 7-21 day intervals if conditions remain favorable for disease development. Use 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. |

BANOL is recommended for prevention of root rot and damping-off caused by *Pythium* sp. and *Phytophthora* sp. at all stages of turfgrass development and ornamental plant propagation, including seeding, transplanting and potting.

| ORNAMENTALS | Fluid Ounces BANOL | REMARKS |
|---|--|--|
| For Control of: <i>Pythium</i> and <i>Phytophthora</i> 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. | 3 fl oz per 10 gallons of water 3 fl oz per 10 gallons of water 2 fl oz per 10 gallons of water 2 fl oz per 10 gallons of water | 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. Seeding: Apply to the seeding area using 3 quarts of solution/10 sq ft. Treat before sowing of seeds requiring light and after covering of seeds requiring dark for germination. Transplanting (Seedlings): Apply to the transplanting area using 3 quarts of solution/10 sq ft before transplanting. Transplanting (Cuttings): Drench the cutting bed using 2 gallons of solution /10 sq ft before setting. Potting: Dip bare root plants in the solution before potting. After potting drench each pot using 3.5 fl oz of solution per 4 inch pot. Repeat the drench treatment at 6 week intervals. |
| Woody Ornamentals | 2.5 fl oz per 10 gallons of water | For control of <i>Phytophthora</i> sp. on woody ornamentals, drench each container at the rate of 5 quarts of solution/10 sq ft of surface. Repeat the drench treatment at 3 to 4 month intervals. |

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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 must be followed carefully. However, it is impossible to eliminate all risks associated with the 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 Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

Produced for

Bayer Environmental Science
A Business Group of Bayer CropScience LP
PO Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

NOTIFICATION
FEB 24 2009

