



# AgrEvo<sup>®</sup>

# Banol<sup>®</sup>C

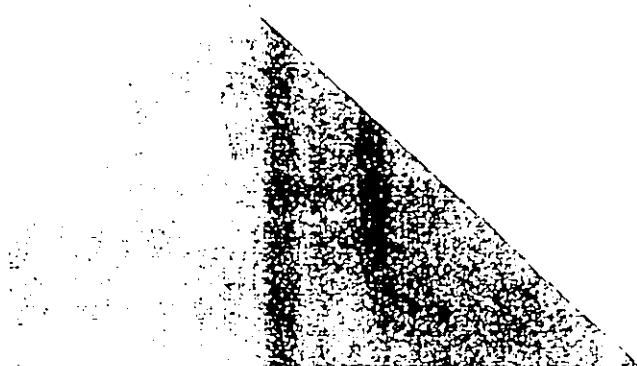
NOV 22 1999

**FUNGICIDE**

**ACCEPTED**

6661 22 AON

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45639-216



## TURF & ORNAMENTAL FUNGICIDE

For Control of Diseases in Turf and Ornamentals

NOT FOR SALE OR USE IN CALIFORNIA

NOT FOR USE ON SOD FARMS IN ARIZONA

<b>ACTIVE INGREDIENTS:</b>	
Propamocarb hydrochloride, Propyl {3-(dimethylamino)propyl} carbamate monohydrochloride)	30.5%
Chlorothalonil, (Tetrachloroisophthalonitrile)	30.5%
<b>OTHER INGREDIENTS:</b>	39.0%
<b>TOTAL</b>	<b>100.0%</b>
Contains 6.25 lbs. active ingredient per gallon	
Protected by U.S. Patent No. 4,959,388	
EPA Reg. No. 45639-216	
EPA Est. No. 407-IA-1	

**KEEP OUT OF THE REACH OF CHILDREN**

**DANGER – PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**FIRST AID :**

**If swallowed:** Call a physician or poison control center. Rinse mouth with water if conscious. Do NOT induce vomiting. Keep patient at rest and seek medical advice.

**If in eyes:** Hold eyelids open and flush with a steady, gentle stream of water. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR INJURIES, CALL 1-800-471-0660 (24 HOURS/DAY).

For Product Information,  
Call Toll Free: 1-800-331-2867.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles or face shield. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash contaminated clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical resistant (such as nitrile or butyl) gloves.
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in 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.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "Applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. 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 high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from the treated areas.

### GENERAL INFORMATION

BANOL C<sup>®</sup> is a water dispersible fungicide concentrate. BANOL C is intended for use on turfgrass or ornamental species which are subject to *Pythium* Blight (Cottony Blight, Grease Spot), *Phytophthora* spp., Brown Patch (*Rhizoctonia* spp.), Dollar Spot (*Sclerotinia homeocarpa*), Leaf Spot/Melting Out (*Drechslera* spp. including *D. poae*, *D. siccans*, *Bipolaris sorokiniana*, *Curvularia* spp.), Gray Leaf Spot (*Pyricularia grisea*, *P. oryzae*), and Red Thread (*Laetisaria fuciformis*). It may be used immediately after germination to control *Pythium* damping-off in turf, or on established turf to prevent or control *Pythium* Blight and/or the diseases noted above. BANOL C 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 C has been found to be compatible with many commonly used pesticides and fertilizer products. However, do not tank mix BANOL C with pesticides, surfactants, or fertilizers, unless your prior use has shown the combination physically compatible, effective, and noninjurious under your conditions of use. When tank mixing BANOL C with other products, observe all restrictions, precautions, and limitations which appear on the label of each product.

### 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 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 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) and restricted-entry interval. The requirements of this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker reentry into treated areas during the restricted entry interval (REI) of 48 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
- Chemical resistant (such as nitrile or butyl) gloves.
- Shoes plus socks
- Protective eyewear

### 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 or allow others to enter treated areas until spray deposit has dried completely.

### MIXING THE SPRAY

Add one-half of the required amount of water to the spray or mixing tank and start agitation. Add the required quantity of BANOL C Fungicide to the water and complete filling with water to the required total volume. Maintain agitation when filling the spray tank and during spray operations. Do not allow spray mixture to remain in the tank overnight, or for long periods during the day without agitation. If the spray mixture cannot be used within a reasonable period of time after mixing, and agitation cannot be maintained continuously, add an approved suspension aid (silica and alumina based) such as ASSIST and thoroughly mix prior to application.

### APPLICATIONS

BANOL C Fungicide may be applied via ground equipment or hydraulic backpack sprayers designed to deliver a uniform spray application. See dosage table below for rate and spray volume. BANOL C may be used in greenhouses.

### SPRAY DRIFT MANAGEMENT

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

### USE PRECAUTIONS

**Do not** apply more than 24 fluid ounces of BANOL C Fungicide per 1000 square feet in a single growing season. **Not for field nursery use.** To avoid spray drift, **do not** apply when winds exceed 10 mph.

**Do not** combine BANOL C in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use. **Do not** combine BANOL C with Dipel 4L, Latron AG-98, or Latron B-1956, as phytotoxicity may result from the combination when applied to some species on this label.

**Do not** mow or water after treatment until spray deposited on turfgrass is thoroughly dry; BANOL C should always be used in conjunction with good turf management practices.

TURFGRASS	AREA	Fluid Ounces BANOL C	REMARKS
For Control of: • Pythium Blight • Pythium Damping-Off on Established Turf and Overseeded Areas	1000 ft <sup>2</sup>	<i>Preventive Treatment:</i> 2.75-4 fluid oz. in 2-5 gallons of water.  <i>Curative Treatment:</i> 6-8 fluid oz. in 2-5 gallons of water.	<b>ESTABLISHED TURF:</b> Apply as a preventive treatment during periods of high temperature and humidity favorable to the development of Pythium Blight.  <b>OVERSEEDDED AREAS:</b> Apply after germination to control Pythium Damping-Off.  <b>RETREATMENT:</b> Retreat at 7 to 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.
For Control of: • Dollar Spot • Brown Patch • Leaf Spot, Melting Out • Gray Leaf Spot • Red Thread	1000 ft <sup>2</sup>	<i>Preventive Treatment:</i> 4-8 fluid oz. in 2-5 gallons of water.	<b>ESTABLISHED TURF:</b> Apply as a preventive treatment during periods considered favorable to disease development.  <b>RETREATMENT:</b> Retreat at 7 to 14 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.  <b>Do not apply more than 24 fl. oz. (1.17 lb. a.i.) of Banol C per 1000 ft<sup>2</sup> of turfgrass per year, equivalent to 26 lb. a.i./acre/year each of propamocarb and chlorothalonil, respectively.</b>

ORNAMENTALS	Fluid Ounces BANOL C	REMARKS
For Control of <i>Pythium</i> and <i>Phytophthora</i> , <i>Rhizoctonia</i> and other diseases on Ornamental Plants		BANOL C does not cause phytotoxic symptoms on the listed plants when used as directed. Trials on other ornamental species should be conducted before extensive use
Azalea, Carnation, Chrysanthemum, Easter Lily, Ferns, Geranium, Impatiens, Lobelia, Pansy, Petunia, Poinsettia, Violet	6 fl. oz. per 10 gallons of water  6 fl. oz. per 10 gallons of water  4 fl. oz. per 10 gallons of water  4 fl. oz. per 10 gallons of water	<b>Seeding:</b> Apply to the seeding area using 3 quarts of solution/10 ft <sup>2</sup> . Treat before sowing of seeds requiring light and after covering of seeds requiring dark for germination.  <b>Transplanting (Seedlings):</b> Apply to the transplanting area using 3 quarts of solution/10 ft <sup>2</sup> before transplanting.  <b>Transplanting (Cuttings):</b> Drench the cutting bed using 2 gallons of solution/10 ft <sup>2</sup> before setting.  <b>Potting:</b> Dip bare root plants in the solution before potting. After potting, drench each pot at the rate of 7 fl. oz. of solution per 4-inch pot. Repeat the drench treatment at 6-week intervals.
Woody Ornamentals	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 ft <sup>2</sup> of surface. Repeat the drench treatment at 3- to 4-month intervals.

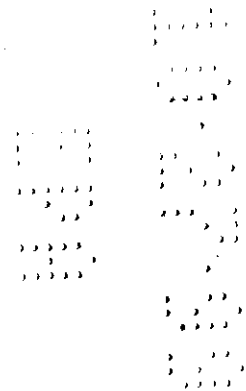
### STORAGE AND DISPOSAL

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:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Do not reuse empty container. 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.



### TRADEMARK INFORMATION

Banol is a registered trademark of AgrEvo USA Company.

Dipel is a registered trademark of Abbott Laboratories.

Latron is a trademark of Rohm and Haas Company.

**IMPORTANT: READ BEFORE USE**

By using this product, user or buyer accepts the following conditions, warranty, 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 extreme weather and soil conditions, manner of use and other factors beyond AgrEvo USA Company's control, it is impossible for AgrEvo USA Company 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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