

Reg # 45639-88

PM-21

125

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	☐ Registration ☐ Amendment ☒ Other	OPP Identifier Number 185949
	Application for Pesticide:		

Section I

1. Company/Product Number 45639-88	2. EPA Product Manager Susan Lewis	3. Proposed Classification ☒ None ☐ Restricted
4. Company/Product (Name) BANOL	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) NOR-AM Chemical Company Little Falls Centre One 2711 Centerville Road Wilmington, DE 19808 <i>Check if this is a new address</i>		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section II

☐ Amendment - Explain below	☐ Final printed labels in response to Agency letter dated _____
☐ Resubmission in response to Agency letter dated _____	☐ "Me Too" Application.
☒ Notification - Explain below.	☐ Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification: Compliance with PR-Notice 93-3

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 93-3

BEST AVAILABLE COPY DATE 7/1/93

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging ☐ Yes ☐ No	Unit Packaging ☐ Yes ☐ No	Water Soluble Packaging ☐ Yes ☐ No		☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information ☐ Label ☐ Container		4. Size(s) of Retail Container		5. Location of Label Directions ☐ On Label ☐ On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product ☐ Lithograph ☐ Paper glued ☐ Stenciled		☐ Other _____			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Richard R. Stevens	Title Registration Project Manager	Telephone No. (Include Area Code) 302-892-3034
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Project Manager	
4. Typed Name Richard R. Stevens	5. Date June 3, 1993	

SPECIMEN LABEL

295
NOTIFICATION
LABEL NOT REVIEWED
PER FR NOTICE 88-6

DATE

7/1/93

BEST AVAILABLE COPY

Banol[®]

TURF AND ORNAMENTAL FUNGICIDE

For Control of Pythium and Phytophthora

NOT FOR SALE OR USE IN CALIFORNIA.
NOT FOR USE ON SOD FARMS IN ARIZONA.

ACTIVE INGREDIENT:

Propamocarb hydrochloride*

INERT INGREDIENTS:

TOTAL

66.5%

33.5%

100.0%

*Propyl [3-(dimethylamino)propyl] carbamate monohydrochloride

Contains 0.1% of a non-flammable solvent

EPA Reg. No. 45639-88

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

KEEP OUT OF REACH OF CHILDREN CAUTION — PRECAUCION STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Obtain medical attention immediately. See Note to Physician.

IF INHALED: Remove to fresh air, support respiration, and seek medical aid.

IF IN EYES: Immediately flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with soap and water.

NOTE TO PHYSICIAN: Do not administer atropine or anticholinergic drugs to patient who has distinct symptoms thereof. Oxime therapy is contraindicated. Other drugs administered should be given in conjunction of vomiting followed by application of activated charcoal is the recommended treatment.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NOR-AM
NORAM HERBICIDE COMPANY
A Division of

SPECIALTY PRODUCTS DIVISION
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

NET CONTENTS:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION**

May be harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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 enter treated areas until spray deposit has dried.

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.

IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.

GENERAL INFORMATION

BANOL® 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, PROXOL® 80SP (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 all directions and restrictions appearing on the labels of these products.

IMPORTANT: READ BEFORE USE

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

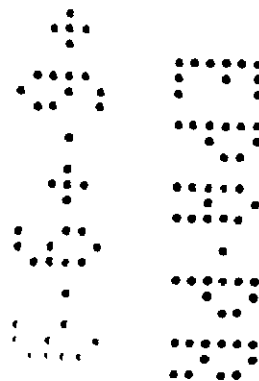
CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated 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.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE 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 NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

© NOR-AM Chemical Company, 1991

BEST AVAILABLE COPY



DIRECTIONS FOR USE

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

TURFGRASS	AREA	Fluid Ounces BANOL	REMARKS
For Control of Pythium Blight and Pythium Damping-Off on Established Turf and Overseeded Areas	1000 ft ²	Preventative Treatment: 1½–2 fluid oz. in 2–5 gallons of water.	ESTABLISHED TURF: Apply as a preventive treatment during periods of high temperature and humidity favorable to the development of Pythium Blight.
		Curative Treatment: 3–4 fluid oz. in 2–5 gallons of water.	OVERSEEDDED AREAS: Apply after germination to control Pythium Damping-Off. 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.

BANOL 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.	3 fl. oz. per 10 gallons of water	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 square feet. Treat before sowing of seeds requiring light and after covering of seeds requiring dark for germination.
	3 fl. oz. per 10 gallons of water	Transplanting (Seedlings): Apply to the transplanting area using 3 quarts of solution/10 square feet before transplanting.
	2 fl. oz. per 10 gallons of water	Transplanting (Cuttings): Drench the cutting bed using 2 gallons of solution/10 square feet before setting.
	2 fl. oz. per 10 gallons of water	Potting: Dip bare root plants in the solution before potting. After potting drench each pot at the rate of 3½ fl oz of solution/4 inch pot. Repeat the drench treatment at 3 to 6 week intervals.
Woody Ornamentals	2.5 fl. oz. per 10 gallons of water	For control of <i>Phytophthora</i> sp. 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.

June 2, 1993

Attn: Ms. Susan Lewis (PM21)
Document Processing Desk
Office of Pesticide Programs - H7505C
U. S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

NOR-AM Chemical Company

3509 Silverside Road
P.O. Box 7495 • Wilmington, DE 19803
Telephone (302) 477-3000
Telefax (302) 477-3013

Subject: **BANOL**
EPA Reg. No. 45639-88
Notification of Compliance with PR Notice 93-3

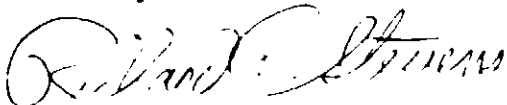
Dear Ms. Lewis:

NOR-AM Chemical Company hereby makes notification to the Agency of insertion of the newly revised water/wetlands statement and replacement of the previous statement in the Environmental Hazards section of the BANOL label. This action is to comply with the label changes required by PR NOTICE 93-3, and is in accordance with the notification procedure promulgated in PR NOTICE 88-6 and 40 CFR 152.46.

In support of this notification, I enclose a completed EPA Form 8570-1 and five (5) copies of the revised labeling.

If you have any questions concerning this action, please contact me at this office, telephone (302) 892-3034.

Sincerely,



Richard R. Stevens
Registration Project Manager

RRS:mab
8393.rrs

