

PM 23

4-NOTIFICATION  
-296 11/31/97

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

255329

Application for Pesticide - Section I

1. Company/Product Number <i>4-296</i>	2. EPA Product Manager <i>Joanne Miller</i>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <i>Bonide Surf Ornamental Herbicide 750g WP</i>	PM# <i>23</i>	
5. Name and Address of Applicant (Include ZIP Code) <i>Bonide Products, Inc 2 Wurg Ave Yorkville, NY 13495</i> <input type="checkbox"/> Check if this is a new address	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

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

*To restate rates for homeowner use (rates have not changed - just downsized for homeowner use.) Five labels enclosed with changes highlighted.*

Section - III

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

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <i>Annabel Olson</i>	Title <i>Registration Specialist</i>	Telephone No. (Include Area Code) <i>315-736-8231</i>
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 <i>Annabel Olson</i>	3. Title <i>Same</i>	
4. Typed Name <i>Annabel Olson</i>	5. Date <i>9/24/96</i>	

# Weed Preventer

Contains DACTHAL® 75% W.P.

8 OZ. TREATS UP TO 1500 SQ. FT.

*W·e·t·t·a·b·l·e P·o·w·d·e·r*

TRUSTED SINCE 1926  
**BONIDE**



Controls crabgrass,  
bluegrass, veronica  
filiformis (creeping  
speedwell).  
Use on turf  
ornamentals &  
nursery stock.

# Weed Preventer

Contains DACTHAL® 75% W.P.

Controls crabgrass, bluegrass,  
veronica filiformis (creeping speedwell).  
Use on turf ornamentals & nursery stock.

EPA Est. No. 4-NY-1 (1), 769-GA-1 (2), 55179-IN-1 (3),  
44616-MO-1 (4).

EPA Reg. No. 4-296

The last digit in the lot No. indicates EPA Establishment  
location.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See inside panel for additional Precautionary Statements

Buyers Guarantee  
limited to label claims

Manufactured by  
BONIDE  
PRODUCTS, INC.  
Yorkville, NY 13495  
8oz. (1/2 lb.)



MADE IN U.S.A.  
PRINTED IN U.S.A.  
MOSS PRINTING, CHICAGO, ILL. 60646

CONSUMER  
**EASY TAB**  
FOR EASY IDENTIFICATION

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## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING: Wear long-sleeved shirt and long-legged pants and chemical resistant gloves. IMPORTANT— If the pesticide comes in contact with skin wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

**AFTER USE**— Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Do not reuse contaminated clothing. Clothing worn during use must be laundered separately from household articles. Do not graze on treated areas or feed plant refuse to livestock.

### STATEMENT OF PRACTICAL TREATMENT

*If in Eyes:* Flush with plenty of water. Call a physician if irritation persists.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment wastewater. Groundwater Advisory—Tetrachlorophthalic acid, a breakdown product of Dacthal, is known to leach through soil as a result of agricultural and turf uses and has been found in groundwater which may be used for drinking water. Users are advised not to apply Dacthal to sand and loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e. well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater used for drinking water.

## DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

**Storage:** Do not store near feed and foodstuffs, seeds, fertilizer, or other pesticides in order to prevent contamination. Bonide Weed Preventer is a wettable powder so store in a dry place. Wash out the spray tank thoroughly after use.

**Disposal:** Do not reuse empty container. Wrap container and put in trash collection.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

**Preparation and Application of the Spray:** Bonide Weed Preventer should be thoroughly mixed in the spray tank with water to provide for broadcast application of at least 1/2 gallon of water per 1000 sq. ft. depending on equipment and local practices. In order to insure uniform suspension in the spray tank, Bonide Weed Preventer should be premixed in a clean container at the rate of about 1/2 to 1 lb. of water. This mixture should be stirred until a slurry is formed and then added to the spray tank during or after filling. Adequate agitation should be maintained during filling and spraying to keep material in uniform suspension. Use nozzles suitable for applying wettable powders so that the spray can be uniformly distributed over turf or properly prepared soil surface. Any screen or strainer in spray equipment should be no finer than 50 mesh to prevent clogging. It is essential that the sprayer be properly calibrated before making applications. Hose end and pressure sprayers are suitable.

A minimum of one-fourth inch of water, either as rain or irrigation, is necessary to activate Bonide Weed Preventer and thereby obtain preemergence control of weeds specified. Normally, water must be applied within 3 to 5 days of application if sufficient rainfall does not occur. However, when surface soil is dry but sub-surface soil contains enough moisture to germinate weeds, water must be applied immediately.

**Turf:** Application at the rate of 1/2 lb. of Bonide Weed Preventer from 1/2 to 3 gals. water per 1500 sq. ft. gives excellent control of crabgrass and other weeds as listed on this label. One application applied in early spring before weed seed germination usually provides seasonal control. Crabgrass seed germination usually coincides with the time when Puccinia blossoms start to fall. In areas which commonly experience stands of late-germinating crabgrass and other annual weedy grasses, a second application at half the regular rate can be safely made two months after the first application. In order to control annual bluegrass (*Poa annua*) and other erratic or late-germinating grasses and weeds in northern states, a late summer or early fall application before weed seed germination of *Poa annua* and other weeds is recommended. In areas where *Poa annua* is a problem, Bonide Weed Preventer in spray tanks should supplement the early spring application. Earlier applications are required in southern United States. Consult agricultural experiment station or extension service weed specialist for date *Poa annua* seed germinates in your area and make application at least two weeks prior to this date.

Early spring application of Bonide Weed Preventer may be made to new turfgrass seedlings after the grasses have exhibited a uniform greening of the newly sprouted grass, preferably when 1 to 2 inches in height. Such Bonide Weed Preventer application gives control of crabgrass without injury to newly-emerged grass. Fall sowing of permanent grasses can follow early spring application of Bonide Weed Preventer. Where some spring seedling is necessary, there should be a

delay of approximately 60 days after the application of most preemergence herbicides, including Bonide Weed Preventer. This delay increases the survival of desirable grasses.

Bonide Weed Preventer is not recommended for use on putting greens.

Bonide Weed Preventer is not recommended for use on bent grasses mowed at putting green height.

For control of creeping speedwell (*Veronica filiformis*), apply Bonide Weed Preventer from 1/2 to 3 gals. water per 1500 sq. ft. as a postemergence spray when creeping speedwell is growing vigorously. Spring or early fall applications are usually suitable, provided temperatures are between 65° and 90°F, and there is ample soil moisture. Thorough coverage is essential. Delayed control of creeping speedwell is to be expected and will be manifested first by a gradual loss of color and vigor.

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## FOR USE ON TURF

	To Control	When to apply	Rate of Bonide Weed Preventer	Remarks
Established turf	Crabgrass	Early spring, before crabgrass and other spring annual weed seeds germinate.	Apply at 2.2 lbs. per 1,000 sq. ft.	Apply before Forsythia blossoms start to fall. A second application at half the recommended rate may be made 2 months after the first application if necessary.
	Annual bluegrass (Poa annua)	Late summer or early fall in northern states before weed seed germination. Consult agriculture experiment station or extension weed specialist for date Poa annua germinates in your area and make application at least 2 weeks prior to this date.	Apply at 2.2 lbs. per 1,000 sq. ft.	Should be used following an early spring application for crabgrass control.
	Creeping speedwell (Veronica filiformis)	As a postemergence spray in spring or early fall when creeping speedwell is growing vigorously, there is ample soil moisture and temperature is between 63° and 90° F.	Apply at 2.2 lbs. per 1,000 sq. ft.	Apply spray to obtain thorough coverage of foliage. Delayed control of creeping speedwell, approximately 30 days, is to be expected and will be noticed first by a gradual loss of color and vigor.
Newly seeded turf	Crabgrass	After new turfgrass seedlings have exhibited a greening of the newly sprouted grass (about 1 to 2 inches high).	Apply at 2.2 lbs. per 1,000 sq. ft.	Allows crabgrass control without injury to new turf.

Caution: After Bonide Weed Preventer treatment, wait approximately 60 days before any new seeding is undertaken. DO NOT use on Dichondra. Nursery Stock: Bonide Weed Preventer can be applied to a wide range of nursery stock at the rate of 1/2 lb. in 1 1/2 to 3 gals. water per 1,000 sq. ft.

Applications should be made to soil recently cultivated to a uniform texture. These can be made immediately following lining-out of stock. With established plantings, application should be made following proper cultivation to remove existing weeds. Where possible, this should be done early in the spring. Late summer application may prove beneficial for control of fall germinating weeds, if made following cultivation. Weed control up to three months or more may be expected following proper application.

Bonide Weed Preventer is specifically recommended for weed control with ornamentals, except DO NOT USE on the following plants: Bugleweed, Button pink, Carnation, Ceanothus, Geranium, Mesembryanthemum, Pansy, Phlox, Sweet William, Tulanthera.

General Information: Bonide Weed Preventer is a wettable powder formulation for use in preemergence application for control of crabgrass and other annual grasses and certain broadleaved weeds on mineral soils in turf and nursery stock. The following weeds are grouped according to their susceptibility to Bonide Weed Preventer. Susceptible: (Controlled at recommended rates): Common lambsquarters, smooth crabgrass, large crabgrass, love grass, carpetweed, witchgrass, purslane, Florida pusley, yellow foxtail, green foxtail, common chickweed. Moderately Susceptible: (Higher rates required for effective control): Redroot pigweed, sandbar, dodder, barnyard grass, goosegrass, browntop panicum, ground cherry, annual bluegrass, johnson grass (from seed). Tolerant: Velvet leaf, common ragweed, johnson grass established from rhizomes, mustards, johnsonweed, galinsoga, smartweed, nutsedge. Bonide Weed Preventer may be used as postemergence herbicide for the control of creeping speedwell.

Buyer's guarantee limited to label claims and refund of purchase price.

Manufactured by  
BONIDE PRODUCTS, INC. • YORKVILLE, NY 13495

Trusted since 1926  
**BONIDE  
PRODUCTS, INC.**

Complete directions for use have  
been removed!

**KEEP OUT OF REACH OF  
CHILDREN**  
Dispose of properly  
Buyer's Guarantee limited to label claims

Questions, Concerns or comments?  
Write to  
**BONIDE PRODUCTS, INC.**  
Consumer Services  
2 Wurz Ave.  
Yorkville, NY 13495

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