

PM 21

45639-208

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

45639-208

Date of Issuance:

Feb 13 1997

Term of Issuance: Conditional

Name of Pesticide Product:

ProStar® 70WP

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

AgrEvo USA Company  
Little Falls Centre One  
2711 Centreville Road  
Wilmington, DE 19808

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that:

1. You submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You submit five copies of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

*Connie B. Welch*  
Connie B. Welch, PM 21

Date:

2/12/97



# ProStar 70WP

## FUNGICIDE

For Use on Turf  
In Water-Soluble Packaging

**ACTIVE INGREDIENT:**

N-[3-(1-methylethoxy) phenyl]-2-(trifluoromethyl)  
benzamide

Percent by weight

70.0%

**INERT INGREDIENTS:**

30.0%

**TOTAL**

100.0%

Manufactured under license from Nihon Nohyaku Co., Ltd., Tokyo, Japan.

EPA Reg. No. 45639-

U.S. Patent No. 4,093,743

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 13 1997

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

45639-208

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

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 800-228-5635, EXT. 202.

AgrEvo USA Company  
Little Falls Centre One  
2711 Centerville Rd.  
Wilmington, DE 19808

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RECD EPA/OPP/DPD1

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

Causes moderate eye irritation. Harmful if absorbed through the skin. AVOID contact with eyes, skin or clothing.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

**USER SAFETY RECOMMENDATIONS**

Do not eat, drink, smoke, or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water. Do not use the toilet before thoroughly washing hands.

If this product penetrated through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash your body thoroughly, and put on clean clothing and equipment before resuming the handling activity.

After handling this product, remove personal protective equipment immediately. Wash the outside of gloves before taking them off. Shower or wash thoroughly and change into clean clothing as soon as possible.

Discard clothing and personal protective equipment that cannot be reused, including clothing and other absorbent materials that have been drenched or thoroughly contaminated with this product's concentrate. Otherwise, wash clothing and personal protective equipment (including both the inside and outside of gloves) before each day of reuse according to manufacturer's directions or, if no such directions, in detergent and hot water. Keep and wash them separately from other laundry.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. For terrestrial uses, do not apply to water, 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.

This labeling MUST be in possession of the user at the time of pesticide application.

Do not apply this product through any type of irrigation system.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE**

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

**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.

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.

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 12 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
- Gloves
- Shoes plus socks

**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.

## GENERAL INFORMATION

PROSTAR® 70WP is a systemic fungicide recommended for control of diseases of turf caused by Basidiomycetes. This product should be used particularly for control of *Rhizoctonia* Brown Patch, and has excellent safety on Kentucky bluegrass, creeping bentgrass, perennial ryegrass, red fescue, tall fescue, bermuda grass, St. Augustine grass, and zoysia grass.

**APPLICATION AND DOSAGE:** Apply the recommended amount of PROSTAR 70WP in 2 to 5 gallons of water per 1,000 square feet, unless otherwise specified. For best results, spray the treated area uniformly, using equipment such as flat fan nozzles. Use 50 mesh or larger screens. Avoid mowing for 24 hours after application and do not irrigate until spray has dried on grass, unless otherwise noted. When non-labeled diseases are also present, PROSTAR 70WP may be tank-mixed with appropriate labeled fungicides if the products are physically compatible.

**DOSAGE TABLE\***

Disease	Rate of ProStar 70WP/1000 sq. ft.	Coverage per 1.0 lb. water-soluble bag (sq. ft.)	Timing (days)
Brown Patch (Preventative)	1.5 to 2.2 oz.	12,000	14-21
(Curative)	2.2 oz.	8,000	14
Red Thread/Pink Patch			
Yellow Patch/Southern Blight	1.5 oz.	12,000	21-28
Fairy Ring	4.5 oz.	4,000	30
Gray Snow Mold	3.0 oz.	6,000	Prior to
	3.75 oz.	4,800	Permanent
	4.5 oz.	4,000	Snow-cover
Large Brown Patch	2.2 oz.	8,000	30

\*See specific directions for each disease below:

### BROWN PATCH (*Rhizoctonia solani*):

**Preventative:** Apply 1.5 to 2.2 oz. of PROSTAR 70WP per 1,000 square feet in 2 to 5 gallons of water prior to initial signs of disease development. Repeat after a 14-21 day interval if conditions favor disease development.

**Curative:** Apply 2.2 oz. of PROSTAR 70WP per 1000 square feet in 2-5 gallons of water to turf with active brown patch. Make a second application 14-21 days later, if conditions favor disease development.

### Tank-Mixes:

- ☐ PROSTAR 70WP does not control dollar spot. If *Sclerotinia* dollar spot and brown patch occur simultaneously, tank-mix PROSTAR 70WP at 1.52 oz. per 1000 square feet in 2-5 gallons of water with other registered fungicides, including Bayleton® to control both diseases. Repeat application 21-28 days later if needed.
- ☐ PROSTAR 70WP does not control grey leaf spot, *Curvularia* leaf spot, or algae. In areas where these problems occur simultaneously with brown patch, tank-mix appropriate fungicides at recommended rates with PROSTAR 70WP.

**CAUTION:** Do not use water-soluble PVA packets in a tank mix with products that contain Boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such as oils, kerosene, gasoline, or alcohol.

**RED THREAD (*Laetisaria fuciformis*), PINK PATCH (*Limonomyces roseipellis*), YELLOW PATCH (*Rhizoctonia cerealis*), and SOUTHERN BLIGHT (*Sclerotium rolfsii*):**

Apply 1.5 oz. PROSTAR 70WP per 1,000 square feet in 2 to 5 gallons of water prior to or after initial signs of disease development and repeat after 21–28 days if needed.

**FAIRY RING (including *Marasmius* spp., *Lepiota* spp., *Agaricus* spp.):**

PROSTAR 70WP, applied at 4.5 oz./1000 square feet in 10–50 gallons of water per 1000 square feet may suppress the development of fairy ring caused by various basidiomycete pathogens. Application should be made as a spot treatment to the affected area at the first sign of ring development (greening, death of turf, mushrooms). Symptom suppression may be temporary and symptoms may re-occur. In these cases, a second application at 4.5 oz./1000 square feet is suggested, not less than 30 days after the first application. Aerification prior to subsurface applications has been beneficial in some cases. Use of a non-ionic surfactant in combination with PROSTAR 70WP is recommended. Treated areas should be irrigated prior to and after application with sufficient water to maintain growth of turf. Disease control is improved if turf is maintained at optimum fertility levels after symptom development. Turf that has been damaged extensively by fairy ring development may have to be re-seeded. Do not treat more than 10,000 square feet per acre of turf area.

**GRAY SNOW MOLD (*Typhula* spp.):**

Apply 3.0 to 4.5 oz. of PROSTAR 70WP per 1,000 square feet of green or tee area in 2 to 5 gallons of water in the fall prior to permanent snow-cover. Use of a wetting agent has proven beneficial. If Pink Snow Mold (*Fusarium nivale*) is also suspected, PROSTAR 70WP may be tank-mixed with products labeled for control of that disease. Prior to application, both products should be mixed in small volumes to ascertain physical compatibility. Do not treat more than 10,000 square feet per acre of turf area.

**LARGE BROWN PATCH (*Rhizoctonia solani*) of ZOYSIA GRASS (formerly Zoysia Patch):** Apply ProStar 70WP in the fall or spring for control of large brown patch on zoysia grass. Disease control is more effective if made prior to or after initial symptom development. Apply 2.2 oz. of PROSTAR 70WP per 1000 square feet in 2–5 gallons of water and repeat 30 days later if symptoms persist. A non-ionic surfactant is recommended for best results. Fall applications may suppress disease development in the following spring.

### USE PRECAUTIONS

For use rates over 2.2 oz. per 1,000 square ft., do not apply ProStar 70WP within 100 ft. of any estuary or marine habitat or within 100 feet of any ditches, drainage tiles, or other waterways that drain directly into (within 1/2 mile) estuaries or marine habitats.

Apply no more than a combined total of 4.5 oz. ProStar 70WP per 1000 square feet as a broadcast application during a single growing season.



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**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.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo USA Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo USA Company disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

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