



ProStar[®] 70 WP

FUNGICIDE

Specimen Label

**IN WATER SOLUBLE PACKAGING
For Use On Turf**

ACTIVE INGREDIENT:

FLUTOLANIL: N-[3-(1-methylethoxy) phenyl]-2-(trifluoromethyl) benzamide	70.0%
INERT INGREDIENTS:	30.0%
TOTAL	100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

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.

EPA Reg. No. 432-1223

EPA Est. No.

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION
EMERGENCIES OR INQUIRIES, CALL
1-800-334-7577 (24 HOURS/DAY).

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

NET CONTENTS:

chipco[®]
Professional Products

AVENTIS ENVIRONMENTAL SCIENCE USA LP
95 Chestnut Ridge Road ♦ Montvale, NJ 07645

**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.

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 [40CFR Part 170.240(d)(4-6)], the handler requirements may be reduced or modified as specified in the WPS.

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.

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

When packed in Water-Soluble Containers:

Completely empty box into application equipment, then dispose of box 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 THIS CONTAINER,
DESTROY WHEN EMPTY.**

When packed in 35 lb. Drums:

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.

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

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.

**GENERAL INFORMATION
FOR USE ON TURF**

PROSTAR® 70WP is a systemic fungicide recommended for control of diseases of turf caused by Basidiomycetes fungi. 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, bermudagrass, St. Augustinegrass, and zoysiagrass. When used

on turf, do not apply this product through any type of irrigation system.

APPLICATION AND DOSAGE

Apply the recommended amount of PROSTAR 70WP Fungicide in 2 to 5 gallons of water per 1,000 square feet as a broadcast application, unless otherwise specified. (See *Fairy Ring* directions.) Add appropriate amount of water to the spray tank.

Drop the water soluble bag into the tank, and allow the bag to dissolve for 5 minutes prior to agitation. The bag may float, but do not disturb it. Agitation may be started once the bag begins to disintegrate in the spray tank solution.

If PROSTAR 70WP is to be tank mixed with an appropriately labeled fungicide or other product to control another pest, add PROSTAR 70WP first.

After the PROSTAR 70WP bag is completely dissolved, add the mixture partner.

Prior to spraying with a tank mixture not specified on this label, it is advisable to determine if the products are physically compatible.

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 nonlabeled 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 per 1000 sq. ft.	Coverage (ft ²) per 1 lb. of ProStar 70WP	Timing (days)
Brown Patch (Preventative)	1.5–2.2 oz	11,000–7,500	14–21
	3.0 oz.	5,500	14
Fairy Ring (Preventative)	2.2 oz.	7,500	21–28
	4.5 oz.	3,500	30
Red Thread/ Pink Patch	1.5 oz.	11,000	21–28
Yellow Patch/ Southern Blight			
Gray Snow Mold		5,500	Prior to permanent snow cover
	3.75 oz.	4,500	
	4.5 oz.	3,500	
Large Brown Patch	2.2 oz.	7,500	30

*See specific directions for each disease below.

BROWN PATCH (*Rhizoctonia solani*):

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

Curative: For turf with active brown patch, apply 3.0 oz. of PROSTAR 70WP Fungicide per 1000 square feet in 2 to 5 gallons of water to turf with active brown patch. Make a second application 14 to 21 days later, if conditions favor disease development.

Tank Mixes:

- PROSTAR 70WP Fungicide does not control dollar spot. If Sclerotinia dollar spot and brown patch occur simultaneously, tank mix PROSTAR 70WP at 1.5 oz. per 1000 square feet in 2 to 5 gallons of water with other registered fungicides, such as

PCNB, Bayleton®, Banner® Maxx, Eagle®, or Sentinel®, to control both diseases. Repeat application 21 to 28 days later if needed.

- PROSTAR 70WP Fungicide does not control gray 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.
- Follow the label directions for the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing.

When packed in Water-Soluble Bags:

PRECAUTION: 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.

FAIRY RING

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

Preventative: PROSTAR 70WP Fungicide, applied in 10 to 50 gallons of water at 2.2 oz. per 1000 square feet, may suppress the development of fairy ring caused by various basidiomycete pathogens. A second application may be made at a 21- to 28-day interval using the same dosage rate.

Curative: PROSTAR 70WP Fungicide, applied in 10 to 50 gallons of water at 4.5 oz. per 1000 square feet, may suppress the development of fairy ring caused by various basidiomycete pathogens. Application should be made to the affected area at the first sign of ring development (greening, death of turf, mushrooms). Symptom suppression may be temporary and symptoms may reoccur. In these cases, a second application at 4.5 oz. per 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 nonionic 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 reseeded. **Do not treat more than 10,000 square feet per acre of turf area.**

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

Apply 1.5 oz. PROSTAR 70WP Fungicide 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 to 28 days if needed.

GRAY SNOW MOLD (*Typhula* spp.):

Apply 3.0 to 4.5 oz. of PROSTAR 70WP Fungicide 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, such as PCNB, Bayleton, or Banner Maxx. 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 ZOYSIAGRASS (formerly *Zoysia* Patch):

Apply PROSTAR 70WP Fungicide in the fall or spring for control of large brown patch on zoysiagrass. 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 to 5 gallons of water and repeat 30 days later if symptoms persist. A nonionic 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 Fungicide 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 $\frac{1}{2}$ mile of) 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.

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, 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 manner of use and other factors beyond Aventis Environmental Science's control, it is impossible 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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Eagle is a registered trademark of Rohm & Haas Company

Replaces: PS70WP-SL-2500M-Rev. 6/01

Revisions Include:

- Conditions Statement

DISCARD PREVIOUS LABELS!