


Notification

Please read Instructions on reverse before completing form.

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

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number <b>192074</b>
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Application for Pesticide:

Section I

1. Company/Product Number <b>2217-778</b>	2. EPA Product Manager <b>Robert Taylor</b>	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) <b>Pre-San® 7 G</b>	PM# <b>(PM 25)</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>PBI/Gordon Corporation PO Box 4090 1217 West 12th Street Kansas City, MO 64101</b> <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.

**NOTIFICATION:** Use additional page(s) if necessary. (For section I and Section II.)  
**Explanation:** (1) Revision of the wetlands warning statement in the Environmental Hazards section according to definition stated in Pesticide Regulation (PR) Notice 93-3, "Labeling Statement Prohibiting Application to Water", March 9, 1993. This is to certify that this notification meets every requirement of PR-Notice 88-6.  
 Three copies of the revised labeling are enclosed.

**NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-6**  
DATE **7/12/93**


Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Unit Package wgt. _____ No. per container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Package wgt. _____ No. per container _____	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of 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 <b>James A. Armbruster, Ph.D.</b>	Title <b>Mgr. Regulatory Services</b>	Telephone No. (Include Area Code) <b>(816) 421-4070</b>

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 <b>Mgr. Regulatory Services</b>	<b>BEST AVAILABLE COPY</b>
4. Typed Name <b>James A. Armbruster, Ph.D.</b>	5. Date <b>May 20, 1993</b>	

# PRE-SAN® 7 G

A SELECTIVE GRANULAR HERBICIDE  
FOR USE IN TURF, ORNAMENTALS  
AND GROUND COVERS

**ACTIVE INGREDIENT:**

S-(0,0-DIISOPROPYL PHOSPHORODITHIOATE)  
Ester of N-(2-MERCAPTOETHYL) BENZENESULFONAMIDE..... 7.00%

**INERT INGREDIENTS**.....93.00%  
**TOTAL** 100.00%

THIS PRODUCT CONTAINS 7 LB. OF ACTIVE INGREDIENT PER 100 LB.

Licensed under U.S. Patent No. 3,205,253; 3,298,819

**KEEP OUT OF REACH OF CHILDREN**

**NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-8  
DATE 7/12/93**

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush eyes with plenty of water for 15 minutes. Get medical attention.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Wash off with soap and water. Remove contaminated clothing, and wash before reuse.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally.

**DO NOT INDUCE VOMITING:** vomiting may cause aspiration pneumonia.

**Note to Physician:** If signs of cholinesterase inhibition occur, atropine by injection and 2 PAM are antidotal.

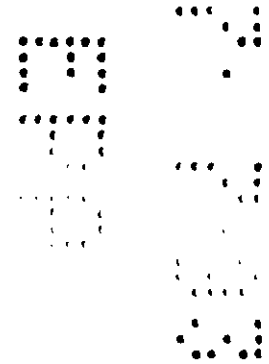
See back panels for additional Precautionary Statements.

NET WEIGHT 40 LB.

AP052093

EPA REG. NO. 2217-778  
EPA EST. NO. 2217-KS-

Mfd. by PBI/GORDON CORPORATION  
KANSAS CITY, MISSOURI 64101



**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals:**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Always wear protective clothing, goggles and respirator when applying pesticides. Do not contaminate feed or food. Keep children and pets off treated area until dry or material has washed into the soil.

**Environmental Hazards:** This product is toxic to fish. Do not apply when weather conditions favor drift from areas treated. For terrestrial uses, do not apply directly to water, 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.

**DIRECTIONS FOR USE**

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

**STORAGE & DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Stable at normal temperatures and humidities. Store in a dry place in a well-closed container.

**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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

PRE-SAN 7 G is recommended for use on mineral soils only.

Do not apply peat moss to lawn, ground covers or established ornamentals before treating with PRE-SAN 7 G.

Application of PRE-SAN 7 G must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from 4 to 6 weeks before it is visible above lawn sod. If weeds are visible above the soil it is too late apply PRE-SAN 7 G. Remove leaves, dead tall grass, and other debris before applying PRE-SAN 7 G to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying PRE-SAN 7 G.

**TIMING OF APPLICATION**

**GRASS LAWNS:** PRE-SAN 7 G should be applied only to well established grass lawns. It can be used on the following established turf grasses:

- |                   |                          |               |
|-------------------|--------------------------|---------------|
| Bahia             | Fescue spp.              | Poa Trivialis |
| Bentgrass spp.    | Pensacola Bahia          | Red Top       |
| Bermudagrass spp. | Perennial Bluegrass spp. | St. Augustine |
| Centipede         | Perennial Ryegrass       | Zoysia        |

**DICHONDRA LAWNS:** PRE-SAN 7 G can be applied to dichondra lawns at the time of seeding or any time thereafter.

**ORNAMENTALS AND GROUND COVERS:** PRE-SAN 7 G can be used for the following well-established ornamental and ground covers:

- |                   |                  |                 |
|-------------------|------------------|-----------------|
| ABELIA            | FREESIA          | PRIMROSE        |
| AJUGA             | GAZANIA          | PRIVET          |
| ALYSSUM           | GLADIOLUS        | PYRACANTHA      |
| ASTER             | HOLLY            | RANUNCULUS      |
| AZALEA            | HYPERICUM        | SANDANKWA       |
| AZARA             | ICE PLANT        | SEDUM           |
| BACHELOR'S BUTTON | IVY              | STAR JASMINE    |
| BOXWOOD           | JUNIPER          | STOCK           |
| CALENDULA         | MARIGOLD         | SWEET PEA       |
| CAMPANULA         | MONTEREY CYPRESS | TOBIRA          |
| CANDYTUFT         | MONTEREY PINE    | TULIP           |
| CORAL BELL        | MYRTLE           | WALL FLOWER     |
| DAFFODIL          | NARCISSUS        | WILD STRAWBERRY |
| DAHLIA            | PACHYSANDRA      | XYLOSMA         |
| DAISY             | PANSY            | ZINNIA          |
| DAPHNE            | PERIWINKLE       |                 |

For control of CRABGRASS, apply PRE-SAN 7 G at the recommended rate (see RATES OF APPLICATION) any time from fall - September or October - through early spring, for spring and summer control. With a late winter or an early spring application, the application must be made prior to crabgrass emergence (See PRODUCT INFORMATION).

For control of ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS apply PRE-SAN 7 G at the recommended rate (See RATES OF APPLICATION) before the weeds emerge from the soil.

In southern or western states where germination of crabgrass, annual bluegrass and other weeds extends into the late summer and early fall, a second application of PRE-SAN 7 G at the recommended rate should be made four to five months after the initial application.

Consult weed specialists of the State Agricultural Extension Service or the State Agricultural Experiment Stations for additional information, as the timing and rate of application needed will vary with local conditions.

PRE-SAN 7 G should be applied with a lawn spreader or any other applicator that will give uniform coverage. A more uniform application can be made by spreading half of the required amount of PRE-SAN 7 G over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by overlapping slightly. Sprinkle the area with water for 10 to 15 minutes after application to wash the PRE-SAN 7 G down into the soil where the weed seeds are located.

### RATES OF APPLICATION

Apply a maximum of 360 lb. of PRE-SAN 7 G per acre (8.4 lb. per 1,000 sq. ft.) per year in two or more applications depending on the weed species and degree of infestation.

**CRABGRASS:** Apply 105 lb. of PRE-SAN 7 G uniformly per acre or 2.5 lb. of product per 1,000 sq. ft. (This 40 pound bag will treat 16,500 sq. ft.)

**ANNUAL BLUEGRASS, GOOSEGRASS AND OTHER ANNUAL WEEDS:** Apply 180 lb. of PRE-SAN 7 G per acre or 4.2 lb. of product per 1,000 sq. ft. (This 40 pound bag will treat 10,000 sq. ft.)

PRE-SAN 7 G RATE TABLE AND SPREADER SETTING				
Make of Spreader	Desired Rate Per Acre	Desired Rate Per 1,000 Sq. Ft.	Spreader Settings	Spread Width
Cyclone	105 lb.	2.5 lb.	3.7	6 1/2 ft.
	180 lb.	4.2 lb.	4.4	6 1/2 ft.
Scott	105 lb.	2.5 lb.	3.6	20 in.
	180 lb.	4.2 lb.	4.8	20 in.

### PRODUCT INFORMATION

PRE-SAN 7 G is recommended for use on home lawns, parks and golf courses, on ornamental plants and on ground covers for control of crabgrass, annual bluegrass and other annual weeds listed.

### WEEDS CONTROLLED

Annual Bluegrass	( <i>Poa annua</i> )
Barnyardgrass	(Watergrass) ( <i>Echinochloa</i> spp.)
Deadnettle	(Henbit) ( <i>Lamium</i> spp.)
Fall Panicum	( <i>Panicum dichotomiflorum</i> )
Foxtails	( <i>Setaria</i> spp.)
Goosegrass	( <i>Eleusine indica</i> )
Hairy Crabgrass	( <i>Digitaria sanguinalis</i> )
Lambsquarters	( <i>Chenopodium album</i> )
Redroot Pigweed	( <i>Amaranthus retroflexus</i> )
Shepherdspurse	( <i>Capsella bursa-pastoris</i> )
Smooth Crabgrass	( <i>Digitaria ischaemum</i> )

(NOTE: PRE-SAN 7 G does not control established weeds.)

### RESEEDING

Any material that provides effective control of annual grasses may affect new lawn grass seedlings which germinate after treatment. Proper fertilization and watering will encourage the existing turf grass to fill in the thin or bare spots formerly occupied by crabgrass.

The following procedures are suggested in order to minimize any stunting of turf grasses which may occur when re-seeding into PRE-SAN 7 G treated areas:

1. Do not reseed within 4 months after application. Renovate the area to be reseeded by raking thoroughly to scarify the soil surface. Where practical, mix peat in with the soil to provide an optimum seedbed.
2. When turf disease or physiological disorders necessitate reseeding sooner than 4 months after PRE-SAN 7 G application, apply powdered activated charcoal prior to reseeding to deactivate the PRE-SAN 7 G. Apply the activated charcoal at a rate of 7 lb. in 14 gal. of water per 1,000 sq. ft. (300 lb. in 600 gal. of water per acre).

Following application, irrigate the turf with sufficient water to wash the charcoal into the soil. Reseed no sooner than 7 days after applying the charcoal.

**LIMITED WARRANTY AND DISCLAIMER.**

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tomadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

PRE-SAN® is a registered trademark of PBI/GORDON CORPORATION.

