

PM 25 400-457 11/2/95

TURFCIDE® 15G

TURF & ORNAMENTAL FUNGICIDE



ACCEPTED
AUG 17 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this pesticide is for the pesticide
registered under
EPA Reg. No. 400-457

COMPOSITION

Active Ingredient: (% by weight)	
Pentachloronitrobenzene (PCNB)	15%*
Inert Ingredients	85%
Total:	100%

*As Nominal
UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-
EPA EST. NO.

001WPS

Net Contents:

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

Causes moderate eye injury. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers (other than mixers and loaders) Must Wear: A long-sleeved shirt & long pants; and shoes plus socks.

Mixers and Loaders Must Wear: A long-sleeved shirt & long pants; waterproof gloves and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Cover, collect or incorporate spilled granules. 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.

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 responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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 intervals. 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.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- waterproof gloves
- shoes and socks.

Do not plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops.

GENERAL INFORMATION

TURFCIDE 15G is a preventative fungicide recommended for control of certain soil borne diseases of turf and certain ornamental crops.

Best results are achieved when used in a preventative program following recommended rates and application directions.

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Carefully read, understand and follow all label directions.

LAWNS AND TURF

TURFCIDE 15G is a fungicide for the prevention and control of certain soil borne diseases on golf courses, sod farms, home lawns and institutional areas where turf is grown.

Best results are obtained when TURFCIDE 15G is used as a preventative application before diseases appear, however, if you do not apply as a preventative treatment, TURFCIDE 15G should be applied at first sign of disease.

Areas treated with TURFCIDE 15G should be watered following application to move material down to the soil level.

If treated area is subjected to flooding or unusually heavy rainfall, or if disease is severe or reappears, the area should be treated again. Refer to the USE AND RATE RECOMMENDATIONS for retreatment intervals.

Do not graze treated areas or feed clippings to livestock. Under certain growing conditions, a temporary discoloration of the grass may occur. This causes no harm and will disappear in a short time.

SUGGESTED SPREADER SETTINGS

SPREADER MAKE	RATE / 1000 SQ. FT.		
	2 lbs.	3.3 lbs.	5.0 lbs.
CYCLONE	3 1/2	4 1/2	6
SCOTTS (DROP)	5 1/8	6 1/2	7 3/4
SCOTTS (ROTARY)	-	D 1/2	F
LELY	-	4 1/2	5 1/4
SEARS	6 1/4	6 3/4	7 1/2
SPYKER	2.8	3.2	3.6
JOHN DEERE	2.8	3.2	3.6
LESCO ROTARY	C	E	G
KARTHWAY ROTARY	8	10	11.5

These settings apply to 20/40 mesh granular carriers. The spreader settings listed are approximate. Age and condition of spreader as well as operator speed can cause wide variation.

Be sure to calibrate your spreader with each application: Weigh a few pounds into your spreader and apply to measured area. Then adjust spreader setting, if necessary, in order to assure correct rate of application.

USE AND RATE RECOMMENDATIONS FOR TURF

DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Brown Patch (Rhizoctonia solani)	Warm climate grasses such as: St. Augustine Bermuda	5	Apply one application in the spring or fall or at 1 st indication of disease. If disease is severe or reappears, retreat 3-4 weeks later.
	Dichondra	5	Treat as above.
	Cool climate grasses such as: Bluegrass Rygrass Fescue Bent	1 1/2 - 2	Apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather. For control of existing infections, apply at higher rates as soon as symptoms appear.

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DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Helminthosporium Leaf Spot / Melting Out (Drechslera spp.)	All	3 1/3 - 5	Preventative applications should be in spring or fall of each year. For control of existing infections, apply at higher rate as soon as symptoms appear. If disease is severe or reappears, area should be retreated 3-4 weeks later.
Dollar Spot (Sclerotinia homoeocarpa)			
Gray Snow Mold (Typhula spp.)	Cool climate grass	3 1/3 - 5	Make one application prior to first snowfall.
Pink Snow Mold (Gerlachia nivalis)			

ORNAMENTALS

TURFCIDE 15G can be used as a soil treatment for protection against a variety of soil borne diseases in greenhouse and field grown ornamentals. It is important that TURFCIDE 15G be mixed thoroughly into the soil for best results. See p 2 and rate recommendations for specific plant and disease recommendations. When a rate range is shown, the lower rate should be used on light or coarse textured soils or when disease pressure is expected to be low. The higher rates should be used on heavy or fine textured soil in fields with a history of disease problems, or when weather conditions are expected to be

unfavorable for rapid germination and growth of seedlings.

DISEASES CONTROLLED

Common Name	Causal Agent
Damping Off, Root/Stem Rot	Rhizoctonia solani
	Pellicularia filamentosa
Crown Rot	Pellicularia rolfsii
Bulb Dry Rot	Sclerotinia gladioli
Black Rot / Stem Rot	Sclerotinia sclerotiorum
Bulb Rot / Stem Rot	Sclerotium rolfsii
Neck Dry Rot	Stromatinia gladioli

USE AND RATE RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Flowering and Foliage Plants such as: African Violet Begonia Calendula Carnation Lysanthemum Poinsettia Snapdragon	Root / Stem Rot, Damping Off (Phizoctonia solani) (Pellicularia filamentosa)	10	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the top 2 inches of soil. Apply to a well prepared seed bed.
	Stem Rot (Sclerotinia sclerotiorum)	15	BROADCAST: Apply one week prior to planting. Spread evenly on the soil surface and thoroughly mix into the soil to a depth of 4 inches.
Bulb Crops such as: Lilies (Easter) (Asiatic) (Oriental) Narcissus Tulips Iris Hyacinths	Crown Rot (Pellicularia rolfsii) Black Rot (Sclerotinia sclerotiorum) Root Rot (Phizoctonia solani)	15 - 30	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the upper 6-7 inches of soil by double discing or rotovating. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soil. Use higher rate for Black Rot control.
	Bulb Rot / Stem Rot (Sclerotium rolfsii)	15 - 30	BROADCAST: Apply evenly to the soil surface and thoroughly mix into the top 2-3 inches of soil by discing or roto-tilling. BAND: Apply 40 lbs. per 14,500 linear feet of row in a 12 inch band, centered on the row, at planting time. Follow with three additional applications at this rate at 15 day intervals.
Gladiolus	Neck Rot (Stromatinia gladioli) Dry Bulb Rot (Sclerotinia gladioli)	10 - 15	BROADCAST: Apply evenly at planting time to the soil surface and thoroughly mix into the upper 4-6 inches by double discing or rotovating. Bulbs may be planted immediately.

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Neither the manufacturer nor the seller has determined whether or not TURFCIDE 15G can be used safely on ornamental plants not specified on this label. Prior to any large scale application on such plants, the user should determine the safety of TURFCIDE 15G fungicide by testing a small number of the type of plants to be treated. The user assumes all risks arising out of application to unlabeled plants.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

HOUSEHOLD: Do not reuse empty container. Securely wrap original container in several layers of newspaper and discard in trash.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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