

PM 25

400-407

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OCT 27 1995

Uniroyal Chemical Co., Inc.
74 Amity Rd.
Bethany, CT 06524-3402

Dear Ms. Katzman:

Subject: Turfcide 10G
EPA Registration Number 400-407
Label Amendment
Your Application Dated 5/16/95

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the comment listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

1. Under the header Suggested Spreader Settings, add a column for 10 feet under the Rate(Lbs)/1000 Sq. Ft. Or under the header Use and Rate Recommendations for Turf reduce the Pounds per 1000 Sq. Ft. to 7.5 for Gray and Pink Snow Mold.

Sincerely,

RJT

Robert J. Taylor
Product Manager 25
Fungicide-Herbicide Branch
Registration Division (H7505C)

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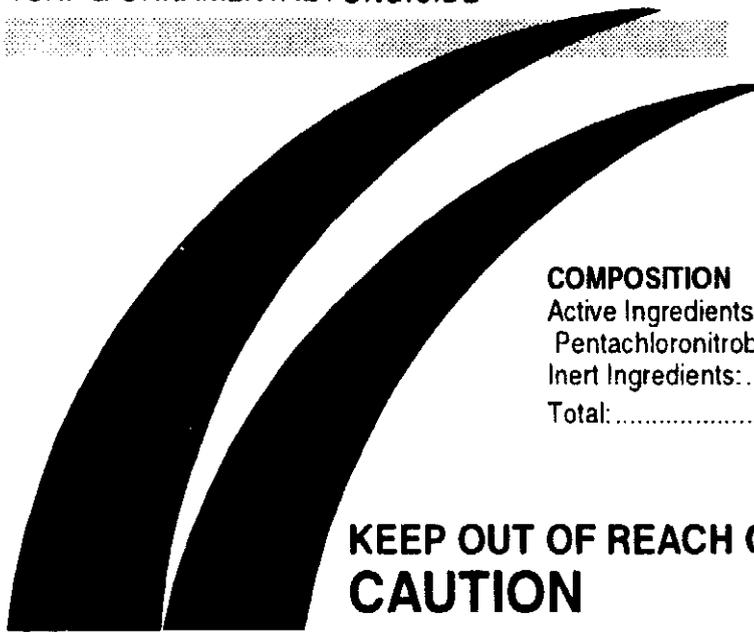
Turfcide®

10% GRANULAR
TURF & ORNAMENTAL FUNGICIDE

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ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 27 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
400-407



COMPOSITION

Active Ingredients: (% by weight)	
Pentachloronitrobenzene (PCNB)	10.0%
Inert Ingredients:	90.0%
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

Net contents:

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention.
IF ON SKIN: Wash with plenty of water. Get medical attention.
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. This material may cause skin irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; waterproof gloves; and shoes plus socks. Do not handle or apply product with bare hands.
 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. Cover, collect, or incorporate spilled granules. Do not contaminate water when disposing of equipment washwaters. Do not apply directly adjacent to potable water supplies. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

**UNIROYAL
CHEMICAL**

Uniroyal Chemical
Company, Inc.
Middlebury, CT 06749
EPA REG. NO. 400-407
EPA EST. NO.
006WPS

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DIRECTIONS FOR USE

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

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.

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 plus socks

GENERAL INFORMATION

TURFCIDE 10G 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. Carefully read, understand and follow label directions.

LAWNS AND TURF

TURFCIDE 10G 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 10G is used as a preventative application before diseases appear, however, if you do not apply as a preventative treatment, TURFCIDE 10G should be applied at first sign of disease.

Areas treated with TURFCIDE 10G should be watered following application to move material down to 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.

See use and rate recommendations for intervals for retreating. 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	EFFECTIVE WIDTH (FT.)	RATE (LBS./1000 SQ. FT.)		
		2.5	5.0	7.5
CYCLONE	3	3.5	3.75	4.0
SCOTTS R-8A (CONE #7)	8	H.5	K	M
SPYKER	4	3.0	3.6	4
JOHN DEERE	4	3.0	3.6	4
LESCO (SLIDE SET=0)	4	B	C.5	E
	8	C.5	F	G.5
VICON	20	14	22	29
LELY (FEEDRING SET=IIC)	10	2.25	3.25	3.5
	20	3.25	4.25	5.25
PRIZELAWN (SLIDE SET=A)	3	2.75	3.25	3.50
GANDY (DROP TYPE)	2	17	22	26
SEARS	-	6.5	7.5	9

*Lely and Vicon spreaders calibrated at 4.5 MPH and 540 PTO RPM. All others were ground driven at 3.0 MPH. These settings apply to 20/40 mesh granular carriers. The spreader settings listed above are approximate. Accurately 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.

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USE AND RATE RECOMMENDATIONS FOR TURF

DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	7½	Apply one application in the spring or at first indication of disease. If disease is severe or reappears, retreat 3 to 4 weeks later.
	Dichondra	7½	Treat as above.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	2 to 2½	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.
Leaf Spot/Melting Out (<i>Drechslera spp.</i>)	All	5 to 7½	Preventative applications should be made in spring or fall of each year.
Dollar Spot* (<i>Sclerotinia homoeocarpa</i>)			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 to 4 weeks later.
Gray Snow Mold (<i>Typhula spp.</i>)	Cool climate grass	5 to 10	Make one application prior to first snowfall or when temperatures remain below 60°F and extended wet conditions are expected. In the absence of snow cover, applications of 3-5 lbs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe.
Pink Snow Mold (<i>Microdochium nivale</i>)			*NOTE: TURFCIDE must be moved into the soil/thatch layer to be effective. Applications must be followed by 0.25 to 0.5" rainfall or irrigation prior to snow cover to insure optimum results.

*Use not registered by California Department of Pesticide Registration

ORNAMENTALS

TURFCIDE 10G can be used as a soil treatment for protection against a variety of soil borne diseases in greenhouse, shadehouse, nursery, landscape and field grown ornamentals as well as in interiorscapes. It is important that TURFCIDE 10G be mixed in the soil for best results. See use 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 soils in fields with a history of disease problems, or when environmental conditions are expected to be unfavorable for rapid germination and growth of seedlings.

DISEASES CONTROLLED

Common Name
 Damping, Off, Root/Stem Rot

 Crown Rot
 Bulb Dry Rot
 Black Rot/Stem Rot
 Bulb Rot/Stem-Rot
 Neck Dry Rot

Causal Agent
Rhizoctonia solani
Pellicularia filamentosa
Pellicularia rolfsii
Sclerotinia gladioli
Sclerotinia sclerotiorum
Sclerotium rolfsii
Stromatinia gladioli

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USE AND RATE RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Bedding Plants Flowering Plants Foliage Plants Woody Ornamentals such as, but not limited to: Poinsettia Pansy Petunia Impatiens Geranium Chrysanthemum Rose Azalea Rhododendron	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)	15	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 (<i>Sclerotinia sclerotiorum</i>)	20	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.
	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>) (<i>Sclerotinia sclerotiorum</i>)		GROWING MEDIA MIX: Mix 1 to 1.5 lbs. per cubic yard of media. Ingredients should be free of large lumps and dry enough to prevent agglomeration. Blend thoroughly to insure uniform distribution throughout the mixture. Use the lower rate for mixtures used at the time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants or nursery stock.
Bulb Crops such as, but not limited to: Gladiolus Hyacinths Iris Lilies (Asiatic) (Easter) (Oriental) Narcissus Tulips	Crown Rot (<i>Pellicularia rolfsii</i>) Black Rot (<i>Sclerotinia sclerotiorum</i>) Root Rot (<i>Rhizoctonia solani</i>)	20 to 40	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the upper 6 to 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 (<i>Sclerotium rolfsii</i>)	20 to 40	BROADCAST: Apply evenly to the soil surface and thoroughly mix into the top 2 to 3 inches of soil by discing or roto-tilling. BAND: Apply 60 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 days intervals.
	Neck Rot (<i>Stromatinia gladioli</i>) Dry Bulb Rot (<i>Sclerotinia gladioli</i>)	15 to 25	BROADCAST: Apply evenly at planting time to the soil surface and thoroughly mix into the upper 4 to 6 inches by double discing or rotovating. Bulbs may be planted immediately.
Vegetable Bedding Plants: Limited to only container grown- Broccoli Brussel Sprouts Cabbage Cauliflower Peppers Tomatoes	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)		GROWING MEDIA MIX: Mix 1 to 1.5 lbs. per cubic yard of media. Ingredients should be free of large lumps and dry enough to prevent agglomeration. Blend thoroughly to insure uniform distribution throughout the mixture. Use the lower rate for mixtures used at time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants.

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PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TURFCIDE 10G 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 10G 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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