

PM 21

400-402

11-10-97

1073

TERRACLOR® 10% GRANULAR

SOIL FUNGICIDE

Net contents:

COMPOSITION

Active Ingredient: (% by weight)

Pentachloronitrobenzene (PCNB) 10%

Inert Ingredients: 90%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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. Avoid inhaling dust. This material may cause skin irritation.

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.

Uniroyal Chemical Company, Inc., Middlebury, CT 06749

EPA Reg. No. 400-402

EPA Est. No.

011WPS

ACCEPTED

NOV 10 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-402.

**UNIROYAL
CHEMICAL**

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.

When a rate range is shown the lower rate should be used on lighter soils or when disease pressure is expected to be low. The higher rates should be used on heavy soils, in fields with a history of disease problems, or when weather conditions are expected to be unfavorable for rapid germination and growth of seedlings.

CROP	DISEASE	RATE OF TERRACLOR 10% GRANULAR		RECOMMENDED APPLICATION
		POUNDS/ACRE	POUNDS/1000 FEET OF ROW	
Cotton	Damping off, Seed and Seeding Rot Rhizoctonia solani	8 to 15 (40 inch row spacings)	0.8 to 1.1	In-Furrow Application: Apply the specified dosage to the soil around the seed and to the covering soil as it fills in the furrow. The soil around the seed and the covering soil should be thoroughly mixed with the product. The higher rates should be used when weather conditions are expected to be unfavorable for rapid germination, fields have a history of disease problems or minimum or low till programs are utilized.
		In California: 10 to 20 (40 inch row spacings)	0.75 to 1.5	
Apply only at planting time. Do not exceed 2 lbs. of PCNB active ingredient per acre in any one season applied as spray or granular formulations. Do not allow feeding or grazing of cotton foliage by livestock.				
Beans (excluding cowpeas)	Root and Stem Rot Rhizoctonia solani	10 to 15 (36 inch row spacing)	0.75 to 1	In-furrow Application: Direct the material into the planting furrow and covering soil at planting time.
Apply only at planting time. Do not feed treated vines or hay to livestock.				
Broccoli, Chinese broccoli (gai lan, white flowering broccoli), Brussels sprouts, Cabbage, Chinese cabbage (light-heading varieties only), Cauliflower, Collards*, Kale*, Mustard greens*	Clubroot- Plasmodiophora brassicae	200 (40 inch row spacing)	15	Row Application: Apply in a 12 to 15 inch band, by means of a suitable applicator, and rototill to a depth of 4 to 6 inches, immediately prior to planting. May be used on cole crops which are direct seeded.
		— OR —		
		300	—	Broadcast Application: Apply to the soil surface prior to planting. Disc and cross disc to a depth of 4 to 6 inches. May be used on cole crops which are direct seeded.
For control of clubroot, it is very important to thoroughly mix TERRACLOR with the soil.				
			— OR —	
	Wire Stem or Black Root Corticium solani	110 to 150 (40 inch row spacing)	8.5 to 11.5	Row Application: Apply in an 8 inch band centered on the row, immediately prior to seeding.
*Based on the available residue data, the use of Terraclor on collards, kale and mustard greens is restricted to the state of Georgia. Apply only at planting time. Do not exceed 30 lbs. of PCNB active ingredient per acre in any one season regardless of the method of application or formulation used.				
Hot Peppers (direct seeded)	Root and Stem Rot (Rhizoctonia solani)	10 to 13	0.75 to 1.0	In-furrow Application: Apply only at planting time Apply to the soil around the seed and to the covering soil as it fills the furrow.

CROP	DISEASE	RATE OF TERRACLOR 10% GRANULAR		RECOMMENDED APPLICATION
		POUNDS/ACRE	POUNDS/1000 FEET OF ROW	
Peanuts	Root and Stem Rot <i>Rhizoctonia solani</i> *	10-20 (36 inch row spacing)	0.7 to 1.4	In-furrow Application: Apply in furrow at planting using suitable equipment.
	Southern blight <i>Sclerotium rolfsii</i>	100 (36 inch row spacing)	6.9	Surface Band Treatment: Apply in 8 to 12 inch band, centered on the row, at pegging time.
		50 (36 inch row spacing)	3.4	Narrow Band Application: Apply in a narrow band so there is a 4 to 6 inch band of granules on the soil surface when the peanut canopy completely shades the soil (50 to 70 days). For best results, use the drop tube with no bander, and run it 1 to 2 inches into the peanut foliage; or run some type of drag over the top to sweep the foliage forward in front of the drop tube during application.
		33 per application	2.3 pounds per application	Soil Mix Cultivation: Apply in split applications during three cultivations. Attach two delivery tubes per row ahead of inside cultivator sweeps (one on each side) and adjust so as to treat a total band of 12 inches wide, centered on the row. Do not pile untreated soil on the crown of the plant.
		25 to 50 per application	1.7 to 3.4 pounds per application	Split Pegging Applications: Apply at 25 lbs. per acre as a 7 inch band or 50 lbs. per acre as 12 to 18 inch band centered over the row. Follow by shallow incorporation if possible. The initial application should be timed to coincide with early pegging. A second application at the same rate may be made if disease symptoms reappear.
<p>Do not exceed 10 lbs. of PCNB active ingredient per acre in any one season regardless of the method of application or formulation used. Do not apply within 45 days of harvest. Do not feed treated vines to livestock. Do not allow hogging down of peanuts. *Use not registered by the California Department of Pesticide Regulation.</p>				

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

CROP	DISEASE	APPLICATION NOTES
Vegetable Bedding Plants: Beans (excluding cowpeas) 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.

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.

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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EMERGENCY ASSISTANCE:

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