

74
CLP

ACCEPTED
JAN 30 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 400-399

Terraclor 75%

SOIL FUNGICIDE WETTABLE POWDER

Controls Certain Soil-Borne Diseases of Cotton, Crucifers, Peanuts, Peppers,
Beans, Potatoes, Garlic, Ornamentals and Turf.



COMPOSITION

ACTIVE INGREDIENT:	
Pentachloronitrobenzene	75%
INERT INGREDIENTS:	25%
Total	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering Syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove to fresh air.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

UNIROYAL CHEMICAL — Division of UNIROYAL, Inc.
NAUGATUCK, CONNECTICUT 06770
EPA Reg. No. 400-399
EPA Est. No.
Terraclor is a trademark of Uniroyal, Inc.
NET CONTENTS.

Lot No.

BEST DOCUMENT AVAILABLE

SIDE PANEL

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

Harmful if swallowed. Avoid inhaling dust. May cause skin irritation. Wash hands and face thoroughly after using. The following protective clothing are required during mixing/loading operations: gloves, long-sleeved shirt, long pants, socks and shoes. Wash thoroughly all contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water by cleaning or equipment or disposal of wastes. Do not apply directly adjacent to potable water supplies.

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:

PAPER BAGS — 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.

CARDBOARD CANISTERS: (COMMERCIAL) — Completely empty canisters

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.

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

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

PEAR PANEL

DIRECTIONS FOR USE

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

RECOMMENDED APPLICATIONS

CROP	DISEASE	POUNDS TERRACLORE 75% W.P.	REMARKS
<u>FIELD CROPS</u>			
Cotton	Damping-off (Rhizoctonia solani)	1-1/3 to 2-3/4	Apply specified dosage per acre in at least 15 gallons of water (per 13,100 linear feet of row based on 40 inch row spacing). Apply as a directed in-furrow spray to the seed and surrounding soil at planting time. Do not allow the feeding or grazing of cotton foliage by livestock.
Peanuts	Southern stem and root rot (Sclerotium rolfsii)	15	Pre-Plant Soil Mix: Apply specified dosage per 12,400 linear feet of row as a spray in 8 to 10 gallons of water in a 8 to 12 inch band centered on the row and incorporate to a depth of 2 to 4 inches. Application may be made simultaneously with planting using suitable application equipment.
			At-Pegging Band: Apply specified dosage per 12,400 linear feet of row as a spray in 8 to 10 gallons of water in a 12 inch band centered on the row so as to cover the crown and pegging zones of the plant. If row middles are cultivated at the same time, attach two spray nozzles (one to each side) - ahead of inside cultivator sweeps. Do not move any untreated soil into the treated area (if necessary, remove inside sweep)
		4	At Cultivation: Apply specified dosage per 12,400 linear feet of row at cultivation. Do not apply more than 3 times per crop season. Attach two spray nozzles

CROP	DISEASE	POUNDS TERRACLOP: 75 W.P.	REMARKS
Peanuts (cont.)	Southern stem and root rot (Sclerotium rolfsii)		per row ahead of inside cultivator sweeps (one on each side) and adjust so as to treat a total band of 12 inches centered on the row. Do not pile untreated soil on crown of plant.
NOTE: Do not exceed 10 lbs. actual PCNB per acre in anyone season, regardless of application methods used. Do not apply within 45 days of harvest. Do not feed treated vines to livestock. Do not allow hogging down of peanuts.			
VEGETABLES			
Beans	Root and Stem rot (Rhizoctonia solani)	1-1.3 to 2	Apply specified dosage in 8 to 10 gallons of water (per 14,500 linear feet of row for bush beans or 8,430 feet of row for pole beans). Apply as a directed spray in the seed furrow and to the covering soil at planting time.
Beans Snap and Dry,	White Mold (Sclerotinia sclerotiorum)	2-3/4	Apply specified dosage in 8 to 10 gallons of water (per 14,500 linear feet of row for bush beans, or 8,430 linear feet of row for pole beans.) Apply as an 8 inch band centered on the row at or immediately after planting. If the disease problem is severe, applications may be repeated at 2 to 3 week intervals using directed spray application with one or two nozzles per row aimed at the soil at the base of the plants. Soil should remain undisturbed after application. Do not apply after first bloom. Do not exceed 10 lbs. actual PCNB per acre in any one season, regardless of method of application. Do not feed treated vines to livestock.
Broccoli Brussels Sprouts Cabbage Cauliflower	Clubroot (Plasmodiophora brassicae)	2 to 5	Transplant Solution: Suspend specified dosage in 100 gallons of water and apply 1/2 to 3/4 pint of this solution per plant. The applied dosage of Terraclo should be based on the severity of the disease infection. Maintain agitation to hold the powder in suspension.

BEST DOCUMENT AVAILABLE

CROP	DISEASE	POUNDS TERRACLOS- 75 W.P.	REMARKS
Broccoli Brussels Sprouts Cabbage Cauliflower (cont.)	Clubroot <i>Plasmodiophora crassicaesi</i>	30	<u>Band Application:</u> Apply specified dosage per acre in at least 25 gallons of water (per 13,100 linear feet of row for broccoli, brussels sprouts and cabbage, and 10,900 linear feet of row for cauliflower). Spray as a 12 to 15 inch band centered on the row and incorporate to a depth of 4 to 6 inches immediately prior to transplanting.
		40	<u>Broadcast Application:</u> Apply specified dosage per acre in at least 30 gallons of water as a pre-plant broadcast spray prior to transplanting. Thoroughly, incorporate to a depth of 4 to 6 inches using a disc or other suitable equipment.
NOTE: For effective control of clubroot in broccoli, brussels sprouts, cabbage and cauliflower, it is extremely important to thoroughly mix Terraclos with the soil.			
	Wire Stem or Black Rot (<i>Corticium solani</i>)	15 to 20	<u>Broadcast Drench Application:</u> Apply specified dosage in not less than 50 gallons of water per acre as a soil drench at the time of or immediately after seeding. For smaller areas use 1 level tablespoon per gallon of water as a soil drench per 50 sq. ft. of seed bed. Apply with a water can or similar equipment.
		10 to 15	<u>Row Drench Application:</u> Apply specified dosage per acre in at least 35 gallons of water (per 13,100 linear feet of row for broccoli, brussels sprouts and cabbage and 10,900 linear feet of row for cauliflower). Spray as an 8 inch band centered on the row at the time of or immediately after seeding.
Garlic	White rot (<i>Sclerotium cavivorum</i>)	27-1/2	<u>In-Furrow Application:</u> Mix specified in 100 gallons of water and apply as an in-furrow spray at planting time. Apply at the rate of 1 gallon of solution per 118 linear..

CROP	DISEASE	POUNDS TERRACLOL- 75% W.P.	REMARKS
Garlic (cont.)	White rot (Sclerotium capivorum)		of row based on 24 inch row spacing. Attached a suitable spray rig to the machine planter using 2 nozzles per furrow. Direct front nozzle to spray the "seed" as it is dropped; direct the rear nozzle to spray the covering soil. Use good mechanical agitation in the spray tank to maintain a uniform suspension.
		13-1.2	Clove Treatment: Use specified dosage per 1000 lbs. of "seed" cloves. Mix in sufficient water apply dosage as a uniform mist - spray for complete coverage of treated cloves. For optimum results add a commercial sticker to the spray solution.
PEPPERS TOMATOES	Southern blight (Sclerotium rolfsii)	3 to 5	<u>Transplant Solution (Field Use Only):</u> Mix specified dosage in 100 gallons of water and apply 1/2 pint of solution per plant at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper suspension and assure proper dosage.
		10	<u>In-Furrow Application:</u> Apply specified dosage per acre in 100 gals of water (per 14,500 linear feet for peppers, per 7,300 linear feet for flat tomatoes, or 10,900 linear feet for staked tomatoes). Apply as an in-furrow spray to the open "V" trench just prior to setting transplants. Set plants in bottom of trench, then press walls of trench against stems of the young transplants. When cultivating, set plows as flat as possible to avoid getting untreated soil against stems of plants.
POTATOES	Rhizoctonia solani	24 to 33	<u>Broadcast Application:</u> Apply specified dosage per acre in approximately 25 gallons of water as a pre-plant broadcast spray prior to planting. Thoroughly incorporate to a dept of 4 to 5 inches using a disc or other suitable equipment.

BEST DOCUMENT AVAILABLE

TOP	DISEASE	STAND TERRACLES 75 W.P.	REMARKS
atoes cont.		13-1.3	In-Furrow Application: Apply specified dosage per acre in approximately 20 gallons of water (per 12,400 linear feet of row). Spray several points in the planting furrow so as to evenly treat all the soil that surrounds and covers the seed piece and potato forming zone. For best results, attach 3 nozzles to the planter; one fan nozzle ahead of the opening discs (approximately 5 gallons of spray per acre); one cone nozzle placed above and slightly ahead of the closing discs (approx. 10 gallons of spray per acre); one fan nozzle to rear of closing discs (approx. 5 gallons of spray per acre). Spray pattern should treat a 12 to 14 inch band centered on the row.
<u>SEED TREATMENTS</u>			
otton	Pre-emergence control of damping-off (Rhizoctonia solani)	4 ozs.	Mix specified dosage in 1 to 1-1/2 pints of water and spray onto 100 pounds of seed.
wheat	Common smut or bunt	See remarks	Apply as a slurry treatment using conventional slurry treatment equipment at the following rates: for 25 cc cup, use a mixture of 1-3/4 lbs. per gallon of water. For 45 cc cup use a mixture of 1 lb. per gallon of water. This will deposit approx. 1 oz. per bushel of wheat seed. Wheat should be well cured and cleaned prior to treatment.
<u>IMPORTANT</u> Federal law requires treated seed to be dyed an unnatural color and labeled with the following information: Treated seed - do not use for feed, food or oil purposes. Seed has been treated with pentachloronitrobenzene.			
<u>PLANTING</u> American violas, Pecanias, Jar- nations, Chry- santhemums, Poinsettias, Impatiens, and similar bedding plants	Stem rot (Rhizoctonia)	1-1.3	Apply specified dosage as a soil drench in 300 gallons of water per 1000 sq. ft. of bed or bench area. For best results, apply to a well prepared seed bed.

PLANT	DISEASE	DOSE TERRACLOL- 75% W.P.	REMARKS
Azaleas	Azalea petal blight (Ovulinia azalea)	1	Apply specified dosage per 150 sq. ft. in sufficient water to assure uniform coverage. Apply uniformly to the ground beneath the bushes and surrounding area. Begin application prior to opening of buds and 3 to 4 weeks during the bloom period.
Iris Hyacinth Narcissus Tulips	Crown rot Black rot	3-1/4 to 6-1/2	Broadcast Application: Apply specified dosage per 1000 sq. ft. to the soil surface in sufficient water to insure uniform coverage. Mix thoroughly in upper 6 to 7 inches by double discing or other suitable means. See note low
		4-1/2 to 6	In-Furrow Application: Apply specified dosage per 1000 linear feet of row in 5 to 10 gallons of water. Direct spray into open furrow so as to thoroughly cover the entire furrow and the bulbs. Close furrow in normal manner. Note: Use the higher rate for heavier topsoil and for Black rot control.
		See Remarks	Bulb Dip: Dip bulbs for 5 minutes in a 1.5% concentration which is obtained by adding 3 lbs. TerracloL 75% W.P. to 4.85 gallons of water. Add 1% sticker. Maintain good agitation in the dip tank.
Calendula Carnation Impatiens Sweet pea	Stem rot (Phytophthora)	1/3	Apply specified dosage per 100 sq. ft. in sufficient water to insure complete coverage. Applications should be made to the soil surface prior to planting and thoroughly incorporated to a depth of 1 inch.
Camellia	Camellia flower blight	1	Apply specified dosage per 150 sq. ft. in sufficient water to insure complete coverage to the surface of the soil and leaf litter beneath the bushes. Begin applications prior to opening of buds and repeat every 3 to 4 weeks during the bloom season.
Butter Iris	Bulb rot Stem rot Colletotrichum Botrytis	3-1/4 to 4-1/2	Broadcast Application: Apply specified dosage per 1000 sq. ft. in sufficient water for complete coverage. Application should be made to the soil surface prior to planting and thoroughly incorporated to a depth of 2 to 3 inches.

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

CROP	DISEASE	ROUNDS TERRACLOP 75 W.P.	REMARKS
Lily Lily Lily	Bulb rot Stem rot (Sclerotium rolfsii)	1, 2	Band Application: Apply specified dosage per 1000 linear feet of row as a 12 inch band spray centered on the row at planting time. Follow with 3 additional applications at the same rate at 15 day intervals.
Lily	Rhizoctonia root rot	3-1/4 to 5-1, 2	Broadcast Application: Apply specified dosage per 1000 sq. ft. in sufficient water to insure complete coverage. Apply to soil surface prior to planting and thoroughly incorporate to a dept of 6 to 7 inches. See note below.
		4-1/2 to 6	In-Furrow Application: Apply specified dosage per 1000 linear feet of row feet of row in 5 to 10 gallons of water. Direct spray into open furrow so as to thoroughly cover the entire furrow and the bulbs. Close furrow in the normal manner. Note: Use the lower rates for light soils and the higher for heavy soils.
		4 to 5	Bulb Dip: Mix specified dosage in 100 gallons of water and dip bulbs for 5 to 15 minutes. A sticking agent may be added. Maintain good agitation in dip tanks.
Gladolus	Neck or Bulb Dry rot Stomatonia or Sclerotinia gladioli	3-2/3	Broadcast Application: Apply specified dosage per 1000 sq. ft. in sufficient water to insure complete coverage. Apply to soil surface prior to planting and thoroughly incorporate to a dept of 4 to 5 inches. Bulbs may be planted immediately after incorporation.
		5-1/2	Band Application: Apply specified dosage per 1000 linear feet of row as a 12 inch band spray centered on the row at planting time. Incorporate thoroughly to a dept. of 4 to 5 inches. Bulb may be planted immediately after incorporation.

CROP	DISEASE	POUNDS TERRACLOP 75% W.P.	REMARKS
Magnolia grandiflora	Magnolia Leaf Spot (Phyllosticta cockeri)	2	Apply specified dosage in 100 gallons of water as a broadcast foliar spray. Add a spreader- sticker at the rate of 1 pint per 100 gallons. Begin application approximately 1 week before disease normally appears. Apply at least 4 sprays at 2 week intervals. <u>Note:</u> Do not use on Magnolia fuscata as injury may result.
Roses	Botrytis Storage Rot	1 to 2	<u>Dip Application:</u> Mix specified dosage in 100 gallons of water and dip (or soak) roses prior to storage. Maintain good agitation in dip tank.
		2	<u>Spray Application:</u> Mix specified dosage in 100 gallons of water thorough- ly spray dormant roses prior to storage
Southern Pine Seedlings	Rhizoctonia Needle Blight	50	Apply specified dosage per acre as a broadcast spray in 100 gallons of water. An additional 1/2 inch of water per acre should be applied by irrigation. Seed may be planted immediately after irrigation or within one week of this date.
Lawns and Turf	Brown Patch (Rhizoctonia solani)	See Remarks	For Southern or warm season lawns such as St. Augustine, Bermuda and similar grasses: Make one appli- cation in the fall or spring at first indication of infection. Mix 1 lb. in sufficient water (10-15 gals. to cover 1000 sq. ft. Apply by means of a sprinkler can, sprayer or any other convenient method of obtaining even coverage. Following appli- cation, the treated area should be lightly watered to insure movement through the grass to soil level. If the treated area is subjected to unusually heavy rainfall, or flooded, or if the disease is severe or reappears, the area should be retreated 3-4 weeks later. For Dichondra: Treat as above, using 1 lb. mixed in 40 gals. of water per 1000 sq. ft.

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

PROF	DISEASE	PCNB TERRACLOP 75 W.P.	REMARKS
Lawns and Turf cont.,	Brown Patch (<i>Rhizoctonia</i> <i>solani</i>)		For Northern or cool season lawns such as Rye Grass, Fescue, Bluegrass, Bent and similar grasses: Mix 3-4 ozs. in a 3-6 gal. of water to cover 1000 sq. ft. Apply at first sign of disease. Repeat every 7-10 days during warm, damp weather. Water treated area lightly to wash chemical down to soil. <u>Note:</u> Under certain growing conditions, a temporary discoloration of the grass occasionally may occur. This causes no harm and will disappear in a short time. Do not graze treated areas or feed clippings to livestock.
	Snow Mold (<i>Typhula</i> <i>incarnata</i> , <i>Fusarium</i> <i>nivale</i>)	1/2	Apply specified dosage per 1000 sq. ft. of treated area in sufficient water (5-10 gallons) to insure complete coverage. Application should be made prior to first snowfall. Following application, water treated area lightly to insure movement through turf to soil level. <u>Note:</u> Do not graze treated areas or feed clippings to livestock.

USE PRECAUTIONS

1. Do not plant any root crop not registered for PCNB in rotation
on PCNB treated soil.

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.