

400-399

4-6-2004

1/10

EPA	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	-
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company / Product Name 400-399	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) Terraclor® 75% Wettable Powder	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Crompton Corporation 74 Amity Road Bethany, Connecticut 06524-3402 <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
APR 06 2004

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

- modification of potato footnote for California

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Child Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	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) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt	No. Per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) 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 Applied to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled Other	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Betsy K. Katzman	Title Registration Specialist	Telephone No. (Include Area Code) (203) 393-2163	
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 statements may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Betsy K. Katzman</i>	3. Title Manager U.S. Registration		
4. Typed Name Willard F. Cummings	5. Date February 4, 2004		

NOTIFICATION

NOTIFICATION

2/10

APR 06 2004

2004

Terraclor[®] 75% WETTABLE POWDER

Vegetable, Turf & Ornamental Soil Fungicide

Net Contents:

Active Ingredient: (% by weight)

Pentachloronitrobenzene (PCNB) 75%

Inert Ingredients: 25%

TOTAL 100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

- IF SWALLOWED:**
- Call poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by the poison control center or doctor.
 - Do not give anything by mouth to an unconscious person.
- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
- IF ON SKIN OR ON CLOTHING:**
- Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15 to 20 minutes.
 - Call a poison control center or doctor for treatment advice.
- IF INHALED:**
- Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
 - Call a poison control center or doctor for further treatment advice.

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

CROMPTON EMERGENCY PHONE 800-292-5898
SAFETY DATA AND INFORMATION 203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC) 800-424-9300

EPA REG. NO. 400-399
EPA EST. NO.
029CM/020404

Crompton Manufacturing Company, Inc.
Middlebury, CT 06749

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Crompton
Uniroyal Chemical

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3/10

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Avoid inhaling dust. May cause skin irritation.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical-resistant gloves made of any waterproof material; 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. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. 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.

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.

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
- chemical-resistant gloves made of any waterproof material
- shoes plus socks

GENERAL INFORMATION

TERRACLOR 75%WP is a protective fungicide recommended for control of certain soil borne diseases of vegetable and 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.

VEGETABLES

TERRACLOR 75%WP should be applied as a preventative fungicide to vegetable crops. It is important when using TERRACLOR 75%WP as a protective fungicide that material be placed into the soil. This can be accomplished as a soil drench, mechanical incorporation or as an infurrow application. Under certain crop use (peanuts), repeated applications may be necessary. See use and rate recommendations for specific crop use recommendations and diseases controlled by TERRACLOR 75%WP.

When 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

- BEANS (snap & dry)
- COTTON
- PEPPERS, TOMATOES
- GARLIC
- BROCCOLI
- CHINESE BROCCOLI
- BRUSSELS SPROUTS
- CABBAGE
- CAULIFLOWER
- CHINESE CABBAGE
- COLLARDS, KALE
- MUSTARD GREENS
- PEANUTS
- POTATOES
- VEGETABLE BEDDING PLANTS

DISEASES CONTROLLED

- Root & Stem Rot (*Rhizoctonia solani*)
- Damping-off (*Rhizoctonia solani*)
- Southern Blight (*Sclerotium rolfsii*)
- White Rot (*Sclerotium cepivorum*)
- Wire Stem or Black Root (*Rhizoctonia solani*)
- Club Root (*Plasmodiophora brassicae*)
- Root & Stem Rot (*Rhizoctonia solani*)
- Stem Canker/Black Scurf (*Rhizoctonia solani*)
- Root & Stem Rot, Damping-off (*Rhizoctonia solani*)

CROP	DISEASE	RATE OF TERRACLOR 75%WP		RECOMMENDED APPLICATION	
		POUNDS/ACRE	OUNCE/1000 FEET OF ROW		
Cotton	Damping-off (<i>Rhizoctonia solani</i>)	1½ to 2¾ Apply in at least 15 gals. of water. (40 inch row spacings)	1.6 to 3.4	Apply specified dosage 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.	
		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.			
Peanuts	Root and Stem Rot (<i>Rhizoctonia solani</i>)	1½ to 2¾ Apply in 8 to 10 gallons of water. (36 inch row spacing)	1.5 to 3.0	At Planting: Apply specified dosage as a directed in-furrow spray to the seed and surrounding soil at planting time. Do not use in California.	
		Do not exceed 2 lbs. PCNB active ingredient per acre in any one season, regardless of the method of application or formulation used. Apply only at planting time. Do not feed treated vines to livestock. Do not allow hogging down of peanuts.			
Potatoes*	Stem Canker/ Black Scurf (<i>Rhizoctonia solani</i>)	3.33 to 6.66 lbs. Apply in 10 to 20 gallons of water. (34 inch row spacing)	—	Band Application: Spray an 8½ inch band in seed furrow at planting time. Direct spray into furrow over the seed and cover as a part of the tilling operation during planting.	
		Do not exceed 20 lbs. of actual PCNB per acre in any one season regardless of method of application or formulation used. *Use not registered by the California Department of Pesticide Regulation.			
Beans dry, succulent & snap (excluding cowpeas)	Root and Stem Rot (<i>Rhizoctonia solani</i>)	1½ to 2 Apply in 8 to 10 gallons of water. (36 inch row spacing)	1.4 to 2.2	Apply as a directed spray in the seed furrow and to the 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 (tight-heading varieties only), Cauliflower, Collards*, Kale*, Mustard greens*	Clubroot (<i>Plasmodiophora brassicae</i>)	Mix 2 pounds in 100 gallons of water. Use ½ pint of this solution per plant.		Transplant Solution: The applied dosage of TERRACLOR should be based on the severity of the disease infection. Maintain agitation to hold the powder in suspension.	
		— OR —			
		30 Apply in 25 gallons of water. (40 inch row spacings)	37	Band Application: 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 planting. May be used on cole crops which are direct seeded.	
		— OR —			
		40 Apply in 30 gallons of water.	—	Broadcast Application: Apply as a preplant broadcast prior to planting. Thoroughly incorporate to a depth of 4 to 6 inches using a disc or other suitable equipment. May be used on cole crops which are direct seeded.	
		Note: for effective control of clubroot, it is extremely important to thoroughly mix TERRACLOR with the soil.			
Wire Stem or Black Root (<i>Rhizoctonia solani</i>)		15 to 20 Apply in 50 gallons of water.	—	Broadcast Drench Application: Apply 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 water can or similar equipment.	
		— OR —			
		10 to 15 Apply in 35 gallons of water. (40 inch row spacings)	12.2 to 18.4	Row Drench Treatment: Spray as an 8 inch band centered on the row at the time of or immediately after 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.					

CROP	DISEASE	RATE OF TERRACLOR 75%WP		RECOMMENDED APPLICATION
		POUNDS/ACRE	OUNCE/1000 FEET OF ROW	
Garlic	White Rot (<i>Sclerotium cepivorum</i>)	27½ Apply in 100 gallons of water. (24 inch row spacings)	20	In-Furrow Application: Apply as an in-furrow spray at planting time. Attach a spray rig to the planter and spray 8 - 12 inch bands 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.
		-- OR --		
		13½ pounds per 1,000 lbs. of "seed" cloves.		Clove Treatment: Mix in sufficient water to apply dosage as a uniform mist-spray for complete coverage of treated cloves. For optimum results add a commercial sticker to the spray solution.
Apply only at planting time. Do not exceed 21 lbs. of PCNB active ingredient per acre in any one season regardless of the method of application or formulation used.				

Peppers, Tomatoes	Southern Blight (<i>Sclerotium rolfsii</i>)	Mix 3 pounds in 100 gallons of water. Use ½ pint of this solution per plant.		Transplant Solution: Apply at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper dosage. Apply only at planting time. TOMATOES - Do not exceed 7.0 lbs. PCNB active ingredient per acre in any one season (based on 5000 plants/acre) or 16.5 lbs. PCNB active ingredient per acre in any one season (based on 11,733 plants/acre). PEPPERS - Do not exceed 20lbs. PCNB active ingredient per acre in any one season.
		-- OR --		
		6½ to 10 Apply in 100 gallons of water. (36 inch row spacings peppers; 72 inch row spacings flat tomatoes; 48 inch row spacings staked tomatoes)	Peppers: 11 Tomatoes: 14.6	In-Furrow: Apply as an in-furrow spray to the open "V" trench, just prior to planting. When cultivating, set plows as flat as possible to avoid getting untreated soil against stems of plants. Apply only at planting time. Do not exceed 7.5 lbs. of PCNB active ingredient per acre in any one season.

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	OUNCES OF TERRACLOR 75% WP	APPLICATION NOTES														
Vegetable Bedding Plants Beans (excluding cowpeas) Broccoli Brussels Sprouts Cabbage Cauliflower Peppers Tomatoes	Root and Stem Rot, Damping-Off (<i>Rhizoctonia solani</i>)	4 to 8 oz.	<p>Soil drench applications to seedlings grown in containers or beds prior to transplanting into the field: Mix the specified amount in 100 gallons of water and apply according to the following guidelines. One repeat application can be made 4 to 6 weeks after the initial application.</p> <table border="1"> <thead> <tr> <th rowspan="2">Soil Depth inches</th> <th colspan="2">Coverage for Terraclor 75% WP Drench Mix</th> </tr> <tr> <th>Fl.oz/Sq.ft</th> <th>Sq. ft/100 gals.</th> </tr> </thead> <tbody> <tr> <td>2 or less</td> <td>16</td> <td>800</td> </tr> <tr> <td>3</td> <td>24</td> <td>530</td> </tr> <tr> <td>4 or more</td> <td>32</td> <td>400</td> </tr> </tbody> </table>	Soil Depth inches	Coverage for Terraclor 75% WP Drench Mix		Fl.oz/Sq.ft	Sq. ft/100 gals.	2 or less	16	800	3	24	530	4 or more	32	400
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	Fl.oz/Sq.ft	Sq. ft/100 gals.															
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3	24	530															
4 or more	32	400															

6/10

GENERAL INFORMATION

TERRACLOR 75%WP 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 preventative program following recommended rates and application directions. Carefully read, understand and follow label directions.

COMPATIBILITY

For broad spectrum disease control, this product can be tank mixed with TERRAZOLE® 35WP* (EPA Reg. No. 400-416) for use on turf and ornamentals in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Do not tank mix with other chemicals unless prior use has proven compatibility.

LAWNS AND TURF

TERRACLOR 75%WP 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 TERRACLOR 75%WP is used as a preventative application before diseases appear, however, if you do not apply as a preventative treatment, TERRACLOR 75%WP should be applied at first sign of disease.

Areas treated with TERRACLOR 75%WP 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 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.

USE AND RATE RECOMMENDATIONS FOR TURF

DISEASE	TURF TYPE	OUNCES PER 1000 SQ. FT.	APPLICATION NOTES
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	16	Mix specified amount in 10-15 gals. of water and apply a single application in the spring or fall or at first indication of disease. If disease is severe or reappears, area should be retreated 3 - 4 weeks later.
	Dichondra	16	Mix specified amount in 40 gals. of water and treat as above.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	3 to 4	Mix specified amount in 3-6 gals. of water and 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.
Melting Out/ Leaf spot* (<i>Drechslera spp.</i>)	All	7 to 10	Mix specified amount in 5-10 gals. of water and apply as a preventative application in the spring or fall of each year. For control of existing infections, apply at higher rates as soon as symptoms appear. If disease is severe or reappears, area should be retreated 3 to 4 weeks later.
Dollar Spot* (<i>Sclerotinia homeocarpa</i>)			
Gray Snow Mold (<i>Typhula spp.</i>)	Cool climate grasses	8	Mix specified amount in 1-10 gals. of water and apply 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, supplemental applications of 3 - 6 fl. ozs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe. *NOTE: TERRACLOR must be moved into the soil/thatch layer to be effective. Applications made in less than 5 gals. of water must receive 0.25" of irrigation or rainfall prior to snow cover.
Pink Snow Mold (<i>Microdochium nivale</i>)			

*Use not registered by the California Department of Pesticide Regulation

ORNAMENTALS

TERRACLOR 75%WP can be used as a soil treatment for protection against a variety of soil borne diseases of ornamentals grown in greenhouses, shadehouses, nurseries, landscape plantings and interiorscapes.

The mixture of TERRACLOR 75%WP and water should be continuously agitated to assure uniform application.

It is important that the mixture of TERRACLOR 75%WP and water be drenched or incorporated thoroughly into the soil for best results.

See use and rate recommendations for specific plants and diseases.

When a rate range is shown, the lower rate should be used on lighter 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 weather conditions are expected to be unfavorable for rapid germination and growth of seedlings.

NOTE: Conversion for small volume applications - 1 lb. per 100 gallons = 1 tablespoon per gallon of water.

DISEASES CONTROLLED

Causal Agent	Common Name
<i>Botrytis cinerea</i>	Storage Rot
<i>Dothistroma pini</i>	Needle Blight
<i>Ovulinia azaleae</i>	Azalea Petal Blight
<i>Pellicularia filamentosa</i>	Root Rot / Stem Rot
<i>Pellicularia rolfsii</i>	Bulb Rot / Crown Rot
<i>Phyllostica cookeri</i>	Magnolia Leaf Spot
<i>Rhizoctonia solani</i>	Root Rot / Stem Rot
<i>Rhizoctonia spp.</i>	Root Rot / Stem Rot
<i>Sclerotinia camelliae</i>	Camellia Flower Blight
<i>Sclerotinia gladioli</i>	Dry Rot
<i>Sclerotinia sclerotiorum</i>	Stem Rot / Black Rot
<i>Sclerotium rolfsii</i>	Bulb Rot / Crown Rot
<i>Stromatinia gladioli</i>	Dry Rot

USE AND RATE RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	POUNDS OF TERRACLOR 75%WP	APPLICATION NOTES																										
Bedding Plants Flowering Plants Foliage Plants Woody Plants such as but not limited to: Anthurium Azalea Chrysanthemum Dianthus Dieffenbachia Dracaena Ficus Gardenia Impatiens Lilies Marigold Pansy Petunia Poinsettia Pothos Rhododendron Schefflera Spathiphyllum	Root / Stem Rot, Damping Off <i>(Rhizoctonia solani)</i> <i>(Pellicularia filamentosa)</i> <i>(Sclerotinia sclerotiorum)</i>	$\frac{1}{4}$ - $\frac{1}{2}$ (4 - 8 ozs.)	<p>SOIL DRENCH APPLICATIONS: Mix specified amount in 100 gals. of water and apply according to the following guidelines:</p> <p>For Bed, Bench, Container and Field Grown Plants:</p> <table border="1" data-bbox="886 306 1471 449"> <thead> <tr> <th>Soil Depth (inches)</th> <th>Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.</th> <th>Sq. ft./100 gals.</th> </tr> </thead> <tbody> <tr> <td>2 or less</td> <td>16</td> <td>800</td> </tr> <tr> <td>3</td> <td>24</td> <td>530</td> </tr> <tr> <td>4 or more</td> <td>32</td> <td>400</td> </tr> </tbody> </table> <p>For Potted Plants:</p> <table border="1" data-bbox="886 483 1471 705"> <thead> <tr> <th>Pot Diameter (inches)</th> <th>Minimum Drench Volume (fl. oz./pot)</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1.5</td> </tr> <tr> <td>5</td> <td>3</td> </tr> <tr> <td>6</td> <td>4</td> </tr> <tr> <td>8</td> <td>7</td> </tr> <tr> <td>10</td> <td>13</td> </tr> <tr> <td>12</td> <td>18</td> </tr> </tbody> </table> <p>One repeat application may be made 4 to 6 weeks later, if necessary.</p>	Soil Depth (inches)	Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.	Sq. ft./100 gals.	2 or less	16	800	3	24	530	4 or more	32	400	Pot Diameter (inches)	Minimum Drench Volume (fl. oz./pot)	4	1.5	5	3	6	4	8	7	10	13	12	18
Soil Depth (inches)	Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.	Sq. ft./100 gals.																											
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12	18																												
		$3\frac{1}{2}$	<p>BROADCAST INCORPORATED PRIOR TO PLANTING IN THE FIELD: Apply specified amount to 1000 sq. ft. in sufficient water to assure uniform ground coverage. Thoroughly incorporate to a depth of 4 inches.</p>																										
Azaleas	Azalea Petal Blight <i>(Ovulinia azaleae)</i>	1	<p>GROUND SPRAY ON ESTABLISHED PLANTS: Apply specified amount to 150 sq. ft. in sufficient water to assure uniform ground coverage. Apply to ground beneath the bushes and immediate surrounding area. Begin application prior to opening of buds and repeat every 3-4 weeks through bloom period.</p>																										
Camellias	Camellia Flower Blight <i>(Sclerotinia camelliae)</i>																												
Hyacinth Iris (bulbous) Narcissus Tulip	Root Rot / Stem Rot / Bulb Rot <i>(Rhizoctonia solani)</i> <i>(Pellicularia solani)</i> Bulb Rot / Crown Rot <i>(Sclerotium rolfsii)</i> <i>(Pellicularia rolfsii)</i> Black Rot <i>(Sclerotinia sclerotiorum)</i>	$3\frac{3}{4}$ - $6\frac{1}{2}$	<p>BROADCAST INCORPORATED PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. Thoroughly incorporate to a depth of 6 to 7 inches.</p> <p>NOTE: For bulbous iris, use $3\frac{1}{2}$ - $4\frac{1}{2}$ pounds per 1000 sq.ft. and incorporate to a depth of 2 - 3 inches. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.</p>																										
		$4\frac{1}{2}$ - 6	<p>IN-FURROW APPLICATION AT PLANTING: Apply specified amount to 1000 linear ft. of row in 5 to 10 gals. of water. Direct spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils. For Black Rot control, use higher rate.</p>																										
		2	<p>BULB SOAK: Mix specified amount in 3.2 gals. of water (7.5% concentration). Add 1% sticker to mixture and maintain good agitation. Soak bulbs for 5 minutes.</p>																										
		$\frac{1}{2}$	<p>BAND APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 linear ft. as a 12 inch band spray centered on the row at planting time. Follow with 3 additional applications at 15 day intervals.</p>																										
Gladiolus	Dry Rot <i>(Stromatinia gladioli)</i> <i>(Sclerotinia gladioli)</i>	$3\frac{2}{3}$	<p>BROADCAST APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. Thoroughly incorporate to a depth of 4 to 6 inches. Bulbs may be planted immediately after incorporation.</p>																										
		$5\frac{1}{2}$	<p>BAND APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 linear ft. as a 12 inch band centered on the row. Thoroughly incorporate to a depth of 4 inches. Bulbs may be planted immediately after incorporation.</p>																										

USE AND RATE RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	POUNDS OF TERRACLOR 75%WP	APPLICATION NOTES												
Lilies (Easter) (Asiatic) (Oriental)	Root Rot / Stem Rot (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>) Bulb Rot / Crown Rot (<i>Sclerotium rolfsii</i>) (<i>Pellicularia rolfsii</i>) Stem Rot / Black Rot (<i>Sclerotinia sclerotiorum</i>)	3 ¼ - 6 ½	BROADCAST INCORPORATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to assure uniform ground coverage. Thoroughly incorporate to a depth of 6 to 7 inches. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.												
		4 ½ - 6	IN-FURROW APPLICATION AT PLANTING: Apply specified amount to 1000 linear ft. of row in 5 to 10 gals. of water. Direct spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.												
		4 - 6	BULB SOAK: Mix specified amount in 100 gals. of water. A sticking agent may be added. Maintain good agitation in dip tanks. Soak bulbs in mixture for 5 - 15 minutes.												
Magnolia grandiflora	Magnolia Leaf Spot (<i>Phyllostica cookeri</i>)	2	FOLIAR SPRAY APPLICATION: Apply specified amount in 100 gallons of water. Add a spreader-sticker at the rate of 1 pint per 100 gallons. Begin applications approximately 1 week before disease normally appears. Apply at least 4 sprays at 2 week intervals. NOTE: Do not use on Magnolia fuscata as injury may result.												
Cut Flowers such as but not limited to: Carnation Chrysanthemum Roses	Storage Rot (<i>Botrytis cinerea</i>)	¾ - 2	DIP APPLICATION: Mix specified amount in 100 gallons of water. Maintain good agitation in dip tanks. Dip prior to storage.												
		2	SPRAY APPLICATION: Mix specified amount in 100 gallons of water. Thoroughly spray prior to storage.												
Southern Pine Seedlings	Root / Stem Rot, Damping Off (<i>Rhizoctonia spp.</i>) (<i>Pellicularia filamentosa</i>) Needle Blight (<i>Dothistroma pini</i>)	1 ½	BROADCAST APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. An additional 1/2 inch of water should be applied by irrigation following treatment. Seed may be planted immediately following irrigation or within one week of this date.												
Vegetable Bedding Plants Limited to only container grown: Beans (excluding cowpeas) Broccoli Brussel Sprouts Cabbage Cauliflower Peppers Tomatoes	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)	¼ - ½ (4 - 8 ozs.)	SOIL DRENCH APPLICATIONS IN THE NURSERY OR GREENHOUSE: Mix specified amount in 100 gals. of water and apply according to the following guidelines: For Container Grown Plants: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Soil Depth inches</th> <th>Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.</th> <th>Sq. ft./100 gals.</th> </tr> </thead> <tbody> <tr> <td>2 or less</td> <td>16</td> <td>800</td> </tr> <tr> <td>3</td> <td>24</td> <td>530</td> </tr> <tr> <td>4 or more</td> <td>32</td> <td>400</td> </tr> </tbody> </table> One repeat application may be made 4 to 6 weeks later, if necessary.	Soil Depth inches	Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.	Sq. ft./100 gals.	2 or less	16	800	3	24	530	4 or more	32	400
Soil Depth inches	Coverage for TERRACLOR 75%WP Drench Mix Fl. oz./Sq. ft.	Sq. ft./100 gals.													
2 or less	16	800													
3	24	530													
4 or more	32	400													

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TERRACLOR 75%WP 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 TERRACLOR 75%WP fungicide by testing a small number of the type of plants to be treated at the recommended rates for that particular group, i.e., bedding plants, foliage, etc. and observing the treated plants over a one to two week period for symptoms of phytotoxicity, which may occur as foliage burn or stunted growth. The user assumes all risks arising out of application to unlabeled plants.

USE DIRECTIONS FOR CHEMIGATION

In addition to the above use rates and recommendations, the following precautions must be observed when using this product in any type of irrigation system:

Apply this product only through the following irrigation systems:

- 1) Pressurized drench (flood) or drip (trickle),
 - 2) Micro-irrigation such as spaghetti-tube or individual tube irrigation,
 - 3) Hand-held calibrated irrigation equipment such as the hand-held wand with injector.
- Do not apply this product through any other type of irrigation system. Crop injury or lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system, (including greenhouse systems), used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for

9/10

its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.

Chemigation systems connected to public water systems must contain a functional, reduced pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water systems should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

IMPORTANT NOTICE

The directions and recommendations on this label are derived from research to ensure correct product usage. Insufficient control may result from extremes in weather conditions, or lack of following label instruction. The use of this product is beyond the control of Crompton and seller. Buyer is responsible for proper use as per directions and acceptance of product performance under extraordinary or unusual weather conditions.

Crompton is not responsible for losses or damage resulting from using TERRACLOR in any manner not specifically recommended.

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 of merchantability or fitness for a particular purpose, expressed 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.

STORAGE AND DISPOSAL

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

PESTICIDE 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 nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

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

Household:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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February 4, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202-4501

Attention: Ms. Mary Waller, PM 21
Registration Division (7505C)

Subject: **Terraclor® 75% Wettable Powder**
EPA Reg. No. 400-399
Label Notification - modification of potato footnote for California

Dear Ms. Waller:

Crompton Corp. is submitting revised labels for the registration of Terraclor 75WP (EPA Reg No. 400-399). The footnote associated with the potato use directions has been modified. No other change has been done to this label.

This submission includes the following:

- 1) Application for Pesticide Label Amendment (form 8570-1).
- 2) Five copies of the revised Terraclor 75WP (400-399) label.
- 3) One copy of the revised Terraclor 75WP label with changes highlighted.
- 4) One copy of the current Terraclor 75WP label.
- 5) Certification with Respect to Label Integrity form.
- 6) PDF file of proposed product label on CD-ROM named:
000400-00399.20040204029.potato.pdf

Should you have any questions regarding this submission, please contact Betsy Katzman at (203) 393-2163.

Sincerely,

CROMPTON MANUFACTURING COMPANY, INC.



Willard F. Cummings
U.S. Registration Manager
Crop Protection
Research & Development

EPA/dh/A236

Crompton Corporation

74 Amity Road, Bethany, CT 06524-3402 (203) 393-2163 (203) 393-2290 fax