

Mr. Willard F. Cummings
Crompton Corp.
74 Amity Rd.
Bethany, CT 06524-3402

MAY 21 2003

Dear Mr. Cummings:

Subject: Terraclor 15G Fungicide
EPA Reg. No. 400-458
Your Submission of March 3, 2003

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you revise the label as indicated below.

There has been a recent change in the Worker Protection Standard (WPS) labeling regarding the use of the term "waterproof gloves". Under Personal Protective Equipment, add "Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart". Change "waterproof gloves" to "chemical-resistant gloves made of any waterproof material" in the PPE statements and in the Agricultural Use Requirements box.

Submit one copy of the final printed label before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records

Sincerely yours,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

7505C:CGable:cg:5/21/03

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Terraclor® 15G



Fungicide

Net Contents:

COMPOSITION

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

*As nominal

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lens, 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 CLOTHING:	<ul style="list-style-type: none"> • 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.
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

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

MAY 21 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

400-458

EPA REG. NO. 400-458
EPA EST. NO.
005CM

Crompton Manufacturing Company, Inc.
Middlebury, CT 06749

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

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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.

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 15G GRANULAR		RECOMMENDED APPLICATION
		POUNDS/ACRE	POUNDS/1000 FEET OF ROW	
COTTON	Damping off, Seed and Seedling Rots (<i>Rhizoctonia solani</i>)	5 to 10 (40 inch row spacings)	0.4 to 0.8	At planting time, use 5 to 10 lbs. per acre based on 40 inch row spacing (6.4 to 12.3 oz. per 1,000 feet of row). Apply over the seed and to the covering soil, using suitable equipment. Apply the specified dosage to soil around the seed and to the covering soil as it fills 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 no till programs are utilized.
		In California: 7 to 13 (40 inch row spacings)	0.54 to 1.0	
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 (<i>Rhizoctonia solani</i>)	7 to 10 (36 inch row spacing)	0.5 to 0.7	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.				

CROP	DISEASE	RATE OF TERRACLOR 15G GRANULAR		RECOMMENDED APPLICATION
		POUNDS/ACRE	POUNDS/1000 FEET OF ROW	
CABBAGE, BRUSSELS SPROUTS, BROCCOLI, CAULIFLOWER, COLLARDS*, KALE* AND MUSTARD GREENS*	Clubroot- (<i>Plasmodiophora</i> <i>L. brassicae</i>)	25 (40 inch row spacing)	9.6	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 -		
		200	-	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 (<i>Corticium solani</i>)	75 to 100 (40 inch row spacing)	5.7 to 7.7	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 (<i>Rhizoctonia solani</i>)	7.0 to 9.0	0.5 to 0.7	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.
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PEANUTS	Root and Stem Rot (<i>Rhizoctonia solani</i>)*	7 to 13 (36 inch row spacing)	0.5 to 0.9	In-furrow Application: Apply in furrow at planting using suitable equipment. Do not use in California.
Do not exceed 2 lbs. of PCNB active ingredient per acre in any one season regardless of the method of application or formulation used. Do not feed treated vines to livestock. Do not allow hogging down of peanuts. *Use not registered by the California Department of Pesticide Regulation.				

POTATOES	Stem Canker/ Black Scurf	16 to 17 (34 inch row spacing)	1.0 to 1.1	In furrow Application: Apply only at planting time. Apply to the soil to a depth of 4 - 6 in. and into the tuber-forming area and covering soil as it fills the furrow. It is best to apply when soil is slightly moist. Do not harvest within 45 days of application.
Do not exceed 20 lbs. of actual PCNB per acre in any one season regardless of method of application or formulation used, except in California. In California, do not exceed 16 lbs. actual PCNB 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	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 0.7 to 1.0 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.

CALIBRATION

Granular applicators should be properly calibrated to deliver the desired amount of Terraclor 15G per acre. Variations in physical characteristics of the product as well as the type and age of equipment make it essential/important to calibrate applicator prior to the start of each use season.

CALIBRATION PROCEDURE

1. Read the product label and select the desired rate. Higher rates should always be used when germination factors are expected to be unfavorable for rapid emergence.
2. Fill the granular hopper with Terraclor 15G.
3. Attach a Crompton calibration tube to each hopper box. Because delivery rates for each hopper box may vary, each box should be calibrated separately.
4. Mark off 300 feet. Drive that distance at normal operating speed and collect the granules delivered from each hopper.
5. Tap the tube to settle granules. Take reading on the tube - refer to the following chart for approximate rate per acre.

Tube Reading and Equivalent Ounces of Terraclor 15G		POUNDS PER ACRE			
		row spacing (inches)			
		40	38	36	30
Q	6.3	17.1	18.1	19.0	22.8
P	5.9	16.0	16.9	17.8	21.4
O	5.5	15.0	15.8	16.6	20.0
N	5.2	14.1	14.9	15.7	18.8
M	4.8	13.1	13.8	14.5	17.5
L	4.4	12.0	12.6	13.3	16.0
K	4.1	11.2	11.7	12.4	15.0
J	3.7	10.1	10.6	11.2	13.5
I	3.3	9.0	9.5	10.0	12.0
H	3.0	8.2	8.6	9.1	10.9
G	2.6	7.1	7.4	7.9	9.5
F	2.2	6.0	6.3	6.7	8.0
E	1.8	4.9	5.2	5.4	6.5
D	1.5	4.1	4.3	4.5	5.5
Minimum use rate per row spacing		5	5.3	5.6	6.7

The pounds per acre is based on 13068 linear feet of row using 40 inch rows, on 13756 linear feet of row using 38 inch rows, on 14520 linear feet of row using 36 inch rows or 17424 linear feet of row using 30 inch rows.

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 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, 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.

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