

Terractor 75 %

SOIL FUNGICIDE WETTABLE POWDER

Controls Certain Soil-Borne Diseases Of
COTTON • CRUCIFERS • PEANUTS • TOMATOES • PEPPERS
BEANS • POTATOES • GARLIC • ORNAMENTALS

NOTICE TO BUYER

Seller makes no warranty, express or implied, by operation of law or otherwise, except that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. This warranty shall not extend to the use of this product contrary to label instructions, or under abnormal conditions, or in combination with other materials, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any injury or damage resulting from such use. Seller shall not be responsible for special, consequential or contingent damage arising from a breach of this warranty.

USE CAUTIONS

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes.

Do not plant any root crop not listed on this label in rotation with PCMB treated soils. Dispose of empty bags by burning (KEEP OUT OF SMOKE).

DIRECTIONS FOR USE

BEANS (Root and Stem Rot - Rhizoctonia solani): Furrow: Use 1 1/2 to 2 lbs. in 8 to 10 gals. of water, (per 14,500 linear feet of row for bush beans, or per 8,430 linear feet of row for pole beans). Spray the planting furrow and covering soil at planting time.

BEANS - Snap and Dry (White mold - Sclerotinia sclerotiorum): Use 2 1/2 lbs. in 8 to 10 gals. of water (per 14,500 linear feet of row for bush beans, or to 8,430 linear feet of row for pole beans). Spray an 8" band centered on the row immediately after or at the time of seeding. If disease problem is severe application may be repeated at two to three week intervals, using one or two nozzles per row directing spray at base of plant. Do not apply after first bloom. Soil should remain undisturbed after treatment. Do not feed treated vines to livestock.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE AND CAULIFLOWER (Clubroot - Plasmodiophora brassicae): TRANSPLANT SOLUTION: Use 2 to 6 lbs. per 100 gals. of water and apply 1/2 to 3/4 pt. per plant. The amount of Terractor should be based on the severity of the disease infection. Maintain agitation to hold the powder in suspension.

ROW APPLICATION: Apply 30 lbs. per acre (per 13,100 linear feet of row for cabbage, broccoli and Brussels sprouts or per 10,900 linear feet of row for cauliflower). Apply as a dust in 12 to 15 inch band, by means of a suitable row applicator and rototill to a depth of 4 to 6 inches immediately prior to transplanting.

BROADCAST: Apply 40 lbs. per acre as dust to the soil surface prior to transplanting. Disc and cross disc to a depth of 4 to 6 inches.

NOTE: For clubroot of cabbage, cauliflower, broccoli, and Brussels sprouts it is very important to thoroughly mix it with the soil.

(Wire Stem or Black Root - Corticium solani): Broadcast drench application: Apply 15 to 20 lbs. in not less than 50 gals. of water per acre as a soil drench immediately after or at the time of seeding. For smaller areas use 1 level tablespoon per gal. of water as a soil drench for 50 sq. ft. of seedbed with a watering can.

Row Drench Application: Apply 10 to 15 lbs. in not less than 35 gallons of water per acre per 13,100 linear feet of row for cabbage, broccoli and Brussels sprouts or per 10,900 linear feet of row for cauliflower. Apply in an 8 inch band centered on the row immediately after or at the time of seeding.

COTTON (Damping-off - Rhizoctonia solani) SPRAY TREATMENT: Use 1 1/2 to 2 1/2 lbs. per acre mixed with at least 15

ACTIVE INGREDIENT:

Pentachloronitrobenzene

75%

INERT INGREDIENTS:

25%

TOTAL

100%

CAUTION

KEEP OUT OF REACH OF CHILDREN

Avoid inhaling dust. This material may cause skin irritation. Wash hands and face thoroughly after using. Wear gloves and a respirator when loading the spreader or duster. Do not contaminate feed or foodstuffs.

DIRECTIONS FOR USE (Con't.)

gals. of water (per 13,000 linear feet of row based on 40 in. spacings). Apply as a spray upon the seed and surrounding soil at planting time. Do not allow the feeding or grazing of cotton foliage by livestock.

COTTON SEED TREATMENT - PRE-EMERGENCE: (Damping-off - Rhizoctonia solani): Mix 4 ozs. with 1 to 1 1/2 pts. of water and spray onto 100 lbs. of seed. Terractor was developed for this use in the California Arizona area.

NOTE: Treated seed should be colored and labeled "Treated seed. Do not use for feed or food purposes. Seed has been treated with pentachloronitrobenzene."

GARLIC (White rot - Sclerotium cepivorum): CLOVE TREATMENT: Use 13 1/2 lbs. per 1000 lbs. of seed. Cloves dust thoroughly to insure good coverage and then mist spray lightly with water containing a commercial sticker to moisten the dusted cloves.

SOIL TREATMENT (IN-FURROW): As a spray apply at planting time, using 27 1/2 lbs. mixed in 100 gallons of water. 1 gallon solution per 218 linear feet of row based on 24 inch spacings. Attach a suitable spraying rig to the machine planter using two nozzles per planting 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.

As a dust apply 25 to 30 lbs. per acre (1 to 1 1/2 lbs. per 870 linear feet of row based on 24 inch spacings). A suitable duster should be mounted on the planter, and the dust tubes and attach it is directed to treat the bottom of the furrow and the "seed" as dropped and covering soil.

PEANUT (Southern Stem and Root Rot - Sclerotium rolfii): PREPLANT SOIL MIX: Apply 13 lbs. per 12,400 linear feet of row as a spray in an 8 to 12 inch band centered on the row at 1 inch to a depth of 2 to 4 inches. Application may be made simultaneously with planting using suitable application equipment.

SURFACE BAND TREATMENT: At preplanting time apply 13 lbs. per 12,400 linear feet of row as a dust or as a spray when added to 8 to 10 gallons of water, directed to center of row in 12 inch band so as to cover crown of plant and beginning zone. If middles are cultivated at the same time attach two delivery tubes or nozzles, one to each side and ahead of cultivator sweeps. Do not move any untreated soil into the treated area if necessary move inside sweep. Do not feed treated peanut hay to livestock. Do not allow hogging down of treated peanuts.

Soil Mix During Cultivation: Apply in split applications during three cultivations at the rate of 4 lbs. in 8 to 10 gals. of water per acre per application. Attach two spray nozzles per row ahead of inside cultivator sweeps fore on each side and attach so as to treat a total band of 12 inches wide centered on the row. Do not pile untreated soil on crown of plant.

POTATOES (Rhizoctonia solani): Broadcast treatment: Use 24 to 33 lbs. per acre prior to planting. Disc and cross disc to a depth of 4 to 6 inches.

DIRECTIONS FOR USE (Con't.)

In Row Treatment (in-furrow): Use 13 1/2 lbs. mixed with approximately 20 gallons of water (per 12,400 linear feet of row). Spray several points in the planting row to treat all the soil that surrounds and covers the seed piece and potato forming zone. Three nozzles attached to the planter work best, one fan nozzle ahead of opening discs (approximately 5 gals. of spray per acre), one cone nozzle placed above and slightly ahead of closing discs (approximately 10 gals. of spray per acre), one fan nozzle to rear of closing discs (approximately 5 gals. of spray per acre). Spray pattern should treat a 12 to 14 inch band centered on the row.

TOMATOES AND PEPPERS (Southern Blight - Sclerotium rolfii): Field use only. Transplant Solution: Mix 3 to 5 lbs. in 100 gals. of water and apply 1/2 pt. per plant at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper dosage.

TRENCH SPRAY: Apply 10 lbs. in 100 gals. of water per acre (per 14,500 linear feet of row for peppers, per 7,300 linear feet of row for flat tomatoes, or 10,900 linear feet of row for staked tomatoes) over opened "V" trench just before 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.

WHEAT SEED TREATMENT (Common Smut or Bunt): Wheat should be well cured and cleaned prior to treatment. As a dry treatment apply at the rate of 1 oz. per bushel of seed. As a slurry treatment apply in conventional slurry treatment equipment at the following rates for 23cc cup, use a mixture of 13 1/2 lbs. per gal. of water. For 46cc cup, use a mixture of 1 lb. per gal. of water. This will deposit approximately 1 oz. per bushel of wheat seed.

NOTE: Treated seed should be colored and labeled "Treated seed. Do not use for feed or food purposes. Seed has been treated with pentachloronitrobenzene."

ORNAMENTALS:

AFRICAN VIOLETS, BEGONIAS, CARNATIONS, CHRYSANTHEMUMS, FLOXETIAS, SNAPDRAGONS AND SIMILAR BEDDING PLANTS: (Stem Rot - Rhizoctonia): Apply 2 lbs. per 1000 sq. ft. by dusting on the soil surface and thoroughly mixing into the top 2 inches of soil. As a soil drench, use at the rate of 2 1/2 lbs. in 300 gals. of water per 1000 sq. ft. of bench or bed area. For best results apply to a well prepared seed bed.

AZALEA (Petal blight caused by Oculimia azaleae): Apply 1 lb. per 150 sq. ft. as a ground spray or dust. Begin application prior to opening of buds and repeat every 3-4 weeks through the bloom period. Apply uniformly to the ground beneath the bushes and surrounding area. When applied as a spray use sufficient water to give uniform coverage.

BURBON VIOLETS, HYACINTH, NARCISSUS AND TULIP (Crown Rot and Black Rot): Broadcast: Apply 3 1/4 to 6 1/2 lbs. per 1000 sq. ft. to soil surface and mix thoroughly in upper 6 to 7 inches by double discing or rototilling.

Furrow: Apply 4 1/2 to 6 lbs. per 1000 linear ft. of row as a dust at the time bulbs are planted. While the furrow is open, dust the sides and edges of the bulbs. Then close furrow in normal manner.

NOTE: Use higher rate for heavier soils and for Black Rot Control.

Bulb dips: Dip bulbs for 5 minutes in a 7.5% concentration which is obtained by adding 3 lbs. to 485 gals. of water. Add 1% sticker. Maintain good agitation in the dip tank.

CALENDULA, LARKSPUR, SNAPDRAGON AND SWEET PEA (Stem Rot - Sclerotinia): Apply prior to planting 1 1/2 lbs. per 100 sq. ft. The dust should be spread on the soil surface and evenly distributed in the soil to a depth of 4 inches.

CAMELLIA (Camellia Flower Blight): To the surface of the soil or leaf litter beneath the bushes apply 1 lb. per 150 sq. ft.

DIRECTIONS FOR

Begin application prior to opening of buds and repeat every 3-4 weeks through the bloom period. Broadcast: Apply 3 1/4 to 6 1/2 lbs. per 1000 sq. ft. or dust prior to planting and of soil by discing or rototilling. ROW: Apply 1/2 lb. per 1000 or dust in a 12 inch band at time. Follow with three additional 15 day intervals.

EASTERN LILIES (Rhizoctonia R. to 6 1/2 lbs. per 1000 sq. ft. in upper 6 to 7 inches by double discing or rototilling. FURROW: Apply 4 1/2 to 6 lb. as a dust or spray at the time furrow is open, dust the sides close furrow in normal manner.

NOTE: Use the lower rates on the higher rates for heavier soils.

BULB DIPS: Suspend 4 to 6 dip bulbs for 5 to 15 min. Maintain good agitation in dip.

GLADIOLUS (Neck or Bulb Rot): Broadcast: At plant 1000 sq. ft. to soil surface at 6 inches by double discing, planted immediately).

ROW: At planting time apply of row and thoroughly mix 4 (Bulbs may be planted immediately).

MAGNOLIA GRANDIFLORA (II cocker): Apply as spray to 1 per 100 gals. of water. Add 1 pt. per 100 gals. of water.

one week prior to the time of least four sprays at 2 week intervals.

Magnolia fuscata as injury m. ROSES (Bacterial Storage Rot): 100 gals. of water and dip.

Maintain good agitation in dip per 100 gals. and thorough storage.

SOUTHERN PINE SEEDLINGS: to the nursery beds at the 100 gallons of water. An ad.

should be applied by irrig immediately after irrigation or.

LAWNS (Brown Patch - Rhizoctonia): Make one application of infection. Mix 1 lb. over 1000 sq. ft. Apply b

or or any other convenient m following application, the tre

ed to insure movement thro treated area is subjected to

ed or if the disease is severe be retreated 3-4 weeks later using 1 lb. mixed in 40 gals

for Northern or cool season Bluegrass. Bent and similar of water to cover 1000 sq.

Repeat every 7-10 days until treated area lightly to wash

NOTE: Under certain grow coloration of the grass or ornamental will disappear in

LR439B 05U 6124E

Terractor 75% SOIL FUNGICIDE WETTABLE POWDER

8-4-71
1258-185

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

CAUTION KEEP OUT OF REACH OF CHILDREN

Avoid inhaling dust. This material may cause skin irritation. Wash hands and face thoroughly after using. Wear gloves and a respirator when loading the spreader or duster. Do not contaminate feed or foodstuffs.

DIRECTIONS FOR USE (Cont.)

gals. of water (per 13,000 linear feet of row based on 40 in. spacings). Apply as a spray upon the seed and surrounding soil at planting time. Do not allow the feeding or grazing of cotton foliage by livestock.

COTTON SEED TREATMENT - PRE-EMERGENCE: (Damping-off, *Rhizoctonia solani*). Mix 4 ozs. with 1 to 1 1/2 pts. of water and spray onto 100 lbs. of seed. Terractor was developed for this use in the California-Arizona area.

NOTE: Treated seed should be colored and labeled "Treated seed; do not use for feed, food or oil purposes. Seed has been treated with pentachloronitrobenzene."

GARLIC (White rot - *Sclerotium cepivorum*): CLOVE TREATMENT: Use 13 1/2 lbs. per 1000 lbs. of "seed" cloves. Dust thoroughly to insure good coverage and then mist-spray lightly with water containing a commercial sticker to moisten the dusted cloves.

SOIL TREATMENT (IN-FURROW): As a spray apply at planting time, using 27 1/2 lbs. mixed in 100 gallons of water. 1 gallon solution per 218 linear feet of row. Based on 24 inch spacings. Attach a suitable spray rig to the machine planter, using two nozzles per planting 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.

As a dust, apply 25 to 30 lbs. per acre (1 to 1 1/2 lbs. per 870 linear feet of row based on 24 inch spacings). A suitable duster should be mounted on the planter and the dust tubes and attachments directed to treat the bottom of the furrow and the "seed" as dropped and covering soil.

PEANUTS (Southern Stem and Root Rot - *Sclerotium rolfsii*): PREPLANT SOIL MIX: Apply 13 lbs. per 12,400 linear feet of row as a spray in an 8 to 12 inch band centered on the row and mix to a depth of 2 to 4 inches. Application may be made simultaneously with planting using suitable application equipment.

SURFACE BAND TREATMENT: At preplanting time apply 13 lbs. per 12,400 linear feet of row as a dust or as a spray when added to 8 to 10 gallons of water directed to center of row. 12 inch band so as to cover crown of plant and planting zone. If multiple rows are cultivated at the same time, attach two delivery tubes or nozzles, one to each side and ahead of cultivator sweep. Do not move any untreated soil into the treated area; if necessary, remove inside sweep. Do not feed treated peanut hay to livestock. Do not allow hogging down of treated peanuts.

Soil Mix During Cultivation: Apply in split applications during three cultivations at the rate of 4 lbs. in 8 to 10 gal. of water per acre per application. Attach two spray nozzles 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 crown of plant.

POTATOES (*Rhizoctonia solani*): Broadcast treatment: Use 24 to 33 lbs. per acre prior to planting. Disks and cross disks to a depth of 4 to 6 inches.

DIRECTIONS FOR USE (Cont.)

In Row Treatment (in-furrow) use 13 1/2 lbs. mixed with approximately 20 gallons of water (per 12,400 linear feet of row). Spray several points in the planting row to treat the soil that surrounds and covers the seed piece and potato turning zone. Three nozzles attached to the planter work best, one fan nozzle ahead of opening discs (approximately 5 gals. of spray per acre), one cone nozzle placed above and slightly ahead of closing discs (approximately 10 gals. of spray per acre), one fan nozzle to rear of closing discs (approximately 5 gals. of spray per acre). Spray pattern should treat a 12 to 14 inch band centered on the row.

TOMATOES AND PEPPERS (Southern Blight - *Sclerotium rolfsii*): Field use only. Transplant Solution: Mix 3 to 5 lbs. in 100 gals. of water and apply 1/2 pt. per plant at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper dosage.

TRENCH SPRAY: Apply 10 lbs. in 100 gals. of water per acre (per 14,500 linear feet of row for peppers, per 7,300 linear feet of row for flat tomatoes, or 10,900 linear feet of row for staked tomatoes) over opened "V" trench just before 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.

WHEAT SEED TREATMENT (Common Smut or Bunt): Wheat should be well cured and cleaned prior to treatment. As a dry treatment apply at the rate of 1 oz. per bushel of seed. As a slurry treatment apply in conventional slurry treatment equipment at the following rates: for 23cc cup use a mixture of 1 1/4 lbs. per gal. of water. For 46cc cup use a mixture of 1 lb. per gal. of water. This will deposit approximately 1 oz. per bushel of wheat seed.

NOTE: Treated seed should be colored and labeled "Treated seed; do not use for feed or food purposes. Seed has been treated with pentachloronitrobenzene."

ORNAMENTALS:

AFRICAN VIOLETS, BEGONIAS, CARNATIONS, CHRYSANTHEMUMS, POINSETTIAS, SNAPDRAGONS AND SIMILAR BEDDING PLANTS (Stem Rot - *Rhizoctonia*): Apply 2 lbs. per 1000 sq. ft. by dusting on the soil surface and thoroughly mixing into the top 2 inches of soil. As a soil drench, use at the rate of 2 1/2 lbs. in 300 gals. of water per 1000 sq. ft. of bench or bed area. For best results, apply to a well prepared seed bed.

AZALEA (Petiole blight caused by *Onyminia azaleae*): Apply 1 lb. per 150 sq. ft. as a ground spray or dust. Begin application prior to opening of buds and repeat every 3-4 weeks through the bloom period. Apply uniformly to the ground beneath the bushes and surrounding area. When applied as a spray use sufficient water to give uniform coverage.

BULBOUS LILIES, HYACINTHS, MARCESSUS AND TULIP (Crown Rot and Black Rot): Broadcast: Apply 3 1/4 to 6 1/2 lbs. per 1000 sq. ft. to soil surface and mix thoroughly in upper 6 to 7 inches by double disking or rotovating.

Furrow: Apply 4 1/2 to 6 1/2 lbs. per 1000 linear feet of row as a dust at the time bulbs are planted. While the furrow is open, dust the sides and edges of the bulbs. Then close furrow in normal manner.

NOTE: Use higher rate for heavier soils and for Black Rot Control.

Bulb dips: Dip bulbs for 5 minutes in a 7.5% concentration which is obtained by adding 3 lbs. to 4.85 gals. of water. Add 1% sticker. Maintain good agitation in the dip tank.

CALENDULA, LARKSPUR, SNAPDRAGON AND SWEET PEA (Stem Rot - *Sclerotinia*): Apply prior to planting 1 lb. per 150 sq. ft. The dust should be sprayed on the soil surface and evenly distributed in the soil to a depth of 4 inches.

CAMELLIA (Camellia Flower Blight): To the surface of the soil or leaf litter beneath the bushes apply 1 lb. per 150 sq. ft.

DIRECTIONS FOR USE (Cont.)

Begin application prior to opening of buds and repeat every 3-4 weeks through the bloom period.

DUTCH LILIES (Bulb and stem rot caused by *Sclerotium rolfsii*): Broadcast: Apply 3 1/4 to 4 1/2 lbs. per 1000 sq. ft. as a spray or dust prior to planting and mix with the top 2 or 3 inches of soil by disking or rotovating.

ROW: Apply 1/2 lb. per 1000 linear feet of row as a spray or dust in a 12 inch band centered on the row at planting time. Follow with three additional applications at this rate at 15 day intervals.

EASTER LILIES (*Rhizoctonia Root Rot*): Broadcast: Apply 3 1/4 to 6 1/2 lbs. per 1000 sq. ft. to soil surface and mix thoroughly in upper 6 to 7 inches by double disking or rotovating.

FURROW: Apply 4 1/2 to 6 lbs. per 1000 linear ft. of row, as a dust or spray at the time bulbs are planted. While the furrow is open, dust the sides and edges and the bulbs. Then close furrow in normal manner.

NOTE: Use the lower rates of application for light soils and the higher rates for heavier soils.

BULB DIPS: Suspend 4 to 6 lbs. in 100 gals. of water and dip bulbs for 5 to 15 minutes. A sticker may be added. Maintain good agitation in dip tanks.

GLADIOLUS (Neck or Bulb Dry Rot - *Stromatinia* or *Sclerotinia gladioli*): Broadcast: At planting time apply 3 1/2 lbs. per 1000 sq. ft. to soil surface and mix thoroughly in upper 4 to 6 inches by double disking or rotovating (Bulbs may be planted immediately).

ROW: At planting time apply 5 1/2 lbs. per 1000 linear feet of row and thoroughly mix 4 to 6 inches deep by rotovating. (Bulbs may be planted immediately).

MAGNOLIA GRANDIFLORA (Magnolia leaf spot - *Phyllosticta coccinea*): Apply as spray to the foliage at the rate of 2 lbs. per 100 gals. of water. Add a spreader sticker at the rate of 1 pt. per 100 gals. of water. Begin application approximately one week prior to the time disease is likely to occur. Apply at least four sprays at 2 week intervals. **NOTE:** Do not use on *Magnolia fuscata* as injury may result.

ROSES (Bacterial Storage Rot): As a dip mix 1 to 2 lbs. to 100 gals. of water and dip dormant roses prior to storage. Maintain good agitation in dip tank. As a spray mix 2 lbs. per 100 gals. and thoroughly spray dormant roses prior to storage.

SOUTHERN PINE SEEDLINGS (*Rhizoctonia needle blight*): Apply to the nursery beds at the rate of 50 lbs. per acre mixed in 100 gallons of water. An additional 1/2 inch of water per acre should be applied by irrigation or as late as a week later.

LAWNS (Brown Patch - *Rhizoctonia solani*): For Southern or warm season lawns such as St. Augustine, Bermuda and similar grasses. Make one application 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, spray or any other convenient method of obtaining even coverage.

Following application 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 flood, etc., or if the disease is severe or reappears, the area should be retreated 3-4 weeks later. For *Dichomra*, treat as above using 1 lb. mixed in 40 gals. of water per 1000 sq. ft.

For Northern or cool season lawns such as Ryegrass, Fescue, Bluegrass, Bent and similar grasses. Mix 3-4 ozs. in 3-6 gals. 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.

NOTE: Under certain growing conditions a temporary discoloration of the grass occasionally may occur. This causes no harm and will disappear in a short time.

CR4398 OFU 6124875 USDA Reg. No. 1258 185