



PCNB 10% GRANULES  
S O I L F U N G I C I D E

FOR CONTROL OF SOIL BORNE DISEASES AS LISTED  
ON COTTON - BEANS - CRUCIFERS - PEANUTS - LAWNS & TURF  
ORNAMENTAL PLANTINGS - POTATOES.

ACTIVE INGREDIENT:	
Pentachloronitrobenzene . . . . .	10.0%
INERT INGREDIENTS: . . . . .	90.0%
Total	100.0%

**ACCEPTED**

**JUL 14 1986**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-211

KEEP OUT OF REACH OF CHILDREN

**C A U T I O N**

STATEMENTS OF PRACTICAL TREATMENT

- IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
- IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately.
- IF ON SKIN: Remove contaminated clothing and wash affected area with soap & water.
- IF INHALED: Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

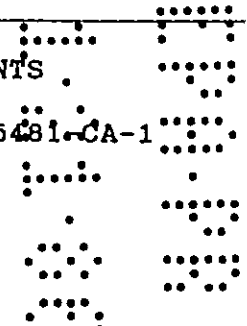
SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REF. NO 5481-ERR(211)

EPA EST. NO. 5481-CA-1

NET WEIGHT 50 POUNDS

AMVAC CHEMICAL CORPORATION  
4100 EAST WASHINGTON BLVD  
LOS ANGELES CA 90023



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid inhaling dust. This product may cause skin irritation. Avoid contact with skin by wearing the following protective clothing: gloves, long-sleeved shirt, long pants, socks and shoes, Wash hand and face thoroughly after using and before eating or smoking. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not plant any root crop not registered for PCNB in rotation on PCNB treated soil.

IMPORTANT: Where minimum and maximum rates are given, use the lower rate for crops in Sandy soils and when conditions are unfavorable for the development of disease. Use the maximum rate for Heavy Organic soils and when conditions are favorable for the disease such as moist conditions with warm days and cool nights.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store product in its original container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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.

DIRECTIONS FOR USE (Cont.)

COTTON: For the control of Damping-off, Seed and Seedling Rots -- APPLY AS AN "IN-FURROW SOIL TREATMENT" for Rhizoctonia solani: Apply 10 to 20 lbs. per acre as an "In-Furrow" soil application which is equivalent to 1 to 2 lbs. per 1300 linear feet of row based on a 40 inch spaced row. By using suitable application equipment apply over the seed and immediately cover with the seed at planting time. Do not allow livestock to graze or feed on cotton foliage in treated fields.

BEANS: Root and Stem Rot -- Rhizoctonia solani: APPLY AS AN "IN-FURROW SOIL TREATMENT" - Apply 10 to 15 lbs. per 14,500 linear feet of row for Bush Beans or per 8,340 Sq.Ft. of row for Pole Beans. Apply over the seed at planting time in the furrow and immediately cover with soil utilizing appropriate application equipment. Do not feed treated vines to livestock.

CRUCIFERS - CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, AND BROCCOLI - Clubroot - Plasmodiophora brassicae: APPLY AS A "PRE-TRANSPLANTING ROW TREATMENT" - Apply 200 lbs. per 13,100 feet of row for Cabbage, Broccoli and Brussels Sprouts or to 10,900 linear feet of row for Cauliflower, in a 12 to 15 inch band. Apply & rototill the granules to a depth of 4 to 6 inches just before transplanting. TO APPLY AS A "BROADCAST TREATMENT" - Apply 300 lbs. per acre to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.

DIRECTIONS FOR USE (Cont.)

**CAULIFLOWER:** For control of Wire stem or Black Rot - Corticium solani -  
APPLY AS A BAND ROW TREATMENT - Apply 110 to 150 lbs. per 10,900 linear  
feet of row in an 8 inch wide band centered on the row, immediately before  
planting. For small areas use 12 lbs. per 1000 Sq.Ft. Mix granules into soil  
before planting to a depth of 2 inches.

**PEANUTS:** For Southern Blight - Sclerotium rolfsii - AS A SURFACE BAND TREATMENT  
apply 100 lbs. per 12,400 linear feet of row, in an 8 to 12 inch wide band,  
centered on the row, at "Pegging Time". - AS A PRE-PLANT SOIL  
TREATMENT apply 100 lbs./12,400 linear feet of row , in an 8 to 12 inch band,  
centered on the row. Mix to a depth of 2 to 4 inches. This should be done  
simulanteouly with planting, using appropriate equipment. AS A SOIL MIX "DURING  
CULTIVATION" it may be applied in three split applications when cultivating  
the crop at the rate of 33 lbs. per 12,400 Sq.Ft. per treatment by attaching  
two delivery tubes per row ahead of inside cultivator sweeps (One on each side)  
and adjusted so as to treat a total band of 12 inches wide, centered on the row.  
Do not pile untreated soil on crown of plant. NOTE: Do not exceed 10 lbs. actual  
PCNB per acre in any one season, regardless of the application methods used.  
Do not feed treated vines to livestock. Do not allow hogging down of peanuts.

**POTATOES:** Rhizoctonia solani - AS AN OVER-ALL BROADCAST TREATMENT - Apply 180  
to 250 lbs. per acre over the soil surface prior to planting and thoroughly  
disc to a depth of 4 to 6 inches cross-discing if necessary. - AS AN  
"IN-FURROW" TREATMENT - Apply 100 lbs/12,400 linear feet of a 36 inch row by  
thoroughly working granules to a depth of 4 to 6 inches and into the tuber-  
forming area of the soil. It is best to apply when the soil is slightly moist.

IN LAWNS AND ORNAMENTAL TURF FOR BROWN PATCH (RHIZOCTONIA SOLANI)

**SOUTHERN GRASSES** - For St. Augustine, Bermuda, etc. and Dichondra apply 7 1/2  
lbs./ 1,000 Sq.Ft. in the fall or the spring at the first sign of infection.  
Lightly sprinkle the area to wash the granules to soil level. An additional  
application in 3 to 4 weeks may be needed for continued control if heavy  
rainfall or flooding occurs after this treatment.

**NORTHERN GRASSES** - For Bluegrass, Fescue, Rye, Bent, etc. apply 2 to 2 1/2 lbs.  
per 1,000 Sq.Ft. when disease first appears and repeat at 7 to 10 day intervals  
during warm, damp weather. Lightly sprinkle the area to wash granules to soil  
level. During lush growing periods a temporary discoloration of the grass may  
occur however this is not harmful and will disappear in a few days.

ORNAMENTAL PLANTS

**BEDDING PLANTS:** For African Violets, Begonias, Carnations, Chrysanthemums,.....  
Poinsettias, Snapdragons and similar bedding plants treat bench soil prior to  
planting with 15 lbs. granules / 1,000 Sq.Ft. for control of RHIZOCTONIA, STEM  
ROT. Thoroughly work into the top 2 inches of soil.

**BULBS:** For Tulips, Narcissus, Hyacinth, and Bulbous Iris in production apply  
1,000 to 2,000 lbs. per acre to the soil as a pre-plant broadcast application  
for control of CROWN ROT and BLACK ROT. (Equivalent to 2.25 to 4.5 lbs./100  
Sq.Ft.). Mix with the top 6 to 7 inches of soil with appropriate equipment.....  
Use the higher rate in heavy organic soils and especially for the control of  
Black Rot.

**CALENDULAS, LARKSPUR, SNAPDRAGON, SWEET PEA** - For control of SCLEROTINA, STEM  
ROT apply 1,000 lbs./acre as a Broadcast application 1 week before planting;  
(Equiv. to 2.25 lbs. per 100. Sq.Ft.). Mix with soil to a depth of 4 inches.

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DIRECTIONS FOR USE (Cont.)

DUTCH IRIS: For Bulb and Stem Rot caused by Sclerotium roflsii disease make a PRE-PLANTING BROADCAST SOIL APPLICATION of 1,000 to 1,500 lbs. per acre which is equivalent to 2.25 to 3.5 lbs. /100 Sq.Ft. Mix the granules with the soil to a depth of 2 to 3 inches. FOR A ROW "BAND TREATMENT" apply 60 lbs. per 14,500 Sq.Ft. of linear row in a 12 inch band centered on the row, at planting time. Follow this treatment with 3 additional band applications at 15 day intervals.

EASTER LILY (LILIUM LONGIFLORIUM EXIMIUM): For control of Rhizoctonia Root Rot apply AS A BROADCAST SOIL TREATMENT at the rate of 1,000 lbs. on light sandy soils and 2,000 lbs. per acre on heavy organic soils. Follow with a good double discing to mix granules with the soil to the depth of 6 to 7 inches.

GLADIOLUS: For Neck or Bulb Dry Rot caused by Stromatinia or Sclerotinia Gladioli apply 1,200 lbs. per acre (equivalent to 2 3/4 lbs. per 100 Sq.Ft.) AS A BROADCAST SOIL TREATMENT. Thoroughly mix with soil to depth of 4 to 6 inches Corms may be planted immediately.

NOTICE: This 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. Manufacturer is not responsible for use of product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

