

PCNB 10% GRANULES SOIL FUNGICIDE

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

ACTIVE INGREDIENT:	Pentachloronitrobenzene (PCNB)	10.0%
INERT INGREDIENTS:		90.0%
	Total	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENTS OF PRACTICAL TREATMENT
 IF SWALLOWED: Call 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. **EYES:** Flush eyes with plenty of water. Get medical attention immediately. **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.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
 CAUTION: Harmful if swallowed. Avoid breathing dust. This product may cause skin irritation. Do not contaminate feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
 Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; shoes plus socks and a Dust/Mist Filtering respirator (MSHA/NIOSH approval number 10-C-210). Follow manufacturer's instructions for cleaning/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. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as practicable, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
 This pesticide is toxic to fish and aquatic organisms. Cover or incorporate granules. Do not contaminate water when disposing of equipment washwaters. 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 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 root crops in PCNB treated fields within 12 months of broadcast and banding applications unless PCNB is registered for use on those crops. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. **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 avoid conditions with warm days and cool nights.

AGRICULTURAL USE REQUIREMENTS
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 29 CFR part 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). The requirement in this box only apply to uses of this product that are covered by the Worker Protection Standard. 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. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for each 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: long-sleeved shirt and long pants; waterproof gloves and shoes plus socks.

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.

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 1000 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 and 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. **CAULIFLOWER:** For control of Wilt stem or Black Rot (Corticium solani) APPLY AS A BROADCAST 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 / 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, or gapping lines. - AS A PRE-PLANT SOIL TREATMENT apply 100 / 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 simultaneously 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 adjusting the sweeps 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 26 inch row by thoroughly working granules to a depth of 4 to 6 inches and into the furrow-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 Dichandra - 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 the treatment.

NORTHERN GRASSES - For Bluegrass, Fescue, Ryegrass, 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.

HELMINTHOSPORIUM LEAF SPOT

Apply at the rate of 5 to 7 1/2 lbs / 1,000 sq ft. Preventive applications should be made in the spring or fall of each year. For control of existing infections, apply at the higher rate as soon as symptoms are first noted. Following applications, 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 in 3 to 4 weeks.

SNOW MOLD

(Typhula incarnata, Fusarium nivale) Apply at the rate of 5 to 7 1/2 lbs / 1,000 sq ft using a granular lawn spreader or comparable equipment. Application should be made prior to first snow fall. Do not graze treated areas or feed clippings to livestock.

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

For control of Sclerotinia and Stem rot. Apply 1,000 lbs per acre as a broadcast application 1 week before planting. (Equivalent to 2.25 lbs per 100 sq ft) Mix with soil to a depth of 4 inches.

DUTCH IRIS

For Bulb and Stem Rot caused by Sclerotium rolfsii 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 Longiflorum Eschmuller) For control of Rhizoctonia Root Rot. Apply AS A BROADCAST SOIL TREATMENT at the rate of 1,000 lbs per acre 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 Stromataria or Sclerotium gladioli. Apply 1,200 lbs per acre (equivalent to 2.34 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.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following LIMITED WARRANTY: AMVAC warrants that: (1) the product conforms to the chemical description on its label, (2) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (3) that the directions, warnings, cautions, and other statements on this label are based upon responsible expert evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all application, weather and crop conditions. There are no express warranties other than those set forth herein. Amvac neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Amvac expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions. User's exclusive remedy and Amvac's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or other area shall be limited, at Amvac's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Amvac or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (2:1-WPS PM401-03-94)

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY
 TRANSPORTATION: CHEMTREC 1-800-424-9300
 MEDICAL: HAZARD INFORMATION SERVICES (HIS) 1-800-228-5635 Ext. 169

EPA REG. NO 5481-211 EPA EST. 5481-CA-1
NET WEIGHT 50 POUNDS

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON B'VD. - LOS ANGELES, CA 90023 U.S.A.

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