

PCNB 75%

WETTABLE POWDER PH 25 5481-279 1041
SOIL FUNGICIDE

FOR COTTON, PEANUTS, BEANS*, BROCCOLI, BRUSSELS SPROUTS,
CABBAGE, CAULIFLOWER, GARLIC*, PEPPERS, TOMATOES*.

ACTIVE INGREDIENT: Pentachloronitrobenzene (PCNB) 75.0%
INERT INGREDIENTS: 25.0%
TOTAL 100.0%

EPA REG. NO. 5481-279

EPA EST NO. 51036-GA-1

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. IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and warm water. Get medical attention if irritation persists. IF INHALED: Remove victim to fresh air and give artificial respiration if indicated.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing dust. May cause skin irritation. Wash hands and face thoroughly after using and before eating or smoking. Avoid contact with skin. The following protective clothing is required (when using/working equipment): (An approved respirator for professional applicators only), gloves, long sleeved shirt, long pants, socks and shoes. Thoroughly wash all contaminated clothing before reuse. Do not contaminate food or feedstuffs.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. This product 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 or wetlands (swamps, bogs, marshes, and potholes). Apply this product only as specified on this label. 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. Do not apply this product through any type of irrigation system.

*Not for any use in California on Garlic or Tomatoes or as a "soilless" application on Soles or Dry Beans for control of white mold on these vegetables.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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.

GENERAL INFORMATION

PCNB 75% Wettable Powder is a protective fungicide recommended for control of the listed soil borne diseases of field and vegetable crops. Best results are achieved when used as a preventive program following the rates and the recommended application techniques as described in the following chart. Carefully read, understand and follow label directions.

VEGETABLES

PCNB 75% Wettable Powder must be applied to the soil as a preventive fungicide for control of the listed diseases which attack the specific vegetable crops. This can be accomplished by applying the product as a soil drench with mechanical incorporation or as an "in furrow" application. Under certain crop use (snap & dry beans), repeated applications may be necessary. Refer to the following Use & Rates chart for specific disease control recommendations on the listed crops.

USE & RATES CHART PCNB 75% WETTABLE POWDER

CROP	DISEASE	POUNDS/ACRE	OUNCE/1000 FEET OF ROW	RECOMMENDED APPLICATION
BROCCOLI BRUSSELS SPROUTS CABBAGE CAULIFLOWER	Clubroot (Plasmiodiophora brassicae)	2 to 6 pounds Apply in 100 gallons of water. Use 1/4 to 1/2 pint of the solution per plant.		Transplant Solution: The specified dosage should be based on the severity of the disease infection. Maintain agitation to hold powder in suspension.
		30 Apply in 25 gallons of water (40 inch row spacings - broccoli, brussels sprouts and cabbage; 48 inch row spacings - cauliflower)	Broccoli, Brussels Sprouts, Cabbage, 36 6 Cauliflower: 44	Band Application: Spray as a 12 to 18 inch band centered on the row and incorporate to a depth of 4 to 6 inches immediately prior to planting.
		40 Apply in 30 gallons of water		Broadcast Application: Apply as a preplant broadcast spray prior to planting. Thoroughly incorporate to a depth of 4 to 6 inches by disc or other suitable equipment.
Note: For effective control of clubroot on broccoli, brussels sprouts, cabbage and cauliflower it is extremely important to thoroughly mix PCNB with the soil.				
	Wire Stem or Black Root (Corticium solani)	15 to 20 Apply in 50 gallons 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.		
		10 to 15 Apply in 35 gallons water (40 inch row spacings - broccoli, brussels sprouts and cabbage; 48 inch row spacings - cauliflower)	Broccoli, Brussels Sprouts, Cabbage 12.2 to 18.3 Cauliflower: 14.6 to 22	Row Drench Treatment: Spray as an 8 inch band centered on the row at the time of or immediately after seeding.

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IC*	White Rot (Sclerotium capivorum)	2 1/2% Apply in 100 gallons water (24 inch row spacings)	20	In Furrow Application: Apply as an in-furrow spray at planting time. Attach a spray rig to the machine 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.
		1 3/4 pints per 1000 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.
ERS TOES*	Southern Blight (Sclerotium rolfsii)	3 to 5 pounds in 100 gallons of water Use 1/2 pint of the solution per plant.		Apply at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper dosage.
		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 Flat Tomatoes 22 Staked Tomatoes 14 8	Apply as an in-furrow spray to the open "V" trench, just prior to planting. When cultivating, set plow as flat as possible to avoid getting untreated soil against stems of plants.
ON	Damping off (Rhizoctonia solani)	1 1/4 to 2% (40 inch row spacings) Apply in at least 15 gals. of water	16 to 34	Apply specked 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.
UTS	Southern stem and root rot (Sclerotium rolfsii)	3 1/2 inch row spacings 13 1/2% Apply in 8 to 10 gallons of water	14 7	PRE-PLANT SOIL MIX: Apply specified dosage as a spray in an 8 to 12 inch band centered on the row and incorporate to a depth of 2 to 4 inches. Application may be made simultaneously with planting using suitable application equipment.
				AT-PEGGING BAND: Apply specified dosage as a spray in a 12 inch band centered on the row so as to cover the crown and tagging zones of the plant. If the row middles are cultivated at the same time, attach two spray nozzles (one to each side) ahead of inside cultivator sweeps. Do not move any untreated soil into the area (if necessary remove inside sweep).
		4 1/2%	4 8	AT CULTIVATION: Apply specified dosage at cultivation. Do not apply more than 3 times per crop season. Attach two spray nozzles per row of inside cultivator sweeps (one on each side) and adjust so as to treat a total band of 12 inches 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 application methods used. Do not apply within 45 days of harvest. Do not feed treated vines to livestock. Do not allow hogging down of peanuts.				
NS	Root and Stem Rot (Rhizoctonia solani)	1 1/2 to 2% Apply in 8 to 10 gallons of water (36 inch row spacing - bush type beans 82 inch row spacing - pole beans)	Bush: 14 to 22 Pole: 25 to 38	Apply as a directed spray in the seed furrow and to the covering soil at planting time.
WS* sp & Dry)	White Mold (Sclerotinia sclerotium)	specing as above 2% Apply in 8 to 10 gallons of water	Bush: 3 Pole: 5 2	Apply as an 8 inch band centered on the row at or immediately after planting. If the disease problem is severe, applications may be repeated at 2 to 3 week intervals using directed spray application with one or two nozzles per row aimed at the soil at the base of the plants. Soil should remain undisturbed after application.

Do not apply after first bloom. Do not exceed 10 lbs. actual PCNB per acre in any one season, regardless of method of application. Do not feed treated vines to livestock.

TATION RESTRICTION: Do not plant root crops in PCNB treated lands within 12 months of broadcast and banding applications unless PCNB is registered for use on those crops.

NOTE: 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 liable for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes risk of any such use.

NET WEIGHT 55 POUNDS

(10-01-62)

AMVAC CHEMICAL CORPORATION • 4100 EAST WASHINGTON BLVD., LOS ANGELES, CA 90023

ACCEPTED
 NOV 10 1962
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, and Executive Order
 12549, 12562, 12563, 12564,
 EPA Reg. No. 5481-277