

MARMAN PCNB 75% WP

WETTABLE POWDER SOIL FUNGICIDE

For Cotton, Peanuts, Beans***, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Garlic*, Peppers and Tomatoes**

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 2 - 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
48273-17

ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB) 75.0%

INERT INGREDIENTS: 25.0%

Total 100.0%

Keep Out of Reach of Children
CAUTION

Precaucion al usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (If you do not understand the label find someone to explain it to you in detail.)

See Back Panel For Additional Precautionary Statements

NET CONTENTS: _____

EPA Reg. No. 48273-RT EPA Est. 48273-FL-1

MARMAN USA, INC.

P.O. Box 22829, Tampa, FL 33622-2829

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PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed. Avoid inhaling dust. May cause skin irritation. Avoid contact with skin. 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 for exposure outdoors, a Dust/Mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) and for exposure in enclosed areas a respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). 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 possible, wash thoroughly and change into clean clothing.

Statement 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 if irritation persists. **If on Skin:** 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.

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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, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 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.

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.

*Not for any use in California on Garlic, Tomatoes or as a postplant application on Snap or Dry Beans for control of white mold (*Sclerotinia sclerotium*).

Do not apply this product through any type of irrigation system.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 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) and restricted-entry interval. The requirements in this box only apply only 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.

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 and shoes plus socks.

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:** 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.

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

GENERAL INFORMATION

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

VEGETABLES

Marman PCNB 75% WP wettable powder must be applied to the soil as a preventative 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 and dry beans) repeated applications may be necessary. Refer to the following *Use and Rates Chart* for specific disease control recommendations on the listed crops.

MARMAN PCNB 75% WETTABLE POWDER

USE AND RATES CHART

CROP	DISEASE	POUNDS/ACRE	OZ./1,000 FT. OF ROW	RECOMMENDED APPLICATION
Broccoli Brussels sprouts Cabbage Cauliflower	Clubroot (<i>Plasmodiophora brassicae</i>)	2 to 6 pounds/acre Apply in 100 gallons of water of this solution per plant.	Use ½ to ¾ pint	Transplant Solution. The specified dosage should be based on the severity of the disease infection. Maintain agitation to hold powder in suspension.
		30 pounds/acre Apply in 25 gallons of water (40 inch row spacing for broccoli, Brussels sprouts and cabbage; 48 inch row spacing for cauliflower.)	Broccoli, Brussels sprouts, Cabbage: 36.6 ounces. Cauliflower: 44 ounces	Band Application. Spray as a 12 to 15 inch band centered on the row and incorporate to a depth of 4 to 6 inches immediately after planting.
		40 pounds/acre 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 using a 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 this product with the soil.				
Wire Stem or Black Root (<i>Corticium solani</i>)		15 to 20 pounds/acre. 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 tablespoonful per gallon of water as a soil drench per 50 sq. ft. of seed bed. Apply with watering can or similar equipment.		
		10 to 15 pounds/acre Apply in 35 gallons water. (40 inch row spacing for broccoli, Brussels sprouts and cabbage; 48 inch row spacing for cauliflower.)	Broccoli, Brussels sprouts, Cabbage: 12.2 to 18.3 oz. Cauliflower: 14.6 to 22 oz.	Row Drench Treatment. Spray as an 8 inch band centered on the row at the time of or immediately after seeding.
Garlic* *Not for use on Garlic in California	White Rot (<i>Sclerotium capavorum</i>)	27½ pounds/acre. Apply in 100 gallons of water (24 inch row spacing)	20 ounces	In Furrow Application: Apply as an in-furrow spray at planting time. Attach a spray rig to the machine planter and spray 8 to 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.
		13½ pounds/1,000 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.
Peppers, Tomatoes** **Not for use on Tomatoes in California	Southern Blight (<i>Sclerotium rolfsii</i>)	3 to 5 pounds in 100 gallons of water. Use ½ pint of this solution/plant.		Apply at the time of transplanting. The solution should be agitated often to maintain a uniform suspension and assure proper dosage.
		10 pounds/acre Apply in 100 gallons of water. (30 inch row spacing for peppers; 72 inch row spacing for flat tomatoes; 48 inch row spacing for staked tomatoes.)	Peppers: 11 oz. Flat Tomatoes: 22 ounces Staked Tomatoes: 14.6 ounces	Apply as an in-furrow spray to the open "V" trench, just prior to planting. When cultivating, set plows as flat as possible to avoid getting untreated soil against stems of plants.
Cotton	Damping Off (<i>Rhizoctonia solani</i>)	1-1/3 to 2-3/4 pounds/acre (40 inch spacings). Apply at least 15 gals. of water.	1.6 to 3.4 oz.	Apply specified dosage as 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.
Peanuts	Southern stem and root rot (<i>Sclerotium rolfsii</i>)	36 inch row spacing. 13-1/3 pounds/acre. Apply in 8 to 10 gallons of water.	14.7 ounces	PRE-PLANT SOIL MIX: Apply specified dosage as a spray in an 8 to 12 inch band centered on the row and incorporated 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 pegging 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).
		4-1/3 pounds/acre	4.8 ounces	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.				
Beans	Root and Stem Rot (<i>Rhizoctonia solani</i>)	1-1/3 to 2 pounds/acre Apply in 8 to 10 gallons of water. (36 inch row spacing for bush type beans; 62 inch row spacing for pole beans)	Bush Beans: 1.4 to 2.2 oz. Pole Beans: 2.5 to 3.8 oz.	Apply as directed spray in the seed furrow and to the covering soil at planting time.
Beans*** (Snap and Dry) ***Not for use in California on Snap or Dry Beans for control of White Mold.	White Mold (<i>Sclerotinia sclerotium</i>)	Row spacings same as above 2-3/4 pounds/acre. Apply in 8 to 10 gallons of water.	Bush Beans: 3 oz. Pole Beans: 5.2 oz.	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.

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

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following LIMITED WARRANTY:

Marman warrants that (a) this product conforms to the chemical description on its label; (b) 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 (c) that the directions, warnings, cautions and other statements on this label area based upon responsible experts' 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. Marman neither makes nor intends, nor does it authorize any agent or representative to make any other warranty, express or implied. Marman 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 Marman'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 otherwise shall be limited, at Marman'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 Marman or Seller be liable for special, indirect or consequential damages resulting from the use or handling of this product.

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