

Code

Net Weight
Lbs.

Captan 50-W

Fungicide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-3019

EPA Est. 259

Active Ingredient	By Wt
*Captan	50
Inert Ingredients	50
	100

*N (Inert) 0.001, 0.001, 4.0, 0.001, 0.001, 0.001, 0.001

KEEP OUT OF REACH OF CHILDREN

DANGER

Statement of Practical Treatment

If in eyes—Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

If swallowed—Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

If inhaled—Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

If on skin—Wash skin with soap and water.

For Emergency Assistance Call 716-735-3765

See Other Panels for Additional Precautionary Information



FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PA 7 80

PRECAUTIONARY STATEMENTS

Hazards to Humans (& Domestic Animals)

Danger

This fungicide is highly toxic to humans and domestic animals. It is a skin irritant and may cause severe allergic reactions. It is also a respiratory irritant and may cause severe asthma attacks. It is highly toxic to fish and aquatic life.

Environmental Hazards

This fungicide is highly toxic to fish and aquatic life. It is also a skin irritant and may cause severe allergic reactions. It is a respiratory irritant and may cause severe asthma attacks. It is highly toxic to birds and mammals.

DIRECTIONS FOR USE

This is a contact fungicide. Use this product in a manner consistent with its labeling.

Storage and Disposal

This fungicide should be stored in a cool, dry place. It should be stored in its original container. Do not store in plastic bags or other containers. Do not store in areas where children or pets can access. Dispose of containers in a safe place away from water supplies. Dispose of containers in a safe place away from water supplies. Dispose of containers in a safe place away from water supplies.

Captan 50-W is a contact fungicide. It is used to control certain fungus diseases of fruit, vegetables and ornamental crops. It is also used as a soil treatment for the control of certain seed rots and damping-off diseases.

OBSERVE THE FOLLOWING USE PRECAUTIONS

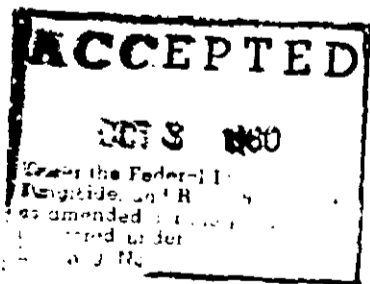
Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

In order that pesticide residues in food and forage crops will not exceed federal tolerances, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to adjoining food, fiber or pasture crops.

Consult State Agricultural Experiment Stations or State Agricultural Extension Service for additional information, as the timing of applications needed will vary with local conditions.

COMPATIBILITY AND PLANT SAFETY

Captan 50-W can be combined safely and effectively at recommended dosage rates with most commonly used fungicides and insecticides with the exception of oil and strongly alkaline materials. Alkaline



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Apply when green buds appear. Use 10 to 15 pounds per acre. Apply a second spray when buds are open. Use 10 to 15 pounds.

Mangoes: Cercospora leaf spot. Use 10 to 15 pounds per acre at first sign of disease. Repeat at weekly intervals to maintain control. (20 pounds)

Peaches, Neclaries: Brown rot, scab, and leaf spot. Use 10 to 15 pounds per acre in preharvest sprays. Applications at 7 to 14 day intervals may be necessary during bloom. In the absence of blight. Repeat application at 7 to 14 day intervals. Continue to maintain cover through harvest if conditions favor brown rot. If powdery mildew is a problem, add 1/2 pound sulfur to the petal fall and early cover sprays. If sulfur is added, Captan may be reduced to 1 pound in these sprays. Continue to apply at petal fall and cover periods as necessary and as a post harvest spray, if before leaves drop. (10 pounds) **Peaches (Nursery Stock) (California):** Preventive preplant dip treatment for crown gall. Use 4 pounds Captan 50-WP plus 3.2 pints diluted sodium hypochlorite (5.25% household bleach) per 100 gallons water. Wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation as necessary to maintain a proper concentration of 20 ppm chlorine. Check the concentration frequently using a chlorine test kit.

Pears (Eastern U.S.): Scab. Use 2 pounds in preblossom, petal fall and cover sprays. Repeat cover application at 7 to 14 day intervals under severe scab conditions. Russeting may be reduced on Bosc Pears. Do not use on D'Anjou Pears. (16 pounds)

Pears (Western U.S.—except Pacific Northwest): Pear scab. Use 2 pounds. Apply during early finger stage, petal fall and first cover sprays. Under severe scab infection conditions, additional treatments may be necessary. Russeting may be reduced on Bosc Pears. Do not use on D'Anjou Pears. (16 pounds)

Pineapples: Heart rot (phytophthora parasitica). Use 10 pounds. Dip slips into solution just prior to planting. Root rot (phytophthora cactorum). Use 4 pounds. Spray immediately after planting. Repeat at 2 week intervals. **Post Harvest Dip:** Storage and transit rots. Use 10 pounds. Dip or wash harvested fruit.

Plums, Prunes (Eastern U.S.): Brown rot. Use 2 pounds in full pink bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain cover. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. (10 pounds)

Plums, Prunes (Western U.S.): Brown rot. Use 2 pounds. Apply at green bud, popcorn bloom and petal fall stages. Repeat in cover sprays as conditions warrant. Prune russet scab (lacy scab) (In California)—Apply 2 pounds per 100 gallons water (pounds per acre). Apply at full bloom. (10 pounds)

Quince: Brown rot, scab. Use 2 pounds. Begin when disease threatens. Repeat at 7 to 10 day intervals. Do not apply within 7 days of harvest. (10 pounds)

Strawberries: Botrytis (gray mold), leaf spot. Apply 4 to 6 pounds per acre in sufficient water for thorough coverage. Begin applications when new growth starts in the spring and before fruit starts to form. Repeat at weekly intervals. Under conditions favorable to fruit rot, continue applications through harvest period, treating immediately after each picking. (8 pounds)

VEGETABLE CROPS

Asparagus (Preplanting Root Dip): Botrytis, root rots, phoma rot, penicillium rot, fusarium—Use 3 pounds per 100 gallons water (4 tablespoonfuls per gallon). Dip root sections for 2 minutes, drain and plant.

Beans, Peas (Beans Only): Anthracnose, blight, root rot. Use 10 to 15 pounds per acre at first sign of disease. Repeat at weekly intervals to maintain control.

Cantaloupes, Cucumbers, Pumpkins, Summer and Winter Squash, Honeydew Melons, Watermelons: Anthracnose, leaf spot, mildew. Use 4 pounds per acre in sufficient water for thorough coverage. Begin applications at first signs of infection and repeat at 5 to 7 day intervals as needed to maintain control. (12 pounds)

Carrots: Anthracnose, leaf spot. Use 10 to 15 pounds per acre in sufficient water for thorough coverage. Apply at first signs of infection and repeat at 7 to 10 day intervals.

Celery: Anthracnose, leaf spot. Use 10 to 15 pounds per acre in sufficient water for thorough coverage. Apply at first signs of infection and repeat at 7 to 10 day intervals. (12 pounds)

Eggplant: Anthracnose, leaf spot, blight, root rot. Use 10 to 15 pounds per acre in sufficient water for thorough coverage. Begin when seeds have germinated. Repeat at 10 day intervals as needed to maintain control. (12 pounds in plant beds before transplanting)

Onions (Green) (California): Blight, mildew. Use 3 pounds per acre in 5 to 20 gallons water per acre broadcast or 100 gallons water per acre in furrow application. Apply at first signs of infection and repeat at 7 to 10 day intervals as needed to maintain disease control. (3 pounds)

Onions (Green and Bulb): Blight, mildew, purple blotch. Use 2 pounds. Apply at first signs of infection and repeat at 7 to 10 day intervals. (10 pounds)

Peppers, Pimentos: Anthracnose, downy mildew, leaf spot and stem rot. Use 3 pounds. Apply at 3 to 7 day intervals throughout the growing season. (6 pounds) Damping-off. Use 2 pounds. Plant bed treatment. Begin when seeds have germinated. Repeat at 10 day intervals. (12 pounds)

Tomatoes: Anthracnose, gray leaf spot, septoria leaf spot. Use 4 to 6 pounds per acre in sufficient water for thorough coverage. Under severe infection, add 1/2 pound sulfur per acre in sufficient water for thorough coverage. Apply at first signs of infection and repeat at 7 to 10 day intervals as needed to maintain control. (10 pounds)

SPECIAL USES

Preplanting Soil Treatment: For control of damping-off and root rots for the crops listed below, apply spray broadcast to soil surface as a preplanting application and cultivate into upper 3 to 4 inches of soil. Or apply to furrow over the seed when specified. (14,500 linear feet of row equals 1 acre). Close and pack the furrow in usual manner. Apply dosage rate in sufficient water for thorough soil coverage unless otherwise specified.

Beans, Peas: Use 10 to 12 pounds broadcast or 5 to 6 pounds in furrow. (12 pounds)

Beets: Use 2 pounds per 100 gallons water, 15 gallons spray per 1,000 square feet. (13 pounds)

Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard, Rutabagas, Turnips: Damping-off only—Use 10 pounds broadcast. (28 pounds)

Cantaloupes, Cucumbers, Honeydew Melons, Pumpkins, Squash (Summer and Winter), Watermelons: Use 2 pounds per 100 gallons water, 100 gallons spray per acre broadcast. (12 pounds)

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Spinach (Direct seeded): Use 5 to 7 pounds in 30 gallons water in furrow (2 pounds)

Post Harvest Dip: For control of various molds and storage rot (Botrytis, Geosporium, Rhizopus). Use as a post harvest dip or wash on the following fruits and vegetables: Apples, Apricots, Cantaloupes, Cherries, Cucumbers, Grapefruit, Lemons, Limes, Mangoes, Nectarines, Onions (Green and Bulb), Oranges, Peaches, Pears, Potatoes, Tangelos, Tangerines. Use 2 1/2 pounds. Apply as a spray or in dip tank. When used as a dip, recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1 pound for each 25 gallon added. Attend to every 8 hour shift, empty tank, flush and charge with fresh solution. Do not allow dip tank solution to stand overnight. Mix thoroughly as a final operation. Caution: Do not feed Mango, citrus by products to dairy animals or animals being finished for slaughter.

ORNAMENTALS

Azaleas: Damping-off of cuttings. Use 4 pounds. Dip cuttings before bedding. Petal blight. Use 2 pounds. Apply to soil area around plants and spray flowers just before bloom. Repeat at 7 to 14 day intervals through bloom.

Begonias (Tuberous): Damping-off, tuber rot. Use 4 pounds. Dip tubers 30 minutes, drain and plant.

Camellias: Petal blight. Use 1 pound. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

Carnations: Alternaria leaf spot, rust. Use 2 pounds. Begin at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews. Damping-off of cuttings. Use 4 pounds. Dip cuttings before bedding.

Chrysanthemum: Botrytis flower blight, Septoria leaf spot. Use 2 pounds. Apply at first sign of disease. Repeat at 7 to 10 day intervals. Damping-off of cuttings. Use 4 pounds. Dip cuttings before bedding.

Dichondra (California Only): White mold (Sclerotium rot). Use 2 pounds. Apply 1 gallon spray per 10 square feet. Make 2 to 3 applications at 7 day intervals.

Gleditsia (Corms): Corm rot and decay, damping-off. Use 1 to 1 1/2 pounds per 10 gallons. Dip corms 20 to 30 minutes. Drain and plant.

Grasses (Ornamental in Non-Pastured Areas Only): Leaf spot, damping-off, brown patch, melting out, seedling blights, and brown spot on St. Augustine grass. Use 1 1/2 pounds. Apply 10 gallons spray per 1,000 square feet. Begin when growth starts in spring. Repeat at 7 to 14 day intervals throughout season. Do not graze treated areas or feed clippings to livestock.

Grasses (Lawn Seedbeds): Damping-off and other soil borne diseases. Use 1 to 1 1/2 pound per 1,000 square feet or 2 pounds in 100 gallons water using 15 gallons spray per 1,000 square feet. Cultivate into upper 3 to 4 inches before planting.

Roses: Black spot, Botrytis blossom blight. Use 2 pounds. Begin at first growth or first sign of disease. Repeat at 7 to 14 day intervals, and more frequently during frequent rains and heavy dews.

Soil and Greenhouse Bench Treatment: Preplanting for damping-off and root rot diseases on seedlings or transplants of roses (and other shrubs, trees, flowers). Lawn seedbeds, vegetables (such as beans, celery, crucifers, eggplant, peas, peppers, tomatoes). Use 2 pounds per 100 gallons water at rate of 15 gallons per 1,000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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