

Captan 50-W is a microfine wettable powder for use in water as a spray for the control of certain fungus diseases of fruit, vegetables, and ornamental crops, and as a soil treatment for the control of certain seed rots and damping-off diseases. Spray injury may result if Captan is used with, immediately before, or closely following an oil spray.

DIRECTIONS FOR USE

Pour recommended amount of this material on surface of water in nearly filled spray tank or pre-mix in a bucket half filled with water and pour mixture through screen into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

Consult State Agricultural Extension Service authorities for specific information as the timing, number and rate of applications needed will vary with local conditions.

WHEN MIXING SMALLER AMOUNTS, USE THE FOLLOWING RATIO:

If directions read: 2 lbs./100 gallons, mix 8 teaspoonfuls per 1 gallon
3 lbs./100 gallons, mix 4 tablespoonfuls per 1 gallon
4 lbs./100 gallons, mix 5 tablespoonfuls per 1 gallon

RECOMMENDATIONS

The dosage rates on this label indicate pounds of Captan 50-W per 100 gallons of dilute spray unless otherwise stated.

APPLES (preharvest) — bitter rot, black rot, frog-eye leaf spot, black pox, botryosphaeria (white rot): 2 lbs./100 gallons. Apply in late cover and preharvest periods. Botrytis rot, bullseye rot: 2 lbs./100 gallons. Apply in first and second cover sprays and in 1 or 2 preharvest sprays or as needed at 5 to 7-day intervals from prebloom through early cover periods. Brooks fruit spot, flyspeck: 0.5 to 2 lbs./100 gallons. Apply in cover periods. Scab: For primary infection use 1.5 to 2 lbs./100 gallons. Apply in prebloom, blossom, petal fall, and first cover periods. For secondary infection use 0.5 lb./100 gallons. Apply in cover periods. Sooty blotch: 2 lbs./100 gallons. Apply in cover periods. Note: Red Delicious and other sensitive varieties may be injured by early season applications.

CHERRY — brown rot, leaf spot: 2 lbs./100 gallons. Apply in the full pink, bloom, petal-fall, shuck, cover and pre-harvest sprays. Applications at 3 to 4-day intervals may be necessary during bloom to control blossom blight. Repeat applications at 7 to 10-day intervals as needed to maintain cover up to start of harvest. Post harvest sprays — Use 2 lbs./100 gallons immediately after harvest for leaf spot. Repeat application in 10 to 14-days.

GRAPE — downy mildew, black rot: Use 2 lbs./100 gallons just before bloom, just after bloom and 7 to 10-days after bloom. Make an additional application 2 to 3-weeks later for downy mildew. dead arm: (current season infections) Use 4 lbs./100 gallons diluted spray. Apply 50 gallons per acre when shoots are 1 to 2 inches long. Repeat application when shoots are 4 to 6 inches long.

PEACH — (preharvest) brown rot, rhizopus, scab: 2 lbs./100 gallons. Apply in pink, full bloom, shuck shed, cover, and preharvest periods. Brown rot (blossom blight): 2 lbs./100 gallons. Apply at 3 to 4-day intervals during bloom. Corynaum blight: 2 lbs./100 gallons. Apply in pink bud, full bloom, petal fall, and cover periods as necessary and as a fall foliage spray.

PEAR (preharvest) — fruit spot, scab (primary infection): 2 lbs./100 gallons. Apply in pink, petal fall, and first two cover periods. Scab (secondary infection): 2 lbs./100 gallons. Apply in cover periods. Notes: Do not use on D'Anjou pears. Russetting may be produced on Bosc pears.

PLUMS, PRUNES — brown rot: 2 lbs./100 gallons. Apply at red bud, 75 percent bloom, petal fall, and in cover sprays as necessary. Russet or lacy scab: 2 lbs./100 gallons using 400 gallons/acre. Apply at full bloom.

RASPBERRIES — anthracnose, botrytis, spur blight: 2 lbs./100 gallons. Apply at bloom or when new shoots are 8 to 10 inches long. Repeat 2 weeks later. Apply fall spray after canes are removed. Fruit Rot: 2 lbs./100 gallons. Apply 3 to 5 days before harvest starts. Repeat at midharvest and 8 to 10 days later.

STRAWBERRIES — botrytis rot (gray mold) leaf spots: 3 lbs./100 gallons, using 200 gallons per acre. Begin at new growth. Repeat at 7-day intervals through picking and after harvest.

VEGETABLE CROP USES

ASPARAGUS — botrytis, root rots, phoma rot, penicillium rot, fusarium: 3 lbs./100 gallons. Preplanting root dip for 1 minute, drain, plant. For smaller amounts mix 4 tablespoonsful per gallon.

CANTALOUPE, CUCUMBER, PUMPKIN, SUMMER and WINTER SQUASH, WATER-MELON — angular leaf spot, anthracnose, downy mildew: Use 4 lbs. per acre in sufficient water for thorough coverage. Begin applications at first signs of infection and repeat at 5 to 7-day intervals or as needed to maintain control.

POTATOES (preharvest) — early and late blights: 4 lbs./100 gallons. Begin when plants are 2 to 4 inches high. Repeat at 5 to 7-day intervals throughout season.

POTATO STORAGE ROT CONTROL. Dip washed and rinsed potatoes prior to storage in a slurry of 2 lbs. per 100 gallons of water. Dry and store.

POTATO (SEED-PIECE TREATMENT) — seed rot, damping-off: Use 2 to 3 lbs. per 100 gallons water. Dip seed pieces in the solution before planting. Cut pieces should be treated within 6 hours of cutting. If planting is to be delayed more than 1 to 2 days, treated pieces should be stored for 2 days in open crates to allow air drying before bagging.

TOMATO: — anthracnose, early and late blight, gray leaf spot, septoria leaf spot: Use 4 to 6 lbs. per acre in sufficient water for thorough coverage. Under infection conditions use 6 to 8 lbs. per acre in sufficient water for thorough coverage. Apply at first signs of infection and repeat at 5 to 7-day intervals or as needed to maintain control.

PACKING BOXES (for fruits and vegetables) — reduction of storage rots, molds due to Rhizopus, Botrytis, Cloosporium: 2 lbs./100 gallons. Spray or dip boxes prior to packing. If applied as a dip, keep solution agitated continuously. Change dip tank solution after each 8-hour shift.

SOIL AND GREENHOUSE BENCH PREPLANTING TREATMENT (ornamentals and vegetables) — damping-off, root rots, (on seedlings and transplants): 0.2 to 0.4 lb. as a dust/1000 square feet (10 to 12 lbs./acre). Work into upper 3 to 4 inches of soil before planting.

AZALEAS, CARNATIONS, CHRYSANTHEMUM — damping-off of cuttings: 4 lbs./100 gallons. Dip cuttings before bedding.

CARNATIONS — alternaria leaf spot, rust; **CHRYSANTHEMUM** — Botrytis flower blight, septoria leaf spot; **ROSES** — black spot, botrytis blossom blight: 2 lbs./100 gallons. Begin at first growth or first sign of disease. Repeat at 7 to 10-day intervals; and more frequently during frequent rains and heavy dews.

GRASSES (ornamental in nonpastured areas only) — leaf spot, damping-off, gray patch, copper spot, melting out, seedling blights, and brown spot on St. Augustine grass: 2 lbs./100 gallons applying 10 gallons per 1,000 square feet. (For smaller amounts, mix 8 teaspoonfuls per gallon of water and apply 1 gallon per 100 sq. feet of turf.) Begin when growth starts in spring. Repeat at 7 to 14-day intervals throughout season. **Limit**: Do not graze treated areas. Do not feed clippings to livestock.

SEED TREATMENT

BEANS, CABBAGE, CORN, MELONS, PEAS, SQUASH (seed rot, damping-off): 1/2 to 1 teaspoonful per pound of dry seed. **BEETS, CHARD, SPINACH, GRASS (Seed rot, damping-off)**: 1 1/2 to 2 teaspoonfuls per pound of dry seed. Mix thoroughly in paper bag or glass jar.

NOTICE: Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

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ABLE CROP USES

Phoma rot, penicillium rot, fusarium: 3 lbs./1 minute, drain, plant. For smaller amounts

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late blights: 4 lbs./100 gallons. Begin when at 5 to 7-day intervals throughout season. Dip washed and rinsed potatoes prior to gallons of water Dry and store.

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vegetables) — reduction of storage rots, molds 2 lbs./100 gallons. Spray or dip boxes Keep solution agitated continuously. Change shift.

REPLANTING TREATMENT (ornamentals and (on seedlings and transplants): 0.2 to 0.4 lb. to 12 lbs./acre). Work into upper 3 to 4

CHRYSANthemum — damping-off of cuttings: 4 lbs. adding.

rust: CHRYSANthemum — Betrytis flower black spot, betrytis blossom blight: 2 lbs./first sign of disease. Repeat at 7 to 10-day frequent rains and heavy dews.

red areas only) — leaf spot, damping-off, cut, seedling blights, and brown spot on St. applying 10 gallons per 1,000 square feet. handfuls per gallon of water and apply 1 gallon in growth starts in spring. Repeat at 7 to 14-nit: Do not graze treated areas. Do not feed

TREATMENT

PEAS, SQUASH (seed rot, damping-off): dry seed. BEETS, CHARD, SPINACH, GRASS teaspoonfuls per pound of dry seed. Mix

limited to the terms of the label, and subject to persons or property arising out of use or in these conditions.

10034A-MBEP00

CAPTAN 50-W

A FUNGICIDE FOR PLANT DISEASE CONTROL

ACTIVE INGREDIENT:

Captan (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide) 50%

INERT INGREDIENTS: 50%

Total 100%

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

Avoid inhaling dust. Wear respirator. Avoid contact with skin. Wash with soap and water after handling. Do not contaminate feed, foodstuffs, or water.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes.

Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place, away from water supplies.

PROTECT FROM EXCESSIVE HEAT - STORE IN A COOL, DRY PLACE

NET CONTENTS 1 POUND

Manufactured by:

ECONOMY PRODUCTS COMPANY, INC.

SHENANDOAH, IOWA 51601

ACCEPTED
Jul 12 1972
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 3770-140