

ACCEPTED
 SEP 22 1983
 Under the Federal Insecticide, Fungicide, and Rodenticide Act
 registered under
 EPA Reg. No. 400 157

UNIROYAL Captan 50W

FUNGICIDE



**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS
 AND DOMESTIC ANIMALS**
CAUTION
 Avoid inhaling dust. Wear respirator. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. WASH HANDS AND FACE THOROUGHLY WITH SOAP AND WATER AFTER USE, AND BEFORE EATING OR SMOKING.
ENVIRONMENTAL HAZARDS
 This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.
PHYSICAL or CHEMICAL HAZARDS
 Do not use or store near heat or open flame.

DIRECTIONS FOR USE
 It is a violation of Federal law to use this product in a manner inconsistent with its labeling

STORAGE AND DISPOSAL
 Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in a dry location
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:
Bags: 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.
Fiber Drum: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

COMPOSITION

Active Ingredients (by weight)	
Captan (N-Trichloromethylthio-4-cyclonexene-1,2 dicarboximide)	50.0%
Inert Ingredients	50.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION
STATEMENT OF PRACTICAL TREATMENT
 IF SWALLOWED: Induce vomiting and see a physician.
 IF INHALED: See a physician if an abnormal reaction occurs.
 IF ON SKIN: Wash thoroughly with soap and water.
 IF IN EYES: Immediately flush eyes with plenty of water. See a physician.
 SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

Mfg. by UNIROYAL CHEMICAL -- Division of UNIROYAL, Inc.
 Naugatuck, Connecticut 06770
 EPA REG NO. 400 157
 EPA EST. NO.
 Copyright 1983, Uniroyal, Inc.

Lot No 8-23-83

NET WEIGHT



REENTRY STATEMENT
(For Fruit Crop and Vegetable Crop Uses)

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

"CAUTION" "Area to be treated with captan on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid recommendations."

DIRECTIONS FOR USE

MIXING INSTRUCTIONS

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.

COMPATIBILITY

Captan 50-W can be used at recommended dosages in accordance with spray schedules or recommendations by State or Experiment Station personnel. Do not combine with oil and strongly alkaline materials such as Hydrated Lime, which reduces the fungicidal activity. Do not use this product in combination with, immediately before or closely following an oil spray or with solvent formulations of Parathion products.

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.

USE RECOMMENDATIONS

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

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

FRUIT CROP USES

APPLES — *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. *Bitter rot, black rot, frog-eye leaf spot, black pox, botryosphera (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. *Sooty blotch* 2 lbs./100 gallons. Apply in cover periods. Captan 50-W should not be used in combination with or closely following or in alternation with wettable sulfur products on sulfur-sensitive varieties of apples such as Red Delicious, Stayman, Baldwin, King, etc., as severe foliage injury and defoliation may occur. 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 fall, pink, bloom, petal fall, shuck cover and preharvest 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 applications in 7 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 infection) use 4 lbs./100 gallons of 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, rot rot, scab* 2 lbs./100 gallons. Apply in pink, fall bloom, shuck shed, cover and preharvest periods. *Brown rot blossom blight* 2 lbs./100 gallons. Apply at 3 to 4 day intervals during bloom. *Cory-eum blight* 2 lbs./100 gallons. Apply in pink, bud fall, petal fall and cover periods as necessary and as a fall foliage spray.

PEAR — (preharvest) *fruit spot, scab* (primary infections) 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 tablespoonful per gallon.

CANTALOUPE, CUCUMBER, PUMPKIN, SUMMER and WINTER SQUASH, WATERMELON — *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 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 banding.

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.

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.

OTHER USES

PACKING BOXES (for fruits and vegetables) — *reduction of storage rots, molds due to Rhizopus, Botrytis, Gloeosporium*: 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 banding.

CARNATION — *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, brown patch, copper spot, melting-out, seedling blights and brown spot on St. Augustine grass*: 2 lbs / 100 gallons applying 10 gallons per 1000 square feet. (For smaller amounts, mix 8 teaspoonful 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) — *damping-off*: 1 to 1 1/2 teaspoonful per pound of dry seed.

BEETS, CHARD, SPINACH, GRASS (seed) — *damping-off*: 1 to 2 teaspoonful per pound of dry seed. Mix thoroughly in paper bag or a similar container.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes set forth on the label when used in accordance with the directions and restrictions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.