

Hi-Yield[®]



Captan 50W Fungicide



Controls Plant Disease

**Black Rot, Botryis Rot,
Brown Rot, Scab,
& Leaf Spot**

ACTIVE INGREDIENTS:

Captan* 48.9%
Related derivatives 1.1%

OTHER INGREDIENTS: 50.0%

TOTAL: 100.0%

*N-Trichloromethylthio-4-cyclohexene-1,
2-dicarboximide

**KEEP OUT OF REACH
OF CHILDREN
WARNING**
See Side Panel for First Aid

WARRANTY – CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable laws, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable laws, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

NET CONTENT 12 OZS.

MANUFACTURED BY:



Voluntary
Purchasing
Groups, Inc.

230 FM 87
BONHAM, TX 75418
www.hi-yield.com



EPA Reg. No. 19713-235-7401 • EPA Est. No. 7401-TX-1

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15M-10-59

FIRST AID

If In Eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If Swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious or convulsing person.
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
If On Skin Or Clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), long-sleeved shirt, long pants, shoes, and socks. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

The following PPE are recommended to be worn when handling this product: Goggles or face shield, chemical-resistant gloves when using indoors or outdoors, long pants and long-sleeved shirt. Remove contaminated clothing and launder separately before re-use. Wash non-disposable gloves thoroughly with soap and water before removing.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not allow this product to drift. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

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

COMPATIBILITY AND PLANT SAFETY

This product 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 materials such as spray lime, lime-sulfur and bordeaux mixture will reduce the fungicidal activity of this product. Do not apply captan in combination with, immediately before or closely following oil sprays. **Do not allow oil sprays on adjacent areas to drift onto plants which have been or will shortly be treated with captan.** The time factor governing the safe interval between captan and oil sprays varies due to general climatic conditions, therefore, consult local agricultural spray programs and authorities to determine the proper timing. The use of spreaders which cause excessive wetting is not advised. Combinations with solvent formulations of organic phosphates should not be used. Combinations of captan and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drenching sprays, captan may cause necrotic spotting of tender, immature leaves of certain varieties of Apples, Cherries, Peaches and Plums. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use captan and other spray materials at lowest recommended rates and avoid drenching trees.

APPLICATION INFORMATION

Pour recommended amount of this material into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read "COMPATIBILITY AND PLANT SAFETY" section above.)

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

Note: There are 5 level tablespoons or 15 level teaspoons per ounce of this product.

GENERAL USE PRECAUTIONS

Do not apply this product to seeds or seed products. Apply sufficient spray volume to provide thorough, even coverage. Do not apply this product through any type of irrigation system. Except as specified, begin applications before or at first sign of disease and repeat as needed to maintain control, but observe use limitations. Unless otherwise specified, application can be made on the day of harvest. Apply the high rate and/or spray at shorter intervals when climatic conditions most favor disease(s). Apply the low rate and/or spray at longer intervals when climatic conditions least favor disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions. **IMPORTANT:** Read label carefully. Although most of the directions on this label may be followed nationwide, a few are limited to either the Eastern or Western U.S. Follow those directions for your growing area where specified.

ENTRY RESTRICTIONS

Do not allow people or pets to enter treated area until sprays have dried.

FRUIT AND NUT CROPS

Crop	Disease(s)	Rate: Level Tablespoon(s) per 1 Gallon of Water
Apples (Eastern U.S.)	Black rot (Frogeye), Botrytis blossom end rot, Primary scab	1.5
	SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts for medium-size trees and 1 to 3 gallons for large/mature trees. Apply at 10- to 14-day intervals as needed to maintain control in prebloom, bloom, petal fall and first cover sprays. For Frogeye leaf spot also apply during the prebloom and bloom periods on a 10- to 14-day schedule.	
	Bitter rot, Black pox, Black rot, Botryosphaeria rot, Brooks fruit spot, Fly speck, Secondary scab, Sooty blotch	1 to 1.5
SPECIFIC DIRECTIONS: Apply at 10- to 14-day intervals in second and later cover sprays.		
Note: May be applied up to day of harvest. Do not use this product in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of Apples such as Baldwin, King, Red Delicious, Staymen, etc., as severe injury and defoliation may occur.		
Blueberries (Western U.S.)	Berry rot, Botrytis gray mold, Mummy berry	1 to 2
	SPECIFIC DIRECTIONS: Begin at mid-bloom, repeat at 7- to 10-day intervals until maturity. May be applied up to day of harvest.	
Cherries (Eastern U.S.)	Botrytis rot, Brown rot, Leaf spot	1.5
	SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts for medium-size trees and 1 to 3 gallons for large/mature trees. Apply in prebloom, 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 application at 7- to 20-day intervals as needed to maintain control up to start of harvest. Postharvest sprays: Leaf spot – Use 1.5 level tablespoons per 1 gallon of water. Apply immediately after harvest and repeat application in 10 to 14 days. May be applied up to day of harvest.	
	SPECIFIC DIRECTIONS: Apply sufficient spray volume to provide thorough, even coverage when shoots are one-half to 1.5 inches long; when shoots are 3 to 5 inches long and when shoots are 9 to 12 inches long. Repeat just before bloom, immediately after bloom and continue at 10- to 14-day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible Grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible Grape varieties and during periods of weather highly favorable for disease development. May be applied up to day of harvest.	
Grapes (Except CA)	Downy mildew, Leaf spot, Phomopsis, Cane suppression of Black rot	1 to 1.5
	SPECIFIC DIRECTIONS: Apply sufficient spray volume to provide thorough, even coverage when shoots are one-half to 1.5 inches long; when shoots are 3 to 5 inches long and when shoots are 9 to 12 inches long. Repeat just before bloom, immediately after bloom and continue at 10- to 14-day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible Grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible Grape varieties and during periods of weather highly favorable for disease development. May be applied up to day of harvest.	
Peaches	Brown rot, Scab	1 to 1.5
	SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts for medium-size trees and 1 to 3 gallons for large/mature trees. Apply in full pink, bloom, petal fall, shuck stages, and in cover and preharvest sprays. When conditions are favorable, make applications at 3- to 4-day intervals during bloom to control Blossom blight. Repeat application at 7- to 14-day intervals as needed to maintain control. Continue applications through harvest if conditions favor Brown rot.	
	Coryneum blight (Peach blight, Shothole)	1.5
SPECIFIC DIRECTIONS: Apply in pink bud, full bloom, petal fall, and cover sprays as necessary and as a postharvest spray (before leaves drop). Preharvest spray may be applied up to day of harvest.		
Plums, Fresh Prunes (Eastern U.S.)	Brown rot	1.5
	SPECIFIC DIRECTIONS: Spray 1 to 2 pints for small/dwarf trees, 1 to 2 quarts for medium-size trees and 1 to 3 gallons for large/mature trees. Apply in full pink, bloom, petal fall sprays. Repeat applications at 7- to 14-day intervals as needed to maintain control. Continue applications through harvest if conditions favor Brown rot. May be applied up to day of harvest.	
Strawberries	Botrytis (Gray mold), Leaf spot	4 to 8
	SPECIFIC DIRECTIONS: Apply sufficient spray volume to provide thorough, even coverage. Begin applications when new growth starts in the Spring and before fruit starts to form. Repeat at 7- to 14-day intervals. Under conditions favorable to Fruit rot, continue applications through harvest period, treating immediately after each picking. May be applied up to day of harvest.	

ORNAMENTALS

USE PRECAUTIONS: Do not apply to Lawns. Do not apply to Ornamental plants below/beyond the point of drip from the leaf surface. When applying as a drench, apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot area.

Crop	Disease(s)	Rate per Gallon of Water
Azaleas	Damping-off of cuttings	3 tbsps.
	SPECIFIC DIRECTIONS: Dip cuttings before bedding.	
	Petal blight	1.5 tbsps.
SPECIFIC DIRECTIONS: Apply to soil area around plants and spray flowers just before bloom. Repeat at 7- to 14-day intervals through bloom.		
Camellias	Petal blight	1 tbsp.
	SPECIFIC DIRECTIONS: Apply to drench soil around plants beginning when flowers start to open. Repeat at 7- to 10-day intervals through bloom.	
Chrysanthemums	Botrytis flower blight, Septoria leaf spot	2 tbsps.
	SPECIFIC DIRECTIONS: Apply at first sign of disease. Repeat at 7- to 10-day intervals.	
	Damping-off of cuttings	3 tbsps.
SPECIFIC DIRECTIONS: Dip cuttings before bedding.		
Roses	Black spot, Botrytis blossom blight	2 tbsps.
	SPECIFIC DIRECTIONS: 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.	

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal and cleaning of equipment.

PESTICIDE STORAGE: Keep pesticide in original container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

PESTICIDE DISPOSAL: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. If empty, place in trash or offer for recycling if available. If partially filled, call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.