

# BONIDE

APR 17 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 4-131

## CAPTAN-50% WP

### A FUNGICIDE FOR PLANT DISEASE CONTROL

FOR CERTAIN FUNGUS DISEASES OF FRUITS, VEGETABLES AND ORNAMENTALS

EPA Est. 4-NY-1 EPA Reg. No. 4-131

**ACTIVE INGREDIENT:**  
Captan N-(trichloromethylthio)-4-cyclohexene-1,2-dicarboximide ..... 50%  
**INERT INGREDIENTS:** ..... 50%  
U.S. Pat. Nos. 2,553,770; 2,553,771.

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

Avoid inhalation of dust and contact with skin. In case of contact and after use, wash thoroughly with soap and water. Do not contaminate feed and foodstuffs.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty containers. Destroy by burning.

BONIDE CAPTAN-50% WP can be combined with most commonly used insecticides and fungicides, except oil and alkaline materials, that is lime-sulphur, bordeaux mixture or calcium arsenate. Spray injury may result if used with, just before, or closely following an oil spray. At high rates, or in drenching sprays, CAPTAN-50% WP may cause necrotic spotting of tender, immature leaves on certain varieties of apples, peaches, plums and cherries. This is most likely from early cover sprays during long periods of warm, cloudy, humid weather. To avoid this, at such times, use at lowest recommended rates and avoid drenching trees.

**DIRECTIONS:** Pour recommended amount on water surface of nearly filled spray tank or pre-mix in bucket half filled with water and pour through screen into nearly filled spray tank. Keep agitator running during filling and spraying. Do not allow mixture to stand. Do not use in low volume gear type spray equipment. Do not use with emulsifiable liquids unless previous use proves compatibility. In order that official food and drug residue tolerances not be exceeded use only at recommended rates.

ORNAMENTALS	DISEASES	WHEN TO APPLY	AMOUNT
AZALEAS	damping off of cuttings	Dip cuttings before bedding	4 tbsp / gal. 4 lbs / 100 gals water
	petal blight	Apply to soil area around plants and spray flowers beginning just before bloom. Repeat at 7 to 14 day intervals through bloom	2 tbsp / gal. 2 lbs / 100 gals water
BEGONIAS (Tuberous)	damping off of tubers	Dip tubers 30 minutes. Drain and plant	4 tbsp / gal. 4 lbs / 100 gals water
	powdery mildew	Begin at first sign of disease. Repeat weekly or as needed	1/2 to 1/3 tbsp / gal. 1/2 to 1/3 lbs / 100 gals
GLADIOLUS (corms)	corm rot and decay; damping off	Dip corms 20 to 30 minutes. Drain and plant	64 to 240 oz / 10 gals
ROSES	black spot; botrytis blossom blight	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	2 tbsp / gal. 2 lbs / 100 gals water
CARNATIONS	alternaria leaf spot; rust	Begin at first signs of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews	2 tbsp / gal. 2 lbs / 100 gals water
	damping off of cuttings	Dip cuttings before bedding	4 tbsp / gal. 4 lbs / 100 gals water
CHRYSANTHEMUM	botrytis flower blight; septoria leaf spot	Apply at first sign of disease. Repeat at 7 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
	damping off of cuttings	Dip cuttings before bedding	4 tbsp / gal. 4 lbs / 100 gals water
VEGETABLES	DISEASES	WHEN TO APPLY	AMOUNT
BEANS	anthracnose; downy mildew; rust	Begin before diseases appear or at first sign of disease. Repeat at 4 to 10 day intervals or as necessary to maintain control	1 lb / 100 gal. 1 tbsp / 1 gal. water
CANTALOUPE, CUCUMBERS, HONEYDEW MELONS, PUMPKINS, SQUASH (Summer & Winter), WATERMELONS (Preharvest)	angular leaf spot; anthracnose; downy mildew	Begin at first sign of disease. Repeat at 5 to 7 day intervals	3 tbsp / gal. 3 lbs / 100 gals water
CARROTS	alternaria; cercospora blights; septoria leaf spot	Begin when diseases appear. Repeat at 5 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
CELERY	damping off; pink rot	Apply to plant beds when all seeds have germinated. Repeat as necessary	2 tbsp / gal. 2 lbs / 100 gals water
	late blight; Septoria; pink rot; scab; stem rot	Begin when diseases first appear. Repeat at 7 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water. Apply 200 gals per acre
POTATOES (Preharvest)	early and late blights	Begin when plants are 2 to 4 inches high or at first sign of disease. Repeat at 5 to 7 day intervals	4 to 8 tbsp / gal. 4 to 8 lbs / 100 gals water
	Postharvest	damping off; mold; seed rot; storage rots	Dip washed and rinsed potatoes
TOMATOES	anthracnose; early and late blights; gray leaf spot (Stem phyllosticta); septoria leaf spot	Begin at first sign of disease. Repeat at 5 to 7 day intervals	4 tbsp / gal. 4 lbs / 100 gals
FRUIT	DISEASES	WHEN TO APPLY	AMOUNT
APPLES	bitter rot; black rot; fringed leaf spot; black pox; botrytisphaeria (white rot)	Apply in late cover and preharvest periods	2 tbsp / gal. 2 lbs / 100 gals water
	botrytis rot; bullseye rot	Apply at first and second cover sprays, and in 1 or 2 preharvest sprays, or as needed, at 5 to 7 day intervals from pre bloom through early cover periods	
	bruise; fruit spot; flyspeck	Apply in cover periods	1/2 to 2 tbsp / gal. 1/2 to 2 lbs / 100 gals water
	scab; stem rot	Apply in cover periods	2 tbsp / gal. 2 lbs / 100 gals water
CHERRIES		fruit fall, shuck shed, and in cover sprays	2 to 4 tbsp / gal. 2 to 4 lbs / 100 gals water
		ing bloom at 3 to 4 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
PEACHES		pink full bloom; petal fall; shuck shed, and cover periods	
	leaf spot	Apply in pink bloom, petal fall, and first cover periods, and in 1 or 2 postharvest foliage sprays	
PEARLINES	brown rot; Phytophthora rot	Apply in pink full bloom, shuck shed, cover and preharvest periods	2 tbsp / gal. 2 lbs / 100 gals
	scab; stem rot	Apply at first sign of disease, and repeat at 5 to 7 day intervals	

Cameraman's Note

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This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty container. Destroy it by burying with waste or burning. Stay away from smoke or fumes.

Store in cool, dry place; protect from excessive heat.

NET WEIGHT 1 LB.

	petal blight	Apply to soil area around plants and spray flowers beginning just before bloom. Repeat at 7 to 14 day intervals through bloom	2 tbsp / gal. 2 lbs. / 100 gals water
BEGONIAS (Tuberous)	damping off tuber rot	Dip tubers 30 minutes, drain and plant	4 tbsp / gal. 4 lbs / 100 gals water
	powdery mildew	Begin at first sign of disease. Repeat weekly or as needed	1/4 to 1/2 tbsp / gal. 1/4 to 1/2 lbs / 100 gals
GLADIOLUS ( Corms )	corm rot and decay, damping off	Dip corms 20 to 30 minutes. Drain and plant	64 to 240 oz / 10 gals
ROSES	black spot, botrytis blossom blight	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	2 tbsp / gal. 2 lbs / 100 gals water
CARNATIONS	alternaria leaf spot, rust	Begin at first signs of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews	2 tbsp / gal. 2 lbs / 100 gals water
	damping off of cuttings	Dip cuttings before bedding	4 tbsp / gal. 4 lbs / 100 gals water
CHRYSANTHEMUM	botrytis flower blight, septoria leaf spot	Apply at first sign of disease. Repeat at 7 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
	damping off of cuttings	Dip cuttings before bedding	4 tbsp / gal. 4 lbs / 100 gals water
<b>VEGETABLES</b>	<b>DISEASES</b>	<b>WHEN TO APPLY</b>	<b>AMOUNT</b>
BEANS	anthracnose, downy mildew, rust	Begin before diseases appear or at first sign of disease. Repeat at 4 to 7 day intervals or as necessary to maintain control	1 lb / 100 gal. 1 tbsp / 1 gal water
CANTALOUPE, CUCUMBER, HONEYDEW MELONS, PUMPKINS, SQUASH (Summer & Winter), WATERMELONS (Preharvest)	angular leaf spot, anthracnose, downy mildew	Begin at first sign of disease. Repeat at 5 to 7 day intervals	1 tbsp / gal. 3 lbs / 100 gals water
CARROTS	alternaria, cercospora blights, septoria leaf spot	Begin when diseases appear. Repeat at 6 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
CELERY	damping off, pink rot	Apply to plant beds when all seeds have germinated. Repeat as necessary	2 tbsp / gal. 2 lbs / 100 gals at the rate of 450 gals per acre
POTATOES (Preharvest, Postharvest)	late blight, Septoria, pink rot, Sclerotinia	Begin when diseases first appear. Repeat at 7 to 10 day intervals	2 tbsp / gal. 2 lbs / 100 gals water. Apply 200 gals per acre
	early and late blights	Begin when plants are 2 to 4 inches high or at first sign of disease. Repeat at 5 to 7 day intervals	4 to 8 tbsp / gal. 4 to 8 lbs / 100 gals water
TOMATOES	damping off, mold, seed rot, storage rot	Dip washed and rinsed potatoes	2 tbsp / gal. 2 lbs / 100 gals water
	anthracnose, early and late blights, gray leaf spot (Stem phylum), septoria leaf spot	Begin at first sign of disease. Repeat at 5 to 7 day intervals	4 tbsp / gal. 4 lbs / 100 gals
<b>FRUIT</b>	<b>DISEASES</b>	<b>WHEN TO APPLY</b>	<b>AMOUNT</b>
APPLES	bitter rot, black rot, frog-eye leaf spot, black pox, botryosphaeria (white rot)	Apply in late cover and preharvest periods	2 tbsp / gal. 2 lbs / 100 gals water
	botrytis rot, bullseye rot	Apply at first and second cover sprays, and in 1 or 2 preharvest sprays, or as needed, at 5 to 7 day intervals from pre bloom through early cover periods	
	brooks fruit spot, flyspeck	Apply in cover periods	1/2 to 2 tbsp / gal. 1/2 to 2 lbs / 100 gals water
	sooty blotch	Apply in cover periods	2 tbsp / gal. 2 lbs / 100 gals water
CHERRIES	botrytis rot	Apply at petal fall, shuck shed, and in cover sprays	2 to 4 tbsp / gal. 2 to 4 lbs / 100 gals water
	blossom blight (brown rot)	Apply during bloom at 3 to 4 day intervals	2 tbsp / gal. 2 lbs / 100 gals water
	fruit rot (brown rot), leaf spot	Apply in pink, full bloom, petal fall, shuck shed, and cover period	
PEACHES	brown rot, thrips, scab	Apply in pink, full bloom, shuck shed, cover and preharvest periods	2 tbsp / gal. 2 lbs / 100 gals water
	brown rot (blossom blight), coryneum blight	Apply at 3 to 4 day intervals during bloom	
		Apply in pink bud, full bloom, petal fall, and cover periods as necessary, and as a fall foliage spray	
STRAWBERRIES	botrytis rot (gray mold), leaf spots	Begin at new growth. Repeat at 7 day intervals through picking and after harvest	3 tbsp / gal. 3 lbs / 100 gals water

Buyer's guarantee limited to label claims

Packaged & Distributed By BONIDE CHEMICAL CO., Yorkville, N.Y. 13495