

25-APR-2002

**CAPTAN 50WG**

***Wettable granule fungicide***

Contains captan, a fungicide for the control of certain fungus diseases of fruit, vegetable, flower, turf and ornamental crops as a soil treatment for certain seed rots and damping-off diseases.

**NET CONTENTS: 5 kg**

**COMMERCIAL**

**GUARANTEE: Captan 50%**

**REGISTRATION NO. 17425 PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING**

Exposure to captan may produce long term health effects. To minimize exposure, follow directions outlined on this label.

**CHEMTURA CANADA CO./CIE**

~~CROMPTON CO./CIE~~  
Elmira, Ontario  
N3B 3A3

Notification Change

24 HOUR EMERGENCY PHONE:  
(519) 744-3060

**USE RESTRICTIONS:**

1. Store in a cool, dry ventilated place, away from feeds and foods.
2. Keep away from heat, fire and sparks.
3. Do not contaminate food or feed.
4. Do not contaminate any body of water.

**SAFETY PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

Never handle material with bare hands. Use rubber gloves; do not

use leather or cloth gloves. Avoid spilling on skin or clothing. Do not breathe spray mist or dust. Wear a respirator and goggles while mixing, loading and spraying. When handling or applying, wear goggles, and clothing that completely covers arms and legs to minimize exposure. Change contaminated clothing daily and wash thoroughly before re-use. Wash hands, face and arms thoroughly after handling captan and before drinking, eating or smoking. Shower after use or at the end of the work day. If an accident occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing and gloves before re-use. Always work out of the wind during mixing and loading operations. Keep unprotected persons out of operating area or vicinity where there may be drift.

#### **FIRST AID:**

In case of poisoning, call a physician immediately. **IF ON SKIN**, remove contaminated clothing and wash skin thoroughly with soap and water. **IF IN EYES**, flush with water for 10 to 15 minutes and obtain medical attention. **IF SWALLOWED**, give the patient one to two glasses of water, and cause vomiting by giving one dose of syrup of ipecac. If the patient does not vomit within 20 minutes, give a second dose. If syrup of ipecac is not available, give the patient one to two glasses of water and cause vomiting by inserting a finger down the throat. Repeat with water until vomit fluid is clear. The patient should be lying down with the head below the level of the feet. **DO NOT TRY TO CAUSE VOMITING IF THE PATIENT IS UNCONSCIOUS OR IN A CONVULSIVE STATE.**

#### **DISPOSAL:**

Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

**NOTICE TO USER:** This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

**NOTICE TO BUYER:** Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

## **DIRECTIONS FOR USE:**

**Captan 50WG** is a readily soluble granule 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.

**COMPATIBILITY: Captan 50WG** can be used at recommended dosages in accordance with spray schedules or recommendations by Provincial or Experimental 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.

**MIXING:** 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.

**RECOMMENDATIONS:** Unless otherwise specified, rates are given in terms of CAPTAN 50WG per 1000 litres of water. If expressed in kg per hectare, sufficient water to provide thorough coverage should be used. Except as specified, begin applications before or at first sign of disease and repeat as necessary to maintain control but observe limitations.

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

**DO NOT APPLY BY AIR**

## **FRUIT**

**APPLE - Scab:** Use 2 kg in 1000 litres. Apply in a regular protective schedule from green tip up to and including second cover spray. After second cover spray, reduce rate to 1 kg per 1000 litres if scab is at a low level in the orchard. Do not apply within 7 days of harvest. Early season sprays may cause injury to foliage of Red Delicious, Winesap and other sensitive varieties. **Bitter Rot, black rot, Brooks spot, flyspeck, sooty**

**blotch:** Use 1 to 2 kg in 1000 litres. Consult your provincial spray calendar for recommended dosage, rate and timing of applications. Do not apply within 7 days of harvest. Early season sprays may cause injury to foliage of Red Delicious, Winesap, and other sensitive varieties. **Bulls-eye rot**

(Gloeosporium perennans): Apply 2 kg in 1000 L if rainy periods occur prior to harvest. Consult your provincial spray calendar for timing of applications. Do not apply within 7 days of harvest. Early season sprays may cause injury to foliage of Red Delicious, Winesap and other sensitive varieties.

**APRICOT - BROWN ROT:** Use 2 to 2<sup>1</sup>/<sub>2</sub> kg per 1000 litres. Apply in pink bud, bloom, shuck-split, shuck-fall and pre-pink sprays. Do not apply within 2 days of harvest.

**CHERRY (SOUR, SWEET) - Brown rot, shot hole (leaf spot):** Use 2 to 2<sup>1</sup>/<sub>2</sub> kg in 1000 litres. Apply in prebloom, petal fall, shuck, first, second and third cover sprays and immediately after harvest. Leaf injury may result to the Schmidt and Emperor Francis varieties of sweet cherry in post-bloom sprays. Do not apply within 2 days of harvest for sweet cherry or 5 days for sour cherry.

**PEACH - Brown rot, scab:** Use 2 to 2<sup>1</sup>/<sub>2</sub> kg in 1000 litres. Apply in late pink, full bloom, petal fall, shuck-fall and cover sprays. Continue applications through harvest if conditions favor brown rot. Do not apply within 2 days of harvest.

**PEAR - Scab, sooty blotch:** Use 2 kg in 1000 litres. For scab, apply in the prebloom, petal fall and first cover sprays. For sooty blotch, apply in the second cover spray and 2 weeks later. Do not use on D'Anjou pears. Do not apply within 7 days of harvest.

**PLUM - Black knot, brown rot:** Use 2 to 2<sup>1</sup>/<sub>2</sub> kg in 1000 litres. For black knot, spray in the green tip, prebloom and blossom sprays. For brown rot, apply in the prebloom, bloom, shuck and cover sprays. Do not apply within 2 days of harvest.

**GRAPE - Dead arm (current season's infections):** Use 2 kg in 1000 litres. Apply when new shoots are 1.2 to 5 cm long and again when 10 to 15 cm long. Do not apply within 7 days of harvest.

**Black rot, downy mildew:** Use 2 to 2<sup>1</sup>/<sub>2</sub> kg in 1000 litres. Apply just before bloom, just after bloom and in first cover. For downy mildew, an additional application 2 to 3 weeks later may be needed. Do not apply within 7 days of harvest.

**RASPBERRY - Fruit rot, spur blight:** Use 2 kg in 1000 litres. Apply when blossoms first appear and repeat at intervals of 7 to 10 days until harvest. Under conditions favorable to fruit rot, continue applications throughout the harvest period. Do not apply within 2 days of harvest. Anthracnose: Use 2 kg in 1000 litres. Apply when the new shoots are 15 to 20 cm tall, when they are 30 to 38 cm tall and again 2 weeks later. Do not apply within 2 days of harvest.

**BLACKBERRY - Fruit rot:** Use 3.5 kg per hectare. Apply when first blossoms open and then at weekly intervals through bloom. Under conditions favorable to fruit rot, continue applications throughout the harvest period. Do not apply within 2 days of harvest.

**LOGANBERRY - Cane spot, fruit rot, leaf spot, spur blight:** Use 2.25 to 3.5 kg per hectare. Apply when first blossoms open and then at weekly intervals through bloom. Under conditions favorable to fruit rot, continue applications throughout the harvest period. Do not apply within 2 days of harvest.

**BLUEBERRY - Fruit rot, mummy berry:** Use 3.5 kg per hectare. Treat when new growth starts and then at weekly intervals through bloom. Under conditions favorable to fruit rot, continue applications throughout the harvest period. Do not apply within 2 days of harvest.

**STRAWBERRY - Gray mold rot, leaf spot:** Use 4.5 to 6.5 kg per hectare. Apply when the new growth starts in the spring, and repeat at weekly intervals. Under conditions favorable to fruit rot, continue applications throughout the harvest period. Do not apply within 2 days of harvest.

## VEGETABLES

**RHUBARB (IN FORCING SHEDS) - Gray mold rot:** Use 2 to 3 kg 1000 litres. Spray at weekly intervals. Do not apply within 2 days of harvest.

**CUCUMBER - Anthracnose, scab:** Use 3.5 to 6.5 kg per hectare. Apply at the first sign of disease and repeat at intervals of 5 to 7 days. Use 3.5 to 5 kg per hectare on young plants, 5 to 6.5 kg per hectare on mature plants. Do not apply within 2 days of harvest.

**POTATO (SEED PIECES) - Brown-eye disease, common scab, rhizoctonia, seed piece decay:** Use 2.5 to 3 kg in 1000 litres. Dip in suspension, then drain. Treat within 6 hours of cutting. Dry thoroughly if planting is to be delayed more than 1 day.

**TOMATO - Anthracnose, early blight, gray leaf spot, late blight, septoria leaf spot:** Use 2 to 6 kg in 1000 litres. Apply at the first sign of infection and repeat at intervals of 7 to 10 days or as needed to maintain control. Use the higher rates on mature plants or for severe infections. Do not apply within 2 days of harvest.

## OTHER CROPS

**TOBACCO (SEEDLINGS) - pythium, damping-off:** Use 250 grams in 200 litres per 1000m2. Apply when seedlings are dime-sized. If necessary, repeat 10 to 14 days later.

**TURF (ORNAMENTAL, SPORT) - Brown patch, damping-off, leaf spot, melting-out, root rot:** Use 150 to 250 grams per 100m2. Apply before infection occurs in early spring. Repeat at intervals of 7 to 14 days throughout the summer.

**CAMELLIA - Gray-mold blight:** Apply 2 kg in 1000 litres to foliage and soil around plants. Spray weekly or bi-weekly before and during flowering season, especially following rain or damp weather.

**CARNATION - Blight, leaf spot:** Use 2 to 2.5 kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

**CHRYSANTHEMUM - Gray-mold blight, septoria leaf spot:** Use 2 to 2.5 kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

**ROSE - Black spot:** Use 2 to 2.5 kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

**AZALEA, CARNATION, CHRYSANTHEMUM - Stem rot of cuttings:** Use 50 to 80 grams per 10 litres. Dip cutting for 20 to 30 minutes. Drain before planting.

**BEGONIA (TUBEROUS), DAHLIA, IRIS (BULBOUS), NARCISSUS, TULIP, GLADIOLUS Damping-off, bulb rots:** Use 6 to 15 kg in 1000 litres. Before storage, dip and allow to dry.

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