

97.12.17

CLEAN CROP(R)

CAPTAN 50W

Wettable Powder

FUNGICIDE

CAUTION POISON

COMMERCIAL

READ THE LABEL BEFORE USING

CAUTION: "EXPOSURE TO CAPTAN MAY PRODUCE LONG
TERM HEALTH EFFECTS. TO MINIMIZE EXPOSURE FOLLOW
DIRECTIONS OUTLINED ON THIS LABEL."

GUARANTEE: Captan.....50%

REGISTRATION NO. 15210

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 15 kg

United Agri Products
P.O. Box 22116
LONDON, Ontario
N6C 4N0

DIRECTIONS FOR USE

Captan 50W 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.

COMPATIBILITY

Captan 50W can be used at recommended dosages in accordance with spray schedules or recommendations by Provincial or Experiment Station personnel. Do not combine with oil or strongly alkaline materials such as hydrated lime, which reduce the fungicide activity. Do not use this product in combination with, immediately before or closely following an oil spray, or with liquid 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 Clean Crop Captan 50W 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.

FRUIT

APPLE - scab: Use 2.0 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 1.0 Kg in 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 1.0 Kg to 2.0 Kg in 1000 litre. Consult your Provincial spray calender 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 peressans*): Use 2.0 Kg in 1000 litres. Apply 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 2.0 to 2.5 Kg in 1000 litres. Apply in pink bud bloom, shuck-split, shuck-fall, and pre-pick sprays. Do not apply within 2 days of harvest.

CHERRY (SOUR, SWEET) - brown rot, shot hole (leaf spot): Use 2 to 2.5 Kg in 1000 litres. Apply in pre-bloom, petal fall, shuck, first, second and third cover sprays and spray 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 5 days of harvest (sour). Do not apply within two days of harvest (sweet).

PEACH - brown rot, scab: Use 2.0 to 2.5 Kg in 1000 litres. Apply in late pink, full bloom, petal fall. Continue applications through harvest if conditions favour brown rot. Do not apply within two days of harvest.

PEAR - scab, sooty blotch: Use 2.0 Kg in 1000 litres. For scab, apply in pre-bloom, petal fall and first cover sprays. For sooty blotch, apply in the second cover spray and two weeks later. Do not use on D'Anjou pears. Do not apply within 7 days of harvest.

PLUM - black knot, brown rot: Use 2.0 to 2.5 Kg in 1000 litres. For black knot, spray in the green tip, prebloom, bloom shuck and cover sprays. Do not apply within two days of harvest.

GRAPE - dead arm (current season's infections): Use 2.0 Kg in 1000 litres. Apply when new shoots are 1 cm to 5 cm long and again when 10 cm to 15 cm long. Do not apply within 7 days of harvest.

Black rot, downy mildew: Use 2.0 to 2.5 Kg in 1000 litres. Apply just before bloom, just after bloom and in first cover. For downy mildew, an additional application after first cover 2 to 3 weeks may be needed. Do not apply within seven days of harvest.

RASPBERRY - fruit rot, spur blight: Use 2.0 Kg in 1000 litres. Apply when blossoms first appear and repeat at intervals of 7 to 10 days until harvest. Under conditions favourable to fruit rot continue applications throughout the harvest period. Do not apply within two days of harvest.

BLACKBERRY - fruit rot: Use 3.25 Kg/ha. Apply when first blooms open and then at weekly intervals through bloom. Under conditions favourable to fruit rot, continue applications throughout the harvest period. Do not apply within two days of harvest.

LOGANBERRY - cane spot, fruit rot, leaf spot, spur blight: Use 2.25 to 3.25 Kg per hectare. Apply when first blossoms open and then at weekly intervals through bloom. Under conditions favourable to fruit rot, continue applications throughout the harvest period. Do not apply within two days of harvest.

BLUEBERRY - fruit rot, mummyberry: Use 3.25 Kg/ha. Treat when new growth starts and then at weekly intervals through bloom. Under conditions favourable to fruit rot, continue applications throughout the harvest period. Do not apply within two days of harvest.

STRAWBERRY - gray-mold rot, leaf spot: Use 4.50 to 6.25 Kg/ha. Apply when the new growth starts in the spring and repeat at weekly intervals. Under conditions favourable to fruit rot, continue applications throughout the harvest period. Do not apply within two days of harvest.

VEGETABLES

RHUBARB (IN FORCING SHEDS) - gray mold rot : Use 2.0 to 3.0 Kg in 1000 litres. Spray at weekly intervals. Do not apply within two days of harvest.

CUCUMBER - anthracnose, scab: Use 3.25 to 6.50 Kg/ha. Apply at the first sign of disease and repeat at intervals of 5 to 7 days. Use 3.75 to 5.00 Kg on young plants. 5.00 to 6.50 Kg on mature plants. Do not apply within two days of harvest.

POTATO (SEED PIECES) - brown eye disease, common scab, rhizoctonia, seed piece decay: Use 2.5 to 3.0 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 one day.

TOMATO - anthracnose, early blight, gray leaf spot, late blight, septoria leaf spot: Use 2.0 to 4.0 Kg in 1000 litres. Apply at the first sign of infection and repeat at intervals of 7 to 10 days as needed to maintain control. Use the higher rates on mature plants or for severe infections. Do not apply within two days of harvest.

BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KALE, CELERY, EGGPLANT ORNAMENTALS, PEA, PEPPER, ROSE, RUTABAGA, TOMATO, TURNIP - damping off, root rot: Use 125 - 225 g/100m(2) as a dust or 2.5 Kg/1000 litres of water and apply at rates of 50 to 85 litres/100m(2). Work into the upper 8 to 10 cm of soil before planting.

OTHER CROPS

TOBACCO (SEEDLINGS) - pythium damping-off: Use 250 grams in 200 litres per 100m(2). Apply when seedlings are 2 cm wide. If necessary, repeat 10 to 14 days later.

TURF (ORNAMENTAL, SPORTS) - brown patch, damping-off, leaf spot, melting-out, root rot: Use 150 to 225 g/100m(2). Apply before infection occurs in early spring. Repeat at intervals of 7 to 14 days throughout the summer.

CARNATION - blight, leaf spot: Use 2.0 to 2.25 Kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

CHRYSANTHEMUM - gray-mold blight, septoria leaf spot: Use 2.0 Kg to 2.25 Kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

ROSE - black spot: Use 2.0 to 2.25 Kg in 1000 litres. Apply at intervals of 7 to 10 days as necessary.

AZALEA, CARNATION, CHRYSANTHEMUM - stem rot of cutting: Use 5 to 8 g/L. Drain before planting. Dip cuttings for 10 to 30 mins.

BEGONIA (TUBEROUS), DAHLIA, IRIS (BULBOUS, NARCISSUS, TULIP, GLADIOLUS) - damping-off, bulb rots: Use 6.0 to 15.0 Kg in 1000 litres. Before storage, dip and allow to dry.

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. 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. When treating, augering or handling treated seed, work in a well-ventilated area and wear a respirator, goggles and gloves. Do not contaminate food or feed. Do not contaminate any body of water. Label all unplanted treated seed: Poisonous to man and animals. Do not use for food or feed. "This seed has been treated with Captan."

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 at least 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 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 INDUCE VOMITING IF THE PATIENT IS UNCONSCIOUS OR IN A CONVULSIVE STATE.

DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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 offence 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.

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