



CAPTAN

50-W

34704-63
1 of 2
ACCEPTED
SEP 19 1988
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-63

A FUNGICIDE FOR PLANT DISEASE CONTROL

ACTIVE INGREDIENT:		BY WEIGHT
Captan 15 (1-methyl-2-methyl-4-cyclohexyl-1,2-dicarboximide)		87.3%
Related Derivatives		2.7%
INERT INGREDIENTS		90.0%
TOTAL		100.0%

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-63

EPA EST. NO. _____

NET WEIGHT _____ LBS.

14346

* CLEAN CROP is a Registered T.M. of United Agri Products, Inc.

EXP-1G

Captan Mixture
RQ NA9099

ORM-E

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If swallowed—Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled—Remove victim to fresh air. Apply artificial respiration if indicated. If in eyes—Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. If on skin—Remove contaminated clothing and wash affected area with soap and water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES RESTRICTIONS

The use of this product in a manner which may harm endangered species or adversely support their habitat is prohibited by Federal law. The following endangered species and the general location of their habitats have been identified by county:

Stackwater Darter	Alabama (Lauderdale, Limestone and Madison)
Pecos gambusia	Tennessee (Lawrence and Wayne)
	New Mexico (Chaves and Eddy)
Freshwater Mussels	Texas (Reeves, Jeff Davis and Pecos)
	Tennessee (Hancock, Claiborne, Hawkins and Sullivan)
	Virginia (Smyth, Scott, Lee, Washington and Grayson)
Commanche Springs Pupfish	Texas (Reeves and Jeff Davis)

Prior to use of this product in the above counties you must determine that these species are not located in, or immediately adjacent to, the areas to be treated with captan. Consult your regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or State Wildlife Agency if there is any doubt as to the areas where the outdoor use of captan is prohibited.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

RE-ENTRY STATEMENT

Do not enter treated areas within 4 days following application unless protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. 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. Consult applicable post reentry information at site of application. 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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, a warning shall be given in a language customarily understood by the workers. Written or oral warnings must include the following information:

DANGER

(Insert area or field description) treated with captan on (insert date of application). Do not enter treated areas within 4 days following application unless protective clothing is worn. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to captan and describe his condition. For further information see the STATEMENT OF PRACTICAL TREATMENT portion of the pesticide label.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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.

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.

OBSERVE THE FOLLOWING USE PRECAUTIONS

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

In order that pesticide residues on food and forage crops will not exceed federal tolerances, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to adjoining food, fiber or pasture crops.

Do not rotate a foliar treated crop with crops other than those with registered Captan uses.

Consult State Agricultural Experiment Stations or State Agricultural Extension Service for additional information, as the timing of applications needed will vary with local conditions.

Mixers, loaders, and applicators, when mixing, loading, and applying, must wear mud-soled shoes, long-sleeved shirts or long pants, and gloves. Boots or overshoes, neoprene overalls which have long sleeves and long pants, face shield or goggles, and a hat or other appropriate head covering. A dust mask must be worn when mixing and loading this product. Applicator's protection may also be obtained by use of an enclosed tractor cab with a properly filtered air supply.

Clothing worn while loading, mixing, and applying this product must be laundered separately from other clothing before reuse. Clothing that may have been drenched or heavily contaminated must be disposed of in accordance with State and local regulations.

Fieldworkers and harvesters must wear natural or synthetic rubber, vinyl or plastic gloves impermeable to captan residues. Leather or fabric gloves are not acceptable.

Water from cranberry bogs and wetland taro fields (in which either cranberry plants or taro plants had been treated with captan) must not be used for irrigation of crops other than those with registered captan uses.

COMPATIBILITY AND PLANT SAFETY: CAPTAN 50-W 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 CAPTAN 50-W. Do not apply CAPTAN 50-W in combination with or immediately before or closely following oil sprays. The time factor governing the safe interval between CAPTAN 50-W and oil sprays vary due to general climatic conditions, therefore, consult local agriculture spray programs and authorities to determine the proper timing. The use of sprayers which cause excessive wetting is not advised. Combinations with solvent formulations of organic phosphates should not be used. Combinations of CAPTAN 50-W and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drizzling sprays, CAPTAN 50-W may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums and cherries. This type of injury is most likely to occur in the early cover spray during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use CAPTAN 50-W and other spray materials at lowest recommended rates and avoid drizzling trees.

APPLICATION PROCEDURES

Applications can be made by aircraft or ground power equipment (including concentrate and semi-concentrate equipment). Pour recommended amount of this material into newly 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 a previous experience has proven them to be physically compatible and safe to plants (Read compatibility and plant safety information given under USE PRECAUTIONS).

Unless otherwise specified, rates are given in terms of CAPTAN 50-W per 100 gallons water for fruit and nut crops and ornamentals. For vegetable crops, rates are expressed as CAPTAN 50-W per acre in sufficient water to provide thorough coverage. 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, applications can be made on the day of harvest.

Maximum permissible rates per acre, per application as CAPTAN 50-W is given in parentheses, (), after crop claim.

FRUIT AND NUT CROPS

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.

ALMONDS: Brown rot and the silver leaf scorching, such as leaf blight. Apply to almonds. Apply at popcorn, bloom, and petal fall stages and up to 5 weeks after petal fall. Must be fed to livestock. (32 pounds)

Subsequent applications may be made up to 12 days of harvest in accordance with pest infestations and State Agricultural Extension Service recommendations, provided the nuts are not fed to dairy animals or animals being finished for slaughter. (32 pounds)

(continued on back panel)



CAPTAN 50-W

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APPLES (eastern U.S.): Primary scab, black rot (frog eye), botrytis blossom rot—1½ to 2 pounds at 5 to 7 day intervals as needed to maintain cover in prebloom, bloom, petal fall and first cover sprays. Use at 2 pound rate if conditions favor scab or if active scab can be found. Secondary scab, Brooks fruit spot, sooty blotch, fly speck, black rot, black pox, powdery mildew, bitter rot—1 to 2 pounds at 10 to 14 day intervals in second and later cover sprays up to start of harvest (16 pounds). Powdery mildew—if powdery mildew is a problem add 1½ to 3 pounds sulfur or ½ to 1½ pound Karathane to all pre-bloom and bloom sprays and ½ to 1½ pound Karathane to all post-bloom sprays until the foliage matures. Use ½ pound Karathane if interval between sprays is longer than 7 days. **CAUTION**—Do not use CAPTAN 50-W in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staygreen, Baldwin, King, etc., as severe injury and defoliation may occur.

APPLES (western U.S.): Apple scab—In pre-bloom sprays, use 2 lbs. per 100 gallons of water in high volume application. In low volume sprays apply 16 pounds per acre. In mid-summer, the dosage may be reduced to 1 pound per 100 gallons in high volume application or 10 pounds per acre in low volume sprays. Bull's eye rot, Botrytis rot (Pacific Northwest)—2 pounds per 100 gallons spray. Make 1 or 2 applications with late cover sprays and 1 to 2 pre-harvest applications. (16 pounds)

APRICOTS: Brown rot (wing blight), jacket rot—Use 2 pounds. Apply in red bud, bloom, 75% petal fall, and cover stages. (10 pounds)

BLACKBERRY, DEWBERRY, RASPBERRY (eastern U.S.): Anthracnose—Use 4 pounds per acre in sufficient water for thorough coverage in the pre-bloom (when new canes are 6 to 8 inches long) and first cover (right after petal fall) sprays. **RASPBERRY**—Botrytis fruit rot—Use 2 pounds per 100 gallons water. Begin application in the first bloom. Make 2 or more repeat applications (as field conditions warrant) at 10 to 15 day intervals. (8 pounds)

RASPBERRIES (western U.S.): Anthracnose, Botrytis, spur blight—Apply 2 pounds. 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—Apply 2 pounds. Apply 3 to 5 days before harvest starts. Repeat at mid-harvest and 8 to 10 days later. (6 pounds)

BLUEBERRIES (western U.S.): Botrytis gray mold or berry rot, mummy berry—Use 2 pounds in sufficient water for thorough coverage. Begin at mid-bloom, repeat at 7 to 10 day intervals until maturity. (5 pounds)

CHERRIES (eastern U.S.): Brown rot, leaf spot, Botrytis rot—Use 2 pounds in pre-bloom, bloom, petal fall, shuck, cover and pre-harvest 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. If powdery mildew is a problem add 3 pounds sulfur to the petal fall, shuck and early cover sprays. If sulfur is added, CAPTAN 50-W may be reduced to 1 pound in these sprays. Post harvest sprays—Apply 2 pounds immediately after harvest for leaf spot. Repeat application in 10 to 14 days. (20 pounds)

CHERRIES (western U.S.): Brown rot blossom blight, brown rot (fruit), leaf spot—Use 2 pounds in pre-bloom, bloom, petal fall, shuck, cover and pre-harvest sprays. (20 pounds)

CITRUS (Grapefruit, Lemons, Oranges, Tangelos, Tangerines): Brown rot (phytophthora)—Use 2 to 4 pounds. Apply to skirts of trees before winter rains. Wet tree thoroughly to height of 3 to 4 feet. Repeat 10 to 12 weeks later (20 pounds). Melanose, scab (orange and tangelo)—Use 2 pounds plus spray sticker. Apply as necessary from ½ petal fall until fruit is ½ inch in diameter. Do not apply after fruit size exceeds ½ inch in diameter. Do not feed raw by-products to livestock. (10 pounds)

CRANBERRIES (western U.S.): Blotch rot (Acanthomyces vacuini), Guignardia blight—Apply 8 pounds per acre in 300 gallons of water in early spring. Repeat applications as required. Storage rot, twig blight—Apply 6 pounds per acre in 300 gallons of water during the first week of June for twig blight, and in early and late August for storage rot. (7 pounds) This product toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of waste.

GRAPES (eastern U.S.): Black rot, downy mildew—2 pounds per 100 gallons, make first application just before bloom, repeat just after bloom and at 10 to 14 day intervals for 1 to 3 more applications depending upon the susceptibility of the grape variety. Dead Arm (current season infection)—Use 2 to 4 pounds per 100 gallons dilute spray. Apply 50 gallons per acre when shoots are ½ to 1 inch long. Repeat application when shoots are 4 to 6 inches long. (10 pounds)

GRAPES (California): Bunch rot (Botrytis)—Apply 2 pounds per acre. Make 2 applications before bloom and 1 just after bloom. Repeat periodically making 3 cover applications before the bunches close. Dead Arm (current season infection)—Apply 4 pounds per 100 gallons spray. Apply 3 to 6 pounds per acre by ground equipment. Apply 4 pounds in 7 to 20 gallons of water per acre by aircraft. Apply first spray when green tissue begins to show but before shoots are 1 inch long. Apply a second spray when shoots are 8 to 8 inches long. (10 pounds)

MANGOES: Cercospora leaf spot or blotch—Use 2 pounds. Begin at first sign of disease and repeat at weekly intervals, to maintain control. (20 pounds)

PEACHES, NECTARINES: Brown rot, scab—Use 2 pounds in full pink, bloom, petal fall, shuck, cover and pre-harvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain cover. Continue applications through harvest if conditions favor brown rot. If powdery mildew is a problem, add 3 pounds sulfur to the petal fall, shuck and early cover sprays. If sulfur is added, CAPTAN 50-W may be reduced to 1 pound in these sprays. Cystosporium blight (peach blight, shot-hole)—Use 2 pounds, apply in pink bud, full bloom, petal fall and cover periods as necessary and as a post harvest spray (but before leaves drop). (10 pounds)

PEACHES (NURSERY STOCK) (California): Preventative pre-plant dip treatment for crown gall. Use 4 pounds CAPTAN 50-W plus 3.5 parts diluted sodium hypochlorite (5.25% household bleach) per 100 gallons water. Wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation as necessary to maintain a proper concentration of 200 ppm chlorine. Check the concentration frequently using a chlorine test kit.

PEARS (eastern U.S.): Scab—Use 2 pounds in pre-bloom, petal fall and cover sprays. Repeat cover applications at 7 to 14 day intervals under severe scab conditions. Russeting may be reduced on Bosc pears. Do not use on Anjou pears. (16 pounds)

PEARS (western U.S.)—except Pacific Northwest: Pear scab—Use 2 pounds. Apply during early fruit stage, petal fall and first cover spray. Under severe scab infection conditions additional treatments may be necessary. Russeting may be reduced on Bosc pears. Do not use on Anjou pears. (16 pounds)

PINEAPPLES: Heart rot (phytophthora parasitica)—Use 10 pounds. Dip slips into solution just prior to planting (phytophthora cinnamomi)—Use 4 pounds. Spray immediately after planting. Repeat at 2 week intervals (20 pounds). Post-Harvest Dip: Storage and transit rot—Use 10 pounds. Dip or wash harvested fruit.

PLUMS, PRUNES (eastern U.S.): Brown rot—Use 2 pounds in full pink, bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain cover. Continue application through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. (10 pounds)

PLUMS, PRUNES (western U.S.): Brown rot—Use 2 pounds. Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant. Prune russet scab (fuzzy scale) (in California)—Apply 2 pounds per 100 gallons water (8 pounds per acre). Apply at full bloom. (10 pounds)

QUINCE: Brown rot, scab—Use 2 pounds. Begin when disease threatens. Repeat at 7 to 10 day intervals. Do not apply within 7 days of harvest. (10 pounds)

STRAWBERRIES: Botrytis (gray mold), leaf spot—Apply 4 to 6 pounds per acre in sufficient water for thorough coverage. Begin applications when new growth starts in the spring and before fruit starts to form. Repeat at weekly intervals if conditions favorable to fruit rot continue applications through harvest period. Leafing out immediately after each picking. (8 pounds)

VEGETABLE CROPS

ASPARAGUS (PREPLANTING ROOT DIP): Botrytis, root rots, phoma rot, penicillium rot, fusarium—Use 3 pounds per 100 gallons water (4 tablespoonfuls per gallon). Dip root sections for 1 minute, drain and plant.

BEANS, PEAS: Damping-off (beans only) fungus root rot—Use 10 to 12 pounds per acre as a broadcast treatment, working into top 3 to 4 inches of soil, or use 5 to 6 pounds per acre in the row at time of planting.

CANTALOUPE, CUCUMBER, PUMPKIN, SUMMER AND WINTER SQUASH, HONEYDEW MELONS, WATERMELON: Angular leaf spot, anthracnose—Use 4 pounds 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. (7.6 pounds)

CARROTS: Cercospora blight, septoria leaf spot—Use 2 pounds per 100 gallons water and apply the equivalent of 4 pounds CAPTAN 50-W per acre. Apply at first sign of disease and repeat at 6 to 10 day intervals. (6 pounds)

CELERY: Damping-off, pink rot—Use 2 pounds per 100 gallons water. Apply 450 gallons spray per acre to plant beds when all seeds have germinated. Repeat as necessary (13 pounds) Late blight (septoria), pink rot (sclerotinia)—Use 2 pounds per 100 gallons water. Apply 200 gallons spray per acre. Spraying should begin in the seedbed and be continued at 7 to 10 day intervals. (4 pounds)

EGGPLANT: Phomopsis blight, fruit rot, anthracnose—Use 2 pounds. Begin when plants emerge in plant bed or when disease first appears in field. Repeat at 3 to 7 day intervals through growing season. Damping-off—Use 10 to 12 pounds per acre in sufficient water for thorough coverage. Begin when all seeds have germinated. Repeat at 10 day intervals. (6 pounds as foliar spray; 12 pounds in plant beds before transplanting)

ONIONS (GREEN): (California)—Downy mildew—Use 3 pounds per acre in 5 to 20 gallons water per acre by air or 20 to 100 gallons water per acre by ground equipment. Apply at first sign of infection and repeat at 5 to 7 day intervals or as needed to maintain disease control. (3 pounds)

ONIONS (GREEN AND BULB): Downy mildew, purple blotch—Use 2 pounds. Apply at first sign of infection and repeat at 7 to 10 day intervals. (3 pounds)

PEPPERS, PIMENTOS: Anthracnose, cercospora (frog eye leaf spot and stem and root)—Use 3 pounds. Apply at 3 to 7 day intervals throughout the growing season. (6 pounds) Damping-off—Use 2 pounds. Plant bed treatment. Begin when all seeds have germinated. Repeat at 10 day intervals. (12 pounds)

TOMATO: Anthracnose, gray leaf spot, septoria leaf spot—Use 4 to 6 pounds per acre in sufficient water for thorough coverage. Under severe infection conditions use 6 to 8 pounds 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. (10 pounds)

SPECIAL USES

PREPLANTING SOIL TREATMENT: For control of damping-off and root rots for the crops listed below, apply spray broadcast to soil surface as a preplanting application and cultivate into upper 3 to 4 inches of soil. Or apply to furrow over the seed when specified (14,500 linear feet of row equals 1 acre.) Close and pack the furrow in usual manner. Apply dosage rate in sufficient water for thorough soil coverage unless otherwise specified.

BEANS, PEAS: Use 10 to 12 pounds broadcast or 5 to 6 pounds in furrow. (12 pounds) **BEETS**: Use 2 pounds per 100 gallons water; 15 gallons spray per 1,000 square feet. (13 pounds)

BROCCOLI, BRUSSEL SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, KOHLRABI, MUSTARD, RUTABAGAS, TURNIPS: Damping-off only—Use 15 pounds broadcast. (28 pounds)

CANTALOUPE, CUCUMBERS, HONEYDEW MELONS, PUMPKINS, SQUASH (SUMMER AND WINTER), WATERMELONS: Use 2 pounds per 100 gallons water, 600 gallons spray per acre broadcast. (12 pounds)

SPINACH: (Direct seeded) Use 5 to 7 pounds in 30 gallons water in furrow. (7 pounds) **POST HARVEST DIP**: For control of various molds and storage rots (Botrytis, Gloeosporium, Rhizopus). Use as a post-harvest dip or wash on the following fruits and vegetables: Apples, Apricots, Cantaloupes, Cherries, Cucumbers, Grapefruit, Lemons, Limes, Mangoes, Nectarines, Onions, (Green and Bulb), Oranges, Peaches, Pears, Potatoes, Tangelos, Tangerines—Use 2½ pounds. Apply as a spray or in dip tank. When used as a dip, recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1 pound for each 25 gallons added. At end of every 8 hour shift, empty tank, flush and charge with fresh dilution. Do not allow dip tank solution to stand overnight. Maintain continuous agitation during dipping operation. Caution: Do not feed mango or citrus by-products to dairy animals or animals being finished for slaughter.

PACKING BOX TREATMENT: For reduction of storage rots and molds (Rhizopus, Botrytis, Gloeosporium) treat packing boxes with a solution of 2 pounds per 100 gallons water. Spray boxes thoroughly or use as a dip. Keep solution agitated continuously. Drain, flush and recharge the dip tank with new solution after each 8 hour shift.

ORNAMENTALS

AZALEAS: Damping-off of cuttings—Use 4 pounds. Dip cuttings before bedding. Petal blight—Use 2 pounds. Apply to soil area around plants and spray flowers just before bloom. Repeat at 7 to 14 day intervals through bloom.

BEGONIAS (TUBEROUS): Damping-off, tuber rot—Use 4 pounds. Dip tubers 30 minutes, drain and plant.

CAMELLIAS: Petal blight—Use 1 pound. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

CARNATIONS: Alternaria leaf spot, rust—Use 2 pounds. Begin at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dew. Damping-off of cuttings—Use 4 pounds. Dip cuttings before bedding.

CHRYSANTHEMUM: Botrytis flower blight, septoria leaf spot—Use 2 pounds. Apply at first sign of disease. Repeat at 7 to 10 day intervals. Damping-off of cuttings—Use 4 pounds. Dip cuttings before bedding.

DICHONDRA (CALIFORNIA ONLY): White mold (Sclerotium rolfsii)—Use 2 pounds. Apply 1 gallon spray per 10 square feet. Make 2 to 3 applications at 7 day intervals.

GLADIOLUS (ORMS): Crown rot and decay, damping-off—Use ½ to 1½ pounds per 10 gallons, dip corms 20 to 30 minutes. Drain and plant.

GRASSES (ORNAMENTAL IN NON-PASTURED AREAS ONLY): Leaf spot, damping off, brown patch, melting out, seedling blights, and brown spot on St. Augustine grass—Use 2 pounds. Apply 10 gallons spray per 1,000 square feet. Begin when growth starts in spring. Repeat at 7 to 14 day intervals throughout season. Do not graze treated areas or feed clippings to livestock.

GRASSES (LAWN SEEDBEDS): Damping-off and other soil borne diseases—Use ½ to 1½ pound per 1,000 square feet or 2 pounds in 100 gallons water using 15 gallons spray per 1,000 square feet. Cultivate into upper 3 to 4 inches before planting.

ROSES: Black spot, Botrytis blossom blight—Use 2 pounds. Begin at first growth of new signs of disease. Repeat at 7 to 14 day intervals, and more frequently during frequent rains and heavy dew.

SOIL AND GREENHOUSE BENCH TREATMENT: Preplanting for damping-off and root rot diseases on seedlings or transplants of roses (and other shrubs, trees, flowers). Lawn seedbeds, vegetables (such as beans, celeris, crucifers, eggplant, peas, peppers, tomatoes)—Use 2 pounds per 100 gallons water at rate of 15 gallons per 1,000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

Only the applicator is permitted to be in the greenhouse during application of captan to soil. Open vents to greenhouse during application and for at least 1 hour after application. Workers planting in captan-treated soil in greenhouses must wear gloves impermeable to captan.

WARRANTY

Platte Chemical Co. warrants that the material conforms to the chemical description on the label and is reasonably fit for the purposes related to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as all for example incompatibility with other products, the manner of use or application, or the presence of other products or materials in or on the soil or crop. Platte Chemical Co. makes no other basis or implied warranty of fitness of material or of the product. The exclusive remedy of the user in the event of loss from the use of handling of this product shall be the purchase price paid by the user. No other remedy or recovery of the product involved. The buyer and all users are deemed to have accepted the terms of this notice, which may not be varied by any verbal or written agreement.

FORMULATED FOR PLATTE CHEMICAL COMPANY, INC.
150 SO. MAIN STREET FREDMONT, NEBRASKA 68603