

34704-427

02/09/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
34704-427

Date of Issuance:  
FEB 9 2007

NOTICE OF PESTICIDE:  
       Registration  
XX Reregistration  
(under FIFRA, as amended)

Terms of Issuance:  
Unconditional

Name of Pesticide Product:  
CAPTAN 50-W

Name and Address of Registrant (include ZIP Code):  
Loveland Products, Inc.  
P.O. Box 1286  
Greeley, CO 80632-1286

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.


Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document for Captan, EPA has reregistered the product listed above provided that the following changes are made to the label:

1. The "First Aid" section should be placed within a box.
2. Reduce the use of "0.6 ounce (0.3 ounce ai) per gallon" to "0.4 ounce (0.2 ounce ai) per gallon" under the Azaleas and Chrysanthemum sections.
3. Replace the "Warranty Disclaimer and Notice" statements with the "Conditions of Sale and Limitation of Warranty and Liability" language previously agreed on in the letter dated March 9, 2006 from the EPA to Loveland Products.

This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted with Comments" is enclosed for your records.

Signature of Approving Official:  
  
Cynthia Giles-Parker, Chief  
Registration Division, Fungicide Branch

Date:  
FEB 9 2007

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# CAPTAN 50-W

## For Agricultural or Commercial Use only

| ACTIVE INGREDIENTS:  | BY WT.  |
|--|---------|
| Captan (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide) ..... | 48.93%  |
| Related Derivatives .....  | 1.07%   |
| INERT INGREDIENTS: .....   | 50.00%  |
| TOTAL  | 100.00% |

## KEEP OUT OF REACH OF CHILDREN WARNING—AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

### FIRST AID

#### If in eyes:

- Hold eyes open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
- Call a poison control center or doctor for treatment advice.

#### If inhaled:

- 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.
- Call a poison control center or doctor for further treatment advice.

#### If swallowed:

- 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 person.

#### If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:**  
1-800-301-7976.

See Below for Additional Precautionary Statements

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EPA EST. NO. \_\_\_\_\_

NET WEIGHT \_\_\_\_\_ LBS. (\_\_\_\_\_ KG)

IHT

EXP 07G05

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

### WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear long-sleeved shirt and long pants, socks and shoes and goggles or face shield.

#### Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are Butyl Rubber > 14 mils, Natural Rubber > 14 mils or Viton > 14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, and other handlers (including handlers participating in seeding and transplanting as part of root-dip or greenhouse-soil treatments)

must wear: long-sleeved shirt and long pants, shoes plus socks, chemical resistant gloves, goggles or face shield **except for applicators driving motorized ground equipment**, chemical resistant apron when mixing/loading, participating in dip treatments, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate, NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N2, R, P, or HE filter when mixing/loading, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

See engineering controls for additional options.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Engineering controls statements:

When handlers use closed systems or enclosed cabs, in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or 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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarse spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

Do not apply this product with aerial application or chemigation equipment.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

1 FEB 9 2017

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide

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**CAPTAN 50-W**  
**EPA REG. NO. 34704-427**

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the directions for use associated with each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water: is coveralls, protective eyewear, chemical-resistant gloves made of any water-proof material, and shoes plus socks.

**Eye-Protection:** To mitigate eye irritation concerns from post-application exposures, the Agency is requiring that, for at least seven days following the application of captan: (1) at least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and (2) workers must be informed orally, in a manner they can understand:

- that residues in the treated area may be highly irritating to their eyes,
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
- that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
- how to operate the eyeflush container.

**Double Notification:** Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the worker protection standard for agricultural pesticides (40CFR Part 170). The WPA applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. **To confine spill:** If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** 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 and ornamental crops, and as a soil treatment for the control of certain seed rots and damping-off diseases.

**NOTE TO USER:**

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.

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

**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 fine materials. Alkaline materials such as spray lime, lime-sulfur and bordeaux. ure will reduce the fungicidal activity of captan.

Do not apply captan in combination with or immediately before or closely following oil sprays. 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 higher rates or in drenching sprays, captan 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 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.

**MIXING INSTRUCTIONS—TYPES OF APPLICATIONS**

Applications can be made only by ground power equipment (including concentrate and semi-concentrate equipment), unless otherwise specified within the crop claim. 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 information.)

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

**RECOMMENDATIONS**

Unless otherwise specified, rates are given in terms of CAPTAN 50-W per 100 gallons water for fruit and nut crops and ornamentals. 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.

**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 twig and Blossom blight, Shot hole, Scab, Leaf blight—Use 2 to 3 lbs. (1 to 1.5 lb. ai). Apply at popcorn, bloom, and petal fall stages and up to 5 weeks after petal fall. The maximum application rate for almonds is 9 lbs./acre (4.5 lbs. ai/acre), with a maximum seasonal application rate of 40 lbs. (20 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 30 days. Note the Restricted Entry Interval (REI) is 24 hours. Almond hulls may be fed to livestock.

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

**APPLES (Eastern U.S.):** Primary scab, Black rot (frog-eye), Botrytis blossom rot—Use 1.5 to 2 lbs. (0.75 to 1 lb. ai) at 5 to 7 day intervals as needed to maintain cover in prebloom, bloom, petal fall and first cover sprays. Use at 2 lb. (1 lb. ai) 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, Botrytis rot, Bitter rot—Use 1 to 2 lbs. (0.5 to 1 lb. ai) at 10 to 14 day intervals in second and later cover sprays up to start of harvest. The maximum application rate for apples is 8 lbs./acre (4 lbs. ai/acre), with a maximum seasonal application rate of 64 lbs./acre (32 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval is 24 hours. Powdery mildew—Add 1.5 to 3 lbs. sulfur to all post bloom sprays until the foliage matures. Do not use captan in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staymen, Baldwin, King, etc., as severe injury and defoliation may occur.

**APPLES (Western U.S.):** Apple scab—In preblossom sprays, use 2 lbs. (1 lb. ai) per 100 gallons of water in high volume application. In low volume sprays apply 8 lbs. (4 lbs. ai) per acre. In mid-summer, the dosage may be reduced to 1 lb. (0.5 lb. ai) per 100 gallons in high volume application. Low volume applications of 8 lbs. (4 lbs. ai) per acre may be made. **(Pacific Northwest):** Bull's eye rot, Botrytis rot—Use 2 lbs. (1 lb. ai) per 100 gallons spray. Make 1 to 2 applications with late cover sprays and 1 to 2 preharvest applications. The maximum application rate for apples is 8 lbs./acre (4 lbs. ai/acre), with a maximum seasonal application rate of 64 lbs./acre (32 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval is 24 hours.

**APRICOTS:** Brown rot (twig blight), Jacket rot—Use 5 lbs. (2.5 lbs. ai) per acre in 20 to 250 gallons of water. Apply by ground application only. Apply in red bud, bloom, 75% petal fall, and cover stages. The maximum application rate for apricots is 5 lbs./acre (2.5 lbs. ai/acre), with a maximum seasonal application rate of 25 lbs./acre (12.5 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**BLUEBERRIES (Western U.S.) (Except California):** Botrytis blossom blight and Fruit rot, Mummy berry—Apply 2 to 5 lbs. (1 to 2.5 lbs. ai) per acre. Begin applications at mid-bloom and repeat at 7 to 14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per

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acre. The maximum application rate for blueberries is 5 lbs./acre (2.5 lbs. ai/acre), with a maximum seasonal rate of 70 lbs./acre (35 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 48 hours.

**BLUEBERRIES (Eastern U.S.):** Botrytis blossom blight and Fruit rot. Mummy berry—Apply 5 lbs. (2.5 lbs. ai) per acre. Begin applications when buds swell or when buds have loose scale and repeat at 7 to 14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per acre. The maximum application rate for blueberries is 5 lbs./acre (2.5 lbs. ai/acre), with a maximum seasonal rate of 70 lbs./acre (35 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 48 hours.

**CHERRIES (Eastern U.S.):** Brown rot, Leaf spot, Botrytis rot—Use 2 lbs. (1 lb. ai) 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 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 lbs. sulfur to the petal fall, shuck and early cover sprays. If sulfur is added, captan may be reduced to 1 lb. (0.5 lb. ai) in these sprays. Apply by ground application only. Post harvest sprays—Apply 2 lbs. (1 lb. ai) immediately after harvest for leaf spot. Repeat applications in 10 to 14 days. Apply by ground application only. The maximum application rate for cherries is 4 lbs./acre (2 lbs. ai/acre), with a maximum seasonal application rate of 28 lbs./acre (14 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**CHERRIES (Western U.S.):** Brown rot, Blossom blight, Brown rot (fruit), Leaf spot—Use 2 lbs. (1 lb. ai) in prebloom, bloom, petal fall, shuck, cover and preharvest sprays. Apply by ground application only. The maximum application rate for cherries is 4 lbs./acre (2 lbs. ai/acre), with a maximum seasonal application rate of 28 lbs./acre (14 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**GRAPES (Eastern U.S.):** Black rot, Downy mildew—Use 2 lbs. (1 lb. ai) 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. Phomopsis cane and Leaf spot (Current season infection)—Use 2 to 4 lbs. (1 to 2 lbs. ai) per 100 gallons dilute spray. Apply 50 gallons per acre when shoots are 1/2 to 1 inch long. Repeat application when shoots are 4 to 6 inches long. The maximum application rate for grapes is 4 lbs./acre (2 lbs. ai/acre), with a maximum seasonal application rate of 24 lbs./acre (12 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval is 48 hours.

**GRAPES (California):** Bunch rot (Botrytis)—Apply 2 lbs. (1 lb. ai) per acre. Make 2 applications before bloom and 1 just after bloom. Repeat periodically making 3 cover applications before the bunches close. Phomopsis cane and Leaf spot (Current season infection)—Apply 4 lbs. (2 lbs. ai) per 100 gallons spray. Apply 3 to 4 lbs. (1.5 to 2 lbs. ai) per acre by ground equipment. Apply first spray when green tissue begins to show but before shoots are 1 inch long. Apply a second spray when shoots are 6 to 8 inches long. The maximum application rate for grapes is 4 lbs./acre (2 lbs. ai/acre), with a maximum seasonal application rate of 24 lbs./acre (12 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval is 48 hours.

**PEACHES, NECTARINES:** Brown rot, Scab—Use 2 lbs. (1 lb. ai) in full pink, 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 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. If powdery mildew is a problem, add 3 lbs. sulfur to the petal fall, shuck and early cover sprays. Coryneum blight (peach blight, shothole)—Use 2 lbs. (1 lb. ai), apply in pink bud, full bloom, petal fall and cover periods as necessary. Apply by ground application only. The maximum application rate for peaches is 8 lbs./acre (4 lbs. ai/acre), with a maximum seasonal application rate of 64 lbs./acre (32 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours. The maximum application rate for nectarines is 8 lbs./acre (4 lbs. ai/acre), with a maximum seasonal application rate of 48 lbs./acre (24 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**PLUMS, FRESH PRUNES (Eastern U.S.):** Brown rot—Use 2 lbs. (1 lb. ai) in full pink, bloom, petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain cover. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. Apply by ground application only. The maximum application rate for plums/fresh prunes is 6 lbs./acre (3 lbs. ai/acre), with a maximum seasonal application rate of 54 lbs./acre (27 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**PLUMS, FRESH PRUNES (Western U.S.):** Brown rot—Use 2 lbs. (1 lb. ai). Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant. Prune russet scab (Lacy scab) (California)—Apply 2 lbs. (1 lb. ai) per 100 gallons water (pounds per acre). Apply at full bloom. Apply by ground application only. The maximum application rate for plums/fresh prunes is 6 lbs./acre (3

lbs. ai/acre), with maximum seasonal application rate of 54 lbs./acre (27 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours.

**STRAWBERRIES:** Botrytis (gray mold), leaf spot—Apply 4 to 6 lbs. (2 to 3 lbs. ai) 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. The maximum application rate for strawberries is 6 lbs./acre (3 lbs. ai/acre), with a maximum seasonal application rate of 48 lbs./acre (24 lbs. ai/acre) per crop cycle\*. Preharvest interval (PHI) = 0 days. Note the Restricted Entry Interval (REI) is 24 hours. Under conditions favorable to fruit rot continue applications through harvest period treating immediately after each picking. If this product is to be applied by directed or banded sprays use the following formula to calculate the rate.

$$\text{Banded rate of product per acre} = \frac{\text{Plant bed width (inches)}}{\text{Row spacing (inches)}} \times \frac{\text{Broadcast rate per acre}}{\text{per acre}}$$

\* Crop cycle is defined as prebloom through postharvest.

### SPECIAL USES

**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: Apples, Cherries, Pears—Use 2.5 lbs. (1.25 lb. ai) per 100 gallons of water. For use in mechanical fruit-dip operations only. Hand dipping of fruit is prohibited. Apply 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 lb. (0.5 lb. ai) 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 operation.

**Entry Restrictions for Postharvest Fruit Dip:** Do not contact or allow others to contact the treated fruit until sprays have dried.

Note the Restricted Entry Interval is 48 hours for soil treatments and root dips.

### ORNAMENTALS

- **ENTRY RESTRICTIONS:** Do not enter or allow others to enter until sprays have dried.
- 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.
- Do not apply to lawns.

**AZALEAS:** Damping-off of cuttings—Use 0.6 ounce (0.3 ounce ai) per gallon of water. Dip cuttings before bedding. Petal Blight—Use 0.4 ounce (0.2 ounce ai) per gallon of water. 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 2.4 ounces (1.2 ounces ai) per gallon of water. Dip tubers for 30 minutes, drain and plant.

**CAMELLIAS:** Petal Blight—Use 1 lb. (0.5 lb. ai) per gallon of water. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 14 day intervals through bloom.

**CARNATIONS:** Alternaria leaf spot, Rust—Use 0.4 ounce (0.2 ounce ai) per gallon of water. Begin at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews. Damping-off of cuttings—Use 0.6 ounce (0.3 ounce ai) per gallon of water. Dip cuttings before bedding.

**CHRYSANTHEMUM:** Botrytis flower blight, Septoria leaf spot—Use 0.4 ounce (0.2 ounce ai) per gallon of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals. Damping-off of cuttings—Use 0.6 ounce (0.3 ounce ai) per gallon of water. Dip cuttings before bedding.

**GLADIOLUS (CORMS):** Corm rot and decay, Damping-off—Use 0.6 ounce (0.3 ounce ai) per gallon of water. Dip corms 20 to 30 minutes. Drain and plant.

**ROSES:** Black spot, Botrytis blossom blight—Use 0.4 ounce (0.2 ounce ai) per gallon. 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.

**Soil and Greenhouse Bench Treatment:** Preplanting for damping-off and root rot diseases on seedlings or transplants of roses (and other shrubs, trees and flowers), (Lawn seedbeds)—Use 2 lbs. (1 lb. ai) per 100 gallons of water at the rate of 15 gallons per 1,000 square feet. Cultivate into the upper 3 to 4 inches of soil before planting.

Only the applicator is permitted to be in the greenhouse during application of captan. Open vents to greenhouse during application and for at least 1 hour after application.

Workers planting in captan-treated soil must wear chemical resistant gloves.

### WARRANTY DISCLAIMER AND NOTICE

THE DIRECTIONS FOR USE OF THIS PRODUCT ARE BELIEVED TO BE ADEQUATE AND SHOULD BE FOLLOWED CAREFULLY. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT DUE TO SUCH FACTORS AS WEATHER CONDITIONS,

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PRESENCE OR ABSENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF LOVELAND PRODUCTS INC., THE MANUFACTURER OR SELLER.

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