

802-154

PM 23

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MILLER'S
CAPTAN 50W
(50% CAPTAN Wettable Powder)

FUNGICIDE
for
Plant Disease Control
of
Fruits - Strawberries
Vegetables - Flowers
Turfs and Lawns

DANGER - Keep out of reach of children

See back panel for additional cautions

ACTIVE INGREDIENT:

- *Captan 48.9%
- Related Derivatives 1.1%
- INERT INGREDIENTS 50.0%
- *N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
- TOTAL 100%

NET WEIGHT 4 LBS.

Per self Cert. PFM
 OCT 26 1987
 U.S. DEPARTMENT OF AGRICULTURE
 PHILADELPHIA, PA.
 802-154

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND 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 in eyes: Flush with plenty of water. Call a physician. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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.

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The areas being treated must be vacated by unprotected persons.

Do not allow persons to enter treated areas within 4 days following application unless a long-sleeved shirt and long pants or coverall that covers all parts of the body except the head, hands and feet and chemically resistant gloves are 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.

Conspicuously post re-entry information at site of application.

Written and oral warnings must be given to workers who are expected to be in a treated area or an area about to be treated.

Give specific warnings which inform workers of areas or fields that may not be entered without specific protective clothing, the period of time field must be vacated, and appropriate actions to take in case of accidental exposure.

Written warnings must include the following information: DANGER. Area treated with CAPTAN 50W on (date and time of application). Do not enter without full protective clothing until sprays have dried (or dusts have settled).

DIRECTIONS FOR USE

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

MIXING DIRECTIONS

Add the required amount of this material to surface of water in nearly filled spray tank, or pre-mix with water in a bucket to form a slurry and pour mixture through screen into nearly filled spray tank. Add balance of water for required amount of spray. Maintain continuous agitation during filling, mixing, and spraying operations. Never spray until mixture is thoroughly suspended. Do not use in low volume gear-type spray equipment.

Do not combine wettable powders with emulsified liquids in same spray tank unless previous use has proved them to be physically compatible, and not phytotoxic to plants.

USE PRECAUTIONS

Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.

Mixers/loaders when mixing and loading this product must wear a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles, or a face shield and chemically resistant apron.

Fieldworkers and harvesters must wear chemical resistant gloves. Leather or fabric gloves are not acceptable. A dust mask must be worn when mixing and loading this product.

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

During application only, from a tractor with a completely enclosed cab or from an aircraft with an enclosed cockpit, a long-sleeved shirt and long-legged pants must be worn. Chemically resistant gloves must be available in the cab or cockpit and worn while exiting.

PEACHES, APRICOTS - Brown Rot Blossom Blight: Apply at rate of 2 lbs. per 100 gal. of water. Spray to obtain thorough coverage in the Pink,

Full-Bloom, and Petal-Fall stages of blossom development. Repeat applications at 7 to 14-day intervals as needed to continue protective cover.

CHERRIES - Cherry Leaf Spot, Brown Rot Blossom Blight: Apply at the rate of 2 lbs. per 100 gal. of water. Spray to obtain thorough coverage at the Pink, Full-Bloom, and Petal-Fall stages of blossom development to control blossom blight. Post-harvest sprays for control of leaf spot, apply at the rate of 2 lbs. per 100 gal. of water immediately after harvest and repeat at 10-day intervals as needed.

STRAWBERRIES - Botrytis Fruit Rot: Apply at the rate of 5 lbs. per acre in sufficient water (100 to 150 gal.) to obtain thorough coverage. Make first application as new growth starts in spring before fruit forms. Repeat as soon as possible after each rainy period or at least once during each 14-day period. Under severe infection conditions, continue application through harvest. Do not apply more than twice during any 6-day period.

TOMATOES - Early and Late Blight, Anthracnose, Septoria Leaf Spot: Apply at the rate of 4 to 5 lbs. per acre in sufficient water (100 to 200 gal.) to obtain thorough coverage. Under severe infection conditions, increase application to 8 lbs. per acre. Apply at first sign of infection and repeat at weekly intervals as needed to maintain control.

CUCURBITS - (Cantaloupes, Cucumbers) - Angular Leaf Spot, Anthracnose, Downy Mildew: Apply at the rate of 4 lbs. per acre in sufficient water to assure thorough coverage. Begin applications at first sign of disease. Repeat at 5 to 7-day intervals or as needed to maintain control

TURFS, LAWNS - Brown Patch, Leaf Spot, Damping-Off, Root Rot: Use at the rate of 2 lbs. per 100 gal. of water (4 teaspoons per gallon). Apply 10 gallons of spray solution to each 1,000 sq. ft. of turf or lawn area. Begin treatments when infection occurs. Repeat at 7 to 10-day intervals throughout summer as needed. Do not graze treated areas. Do not feed clippings to livestock.

AZALEAS, CARNATIONS, CHRYSANTHEMUMS - Damping-Off on Cuttings: Dip cuttings in a suspension of 4 lbs. per 100 gal. of water (8 teaspoons per gallon) before bedding. Keep solution agitated.

ROSES (Black Spot) - CARNATIONS (Rust, Leaf Spot) - CHRYSANTHEMUMS (Flower Blight): Apply at rate of 2 lbs. per 100 gal. of water (4 teaspoons per 1 gallon). Spray to obtain thorough coverage at first sign of disease and repeat at 7 to 10-day intervals or to maintain protective cover.

Consult State Agricultural Experiment Station or State Extension Service Authorities for exact timing and spacing of sprays in your area.

PLANT SAFETY AND COMPATIBILITY Captan 50W can be combined with plant safety and effectively at recommended dosages with most commonly used fungicides and insecticides with the exception of oil and strongly alkaline materials including calcium arsenate. Captan acts as a safener for lead arsenate but not Calcium Arsenate. Spray injury may result if Captan is used with, immediately before or closely following an oil spray. Strongly alkaline materials such as hydrated lime, lime-sulphur and bordeaux mixture reduce the fungicidal activity of Captan. Used at high rates or in drenching sprays, Captan may cause a necrotic spotting of tender immature leaves on certain immature varieties of peaches and

cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy weather. To reduce the hazard of leaf spotting under such conditions use Captan and other spray materials at lowest recommended rates and avoid drenching trees.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

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.

Filled by weight not by volume. Product may settle after packaging.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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EPA Est. 802-OR-1
EPA Reg. No. 802-154

Revised 10-6-87

