

PM 23

19713-268

10/14

SEP 16 1994

Ms. Barbara Brown
Drexel Chemical Company
P.O. Box 9306
2487 Pennsylvania St.
Memphis, TN 38190-0306

Dear Ms. Brown:

Subject: IDA Captan 50W Fungicide
EPA Registration No. 19713-268
Application Dated September 1, 1994, Resubmission of
Amended Labeling To Respond to June 16, 1994
Agency Letter Regarding Overtolerance of
Captan Residues in Strawberries, To Delete
"For Terrestrial Uses" from Wetland Statement
and To Add the Strawberry "Exception" to the
NPS Agricultural Use Requirement Section

The proposed labeling submitted with your application dated September 1, 1994 to amend the subject pesticide product registration is acceptable under the Federal Insecticide, Fungicide and Rodenticide Act as amended provided that you revise the labeling as described below:

1. Add the following statements to the Use Precautions section: "maximum application is for a crop cycle. Crop cycle is defined as prebloom through postharvest."
2. Submit one (1) copy of the final printed label before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

E.wilson:Diskette Captan 09-14-94

SEP 16 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

19713-268

IDA
CAPTAN 50W

A Fungicide For Plant Disease Control

Captan 50W is a microfine wettable powder for use in water as a spray for the control of certain fungal diseases of fruit, and ornamental crops, and as a soil treatment for the control of certain seed rots and damping-off diseases.

ACTIVE INGREDIENTS:

*Captan.....	48.9%
Related Derivatives.....	1.1%
INERT INGREDIENTS:.....	50.0%
TOTAL	100.0%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

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.)

STATEMENT OF PRACTICAL TREATMENT

FIRST AID

If a known exposure occurs or is suspected, immediately start the procedures given below and contact a POISON CENTER, PHYSICIAN, OR THE NEAREST HOSPITAL. Describe the type and extent of exposure, the victim's symptoms and follow the advice given.

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.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE.

EPA Reg. No. 19713-268
EPA Est. No. 19713-GA-1
REVISED: August 31, 1994
Drexel Chemical Company
P.O. Box 9306
Memphis, TN 38109
WPS REVISIONS/DELETIONS
AMENDMENT: AGENCY LTR 5/27/94 and 6/16/94

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing. Avoid inhalation of dust or spray mist.

PERSONAL PROTECTIVE EQUIPMENT
 Applicators and other handlers must wear:
 Long-sleeved shirt and long pants
 Waterproof gloves
 Shoes plus socks
 Protective eyewear
 Chemical resistant apron when cleaning equipment, mixing or loading
 Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the 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
 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 Remove clothing immediately if pesticides gets inside. Then wash thoroughly and put on clean clothing.
 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 pesticide is toxic to fish. Do not apply directly to water or 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 by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

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.

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), and restricted-entry interval. The requirements in this box only 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) or 4 days.

EXCEPTION: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil, or water, without time limit, if they wear the early-entry personal protective equipment listed below.

EXCEPTION: The restricted entry interval (REI) for STRAWBERRIES is 24 hours. After expiration of the 24 hour period, no personal protective equipment is required.

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, Waterproof gloves, Shoes plus socks and Protective eyewear

Notify workers of the application by warning them orally or by posting warning signs at entrances to treated area.

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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. Drift of Captan on sensitive crops (e.g. D'Anjou Pears) can cause severe phytotoxicity and crop loss.

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

COMPATIBILITY AND PLANT SAFETY: CAPTAN 50W 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. 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 high rates or in drenching sprays, CAPTAN may cause 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.

Applications can be made by aircraft or ground power equipment (including concentrate and semi-concentrate equipment). 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 wetttable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read compatibility and plant safety information).

For aerial or concentrate spray applications, apply the same amount of CAPTAN 50W per acre as would normally be applied for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage. Use spray volumes of 5 to 20 gallons per acre for aerial applications. Do not apply this product through any type of irrigation system.

Use Precautions

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, application can be made on the day of harvest. Apply the high rate when climatic conditions most favor disease(s) and the low rate when climatic conditions least favor disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions.

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.

FRUIT AND NUT CROPS

ALMONDS: Brown rot twig and blossom blight, shothole, scab, leaf blight -- Apply 4 to 10.4 pounds CAPTAN 50W per acre in 20 to 300 gallons of water using ground equipment or in 5 to 10 gallons of water by air. Use 6 to 9 pounds per acre when Captan is used alone. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, CAPTAN 50W may be used in a tankmix at a rate of 4 to 6 pounds per acre. Apply at popcorn, bloom and petal fall stages and up to 5 weeks after petal fall. Do not apply within 30 days of harvest. Hulls may be fed to livestock. Do not apply more than 52.5 pounds per acre per crop cycle (see USE PRECAUTIONS section for definition of crop cycle).

APPLES (EASTERN U.S.): Primary scab, black rot (frog-eye), botrytis blossom-end-rot -- Apply 8 pounds CAPTAN 50W per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Apply at 5 to 7 day intervals as needed to maintain control in prebloom, bloom, petal fall and first cover sprays.

Secondary scab, Brooks fruit spot, sooty blotch, fly speck, black rot, black pox, botryosphaeria rot, bitter rot -- apply 4 to 8 pounds CAPTAN 50W per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Apply at 10 to 14 day intervals in second and later cover sprays. Do not apply more than 64 pounds of CAPTAN 50W per acre per crop cycle. May be applied up to start of harvest.

Powdery mildew -- If powdery mildew is a problem add 6 to 12 pounds sulfur per acre to all postbloom sprays until foliage matures. ~~or 1 to 2 pounds of Karathane per acre to all postbloom sprays until foliage matures. Use 2 pounds Karathane per acre if interval between sprays is longer than 7 days.~~ CAUTION -- Do not use CAPTAN 50W 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.): Primary scab -- Apply 4 to 8 pounds CAPTAN 50W per acre in 20 to 400 gallons of water per acre using ground equipment or in 5 to 20 gallons of water by air. To reduce the potential for disease resistance development to other fungicides, having a similar spectrum, the lower rate maybe used in tank mixtures. ~~a high volume application for preblossom sprays. In mid-summer, the dosage may be reduced to 4 pounds per acre in high volume applications.~~ (Pacific Northwest): Bull's eye rot, Botrytis rot -- Apply 6 pounds CAPTAN 50W per acre in 20 to 400 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Make 1 or 2 applications with late cover sprays and 1 final spray prior to harvest. ~~For aerial or concentrate spray applications, apply the same amount of CAPTAN 50W per acre as would normally be applied for dilute sprays in a minimum of 10 gallons of spray.~~ Do not apply more than 64 pounds of CAPTAN 50W per acre per crop cycle. May be applied up to day of harvest.

Secondary scab -- In mid-summer cover sprays, the dosage maybe reduced to 4 pounds per acre.

APRICOTS: Brown rot (twig blight), jacket rot -- Apply 3 to 5 pounds CAPTAN 50W per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in red bud, bloom, 75% petal fall, and cover sprays. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures. Do not apply more than 25 pounds per acre per crop cycle. May be applied up to day of harvest.
DO NOT AERIALY APPLY TO APRICOTS.

BLUEBERRIES (WESTERN U.S.): Botrytis gray mold or berry rot, mummy berry -- Apply 2 to 5 pounds CAPTAN 50W per acre in 20 to 200 gallons of water by ground or in 5 to 20 gallons of water by air. Begin at mid-bloom, repeat at 7 to 10 day intervals until maturity. Do not apply more than 70 pounds per acre per crop cycle. May be applied up to day of harvest.

BLUEBERRIES (EASTERN U.S.): Botrytis gray mold or berry rot, mummy berry -- Apply 5 pounds CAPTAN 50W per acre in sufficient water for thorough coverage or a minimum of 5 gallons of water by air. Start spray program when buds swell or when buds have loose scales. Repeat at 7 day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom.

Do not apply more than 70 pounds per acre per crop cycle. May be applied up to day of harvest.

CHEERIES (EASTERN U.S.): Brown rot, leafspot, Botrytis rot -- Apply 4 pounds CAPTAN 50W per acre in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in pre-bloom, 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 20 day intervals as needed to maintain control up to start of harvest. If powdery mildew is a problem add 6 lbs. sulfur per acre to the petal fall, shuck or early cover sprays. If sulfur is added, CAPTAN 50W may be reduced to 2 pounds per acre in these sprays. Do not apply more than 28 pounds per acre per crop cycle. May be applied up to day of harvest.

Post harvest sprays: leaf spot -- Apply 4 pounds CAPTAN 50W per acre in 20 to 200 gallons of water using ground equipment. Apply immediately after harvest and repeat application in 10 to 14 days.

CHERRIES (WESTERN U.S.): Brown rot blossom blight, brown rot (fruit), leaf spot -- Apply 3 to 4 pounds CAPTAN 50W per acre in 20 to 200 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in pre-bloom, bloom, petal fall, shuck, cover and preharvest sprays. Do not apply more than 28 pounds per acre per crop cycle. May be applied up to day of harvest.

GRAPES (U.S., except CA): Phomopsis cane and leaf spot, downy mildew, suppression of black rot -- Apply 2 to 4 pounds CAPTAN 50W per acre in 20 to 200 gallons water using ground equipment or in 7 to 20 gallons of water by air; when shoots are 1/2 to 1-1/2 inches long, when shoots are 3-5 inches long, and when shoots are 9-12 inches long. Repeat just before bloom, immediately after bloom, and continue at 10 - 14 day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible grape varieties and during periods of weather highly favorable for disease development. Do not apply more than 24 pounds of CAPTAN 50W per acre per crop cycle. May be applied up to day of harvest.

GRAPES (CALIFORNIA): Bunch rot (Botrytis) -- Apply 4 pounds CAPTAN 50W per acre in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air. Make 2 applications before bloom and 1 immediately after bloom. Repeat periodically, making 3 cover applications before the bunches close. Phomopsis cane and leaf spot (current season infection) -- Apply 3 to 4 pounds CAPTAN 50W per acre in 20 to 200 gallons of water using ground equipment or apply 4 pounds CAPTAN 50W per acre in 7 to 20 gallons of water by aircraft. Apply first spray when green tissue begins to show but before shoots are 1 inch long and repeat applications when shoots are 6 to 8 inches long. Do not apply more than 24 pounds of CAPTAN 50W per acre per crop cycle. May be applied up to day of harvest.

NECTARINES: Brown rot, scab -- Apply 4 to 8 pounds CAPTAN 50W per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. To reduce the potential for disease resistance development to other fungicides having a 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 throughout harvest if conditions favor brown rot. If powdery mildew is a problem, add 7-1/2 pounds sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, CAPTAN 50W may be reduced to 2-1/2 pounds per acre in these sprays.

Coryneum blight (peach blight, shothole) -- Apply 4 to 8 pounds CAPTAN 50W per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in pink bud, full bloom, petal fall and cover sprays as necessary and as a post harvest spray (but before leaves drop). Do not apply more than 48 pounds per acre per crop cycle (including postharvest sprays). Preharvest sprays may be applied up to day of harvest.

PEACHES: (U.S.): Brown rot, scab -- Apply 4 to 8 pounds CAPTAN 50W per acre in 20 to 400 gallons of water using ground equipment or in 10 to 20 gallons of water by air. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rates of CAPTAN 50W in tankmixes. Apply in full pink, bloom, petal fall, shuck stages and in cover and preharvest sprays. When conditions are favorable, make applications at 3 to 4 day intervals during bloom to control blossom blight. Then 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 12 pounds sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, CAPTAN 50W may be reduced to 4 pounds per acre in these sprays. For aerial or concentrate spray applications, apply the same amount of CAPTAN 50W per acre as would normally be applied for dilute spray in a minimum of 10 gallons of spray.

Coryneum blight (peach blight, shothole) -- Apply 6 pounds CAPTAN 50W per acre in 20 to 400 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in pink bud, full bloom, petal fall stages and cover sprays as necessary and as a post harvest spray (but before leaves drop). Do not apply more than 64 pounds per acre per crop cycle (including postharvest sprays). Preharvest sprays may be applied up to day of harvest.

PEACHES-(NUSSERY-STOCK)-(CALIFORNIA)-Preventative-preplant-dip-treatment-for crown-gall--Use-4-pounds-CAPTAN-50W-plus-3-2-pints-diluted-sodium hypochlorite-(5-25% household bleach)-per-100-gallons-water--Wash nursery-trees-to-remove-soil-from-roots--Cut-off-all-dormant-bud 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-

PLUMS, BERRY PRUNES (EASTERN U.S.): Brown rot -- Apply 6 pounds CAPTAN 50W per acre in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply in full pink, bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. Do not apply more than 64 pounds per acre per crop cycle. May be applied up to day of harvest.

PLUMS, FRESH PRUNES (WESTERN U.S.): Brown rot -- Apply 4 to 6 pounds CAPTAN 50W per acre in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Use lower rates when tankmixes with fungicides of similar spectrum of activity are used. Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant. Prune russet scab (lacy scab) -- Apply 4 to 6 pounds CAPTAN 50W per acre in 20 to 300 gallons of water using ground equipment. Apply at full bloom. Do not apply more than 54 pounds per acre per crop cycle. May be applied up to day of harvest.

STRAWBERRIES: Botrytis (gray mold), leaf spot -- Apply by broadcast sprays 3 to 6 pounds CAPTAN 50W per acre in sufficient water for thorough coverage by ground equipment or in 10 to 20 gallons of water by air. Begin applications when new growth starts in the spring and before fruit starts to form. Repeat at weekly 7 to 14 day intervals. Under conditions favorable to fruit rot continue applications through harvest period treating immediately after each picking. Do not exceed 48 pounds CAPTAN 50W per acre per year. May be applied up to day of harvest. Restricted-entry interval is 24 hours.

If apply as a directed/banded spray; use band rate of CAPTAN 50W according to the following formula:

$$\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast rate per acre} = \text{Banded rate of CAPTAN 50W per acre.}$$

SPECIAL USES

PEACH PREPLANT ROOT DIP (California): Preventative preplant dip treatment for crown gall. Use 4 pounds CAPTAN 50W plus 3.2 pints diluted sodium hypochlorite (5.25% household bleach) per 100 gallons of 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 at a rate of 3.2 pints diluted sodium hypochlorite per 100 gallons of water.

POST HARVEST DIP: For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus). Use as a post harvest dip or spray wash on the following fruits: Apples, Cherries, Pears -- Use 2-1/2 pounds CAPTAN 50W per 100 gallons of water. Apply as a spray or in a 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 2-1/2 pound CAPTAN 50W for each 100 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.

DISPOSAL OF LEFTOVER POSTHARVEST TREATMENT MIXTURE: Leftover dip or spray mixtures containing Captan may be used as a foliar spray for the same crop in case of apples and cherries (but not pears) as treated by the dip or spray mixture, or to registered turf and ornamentals sites; observing all restrictions such as maximum pounds applied per application and season.

When calculating application rates, if analytical services are not available to determine the exact quantity of Captan remaining in the mixture, assume that the tank still contains 2-1/2 pounds of CAPTAN 50W per 100 gallons of water. If the dip or spray mixture contains other pesticides in addition to Captan, refer to the product label(s) for information regarding disposal.

CAPTAN wastes are acutely hazardous. Improper disposal of spray or dip tank mixtures is a violation of federal law. Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance concerning the disposal of spent or excess dip tank mixtures.

ORNAMENTALS

Use Precautions

Do not apply spray to ornamental plants listed below beyond the point of drip from the leaf surface. When applying as a drench, apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot of area.

AZALEAS: Damping-off of cuttings -- Use 4 pounds CAPTAN 50W per 100 gallons of water. Dip cuttings before bedding. Petal blight - Use 2 lbs. CAPTAN 50W per 100 gallons 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 4 pounds CAPTAN 50W per 100 gallons of water. Dip tubers 30 minutes, drain and plant.

CAMELIAS: Petal blight -- Use 1 pound CAPTAN 50W per 100 gallons of water. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

CANNATIONS: Alternaria leaf spot, rust -- Use 2 pounds CAPTAN 50W per 100 gallons of water. Begin applications 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 4 pounds CAPTAN 50W per 100 gallons of water. Dip cutting before bedding.

CHRYSANTHEMUM: Botrytis flower blight, Septoria leaf spot -

Use 2 pounds CAPTAN 50W per 100 gallons of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals. Damping-off cuttings -- Use 4 lbs. CAPTAN 50W per 100 gallons of water. Dip cutting before bedding.

DICHONDRA (CALIFORNIA ONLY): White mold (*Sclerotium rolfsii*) -- Use 2 pounds CAPTAN 50W per 100 gallons of water. Apply 1 gallon spray per 10 square feet. Make 2 to 3 applications at 7 day intervals.

GLADIOLUS (CORMS): Corm rot and decay, damping-off -- Use 1/2 to 1-1/2 pounds CAPTAN 50W 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 CAPTAN 50W per 100 gallons of water. 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 1/4 to 1/3 pound CAPTAN 50W per 1,000 square feet or 2 pounds CAPTAN 50W per 100 gallons of water, using 15 gallons spray per 1000 square feet. Cultivate into upper 3 to 4 inches before planting.

ROSES. Black spot, Botrytis blossom blight -- Use 2 pounds CAPTAN 50W per 100 gallons of water. 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: Preplant treatment for damping-off, root rot diseases on seedling or transplants of roses (and other shrubs, trees, flowers) and lawn seedbeds - Use 2 pounds CAPTAN 50W per 100 gallons of water at a rate of 15 gallons per 1,000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Keep pesticide in original container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

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: Do not reuse container. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. 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 and handling of this material not in strict accordance with directions given herewith. In no case shall Drexel or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.