

PM 23 19713-405 P 1714

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE  
NOV 26 1996

19713-405

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

Drexel Captan 80W  
Fungicide

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Drexel Chemical Company  
P.O. Box 13327  
Memphis, TN 38113-0327

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Add the phrase "EPA Registration No. 19713-405" to the label before you release the product for shipment.
2. Submit one (1) copy of the final printed label before you release the product for shipment.
3. In page 10 revise the "Disposal of Leftover Post-harvest Treatment Mixture" statement: Leftover.....listed on...", to read "Leftover..... listed below.....".
4. Submit and/or cite all data required for registration/reregistration of this product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of this product under FIFRA sec. 4.

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 label is enclosed for your records.

**BEST AVAILABLE COPY**

Enclosure

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

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*Joanne I. Miller*

DATE NOV 26 1996



**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. Avoid contact with skin and clothing. Avoid inhalation of dust or spray mist.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and other handlers (other than mixers and loaders) must wear:** Long-sleeved shirt and long pants, Waterproof gloves, Shoes plus socks and Protective eyewear

**Mixers and loaders must wear:** Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, Chemical resistant apron when cleaning, 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 pesticide 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 product 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 clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources.



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 onto 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 80W 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 mixtures will reduce the fungicidal activity of CAPTAN 80W. Do not apply captan in combination with or immediately before or closely following oil sprays. Do not allow oil sprays on adjacent crops to drift onto crops which have been or will shortly be treated with captan. 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 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.

Applications can be made by aircraft or ground 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 wettable powers unless previous experience has proven them to be physically compatible and safe to plants. (Read "Compatibility and Plant Safety" section above).

For aerial or concentrate spray applications, apply the same amount of CAPTAN 80W per acre as would normally be applied for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage. Do not apply this product through any type of irrigation system.

**GENERAL 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. Maximum application is for a crop cycle. **Crop cycle is defined as pre-bloom through post-harvest.**

Apply the high rate and/or spray at shorter intervals when climatic conditions most favor disease(s). Apply the low rate and/or spray at longer intervals 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, shot hole, scab, leaf blight* - Apply 2-1/2 to 6-3/5 pounds CAPTAN 80W per acre in 20 to 300 gallons of water using ground equipment or in 5 to 20 gallons of water by air. Use 3-3/4 to 5-2/3 pounds per acre when captan is used alone. Use 2-1/2 to 3-3/4 pounds per acre in tank mixtures with fungicides having a similar spectrum. Apply at popcorn, bloom, 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 32-1/2 pounds of CAPTAN 80W per acre per crop cycle.*  
(see GENERAL USE PRECAUTIONS SECTION for definition of crop cycle).

**APPLES (Eastern US.):** *Primary scab, black rot (frog-eye), botrytis blossom-end-rot* - Apply 5 pounds CAPTAN 80W 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 pre-bloom, 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 2-1/2 to 5 pounds CAPTAN 80W 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 40 pounds of CAPTAN 80W per acre per crop cycle.*  
*May be applied up to day of harvest.*

*Powdery mildew* - If powdery mildew is a problem add 6 to 12 pounds sulfur per acre. Caution - Do not use CAPTAN 80W 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 US.):** *Primary scab* - Apply 2-1/2 to 5 pounds CAPTAN 80W 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 potential for ~~disease-resistance~~ tolerance development to other fungicides having a similar spectrum, the lower rate may be used in tank mixtures.

**(Pacific Northwest):** *Bull's eye rot, botrytis rot* - Apply 3-3/4 pounds CAPTAN 80W 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.

*Do not apply more than 40 pounds of CAPTAN 80W per acre per crop cycle.  
May be applied up to day of harvest.*

*Secondary scab* - In mid-summer cover sprays, the dosage may be reduced to 2-1/2 pounds per acre.

**APRICOTS:** *Brown rot (twig blight), jacket rot* - Apply 1-7/8 to 3-1/8 pounds CAPTAN 80W per acre in 20 to 250 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply at red bud, bloom, 75% petal fall, and in cover sprays. To reduce potential for ~~disease-resistance~~ tolerance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures.

*Do not apply more than ~~15-3/8~~ 15-5/8 pounds of CAPTAN 80W per acre per crop cycle.  
May be applied up to day of harvest.*

**BLUEBERRIES: (Western US.):** *Botrytis gray mold or berry rot, mummy berry* - Apply 1-1/4 to 3-1/8 pounds CAPTAN 80W 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 43-3/4 pounds of CAPTAN 80W per acre per crop cycle.  
May be applied up to day of harvest.*

**BLUEBERRIES: (Eastern US.):** *Botrytis gray mold or berry rot, mummy berry* - Apply 3-1/8 pounds CAPTAN 80W per acre in sufficient water for thorough coverage or a minimum of 5 gallons of water by air. Start spray program when buds swell and earliest 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 43-3/4 pounds of CAPTAN 80W per acre per crop cycle.  
May be applied up to day of harvest.*

**CHERRIES (Eastern US.):** *Brown rot, leaf spot, botrytis rot* - Apply 2-1/2 pounds CAPTAN 80W 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 pre-harvest sprays. Application 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 control up to start of harvest. If powdery mildew is a problem, add 6 pounds sulfur per acre to the petal fall, shuck and early cover sprays. If sulfur is added, CAPTAN 80W may be reduced to 1-1/4 pounds per acre in these sprays.

*Do not apply more than 17-1/2 pounds of CAPTAN 80W per acre per crop cycle.*

*May be applied up to day of harvest.*

**Post-Harvest Sprays:** *Leaf spot* - Apply 2-1/2 pounds CAPTAN 80W 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 US.):** *Brown rot, blossom blight, brown rot (fruit), leaf spot* - Apply 1-7/8 to 2-1/2 pounds CAPTAN 80W 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 pre-harvest sprays.

*Do not apply more than 17-1/2 pounds of CAPTAN 80W per acre per crop cycle.*

*May be applied up to day of harvest.*

**GRAPES (Except CA):** *Phomopsis cane and leaf spot, downy mildew, suppression of black rot* - Apply 1-1/4 to 2-1/2 pounds CAPTAN 80W per acre in 20 to 200 gallons of 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 to 5 inches long, and when shoots are 9 to 12 inches long. Repeat just before bloom, immediately after bloom, and continue at 10 to 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 15 pounds of CAPTAN 80W per acre per crop cycle.*

*May be applied up to day of harvest.*

**GRAPES (California):** *Bunch rot (Botrytis)* - Apply 2-1/2 pounds CAPTAN 80W per acre in 20 to 200 gallons of water using ground equipment or in 7 to 20 gallons of water by air. Apply 2 applications before bloom and one immediately after bloom. Repeat periodically making 3 cover applications before bunches close.



Phomopsis cane and leaf spot (current season infection) - Apply 2 to 2-1/2 pounds CAPTAN 80W per acre in 20 to 200 gallons of water using ground equipment or apply 2-1/2 pounds CAPTAN 80W per acre in 7 to 20 gallons of water by air. Apply first spray when green tissue begins to show, but before shoots are 1 inch long and repeat application when shoots are 6 to 8 inches long.

*Do not apply more than 15 pounds of CAPTAN 80W per acre per crop cycle. May be applied up to day of harvest.*

**NECTARINES:** *Brown rot, scab* - Apply 2-1/2 to 5 pounds CAPTAN 80W 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 tolerance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures. Apply 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 applications at 7 to 14 day intervals as necessary 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 and shuck sprays and early cover spray. If sulfur is added, CAPTAN 80W may be reduced to 1-3/5 pounds per acre in these sprays.

*Coryneum Blight (Peach blight, shot hole)* - Apply 2-1/2 to 5 pounds CAPTAN 80W 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 30 pounds of CAPTAN 80W per acre per crop cycle (including post-harvest sprays). Pre-harvest sprays may be applied up to day of harvest.*

**PEACHES:** *Brown rot, scab* - Apply 2-1/2 to 5 pounds CAPTAN 80W 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 tolerance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures. Apply at full pink, bloom, petal fall, shuck stages and in cover and pre-harvest sprays. When conditions are favorable, make applications at 3 to 4 day intervals ~~may be necessary~~ 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 of sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, CAPTAN 80W may be reduced to 2-1/2 pounds per acre in these sprays.

*Coryneum blight (peach blight, shot hole)* - Apply 5 pounds CAPTAN 80W per acre in 20 to 400 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Apply at pink bud, full bloom, petal fall stages and in cover sprays as necessary and as a post-harvest spray (but before leaf drop).

*Do not apply more than 40 pounds of CAPTAN 80W per acre per crop cycle (including post-harvest sprays).*

*Pre-harvest sprays may be applied up to day of harvest.*

**PLUMS, FRESH PRUNES (Western US.):** *Brown rot* - Apply 3-3/4 pounds CAPTAN 80W per acre in 20 to 300 gallons of water using ground equipment or in 10 to 20 gallons of water by air. Use the lower rate when tank mixes 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 2-1/2 to 3-3/4 pounds CAPTAN 80W per acre in 20 to 300 gallons of water using ground equipment. Apply at full bloom.

*Do not apply more than 33-3/4 pounds of CAPTAN 80W per acre per crop cycle.*

*May be applied up to day of harvest*

**PLUMS, FRESH PRUNES (EASTERN US.):** *Brown rot* - Apply 3-3/4 pounds CAPTAN 80W 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 33-3/4 pounds of CAPTAN 80W per acre per crop cycle.*

*May be applied up to day of harvest.*

**STRAWBERRIES:** *Botrytis (gray mold), leaf spot* - Apply 1-7/8 to 3-3/4 pounds CAPTAN 80W 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 7 to 14 day intervals. Under conditions favorable to fruit rot, continue applications through harvest period treating immediately after each picking.

*Do not apply more than 30 pounds of CAPTAN 80W per acre per crop year.*

*May be applied up to day of harvest.*

*Restricted entry interval is 24 hours.*

If applying as a directed/banded spray, use band rate of CAPTAN 80W according to the following formula:

Plant Bed Width (inches)	x	Broadcast rate	=	Banded rate of CAPTAN 80W
Row Spacing (inches)		per acre		per acre

SPECIAL USES
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**PEACH PRE-PLANT ROOT DIP (California):** Preventative pre-plant dip treatment for crown gall. Use 2-1/2 pounds CAPTAN 80W 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 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 FRUIT APPLICATION:** For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus). Use as a post-harvest dip or wash on the following fruits:

**Apples, Cherries, Pears** - Use 1-3/5 pounds CAPTAN 80W 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 1-3/5 pounds CAPTAN 80W 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 POST-HARVEST 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 apple and cherry trees, (but not pear trees) or for ornamental sites listed on the label. Observe 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 1.6 pounds of CAPTAN 80W 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 to the eyes. Improper disposal of spray or dip tank mixtures is a violation of federal law. If the leftover dip or spray mixture cannot be disposed of in the manner prescribed above, 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
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**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 2-1/2 pounds CAPTAN 80W per 100 gallons of water. Dip cuttings before bedding.

*Petal blight* - Use 1-1/4 pounds CAPTAN 80W 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 2-1/2 pounds CAPTAN 80W per 100 gallons of water. Dip tubers 30 minutes, drain and plant.

**CAMELLIAS:** *Petal blight* - Use 5/8 pounds CAPTAN 80W 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.

**CARNATIONS:** *Alternaria leaf spot, rust* - Use 1-1/4 pounds CAPTAN 80W per 100 gallons of water. Begin application 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 2-1/2 pounds CAPTAN 80W per 100 gallons of water. Dip cuttings before bedding.

**CHRYSANTHEMUMS:** *Botrytis flower blight, septoria leaf spot* - Use 1-1/2 pounds CAPTAN 80W per 100 gallons of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals.

*Damping-off of cuttings* - Use 2-1/2 pound CAPTAN 80W per 100 gallons of water. Dip cuttings before bedding.

**DICHONDRA (California Only):** *White mold (Sclerotium rolfsii)* - Use 1-1/4 pound CAPTAN 80W 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 1/3 to 1 pound CAPTAN 80W per 10 gallons of water. 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 blight, brown spot on St. Augustine grass* - Use 1-1/4 pounds CAPTAN 80W 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 1/5 to 1/4 pound CAPTAN 80W per 1,000 square feet or 1-1/4 pounds CAPTAN 80W per 100 gallons of 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 1-1/4 pounds CAPTAN 80W 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:** *Pre-plant treatment for damping-off, root rot diseases on seedlings or transplants of roses (and other shrubs, trees, flowers) and lawn seedbeds* - Use 1-1/4 pounds CAPTAN 80W per 100 gallons of water at a rate of 15 gallons of spray 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.

