



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Luz G. Piwonka
Registration Manager
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

MAR 17 2003

Subject: Drexel 80% Kaptan
EPA Reg No. 19713-385
Your amended Label dated January 2, 2003

Dear Ms Piwonka:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is accepted provided the following changes are made:

Delete the "Note to EPA" and other editing marks and comments.

A stamped copy of the label is enclosed for your records. Please submit one (1) copy of the final printed label before you release the product for shipment.

If you have any questions, please call Robert Westin at (703) 305-5721.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly".

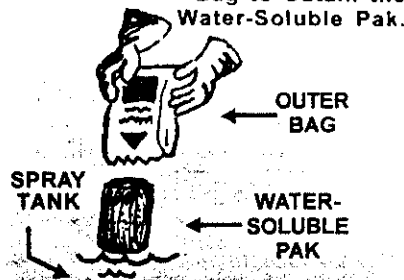
Dennis McNeilly
Acting Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosure

2 8 5
MASTER LABEL

Note to EPA

Shaded text added for water-soluble package.



80% Kaptan
 Fungicide

Water-Soluble Packaging

ACTIVE INGREDIENTS:

Captan	78.3%
Related derivatives	1.8%
OTHER INGREDIENTS:	19.9%
TOTAL:	100.0%

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 the label, find someone to explain it to you in detail.)

See **FIRST AID** Below

EPA Reg. No. 19713-385
 EPA Est. No. 19713-GA-1

Net Contents: 15 lbs:
Water-Soluble Package

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF SWALLOWED:	<ul style="list-style-type: none"> 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 or convulsing person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.
IF INHALED:	<ul style="list-style-type: none"> 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 treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.	

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.

(Continued)

PRECAUTIONARY STATEMENTS (Cont.)

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers (other than mixers and loaders) must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks and protective eyewear.

Mixers and loaders must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, protective eyewear, chemical-resistant apron when cleaning, mixing or loading and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

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

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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 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 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.

ACCEPTED
 with COMMENTS
 In EPA Letter Dated

~~007 1993~~ MAR 17 2003
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended 19713-385



Manufactured By:

Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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), restricted entry interval (REI) and notification to workers. The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 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 PPE listed below.

EXCEPTION: The REI for Strawberries is 24 hours. After expiration of the 24 hour period, no PPE is required. PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

DIRECTIONS FOR ORIGINAL FORMULATION

Pour needed amount into spray tank under agitation. If necessary, add a few drops of oil to avoid foaming. Application of this material through any type of irrigation equipment is prohibited.

DIRECTIONS FOR WATER-SOLUBLE BAGS

Paks containing this product are water-soluble. Do not allow pak to become wet prior to adding to the spray tank. Do not handle paks with wet hands. To prepare the spray mixture, drop the required number of unopened paks into spray tank while filling with appropriate amount of water. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the paks should be completely dissolved in approximately 5 minutes from the time they are added to the water. Use the specified dosage of this product in the amount of water necessary to give complete coverage. Determine the total amount to be added to the spray tank based on the rates in the "Crop" section.

Note: Products containing boron and/or fertilizers will prevent the water-soluble packet from dissolving. Boron and/or fertilizer products must only be added after packet(s) have completely dissolved.

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: 80% Kaptan 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 this product. 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.

APPLICATION INFORMATION

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 powders unless previous experience has proven them to be physically compatible and safe to plants. (Read "COMPATIBILITY AND PLANT SAFETY" section above.)

APPLICATION INSTRUCTIONS

Apply through any type of hand-held, knapsack, mechanical or pneumatic spraying equipment.

Ground Application: Specified rate in 20 to 400 gallons of water per acre.

Aerial or Concentrate Application: Specified rate in 5 to 20 gallons of water per acre.

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

GENERAL USE PRECAUTIONS

Except as specified, apply 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

Crop	Disease(s)	Rate per Acre	Number of Water-Soluble Paks
Almonds	Anthracnose, Blossom blight, Brown rot, Leaf blight, Scab, Shot-hole, Twig blight	2.5 to 6.6 lbs.	1 pak per 2.3 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 300 gals. of water using ground equipment or in 5 to 20 gals. of water by air. Use 3.75 to 6.6 lbs. per acre (1 pak per 2.7 to 4 acres) when captan is used alone. Use 2.5 to 3.75 lbs. per acre (1 pak per 4 to 6 acres) in tank mixtures with fungicides having a similar spectrum. Apply at popcorn, bloom, petal fall stages and up to 5 weeks after petal fall.		
Note: Do not apply within 30 days of harvest. Hulls may be fed to livestock. Do not apply more than 32.5 lbs. of this product per acre (2.2 paks per acre [1 pak per 0.44 acre]) per crop cycle. See "GENERAL USE PRECAUTIONS" section for definition of crop cycle.			
Apples (Eastern U.S.)	Black rot (Frogeye), Botrytis blossom end rot, Primary scab	5 lbs.	1 pak per 3 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water using ground equipment or in 5 to 20 gals. 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.		
	Bitter rot, Black pox, Black rot, Botryosphaeria rot, Brooks fruit spot, Fly speck, Secondary scab, Sooty blotch	2.5 to 5 lbs.	1 pak per 3 to 6 acres
SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water by using ground equipment or in 5 to 20 gals. of water by air. Apply at 10- to 14-day intervals in second and later cover sprays.			
Note: Do not apply more than 40 pounds of this product per acre (2.7 paks per acre [1 pak per 0.38 acre]) per crop cycle. May be applied up to the day of harvest. If Powdery mildew is a problem, add 8 to 12 pounds of sulfur per acre.			
Do not use this product 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*	2.5 to 5 lbs.	1 pak per 3 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water per acre using ground equipment or in 5 to 20 gals. of water by air. To reduce potential for tolerance development to other fungicides having a similar spectrum, the lower rate may be used in tank mixtures. *Secondary scab - In mid-Summer cover sprays, the dosage may be reduced to 2.5 pounds per acre. (1 pak per 6 acres)		
	Botrytis rot, Bull's eye rot (Pacific Northwest)	3.75 lbs.	1 pak per 4 acres
SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water using ground equipment or in 5 to 20 gals. of water by air. Make 1 or 2 applications with late cover sprays and one final spray prior to harvest.			
Note: Do not apply more than 40 pounds of this product per acre (2.7 paks per acre [1 pak per 0.38 acre]) per crop cycle. May be applied up to day of harvest.			
Apricots	Brown rot (Twig blight), Jacket rot	1.86 to 3.13 lbs.	1 pak per 5 to 8 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 250 gals. of water using ground equipment or in 10 to 20 gals. of water by air. Apply at red bud, bloom, 75% petal fall and in cover sprays. To reduce potential for tolerance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures.		
Note: Do not apply more than 15.63 lbs. of this product per acre (1.1 paks per acre [1 pak per 0.96 acre]) per crop cycle. May be applied up to day of harvest.			

Crop	Disease(s)	lb. per Acre	Number of Water-Soluble Paks
Blueberries (Eastern U.S.)	Berry rot, Botrytis gray mold, Mummy berry	3.13 lbs.	1 pak per 5 acres
	SPECIFIC DIRECTIONS: Apply in sufficient water for thorough coverage or a minimum of 5 gals. 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.		
Blueberries (Western U.S.)	Berry rot, Botrytis gray mold, Mummy berry	1.25 to 3.13 lbs.	1 pak per 5 to 12 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water by ground or in 5 to 20 gals. of water by air. Begin at mid-bloom, repeat at 7- to 10-day intervals until maturity.		
Note: (All Blueberries): Do not apply more than 43.75 lbs. of this product per acre (2.9 paks per acre [1 pak per 0.34 acre]) per crop cycle. May be applied up to day of harvest.			
Cherries (Eastern U.S.)	Botrytis rot, Brown rot, Leaf spot	2.5 lbs.	1 pak per 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water using ground equipment or in 10 to 20 gals. 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 lbs. of sulfur per acre to the petal fall, shuck and early cover sprays. If sulfur is added, this product may be reduced to 1.25 lbs. per acre [1 pak per 12 acres] in these sprays. Post-harvest Sprays: Leaf spot - Apply 2.5 lbs. of this product per acre (1 pak per 6 acres) per crop cycle.		
Cherries (Western U.S.)	Blossom blight, Brown rot, Brown rot (Fruit), Leaf spot	1.88 to 2.5 lbs.	1 pak per 6 to 8 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water using ground equipment or in 10 to 20 gals. of water by air. Apply in pre-bloom, bloom, petal fall, shuck, cover and pre-harvest sprays.		
Note: (All Cherries): Do not apply more than 17.5 lbs. of this product per acre (1.2 paks per acre [1 pak per 0.86 acre]) per crop cycle. May be applied up to day of harvest.			
Grapes (Except CA)	Downy mildew, Leaf spot, Phomopsis cane, Suppression of Black rot	1.25 to 2.5 lbs.	1 pak per 6 to 12 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water using ground equipment or in 7 to 20 gals. of water by air when shoots are 0.5 to 1.5 inches long, 3 to 5 inches long and 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.		
Grapes (CA)	Bunch rot (Botrytis)	2.5 lbs.	1 pak per 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water using ground equipment or in 7 to 20 gals. of water by air. Make 2 applications before bloom and one immediately after bloom. Repeat periodically making 3 cover applications before bunches close.		
	Leaf spot, Phomopsis cane (current season infection)	2 to 2.5 lbs.	1 pak per 6 to 8 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 200 gals. of water using ground equipment or apply 2.5 lbs. of this product per acre (1 pak per 6 acres) in 7 to 20 gals. 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.		
Note: (All Grapes): Do not apply more than 15 lbs. of this product per acre (1 pak per acre) per crop cycle. May be applied up to day of harvest.			

Crop	Disease(s)	Rate per Acre	Number of Water-Soluble Paks
Nectarines	Brown rot, Scab	2.5 to 5 lbs.	1 pak per 3 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 250 gals. of water using ground equipment or in 10 to 20 gals. of water by air. To reduce the potential for 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 7.5 lbs. of sulfur per acre to the petal fall and shuck sprays and early cover spray. If sulfur is added, this product may be reduced to 1.6 lbs. per acre (1 pak per 9 acres) in these sprays.		
	Coryneum blight (Peach blight, Shothole)	2.5 to 5 lbs.	1 pak per 3 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 250 gals. of water using ground equipment or in 10 to 20 gals. 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).		
Note: Do not apply more than 30 lbs. of this product per acre (2 paks per acre [1 pak per 0.5 acre]) per crop cycle (including post-harvest sprays). Pre-harvest sprays may be applied up to day of harvest.			
Peaches	Brown rot, Scab	2.5 to 5 lbs.	1 pak per 3 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water using ground equipment or in 10 to 20 gals. of water by air. To reduce the potential for tolerance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures. Apply at full pink, bloom, petal fall and shuck stages and in cover and pre-harvest 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 lbs. of sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, this product may be reduced to 2.5 lbs. per acre (1 pak per 6 acres) in these sprays.		
	Coryneum blight (Peach blight, Shothole)	5 lbs.	1 pak per 3 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 400 gals. of water using ground equipment or in 10 to 20 gals. 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).		
Note: Do not apply more than 40 lbs. of this product per acre (2.7 paks per acre [1 pak per 0.38 acre]) per crop cycle (including post-harvest sprays). Pre-harvest spray may be applied up to day of harvest.			
Plums, Fresh Prunes (Eastern U.S.)	Brown rot	3.75 lbs.	1 pak per 4 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 300 gals. of water using ground equipment or in 10 to 20 gals. 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.		
Plums, Fresh Prunes (Western U.S.)	Brown rot	2.5 to 3.75 lbs.	1 pak per 4 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 300 gals. of water using ground equipment or in 10 to 20 gals. 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)	2.5 to 3.75 lbs.	1 pak per 4 to 6 acres
	SPECIFIC DIRECTIONS: Apply in 20 to 300 gals. of water using ground equipment. Apply at full bloom.		
Note: (All Plums, Prunes): Do not apply more than 33.75 lbs. of this product per acre (2.25 paks per acre [1 pak per 0.44 acre]) per crop cycle. May be applied up to day of harvest.			

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Crop	Disease(s)	Rate per Acre	Number of Water-Soluble Paks
Strawberries	Botrytis (Gray mold), Leaf spot	1.88 to 3.75 lbs.	1 pak per 4 to 8 acres
<p>SPECIFIC DIRECTIONS: Apply in sufficient water for thorough coverage by ground equipment or in 10 to 20 gals. 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.</p>			
<p>Note: Do not apply more than 30 lbs. of this product per acre (2 paks per acre [1 pak per 0.5 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 this product according to the following formula:</p> $\frac{\text{Plant bed width (inches)}}{\text{Row spacing (inches)}} \times \text{Broadcast rate} = \text{Banded rate of this product per acre}$			

SPECIAL USES

PEACH PRE-PLANT ROOT DIP (CA): Preventative pre-plant dip treatment for Crown gall. Use 2.5 pounds of this product plus 3.2 pints of 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 of diluted sodium hypochlorite per 100 gallons of water.

POST-HARVEST FRUIT APPLICATION: 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 1.60 pounds of this product 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 1.60 pounds of this product 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 Apple and Cherry trees (but not Pear trees) and for ornamental sites listed below. 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 1.60 pounds of this product 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

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 2.5 pounds of this product per 100 gallons of water. Dip cuttings before bedding. Petal blight — Use 1.25 pounds of this product 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 2.5 pounds of this product per 100 gallons of water. Dip tubers 30 minutes, drain and plant.

CAMELLIAS: Petal blight — Use 0.63 pound of this product 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 1.25 pounds of this product 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 2.5 pounds of this product per 100 gallons of water. Dip cuttings before bedding.

CHRYSANTHEMUMS: Botrytis flower blight, Septoria leaf spot — Use 1.5 pounds of this product per 100 gallons of water. Apply at first sign of disease. Repeat at 7- to 10-day intervals. Damping-off of cuttings — Use 2.5 pounds of this product per 100 gallons of water. Dip cuttings before bedding.

DICHONDRA (CA Only): White mold (*Sclerotium rolfsii*) — Use 1.25 pounds of this product per 100 gallons of water. Apply 1 gallon of spray per 10 square feet. Make 2 to 3 applications at 7-day intervals.

GLADIOLUS (Corms): Corm rot and Decay, Damping-off — Use 0.33 to 1 pound of this product per 10 gallons of water. Dip corms 20 to 30 minutes. Drain and plant.

GRASSES (Ornamental in non-pastured areas only): Brown patch, Brown spot on St. Augustine grass, Damping-off, Leaf spot, Melting out, Seedling blight — Use 1.25 pounds of this product per 100 gallons of water. Apply 10 gallons of 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 0.20 to 0.25 pound of this product per 1,000 square feet or 1.25 pounds of this product per 100 gallons of water, using 15 gallons of spray per 1,000 square feet. Cultivate into upper 3 to 4 inches before planting.

ROSES: Black spot, Botrytis blossom blight — Use 1.25 pounds of this product 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 1.25 pounds of this product 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

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE 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.

WATER-SOLUBLE PAKS: Carefully open outer bag. Never open the water-soluble pouch.

WARRANTY—CONDITIONS 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 the Manufacturer 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 the Seller and is accepted as such by the Buyer.

RATES PER 100 GALLONS NOT ON WSP LABEL

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