

JUN 17 1994

Mr. Morris Gaskins
Micro Flo Co.
P.O. Box 5948
Lakeland, FL 33807

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Dear Mr. Gaskins:

Subject: Captac 4L
EPA Registration No. 51036-181
Application Dated May 23, 1994, Request To Amend
Labeling To Conform with Zeneca's Master
Label for Captan 50w

The proposed amendments to the labeling of Captac 4L has been reviewed and is acceptable under the Federal Insecticide, Fungicide and Rodenticide Act as amended provided that you:

1. The use of the "note" to the strawberry use-pattern that is applicable to use in California is not appropriate as it introduces new information. Replace the note with the use-pattern for use in California under a separate section as has been the format for captan labels (see the earlier Captan 50w labels). Submit an explanation as to why you have not "matched up" the use-pattern for strawberries.
2. Submit five (5) printed copies of your final printed labeling before you release 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 ABC11:06-17-94

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CAPTEC 4L

Captan Flowable Fungicide

ACTIVE INGREDIENT:

*Captan	37.4%
Related Derivatives	0.8%
INERT INGREDIENTS:	61.8%
TOTAL	100.0%

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

Contains 4 lbs. of Captan per gallon.

ACCEPTED
with COMMENTS
In EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

JUN 17 1994

DANGER PELIGRO

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
51036-181

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

- 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 immediately with soap and water.

EPA Reg. No. 51036-181

EPA Est. No. 51036-GA-1

Manufactured By
MICRO FLO COMPANY
P.O. Box 5948
Lakeland, FL 33807

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PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

DANGER PELIGRO

Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes. May cause allergic skin reaction. Avoid contact with skin and clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Protective eyewear
5. ~~Chemical resistant apron when mixing or loading~~
6. ~~Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)~~

Mixers and Loaders must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Protective eyewear
5. Chemical resistant apron when mixing or loading
6. 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 and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control:

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

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, 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.

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 and restricted-entry intervals. 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) 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 personal protective equipment listed below.

EXCEPTION: The restricted early 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:

- 1. Coveralls
 - 2. Waterproof gloves
 - 3. Shoes plus socks
 - 4. Protective eyewear
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STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place, but protect from temperatures below 0 degrees F. Protect from excessive heat.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excessive 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label. Do not apply this product through any type of irrigation system. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Applications can be made by aircraft or ground equipment, unless prohibited under the directions for use site. For aerial or concentrate spray applications, apply the same amount of CAPTEC 4L per acre as for dilute spray applications. Apply aerial or concentrate sprays in sufficient water for coverage. Use spray volumes of no less than 10 gallons per acre for aerial application. CAPTEC 4L is an aqueous suspension for use in water as a spray for control of certain fungal diseases of fruit and certain ornamental plants.

NOTE: To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rates of Captec 4L in tankmixes.

MIXING DIRECTIONS: Before using, mix contents thoroughly, stir well. Pour recommended amount of this material into spray tank when half full, add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Use a screen not finer than 50 mesh in the entire system.

COMPATIBILITY: CAPTEC 4L may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline material such as hydrated lime, which reduces the fungicidal activity. CAPTEC 4L should not be used within 10 to 14 days following oil sprays. Do not use with solvent based formulations of pesticide products.

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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 day of harvest. Maximum application is for a crop cycle. Crop cycle is defined as prebloom through postharvest. Apply the high rate and/or spray at shorter intervals when climatic conditions 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.

GENERAL INSTRUCTIONS

~~When low and high rates are indicated for a crop, use the higher rate when conditions favor disease development or when active disease can be found.~~

The following tables show suggested minimum spray volumes per acre; however, thorough coverage is essential for best results. The stage of growth and size are major factors in determining spray volume required to obtain thorough coverage. If there is a question regarding spray volumes needed, consult local extension service recommendations for spray volumes applicable to your particular crop.

SUGGESTED MINIMUM SPRAY VOLUMES/ACRE FOR EFFECTIVE COVERAGE

DILUTE	CONCENTRATE	AERIAL
100 gallons	50 gallons	10 gallons

CAPTEC 4L RATES ARE SHOWN ON A DILUTE BASIS. UNLESS OTHERWISE SPECIFIED BY CROP, CONCENTRATE AND/OR AERIAL SPRAYS MAY BE APPLIED AT A RATE NOT TO EXCEED THAT RECOMMENDED PER ACRE FOR DILUTE SPRAYS SO LONG AS MAXIMUM RATE PER ACRE PER APPLICATION IS NOT EXCEEDED.

~~DO NOT EXCEED THE USE OF 4.0 QUARTS/ACRE/APPLICATION~~

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APPLICATION INSTRUCTIONS
Rate Per Application

<u>CROP</u>	<u>Disease</u>	<u>QTS/100 Gallons/ Application</u>	<u>MAXIMUM QTS/A/ Application</u>
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ALMONDS:

	Brown Rot (Twig Blight), Jacket Rot, Shothole, Scab, Leaf Blight	0.75 - 1.0	5.0
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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. ~~Subsequent applications may be made up to 12 days of harvest in accordance with pest infestations and state agricultural extension service recommendations, provided the hulls are not fed to dairy animals or animals being finished for slaughter.~~ Do not apply more than 26 quarts of Captec 4L per acre per crop cycle (see GENERAL USE PRECAUTIONS section on page 5 for definition of crop cycle).

APPLES:

(EASTERN AREAS):

	Primary Scab, Black Rot, (Frogeye), Botrytis Blossom End Rot	0.75 - 1.0	4.0
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Apply at 5 to 7 day intervals as needed to maintain cover 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	0.5 - 1.0	4.0
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Apply at 10 to 14 day intervals in second and later cover sprays. ~~up to 10 to 14 days of harvest.~~

	Powdery Mildew	0.5 - 1.0	4.0
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Apply CAPTEC 4L as a mixture with 3 - 6 lbs. sulfur post bloom until the foliage matures.

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CAUTION - Do not use 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.

SPRAYS - For pre-blossom sprays, use a dilute spray.

Do not apply more than 32 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

(WESTERN AREAS):

Apple Scab	0.75 - 1.0	4.0
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CAPTEC 4L is most effective when used in a protective schedule before infection occurs. Primary infection of apple scab may occur at any time during and after the green tip stage when there is adequate moisture for spore germination. Danger from primary infection may extend through the time of the first cover spray.

(PACIFIC NORTHWEST):

Bull's Eye Rot, Botrytis Rot	1.0	4.0
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Apply 1 or 2 applications with late cover sprays ~~and a final application 1 week prior to harvest.~~

Do not apply more than 32 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

~~ON APPLES-~~

~~Post Harvest Dip (except CA): For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus) Mix 1.25 quarts in 100 gallons of water. Apply as a post harvest dip or a spray wash to apples. As a dip: Recharge wash solution when the tank volume is reduced by 25%. To retain volume, add 0.50 quart CAPTEC 4L for each 25 gallons of water added. At the end of 8 hours empty tank, flush and charge with fresh dilution. DO NOT allow dip tank solution to stand overnight. During dipping operation maintain continuous agitation.~~

APRICOTS:

Brown Rot (Twig Blight), Jacket Rot	0.75 - 1.0	2.5
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Apply at red bud, bloom and repeat at 75% petal fall and in cover sprays. ~~Do not apply aerially.~~ Do not apply more than 12.5 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

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BLUEBERRIES:

(Eastern Areas)

Botrytis Gray Mold or Berry Rot, Mummy Berry	0.75 - 1.0	2.5
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Apply in sufficient water for thorough coverage. Begin when buds swell or when buds have loose scales, repeating at 7 day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom. Do not apply more than 35 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

(Western Areas) (Not for use in California)

Botrytis Gray Mold or Berry Rot, Mummy Berry	0.75 - 1.0	2.5
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Apply in sufficient water for thorough coverage. Begin at mid-bloom, repeating every 7 to 10 days as needed. Do not apply more than 35 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

CHERRIES:

(Eastern Areas)

Brown Rot, Leafspot, Botrytis Rot	0.75-1.0	2.0
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Apply at pre-bloom, bloom, petal fall, shuck, cover and preharvest. Applications every 3 to 4 days may be necessary during bloom to control blossom blight. Repeat at 7 to 20 days as needed up to harvest. ~~Do not apply aerially.~~

Powdery Mildew	0.75 - 1.0	2.0
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Apply CAPTEC 4L as a mixture with 3 - 6 lbs. (not to exceed 6 lbs.) sulfur to petal fall, shuck or early cover sprays. If sulfur is added, CAPTEC 4L may be reduced to the low-use rate of 1 quart per acre. ~~in 100 gallons of water (0.75 quart) or 1.5 quart per acre. Do not apply aerially.~~

Leafspot (Post Harvest Spray)	0.75 - 1.0	2.0
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Apply immediately after harvest, repeating in 10 to 14 days. ~~Do not apply aerially.~~

Do not apply more than 14 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

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(Western Areas)

Cherry Leaf Spot,		
Brown Rot, Botrytis		
Rot	0.75 - 1.0	2.0

~~Apply at pre-bloom, bloom and petal fall. Repeat in cover sprays. Do not apply aerially.~~
 Apply in prebloom, bloom, petal fall, shuck, cover and preharvest sprays. Do not apply more than 14 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

~~CHERRIES ONLY:~~

~~Post Harvest Dip (except California): For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus). Mix 1.25 quarts in 100 gallons of water. Apply as a post harvest dip or a spray wash to cherries. As a Dip: Recharge wash solution when the tank volume is reduced by 25%. To retain volume, add 0.50 quart CAPTEC 4L for each 25 gallons of water added. At the end of 8 hours, empty tank, flush and charge with fresh dilution. DO NOT allow dip tank solution to stand overnight. During dipping operation, maintain continuous agitation.~~

GRAPES:

(U.S., except California)

Downy Mildew,		
Black Rot	0.75 - 1.0	2.0
(Suppression of)		
Phomopsis Cane		
and Leaf Spot	0.75 - 1.0	2.0

Make first application just before bloom, repeat just after bloom and at 10 to 14 day intervals ~~for 1 to 3 additional applications depending upon the susceptibility of the grape variety.~~ 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 12 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

Apply when shoots are, 1/2 to 1 1/2 inches long, 3 to 5 inches long and 9 to 12 inches long. Continuous thereafter at 10 to 14 day intervals as disease conditions warrant.

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~~(Western Areas): (except California)~~

~~Phomopsis Cane
and Leaf Spot 1.0 2.0~~

~~Apply 200 gallons of spray per acre. Start when new shoots are 3 to 4 inches long and before the first infective rains. Make a second spray when shoots are 12 to 15 inches long and a third spray before the bunches close.~~

~~Botrytis 1.0 2.0~~

~~Apply twice before bloom and once after bloom, repeating periodically, making 3 cover applications before bunches close.~~

(California):

Bunch Rot 1.0 2.0
(Botrytis)

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 0.75 - 1.0 2.0
(current season infection)

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 12 quarts of Captac 4L per acre per crop cycle. May be applied up to day of harvest.

NECTARINES:

Brown Rot, Scab,
Coryneum Blight
(Shot Hole) 0.75 - 1.0 4.0

Apply at pink bud, full bloom, petal fall stages and cover sprays as necessary and as a postharvest spray (but before leaves drop). Repeat at 10 to 14 day intervals after petal fall. Make late fall applications (to trees after fruit has been harvested) for Coryneum Blight. Do not apply aerially. 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, Captac 4L may be reduced to 1.25 quarts per acre in these sprays.

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Do not apply more than 24 quarts of Captec 4L per acre per crop cycle (including postharvest sprays). Pre-harvest sprays may be applied up to day of harvest.

PEACHES:

Brown Rot, Scab, Coryneum Blight (Shot Hole)	0.75 - 1.0	4.0
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~~Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Make late fall applications (to trees after fruit has been harvested) for Coryneum Blight.~~ 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, Captec 4L may be reduced to 4 quarts per acre in these sprays.

Coryneum Blight (Shot Hole)	0.75 - 1.0	4.0
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Apply in pink bud, full bloom, petal fall stages and cover sprays as necessary and as a postharvest spray (but before leaves drop). Do not apply more than 32 quarts of Captec 4L per acre per crop cycle (including postharvest sprays). Preharvest sprays may be applied up to day of harvest.

PLUMS, FRESH PRUNES:
(Eastern)

Brown Rot	1.0 - 3.0	3.0
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~~Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Do not apply aerially.~~

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 27 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

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PLUMS, FRESH PRUNES (except California):
(Western)

Brown Rot 1.0 - 3.0 3.0

~~Apply at green bud, popcorn, bloom and petal fall stages. Repeat as needed after petal fall. Do not apply aerially.~~

Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant.

Prune russet scab (lacy scab) 1.0 - 3.0 3.0

Apply at full bloom. Do not apply more than 27 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest.

SUGGESTED MINIMUM SPRAY VOLUMES/ACRE FOR STRAWBERRIES

GROUND:

40 gallons
(Broadcast or Band)

AERIAL:

10 gallons
(Broadcast only)

STRAWBERRIES:

Botrytis, Leaf Spot 1.5 - 3.0 3.0

~~Apply when new growth starts before fruit starts to form. Repeat weekly; under conditions favorable for fruit rot. Continue through harvest period, treating immediately after each picking.~~

NOTE: Do not exceed 2.5 Qt/acre per application in California.

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 24 quarts of Captec 4L per acre per year. May be applied up to day of harvest.

NOTE: Restricted-entry interval is 24 hours. After expiration of the 24 hour period, no personal protective equipment is required.

If applying as a directed/banded spray; use band rate of Captec 4L according to the following formula:

$$\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast rate per acre} = \text{Banded rate of Captec 4L per acre.}$$

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SPECIAL USES

PEACH PREPLANT ROOT DIP (California):

Preventative preplant dip treatment for crown gall. Use 4 quarts Captec 4L 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.

POSTHARVEST FRUIT APPLICATION:

For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus). Use as a postharvest dip or spray wash on the following fruits: Apples, Cherries, Pears -- Use 1.25 quarts of Captec 4L 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 1.25 quarts of Captec 4L for each 100 gallons added. At end of every 8 hour shift, empty tank, flush and charge with fresh dilution. Do not allow 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 apples and cherries (but not pears) or to registered turf and ornamental sites; observing all restrictions such as maximum quarts applied per application and season.

When calculating application rates, if analytical services are not available to determine the exact quantity of captan remaining in mixture, assume that the tank still contains 1.25 quarts of Captec 4L per 100 gallons of water. If the dip or spray mixture contains other pesticides in addition to Captan, refer to 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.

ORNAMENTAL USE PRECAUTIONS

Do not apply spray to ornamental plants beyond the point of drip from the leaf surface. 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 when using CAPTEC 4L as

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a drench. Workers planting in CAPTEC 4L treated soil must wear chemical resistant gloves. Only the applicator is permitted to be in the greenhouse during application of CAPTEC 4L. Open vents to greenhouse during application and for at least 1 hour after application.

APPLICATION INSTRUCTIONS
(NOT FOR USE IN CALIFORNIA)

AZALEAS

Damping off of cuttings - Mix 2.0 quarts in 100 gallons of water and dip cuttings in the mixture before bedding.

Petal Blight - Mix 1.0 quart in 100 gallons of water and apply the mixture as a spray to the soil around the plants prior to bloom, apply as a spray to the flowers just before bloom and repeat at 7 to 14 day intervals through bloom.

BEGONIAS (Tuberous)

Damping-off - Mix 2.0 quarts in 100 gallons of water and dip tubers for 30 minutes in mixture, drain and plant.

CAMELLIAS

Petal Blight - Mix 0.5 quart in 100 gallons of water and apply as a spray to the soil around plants when flowers begin to open, repeat at 7 to 10 day intervals through bloom.

CARNATIONS

Alternaria Leafspot, Rust - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease. Repeat at 7 to 10 day intervals. Use the shorter interval if there is frequent rains and heavy dews. Damping-off of cuttings - Mix 1.0 quart in 100 gallons of water and dip cuttings in mixture before bedding.

CHRYSANTHEMUM

Botrytis Flower Blight, Septoria Leafspot - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease, repeat at 7 to 10 day intervals. Damping-off of cuttings - Mix 2.0 quarts in 100 gallons of water and dip cuttings in mixture before bedding.

DICHONDRA (California only)

White Mold - Mix 1.0 quart in 100 gallons of water using 1 gallon of spray for every 10 square feet, making 2 to 3 applications at 7 day intervals.

GLADIOLUS (Corms)

Corm Rot and Decay, Damping-off - Mix 0.25 to 0.75 quarts in 10 gallons of water and dip corms for 20 to 30 minutes before planting.

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GRASSES

(Ornamentals in Non-Pastured Areas Only)

Leafspot, Damping-off, Brown Patch, Melting Out, Seedling Blights, Brown Spot on St. Augustine Grass - Mix 1.0 quart in 100 gallons of water, applying 10 gallons spray for every 1000 square feet. Begin at spring growth, repeating 7 to 14 day intervals throughout the season. Do not graze or feed clippings of treated areas to livestock.

GRASSES

(Lawn Seedbeds)

Damping-off, Other Soil Borne Diseases - Mix 1.0 quart in 100 gallons of water, applying 10 gallons spray for every 1000 square feet. Cultivate into top 3 to 4 inches of soil before planting.

ROSES

Black Spot, Botrytis Blossom Blight - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease, repeat at 7 to 10 day intervals. Use the shorter interval if there is frequent rains and heavy dews.

SOIL AND GREENHOUSE BENCH TREATMENT

Damping-off, Root rot Diseases on Seedling or Transplants of Roses (other Shrubs, Trees, Flowers) & Lawn Seedbeds - Mix 1.0 quart in 100 gallons of water at a rate of 15 gallons for every 1000 square feet. Cultivate into top 3 to 4 inches of soil before planting.

~~CAPTEC 4L wastes are acutely hazardous. Improper disposal of spray or dip tank mixtures is a violation of Federal Law. Contact your Environmental Control Agency, State Pesticide or Hazardous Waste representative for information concerning the disposal of spent or excess dip tank mixture.~~

CONDITIONS OF SALE

Read all directions carefully.

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