

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. May cause allergic skin reactions. Harmful if swallowed or inhaled. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid breathing of dust or vapor. Wash hands after use. Remove and launder clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. If swallowed, give a large amount of water to drink, make person vomit and call a doctor. For skin contact, wash with plenty of soap and water. See a doctor if irritation occurs or rash develops.

Note to Physicians: Emergency Information - call (415) 233-3737.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not store or transport near feed or food.

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

CONTAINER DISPOSAL

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

NOTE: For concentrate sprayer applications, the same quantity (per acre) of ORTHOCIDE 80 Wettable as would be normally applied when spraying dilute mixture, should be applied to each acre in sufficient water for coverage.



ORTHO

ORTHOCIDE® 80

Wettable

ACCEPTED

APR 16 1982

(FUNGICIDE)

80% CAPTAN

Active Ingredients	By Wt.
*Captan	75.7%
Related Derivatives	4.3%
Inert Ingredients	20.0%
*N-[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide.	

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Chevron Chemical Company

Ortho Agricultural Chemicals Division
San Francisco CA 94120-7144 Richmond CA 94804-0036
Product 3656 Made in U.S.A.
Form 7801-M
EPA Reg. No. 239-2058 EPA Est. 239-NJ-1

NET WEIGHT

ALMONDS: Brown Rot, Shot Hole, Scab, Leaf Blight. 100 gals. spray. Apply at popcorn, bloom, petal fall up to 5 weeks after petal fall. May be used up to harvest if hulls are not fed to dairy animals or a finished for slaughter.

APPLES: Primary Scab Infection—1 to 1½ lbs. per 100 gals. spray. Secondary Apple Scab, Brooks Fruit Spot, Flyspeckling—100 gals. spray. Severe Infection—1½ lbs. per 100 gals. spray. Bitter Rot, Black Rot, Botryosphaeria, Black Pox—1½ gals. spray. Bull's Eye Rot, Botrytis Rot—1½ lbs. per 100 gals. spray. Make 1 or 2 applications with late cover spray. 2 preharvest applications. ORTHOCIDE 80 Wettable may be used in combination with or closely following a fungicide with wettable sulfur products on sulfur sensitive apples such as Red Delicious, Stayman, Baldwin, etc. Severe foliage injury and defoliation may occur. Foliage injury may at times occur to Red Delicious, other sensitive varieties of apples in early season spray.

APRICOTS: Brown Rot (Twig Blight), Jacket Rot—1½ gals. spray. Apply at red bud stage, bloom, and per cent petal fall.

ASPARAGUS: Preplanting Root Dip—Stimulation of sprouting. 30 oz. to 100 gals. spray. Dip root sections for 1 min. and plant.

BEANS, PEAS: Damp-Off on Beans, Root Rot on Beans. Broadcast 6¼ to 7½ lbs. per acre. Work into upper 3 in. of soil or apply 3 to 3½ lbs. per acre in row at plant.

CANTALOUPES, CUCUMBERS, SUMMER AND WINTER WATERMELONS, PUMPKINS: Anthracnose, Downy Mildew. 1½ lbs. per 100 gals. spray or apply 2½ lbs. per acre cover. Apply at first sign of disease. Repeat at 5 to 7 days or as necessary.

CELERY: Late Blight (Septoria), Pink Rot (Sclerotinia). 100 gals. spray. Apply 200 diluted gals. per acre of 2½ lbs. per acre in water for coverage. A signs of diseases. Repeat at 7 to 10 day intervals to maintain control.

CHERRIES: Cherry Leaf Spot (West only), Brown Rot, 1½ lbs. per 100 gals. spray. Spray at prebloom, fall.

GRAPES: Downy Mildew, Black Rot—1½ lbs. in 100 gals. spray. Apply just before bloom, repeat immediately after pending upon susceptibility of grape variety, from sprays may be needed at 7 to 10 day intervals. For control on foliage, use ORTHO Copper 53 Fungicide. Dead Arm Disease (California)—1½ lbs. per 100 g to 3¼ lbs. per acre. First Spray at bud break to 1" Second Spray 2 weeks later or shoots 4 to 8" in 1 to 3¼ lbs. per acre. (Northeast)—1½ lbs. per 100 g. Make first application when new growth is 4" to 6" petal when growth is 8" to 10" long.

LEMONS, LIMES, ORANGES, GRAPEFRUIT: Brown Rot (Septoria)—1½ to 2½ lbs. to 100 gals. spray. Apply as prior to winter rains, thoroughly wetting tree to help feet. Re-treat 10 weeks after first application, ORTHO Copper 53 Fungicide.

GELOS: Scab, Melanose, Tree Response such as in Set—Apply 6¼ lbs. in combination with 2½ pts. Spray Sticker per 500 gals. in the postbloom spray fall until the fruit reaches approximately ½ inch. Apply up to 500 gals. spray per acre.

NOTE: Apply ORTHO Copper 53 Fungicide in the D as the primary scab spray. For fresh fruit melanose ORTHO Copper 53 Fungicide as a second postbloom 6 weeks after petal fall. For maximum tree response control, apply ORTHOCIDE 80 Wettable as near possible. Do not feed treated raw citrus by-products.

PEACHES, NECTARINES: Brown Rot, Scab, Coryneum Blight—1½ lbs. per 100 gals. spray. Apply at pink bud, petal fall stages. Repeat at 10 to 14 day intervals. Also make late fall applications for Coryneum.

ORTHO

ORTHOCIDE® 80

Wettable

FUNGICIDE)

1% CAPTAN

ACCEPTED

APR 16 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 239-2058

Ingredients	By Wt.
Captan	75.7%
Related Derivatives	4.3%
Other Ingredients	20.0%
[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide.	

KEEP OUT OF REACH OF CHILDREN
DANGER
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

Chemical Company
Agricultural Chemicals Division
San Francisco CA 94120-7144
Tel 3656
EPA Reg. No. 239-2058
Made in U.S.A.
Richmond CA 94804-0036
EPA Est. 239-NJ-1

NET WEIGHT

ALMONDS: Brown Rot, Shot Hole, Scab, Leaf Blight—1½ lbs. per 100 gals. spray. Apply at popcorn, bloom, petal fall stages and up to 5 weeks after petal fall. May be used up to 12 days of harvest if hulls are not fed to dairy animals or animals being finished for slaughter.

APPLES: Primary Scab Infection—1 to 1½ lbs. per 100 gals. spray. Secondary Apple Scab, Brooks Fruit Spot, Flyspecking—10 oz. per 100 gals. spray. Severe Infection—1½ lbs. per 100 gals. spray. Bitter Rot, Black Rot, Botryosphaeria, Black Pox—1½ lbs. per 100 gals. spray. Bull's Eye Rot, Botrytis Rot—1½ lbs. per 100 gals. spray. Make 1 or 2 applications with late cover sprays and 1 or 2 preharvest applications. ORTHOCIDE 80 Wettable should not be used in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Stayman, Baldwin, King, etc., as severe foliage injury and defoliation may occur.

Foliage injury may at times occur to Red Delicious, Winesap and other sensitive varieties of apples in early season sprays.

APRICOTS: Brown Rot (Twig Blight), Jacket Rot—1½ lbs. per 100 gals. spray. Apply at red bud stage, bloom, and repeat at 75 per cent petal fall.

ASPARAGUS: Preplanting Root Dip—Stimulation of shoot growth—30 oz. to 100 gals. spray. Dip root sections for 1 minute, drain and plant.

BEANS, PEAS: Damp-Off on Beans, Root Rot on Beans and Peas—Broadcast 6¼ to 7½ lbs. per acre. Work into upper 3 for 4 inches of soil or apply 3 to 3½ lbs. per acre in row at planting time.

CANTALOUPES, CUCUMBERS, SUMMER AND WINTER SQUASH, WATERMELONS, PUMPKINS: Anthracnose, Downy Mildew—1½ lbs. per 100 gals. spray or apply 2½ lbs. per acre in water to cover. Apply at first sign of disease. Repeat at 5 to 7 day intervals or as necessary.

CELERY: Late Blight (Septoria), Pink Rot (Sclerotinia)—1½ lbs. per 100 gals. spray. Apply 200 diluted gals. per acre or equivalent of 2½ lbs. per acre in water for coverage. Apply at first signs of diseases. Repeat at 7 to 10 day intervals as necessary to maintain control.

CHERRIES: Cherry Leaf Spot (West only), Brown Rot, Botrytis Rot—1½ lbs. per 100 gals. spray. Spray at prebloom, bloom, petal fall.

GRAPES: Downy Mildew, Black Rot—1½ lbs. in 100 gals. spray. Apply just before bloom, repeat immediately after bloom. Depending upon susceptibility of grape variety, from 1 to 3 more sprays may be needed at 7 to 10 day intervals. For late season control on foliage, use ORTHO Copper 53 Fungicide. **GRAPES:** Dead Arm Disease (California)—1½ lbs. per 100 gals. spray, 2 to 3½ lbs. per acre. First Spray at bud break to 1" shoot length. Second Spray 2 weeks later or shoots 4 to 8" in length, at 2½ to 3½ lbs. per acre. (Northeast)—1½ lbs. per 100 gals. spray. Make first application when new growth is 4" to 6" long, repeat when growth is 8" to 10" long.

LEMONS, LIMES, ORANGES, GRAPEFRUIT: Brown Rot (Phytophthora)—1½ to 2½ lbs. to 100 gals. spray. Apply as a skirt spray prior to winter rains, thoroughly wetting tree to heights of 3 to 4 feet. Re-treat 10 weeks after first application. **ORANGES, TANGELLOS:** Scab, Melanose, Tree Response such as increased Fruit Set—Apply 6¼ lbs. in combination with 2½ pts. of CHEVRON Spray Sticker per 500 gals. in the postbloom spray from ¾ petal fall until the fruit reaches approximately ½ inch in diameter. Apply up to 500 gals. spray per acre.

NOTE: Apply ORTHO Copper 53 Fungicide in the Dormant Spray as the primary scab spray. For fresh fruit melanose control, apply ORTHO Copper 53 Fungicide as a second postbloom spray 5 to 6 weeks after petal fall. For maximum tree response and scab control, apply ORTHOCIDE 80 Wettable as near petal fall as possible. Do not feed treated raw citrus by-products to livestock.

PEACHES, NECTARINES: Brown Rot, Scab, Coryneum (Shot Hole)—1½ lbs. per 100 gals. spray. Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Also make late fall applications for Coryneum Blight.

PEARS: Pear Scab (Except Pacific Northwest)—PRIMARY INFECTION—1½ lbs. per 100 gals. spray. Apply during early finger stage and petal fall stage. SECONDARY INFECTION—¾ lb. per 100 gals. spray during cover sprays. Severe Scab Infection—1½ lbs. per 100 gals. spray. Additional treatments may be necessary. Russeting may be produced on Bosc Pears. Do not use on D'Anjou Pears.

PRUNES, PLUMS: Brown Rot—1½ lbs. per 100 gals. spray. Apply at Green Tip or popcorn stage. Repeat at bloom and 75% petal fall stages. Also repeat later in season as necessary. Prune Russet Scab (Lacy Scab in California)—1½ lbs. per 100 gals. spray (8 lbs. per acre). Apply at full bloom.

RASPBERRIES: Spur Blight, Anthracnose—1½ lbs. to 100 gals. spray. Apply when blossoms are in bud (young canes are 8 to 10 inches long). Make second application 2 weeks later. Apply a fall spray after old canes are removed. Thorough coverage is essential. Fruit Rot—1½ lbs. to 100 gals. spray. Make 3 applications as follows: First—3 to 5 days before harvest starts; Second—At midharvest; Third—8 to 10 days after second application.

STRAWBERRIES: Botrytis Rot—1½ to 2 lbs. to 100 gals. spray (200 diluted gals. per acre or equivalent to 2½ to 3½ lbs. per acre in water to cover). Apply when new growth starts in spring before fruit starts to form. Repeat weekly. Severe Infection—Continue through harvest period, treating immediately after each picking.

TOMATOES: Early Blight, Late Blight, Gray Leaf Spot, Anthracnose, Septoria Leaf Spot—1½ lbs. per 100 gals. spray or apply 2½ to 3½ lbs. per acre in water to cover. Severe Infection: 2½ lbs. per 100 gals. spray or apply 3½ to 5 lbs. per acre in water to cover. Apply at first sign of diseases. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control.

TURF, LAWN: Brown Patch, Leaf Spot, Damp-Off, Root Rot—1½ lbs. per 100 gals. spray. Apply 10 gals. to each 1000 sq. ft. of turf or apply 5 lbs. per acre in water for coverage. Apply prior to infection. Repeat at 7 to 10 day intervals as necessary.

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.

COMPATIBILITY: ORTHOCIDE 80 Wettable 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. Do not use this product in combination with oil sprays or with solvent formulations of Parathion products. Do not use this product on foliage closely following oil sprays. Observe all cautions and limitations on labeling of all products used in mixtures.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

RQ CAPTAN, MIXTURE, NA 9099

ORM-E

THO

DCIDE® 80

ble
ACCEPTED

APTAN

B. Wt.
75.7%
4.3%
20.0%

ia 4-cyclohexene 1,2-dicarboximide

REACH OF CHILDREN

ANGER

NEL FOR ADDITIONAL
NARY STATEMENTS.

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Division

R. - Ind. (A-484) - 36

USA

(EPA Est. 139 N1)

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ALMONDS: Brown Rot, Anthracnose, Leaf Spot, etc.

APPLES: Scab, Powdery Mildew, Fire Blight, etc.
Bitter Rot, Black Rot, etc.
Bulb Rot, etc.

APRICOTS: Brown Rot, etc.

ASPARAGUS: Preplanting Rot, etc.

BEANS, PEAS: Damp-Off on Seed, etc.

CANTALOUPES, CUCUMBERS, SUMMER AND WINTER SQUASH,
WATERMELONS, PUMPKINS: Anthracnose, etc.

CELERY: Late Blight, etc.

CHERRIES: Cherry Leaf Spot, etc.

GRAPES: Downy Mildew, Black Rot, etc.

Dead Arm Disease, etc.

First Spray

Second spray

LEMONS, LIMES, ORANGE, GRAPEFRUIT: Brown Rot, etc.

ORANGES, TAN
GELOS: Scab, Melanose, Tree Response, etc.

NOTE

PEACHES, NECTARINES: Brown Rot, etc.

PRIMARY INFECTION
SECONDARY INFECTION

PRUNES: Brown Rot, etc.

Second

RA: Pear Blight, Anthracnose, etc.

Second

STRAWBERRIES: Botrytis Rot, etc.

Severe Infection

TOMATOES: Early Blight, Late Blight, Gray Leaf Spot, Anthracnose, etc.

Severe Infection

TURF, LAWN: Brown Patch, etc.

CAUTION: Use of this product involves possible drift to food
crops and other plants that may be damaged or the crops
themselves may be contaminated by consumption.

CAUTION: Do not use in areas where there is a possibility of

CAUTIONS OF SALE

RQ CAPTAN, MIXTURE NA 9099

ORM-E