

DIFOLATAN 80 Water Dispersible Granules
EPA Reg. No. 239-2495
Submitted: March 4, 1986

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Do not use green forage or green fodder for animal feed.

ACCEPTED
JUL 15 1988
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 239-2495

CONFIDENTIAL
PROPERTY OF
CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER**

Causes irreversible eye damage and causes skin irritation. Can cause allergic skin reactions. Harmful if swallowed, inhaled, or absorbed through the skin. May be harmful following prolonged or repeated exposure. Do not get in eyes, on skin or on clothing. Wear goggles, mid-forearm to elbow length chemical resistant gloves, long sleeve shirt and long pants when handling. Avoid breathing dust or spray mist. Mixer/loaders must wear dust mask. Contaminated clothing should be laundered separately in hot water before reuse. Persons in treated areas engaged in activities such as pruning, thinning, cultivation, weeding, harvesting or packing and grading operations may become sensitized and suffer allergic contact dermatitis. Exposure during these operations can be reduced by wearing a long sleeve shirt, long pants and gloves.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, wash eyes for at least 15 minutes and see a doctor. For skin contact, wash immediately with soap and water. See a doctor if irritation occurs or rash develops. If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take person and product container to the nearest medical emergency treatment center or hospital. If inhaled, remove person from exposure area. Note to Physicians: Emergency Information - call (415) 233-3737

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Fish may be killed at recommended application rates. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

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.

REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift.

Do not allow persons to enter treated areas within 24 hours following application unless protective clothing is worn.

Certain states may require more restrictive reentry intervals; consult your State Department of Agriculture for further information.

Conspicuously post reentry information at site of application.

Written or oral warnings regarding use of protective clothing, reentry times and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated.

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 a cool, dry place.

Do not store or transport near feed or food.

For help with any spill, leak, fire, or exposure involving this material, call day or night (415) 233-3737.

PESTICIDE DISPOSAL

This product is 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

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Do not reuse container. Dispose of liner and container in a sanitary landfill or by incineration if allowed by State and local authorities.

Do not rotate foliar treated crops with crops other than those with registered captafol uses.

DO NOT ADD SURFACTANT EXCEPT WHERE SPECIFICALLY INDICATED BELOW.

Wear mid-forearm to elbow length chemical resistant gloves, and full body clothing during handling and application.



ORTHO

DIFOLATAN® 80

Water Dispersible Granules

**A WATER DISPERSIBLE GRANULAR
FUNGICIDE FOR PLANT DISEASE
CONTROL**

Active Ingredient

By Wt.

*Captafol 80%

Inert Ingredients 20%

*cis-N-[(1,1,2,2-tetrachloroethyl)thio]-4-cyclohexene-1,2-dicarboximide

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

**SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

**FOR AGRICULTURAL USE ONLY. DO NOT
STORE IN AREAS ACCESSIBLE TO CHILDREN.
PRECAUCION AL USUARIO: Si usted no lee in-
gles, no use este producto hasta que la etiqueta
le haya sido explicada ampliamente.**

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Ortho Agricultural Chemicals Division

San Francisco CA 94120-7144

Product 5482 Made in U.S.A.

R Form 10108-M

EPA Reg. No. 239-2495

NET WEIGHT 25 POUNDS

APPLES: Apple Scab (for protection to pink or petal fall stage to prevent primary infection stage only)—Spring Application in dormant or up to 1/4" Green Stage; Midwestern and Eastern States Only: For Protection to Pink Stage — Apply 15 lbs. in 100 to 400 gals. of spray per acre. Use the high gallonage for large trees. For Protection up to Petal Fall Stage—Apply 25 lbs. per acre in 100 to 400 gals. of spray per acre. Use the higher gallonage for large trees to provide thorough coverage. May be combined with Superior type spray oils. **NOTE:** Do not apply oils after DIFOLATAN 80 Water Dispersible Granules applications as phytotoxicity may occur.

Applications of DIFOLATAN 80 Water Dispersible Granules made after 1/4" green stage may cause fruit russet or phytotoxicity to primary leaves. For control of secondary apple scab and summer diseases use ORTHOCIDE caption or another fungicide registered for this use, beginning at the pink stage if the 15 lb. rate of DIFOLATAN 80 Water Dispersible Granules was applied in the dormant period, or beginning when first petals fall if the 25 lb. rate of DIFOLATAN 80 Water Dispersible Granules was applied in the dormant period. Do not prune trees following DIFOLATAN fungicide applications.

BLUEBERRIES: For Control of Fusicoccum Canker, Mummyberry and Phomopsis Twig Blight, Anthracnose Fruit Rot — Apply 2 1/2 to 5 lbs. (2 to 4 lbs. active) in 20 to 250 gals. spray mix per acre. Thorough coverage is essential. Do not apply within 21 days of harvest.

Fusicoccum Canker — Begin applications at budbreak and repeat at 4 to 6 week intervals. Resume applications immediately after harvest and continue through leaf drop.

Mummyberry and Phomopsis Twig Blight: Begin applications at early green rip stage and repeat at 1 to 2 week intervals through petal fall. **Anthracnose Fruit Rot:** Begin applications at full bloom and repeat at 10 to 20 day intervals.

SOUR CHERRIES (Montmorency Variety Only — Mechanically Harvested Only); Monolinia Brown Rot Blossom Blight — 1 1/4 lbs. per 100 gals. spray using sufficient spray per acre for thorough coverage. Begin applications at the popcorn stage of blossom development. During wet periods repeat at 2 to 4 day intervals through petal fall.

Coccomyces Leaf Spot — a) Seasonal Program — 3/4 to 1 1/4 lbs. per 100 gals. spray using sufficient spray per acre for thorough coverage. Begin applications at petal fall or when leaves first unfold and repeat at approximately 10 day intervals for 3 or 4 applications. **b) Reduced Application Program** — 3/4 lbs. per 100 gals. spray using 300 gals. spray per acre on mature trees with correspondingly less gallons on smaller trees to provide adequate coverage. Apply at petal fall, or when first leaves unfold, for control through harvest. **c) Post-harvest (late season) Control** — Make one application of 3/4 to 1 1/4 lbs. per 100 gals. after harvest, using sufficient spray per acre for thorough coverage. Use the 1 1/4 lb. per 100 gals. rate only during wet seasons or when conditions are favorable for disease development.

Monolinia Fruit Brown Rot — Apply 1 1/4 lbs. per 100 gals. spray only during wet seasons or when conditions are favorable for disease development. Begin applications at petal fall or when leaves first unfold and repeat at approximately 10 day intervals. Do not exceed 4 applications.

CRANBERRIES: Fruit Rot — 3 1/4 to 6 1/4 lbs. in 100 to 300 gals. spray per acre, depending upon size of plants. Apply at bloom and repeat at 10 to 14 day intervals for a total of 3 applications each year. Do not apply within 50 days of harvest. Water from cranberry bogs must not be used for direct irrigation of crops other than those with registered capifal uses.

CUCUMBERS: Downy Mildew, Scab, Gummy Stem Blight, Anthracnose, Alternaria Leaf Blight — 1 1/2 to 2 lbs. in 50 to 150 gals. spray per acre as required for thorough coverage, depending upon size of plants. Apply when first true leaves appear and continue at weekly intervals. **Fruit (Belly) Rot** — (Southeastern states only) — Use a single application of 4 lbs. in 30 to 50 gals. water per acre. Apply after last cultivation or when vines begin to run. Spray should be directed to the bed soil. No incorporation is required. Do not disturb soil after this application.

MACADAMIA NUTS (Hawaii): Raceme or Blossom Blight (Botrytis) — 14 lbs. in 700 gals. spray per acre. For mist blower (10 x concentrate) application use 14 lbs. in 70 gals. spray per acre. Apply during the bloom period of February and March at weekly intervals. During severe infection periods, apply twice each week.

MELONS (Cantaloupe, Honey Dew, Muskmelon and Others): Alternaria Leaf Blight, Downy Mildew, Anthracnose, Gummy Stem Blight — 1 1/2 to 3 lbs. in 100 to 150 gals. spray per acre as required for thorough coverage, depending upon size of plants. Apply when first true leaves appear and repeat at weekly intervals.

ONIONS: Purple Blotch — 1 1/2 lbs. in 100 gals. spray per acre. Begin application when disease first appears and repeat at 7 to 10 day intervals.

ORANGES, GRAPEFRUIT, TANGERINES, LEMONS AND LIMES IN FLORIDA ONLY: Ground Application — Apply in sufficient water to insure full coverage. Failure to cover tops of trees will result in poor control. **Aerial Application** — Apply 10 gals. of spray mix per acre. Add CHEVRON Spray Sticker at the rate of 2 1/2 pts. per 500 gals. Apply after fruit harvest and tree hedging and pruning.

Scab, Melanose and Rust Mite — Apply 15 lbs. DIFOLATAN 80 Water Dispersible Granules per acre from late dormant through tight bloom. With severe melanose pressure follow DIFOLATAN fungicide with a recommended postbloom fungicide. DIFOLATAN 80 Water Dispersible Granules can also be applied at 6 1/4 to 12 1/2 lbs. per acre from tight bloom through 3 weeks after petal fall. DIFOLATAN 80 Water Dispersible Granules may cause a mild spotting when applied to young citrus fruit. This spotting may be objectionable on fruit grown for the fresh market.

TEMPLE ORANGES (Florida Only): Scab and Rust Mite — Apply at 6 1/4 to 12 1/2 lbs. DIFOLATAN 80 Water Dispersible Granules per acre from 2/3 petal fall through 3 weeks after petal fall. If heavy disease pressure is anticipated, based on past scab incidence in the grove and humid scab infection conditions, apply in late dormant and again from 2/3 petal fall through 3 weeks after petal fall.

RUST MITE CONTROL NOTE: When DIFOLATAN fungicide is applied as above by ground or aerial application for disease control and when rust mites first appear, rust mites will also be controlled. A recommended miticide may be necessary for late season infestations.

DANCY TANGERINES (Florida Only): Alternaria Brown Spot and Rust Mite—To protect the spring flush, apply 12 1/2 lbs. DIFOLATAN 80 Water Dispersible Granules per acre (ground only). Spray immediately if disease appears on the spring growth flush; otherwise delay application until bloom. Follow with 2 applications of an approved fungicide at postbloom and again in June.

When DIFOLATAN fungicide is applied as above by ground or aerial application for disease control and when rust mites first appear, rust mites will also be controlled. A recommended miticide may be necessary for late season infestations.

NOTE: Do not mix DIFOLATAN 80 Water Dispersible Granules and spray oil as phytotoxicity will result. Do not apply oil within 60 days of a DIFOLATAN fungicide application. Ethion EC tank mixed with DIFOLATAN 80 Water Dispersible Granules may increase the chances of phytotoxicity. Do not apply when mature fruit are on the trees. DIFOLATAN 80 Water Dispersible Granules may cause minor leaf spotting on new flush growth. DIFOLATAN 80 Water Dispersible Granules may cause a mild spotting when applied to young citrus fruit. This spotting may be objectionable on fruit grown for the fresh market.

PEANUTS: For Control of Early (Cercospora) Leafspot in all U.S. Peanut Growing Areas, Suppression of Web Blotch in Texas and Oklahoma and Control of Rust in Florida — Apply 2 lbs. in 10 to 60 gals. of spray mix per acre with ground equipment or in 5 to 10 gals. with aerial equipment. Begin applications when disease first appears, usually 25 to 45 days after planting. Repeat at 10 to 14 day intervals to maintain control. Under severe disease infections, apply at 10 day intervals. Do not apply within 14 days of digging. Do not graze treated areas or feed treated vines or hay to livestock. Do not hogdown treated areas.

PINEAPPLES: Pineapple Heart Rot—Spray Treatment—10 lbs. in 400 gals. spray per acre. Apply first application immediately after planting; repeat at monthly intervals for a maximum of 8 applications.

POTATOES: Early Blight, Late Blight — 1 to 2 lbs. per acre in water to cover. Begin treatment when plants are 6" high and continue at 7 to 10 day intervals. Under severe disease conditions, use higher listed dosage or shorter spray interval.

PRUNES: Brown Rot Blossom Blight — (California and Oregon only) — 1 to 2 lbs. per 100 gals. using sufficient spray per acre, depending upon tree size to provide thorough coverage. Apply at prebloom, bloom, and petal fall.

SWEET CORN (Florida Only) For Fresh Vegetable Use Only. Do Not Apply to Sweet Corn to be Processed — Northern and Southern Corn Leaf Blight: Apply 1/2 to 1 1/4 lbs. per acre by air in 3 to 5 gals. of spray mix as required for thorough coverage. When disease conditions are prevalent, use 1/2 to 3/4 lb. per acre on a 2-day schedule to protect new growth. As a preventive measure or under light disease conditions, use 1 to 1 1/4 lbs. on a 4 day schedule. Do not feed treated forage to livestock or allow animals to graze on treated areas. Do not apply within 5 days of harvest.

TOMATOES (Mechanically Harvested Only): Anthracnose, Early Blight, Late Blight, Gray Leaf Spot (Stemphylium spp.), Nail Head Spot, Septoria Leaf Spot, Fruit Rot—1/2 to 3 lbs. per acre. Use 30 to 150 gals. spray per acre by ground; 5 to 10 gals. spray per acre by air. Apply when first fruits are well formed and repeat at 7 to 10 day intervals. When weather conditions favor disease development, use higher rate and begin applications when plants are set in fields. For the Control of Anthracnose Fruit Rot — DIFOLATAN 80 Water Dispersible Granules at 10 to 20 lbs. per acre may be used as a single spray applied when first fruits are formed. Or use at 5 to 10 lbs. per acre in two applications applying the first spray when first fruits are formed followed by a second spray 20 days later.

Black Mold (Alternaria Alternata) — California Only — Apply 1.4 to 2 1/2 lbs. (1 to 2 lbs. active) per acre in 30 to 200 gals. spray mix by ground or in 10 gals. by air. Apply when first fruits are well formed and repeat at 7 to 10 day intervals. **NOTE:** Immature fruit may be spotted when DIFOLATAN 80 Water Dispersible Granules is combined with insecticides during periods of high temperature or drought stress.

WATERMELONS: Gummy Stem Blight, Anthracnose, Downy Mildew—1 1/2 to 3 lbs. in 50 to 150 gals. spray per acre with ground equipment as required for thorough coverage depending upon size of plants or in 5 gals. per acre with aerial equipment. Begin applications when plants start to vine and repeat at 5 to 10 day intervals as needed.

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: DIFOLATAN 80 Water Dispersible Granules may not be compatible with certain formulations of Parathion, Guthion, Thiodan, Copper-Count N and Acoraben, especially when using concentrated spray mixtures. Other products may have similar problems. Test mixing is recommended.

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.

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