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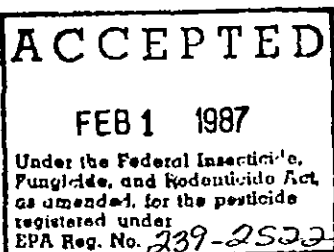
ORTHO DACONIL 2787 Multipurpose
Fungicide
EPA Reg. No. 239-2522
Submitted: August 18, 1986

COPY A

6 fl oz. (12 Tbs.)

CONFIDENTIAL

PROPERTY OF
CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA



Active Ingredient
Chlorothalonil (tetrachloro-
isophthalonitrile)
Inert Ingredients
DACONIL 2787® - Reg. TM of
SDS Biotech Corp. for
Chlorothalonil Fungicide

By Wt
79.6%
20.4%

ORTHO DACONIL 2787® Multipurpose Fungicide

Keep out of reach of children
WARNING
See below for additional
precautionary statements

Chevron Chemical Company © 1985
Ortho Consumer Products Division
San Francisco, CA 94120-7144
Form 10446-D Product 1003 Made in U.S.A.
EPA Reg. No. 239-2522



CONTROLS DISEASES
ON: LAWNS, SHRUBS,
VEGETABLES, FRUIT
TREES, FLOWERS, AND
SHADE TREES

CONTAINS DACONIL 2787® FUNGICIDE

CONTROLS DISEASES—LEAF SPOTS, RUST, BLIGHTS,
FRUIT ROTS, MILDEWS, SCAB, MOLDS, ETC. ON:
LAWNS, VEGETABLES, FRUIT TREES, FLOWERS,
SHRUBS AND SHADE TREES

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes eye and skin irritation. This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Do not get in eyes, on skin or on clothing. Wear long sleeve shirt, long pants, and rubber gloves while mixing and applying this product. Wash skin and hands thoroughly after using. Remove and wash contaminated clothing before reuse. Keep children and pets off treated area until dry. **STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. In case of skin contact, wash skin with soap and water. Get medical attention if irritation persists. **Note to Physicians:** Emergency Information—call (415) 233-3737.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and other aquatic organisms. Do not apply directly to water or dispose of wastes in water. Do not apply when weather conditions favor drift of spray. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

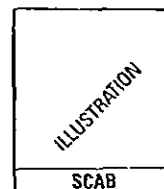
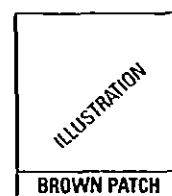
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

DIRECTIONS. ORTHO DACONIL 2787 Multipurpose Fungicide is a liquid concentrate that readily mixes with water and can be used in an ORTHO SPRAY-ETIE, tank-type or power sprayer. It is highly effective for the control of a broad spectrum of lawn, vegetable, fruit and ornamental plant diseases when it is used according to the directions on this label and pamphlet. Thorough uniform coverage of plant surfaces is essential for good disease control.

Shake bottle well before using. Mix appropriate amount with water and use at once. **Note:** To give the fine spray required for proper coverage, use an ORTHO SPRAY-ETIE for best results. Do NOT use the ORTHO Lawn Sprayer or any other coarse spray delivery hose end lawn sprayer.

LAWN DISEASES

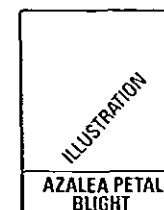
One day before applying ORTHO DACONIL 2787 Multipurpose Fungicide, mow lawn, collecting clippings and water if necessary. For best results when mixing, place a small amount of water in sprayer, add the appropriate amount of ORTHO DACONIL 2787 Multipurpose Fungicide, then add water to bring to desired level and agitate gently to uniformly mix the solution. Apply spray evenly. See table below for rate and coverage. Agitate occasionally while spraying. Apply after mowing and withhold watering until spray deposit has dried thoroughly. Make a new spray preparation for each use. Do not apply when temperature is above 90°F. to prevent slight burning or temporary discoloration of grass lawns. Do not graze treated areas or feed treated clippings to livestock.



FRUIT DISEASES

Apply full coverage spray to the tree canopy including undersides of leaves. Use ORTHO SPRAY-ETIE hose end sprayer.

• **Peach, Nectarine, Apricot, Cherry:** Apply at same rate as above. (3 Tbs.) in 4 gallons of water. Spray foliage to point of runoff. Make one or two additional applications in late autumn. Make one or two additional applications before buds begin to swell. If late autumn blight (Shothole) occurs, apply an additional application when petals fall or at shucksplit (tiny fruit infections). **Brown Rot Blossom Blight:** Apply at same rate as above. Apply at same rate as above. If cool, moist weather continues, make an additional application. **Spot on Cherries:** Scab on Peach, Nectarines and Apricots listed above, make one application at shucksplit. **Ortho Multipurpose Fungicide** after shucksplit or before harvest. For harvest, make one application to foliage within 7 days after fruit of high leaf spot incidence, make a second application 10 to 14 days later. **Papaya:** Alternaria Fruit Spot Anthracnose and Stem End Rot. Apply at same rate as above. Full coverage spray including fruit at the rate of 1 fl. oz. (2 Tbs.) in 4 gallons water. (1 Tbs.) before spots appear on fruit (April to July) and continue treatments at 14 day intervals when conditions favor severe disease. **Passion Fruit (Hawaii only):** Alternaria Fruit and Leaf Spot. Apply at same rate as above. Full coverage spray including fruit at the rate of 1 fl. oz. (1 Tbs.) before spots appear on fruit (April to July) and continue treatments at 14 day intervals when conditions favor severe disease.



ORNAMENTAL DISEASES

Mix 2 1/4 tsp / gallon or 3 Tbs. (1 1/2 fl. oz.) in 4 gallons of water. Spray foliage to point of runoff unless otherwise noted. Begin applications as directed and repeat on a 2 week basis if conditions are no longer favorable for disease control. In wet weather, use the shorter interval. In dry weather, use the longer interval. Do not use only door use only.

Ornamental Diseases

Species	Diseases Controlled
BROADLEAF SHRUBS AND TREES	
Ash (Fraxinus)	Cercospora, Cercosporidium, Cylindrosporium Leaf Spots
Azalea, Rhododendron	Phytophthora Die-back, Ovary Flower Blight
Buckeye, Horsechestnut	Leaf Blotch, Anthracnose
Cherry-Laural	Cercospora Leaf Spot
Crabapple	Scab, Cedar-apple rust, Sphaeropsis leaf spot
Dogwood	Septoria Leaf Spot
Eunonymus	Anthracnose
Firethorn (Pyracantha)	Scab
Flowering Almond	Monilia Blossom Branch Blight
Quince and Cherry Hawthorn	Rust, Fabraea Leaf Spot
Holly	Rhizoctonia Web Blight
Mountain Laurel	Cercospora Leaf Spot
Oak (red group only)	Lophium Blister, Actinopelte Leaf Spot, Anthracnose
Oregon Grape (Mahoe)	Rust
Photinia	Fabraea (Entomosporium) Leaf Spot
Peris (Arctostaphylos)	Phytophthora Die-back
Poplar	Marssonina Leaf Spot
Privet	Cercospora Leaf Spot
Sycamore, Planetree	Anthracnose
Viburnum	Powdery Mildew

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Important: ORTHO DACONIL 2787 Multipurpose Fungicide is effective on a wide range of diseases as listed below; however, proper identification of specific lawn disease is essential for control. Take a specimen of the disease to a professional garden center or contact the local County Extension Service for positive identification before treatment.

GRASS LAWN DISEASES

Copper Spot (Gloeocercospora)
Curvularia Leaf Spot
Dollar Spot (Sclerotinia)
Gray Leaf Spot (Piricularia)
Gray Snow Mold (Typhula)

CONDITIONS

70-80 F., low fertility
Summer, 80-90 F., heavy thatch
70-80 F., low fertility
Summer, high N, high humidity
Late Autumn-Winter, 30-50 F.,
before snow covers lawn

Helminthosporium Leaf Spot and
melting out

Large Brown Patch (Rhizoctonia)
Red Thread (Corticium)

Stem Rust of Bluegrass (Puccinia)

Dichondria Diseases-ICA only

Alternaria Leaf Spot

Anthracoze (Gleocercospora)

Summer, 80-90 F., moist, overcast

Summer, 75-85 F., warming trend

Cool wet, 55-72 F.

70-75 F., high light intensity, humidity

Winter & Spring, rainy, cool 55-72 F.

Summer, 70-85 F.

AMOUNT OF ORTHO DACONIL 2787 MULTIPURPOSE FUNGICIDE TO USE ON LAWNS

Gallons of Spray Desired	To Cover Lawn Area (Sq. Ft.)	For Established Diseases* Under Severe Conditions	For Light Diseases** Under Mild Conditions
2	333	4 fl oz (8 Tbs)	2 1/2 fl oz (5 1/4 Tbs)
4	667	8 fl oz (16 Tbs)	5 1/4 fl oz (10 7/8 Tbs)
6	1000	12 fl oz (24 Tbs)	8 fl oz (16 Tbs)

*During periods of very wet or damp weather, make 3 successive applications at 7 day intervals. Continue treatments following rates for light disease incidence at 7 day interval listed below.

**Apply at a 10 to 14 day interval depending on severity of disease and conditions favoring disease development until lawn has recovered.

ILLUSTRATION

EARLY BLIGHT

VEGETABLE DISEASES

Apply at listed rate per crop for disease to be controlled (1 in one gallon of water to cover an area of 200 sq. ft. 110" x 20") planted with listed crop. 1 Tbs = 1 Tablespoonful, 1 tsp = 1 Teaspoonful. Repeat at 7 to 14 day intervals. Use the 7 day schedule during severe disease conditions or wet weather unless otherwise stated. Note: Avoid spraying plants during extremely hot and sunny weather. Do not apply to wilted plants. Do not graze treated areas or feed treated plant parts to livestock.

VEGETABLES—Numbers in () indicate days required between last application and harvest.

- Beans (Green) (7) Rust and Botrytis Blight (Gray Mold) (1 Tbs) Begin applications during early bloom stage or when disease first threatens. Repeat at weekly intervals or as necessary.
- Broccoli (10), Brussels Sprouts (10), Cabbage (10), Cauliflower (10) Alternaria Leaf Spot and Downy Mildew (1 1/2 tsp) Begin after transplants are set in the field or when conditions favor disease development. Repeat at 7 to 10 day intervals.
- Ring Spot in Brussels Sprouts (CA only) (2 tsp) Begin at time of early sprout development or when conditions favor disease development. Repeat at 7 to 10 day intervals.
- Carrots (10) Cercospora (Early) Blight and Alternaria (Late) Blight (2 tsp) Begin when disease threatens and repeat at 7 to 10 day intervals or as required to maintain control.
- Celery (17) Cercospora (Early) Blight and Septoria (Late) Blight (1 1/2 tsp), Basal Stalk Rot and Pink Rot (Suppression) (1 Tbs) Begin when plants are set in the field. Repeat on a 3 to 5 day spray schedule for lower rate (1 1/2 tsp) or a 7 day schedule for the higher rate (1 Tbs).
- Corn (Sweet) (14) Helminthosporium Leaf Blight and Rust (2 tsp) Begin when conditions favor disease development. Repeat at 4 to 7 day intervals or as needed. Do not apply to sweet corn for processing.
- Cucumbers (10), Melons (10), Pumpkins (10), Squash (10) Anthracnose, Downy Mildew and Target Spot (2 tsp), Scab, Gummy Stem Blight (Black Rot), Leaf Blight, Cercospora Leaf Spot, Powdery Mildew (except Southwestern states) (1 Tbs) Also suppresses Fruit Rot (Rhizoctonia) on cucumbers (1 Tbs) Begin when plants are in the first true leaf stage or when conditions are favorable for disease. Repeat applications at 7 day intervals or more frequently if required.
- Onion (Green) (14) and Dry Bulb (7), Leek (14), Shallot (14), Garlic (7) Botrytis Leaf Blight (Blast), Purple Blotch and Downy Mildew (suppression) (1 Tbs) Apply at first sign of disease and repeat at 7 to 10 day intervals. Do not apply more than 3 times per season on green onions, leeks or shallots.
- Potato (10) Early Blight, Late Blight, Botrytis Vine Rot (1 1/2 tsp) Begin when plants are 6 inches high or when disease threatens and continue at 7 to 10 day intervals or as needed to maintain disease control.
- Tomato (10) Early Blight, Late Blight, Gray Leaf Spot, Gray Leaf Mold, Septoria Leaf Spot, Anthracnose, Alternaria Fruit Rot or Black Mold, Rhizoctonia Fruit Rot, Botrytis Gray Mold (1 Tbs) Begin when conditions favor disease development. Repeat at 7 to 10 day intervals or more frequently under severe conditions.

BULBS AND FLOWERING PLANTS

Carnation	Alternaria Leaf Spot-Branch Rot Botrytis	Transplant of cuttings. Cool, moist conditions
Chrysanthemum: Daisy	Mycosphaerella Ray Blight, Septoria Leaf Spot	Transplant of cuttings
Geranium	Botrytis Flower Blight (Gray Mold), Rust	Pre-bloom Cool, moist conditions
Gladolus	Curvularia Leaf Flower Spot Botrytis Leaf Flower Spot	Early propagation
Hollyhock	Rust	Early seeding stage
Hydrangea [*] (foliage only)	Cercospora and Septoria Leaf Spots, Rust	Early propagation
Iris	Botrytis Blossom Blight, Didymella Leaf Spot	Cool, moist conditions
Lily	Botrytis Gray Mold (foliar phase), Phytophthora Blight	Pre-bloom
Petunia [*]	Botrytis Gray Mold (foliar phase), Phytophthora Blight, Botrytis Blight	Pre-bloom
Rose—Use 1 1/4 fl oz (2 1/2 Tbs) : 4 gal	Black Spot, Botrytis Blight	Spring bud break
Stative	Anthracoze, Cercospora, Alternaria, Botrytis Leaf Blights	Spring bud break
Zinnia	Powdery Mildew	First sign of disease

*Discoloration of bloom has been noted on certain varieties when applications are made during flowering.

FOLIAGE PLANTS

Dracaena	Fusarium Leaf Spot	Pre-transplant
Pachysandra—Use 3 1/2 fl oz (6 3/4 Tbs) : 4 gal	Voluella Leaf Blight	Spring bud break
Leatherleaf Fern	Ascochyta Blight, Cercospora Leaf Spot, Cylindrocladum Leaf Spot, Rhizoctonia Blight	Spring bud break
Parlor Palm (Chamaedorea)	Bipolaris Leaf Spot (Helminthosporium)	Cool, moist conditions
Prayer Plant (Maranta)	Helminthosporium Leaf Spot	Early propagation
Oyster plant (Rhoeo)	Leaf Spot	Early propagation
Philodendron	Phytophthora Blight, Dactyaria Leaf Spot	Moist conditions
Syngonium	Cephalosporium Leaf Spot	Warm, moist conditions

CONIFER DISEASE

PINES, DOUGLAS FIR, SPRUCES—Sclerotinia Canker (Pines), Swiss Needlecast, Rhabdocline and Needlecast (Douglas Fir): Mix 1 fl oz (2 Tbs) : 4 gallons water and apply as full coverage spray to the point of runoff. Rhizosphaera Needlecast (Spruces), Scirrhia Brown Spot (Pine): Mix 1 fl oz (2 Tbs) : 4 gallons water and apply as above. Make first application in spring when new shoot growth is 1/2 to 2 inches in length. Make additional applications at 3 to 4 week intervals until dry conditions return.

Lophodermium Needlecast: Mix 1 fl oz (2 Tbs) : 4 gallons water and apply full coverage spray to the point of runoff. North Central and Northeastern States: Begin applications in mid-July to early August before infection occurs. Make additional applications at 3 to 4 week intervals until dry conditions return.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: PRODUCT—Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

CONTAINER—Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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

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STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. In case of skin contact, wash skin with soap and water. Get medical attention if irritation persists. Note to Physicians: Emergency Information - call (415) 233-3737.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and other aquatic organisms. Do not apply directly to water or dispose of wastes in water. Do not apply when weather conditions favor drift of spray. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

DIRECTIONS: ORTHO DACONIL 2787 Multipurpose Fungicide is a liquid concentrate that readily mixes with water and can be used in an ORTHO SPRAY-ETTE, tank-type or power sprayer. It is highly effective for the control of a broad spectrum of lawn, vegetable, fruit and ornamental plant diseases when it is used according to the directions on this label and pamphlet. Thorough uniform coverage of plant surfaces is essential for good disease control.

Shake bottle well before using. Mix appropriate amount with water and use at once.

Note: To give the fine spray required for proper coverage, use an ORTHO SPRAY-ETTE for best results. Do NOT use the ORTHO Lawn Sprayer or any other coarse spray delivery hose and lawn sprayer.

LAWN DISEASES: ORTHO DACONIL 2787 Multipurpose Fungicide gives effective control of common diseases of grass lawns including: Brown Patch, Helminthosporium Leaf Spot and Melting Out, Dollar Spot, Copper Spot, Red Thread, Curvularia Leaf Spot, Gray Leaf Spot, Gray Snow Mold, Stem Rust of Bluegrass, also Leaf Spot and Anthracnose in Dichondra lawns (California only). Follow label directions as shown in accompanying pamphlet and apply according to table below to control lawn diseases.

AMOUNT OF ORTHO DACONIL 2787 MULTIPURPOSE FUNGICIDE TO USE ON LAWNS

Gallons of Spray Desired	To Cover Lawn Area (Sq. Ft.)	For Established Diseases* Under Severe Conditions	For Light Diseases** Under Mild Conditions
2	333	4 fl. oz. (8 Tbs.)	2½ fl. oz. (5½ Tbs.)
4	667	8 fl. oz. (16 Tbs.)	5½ fl. oz. (10½ Tbs.)
6	1000	12 fl. oz. (24 Tbs.)	8 fl. oz. (16 Tbs.)

* During periods of very wet or damp weather, make 3 successive applications at 7 day intervals. Continue treatments following rates for Light Disease Incidence and interval listed below.

** Apply at a 10 to 14 day interval depending on severity of disease and conditions favoring disease development until lawn has recovered.



ORTHO

Mixes up to
64 Gallons
Diluted Spray

DACONIL 2787® Multipurpose Fungicide

CONTROLS DISEASES — LEAF SPOTS, RUST, BLIGHTS, FRUIT ROTS, MILDEWS, SCAB, MOLDS, ETC. ON: LAWNS, VEGETABLES, FRUIT TREES, FLOWERS, SHRUBS, AND SHADE TREES

CONTAINS DACONIL 2787 FUNGICIDE LIQUID FUNGICIDE

**EARLY/LATE BLIGHT ON TOMATO
DOLLAR SPOT/BROWN PATCH ON LAWNS
PEACH LEAF CURL ON PEACHES**

Active Ingredient

Chlorothalonil (tetrachloroisophthalonitrile) 29.6%
Inert Ingredients 70.4%
DACONIL 2787®—Reg. TM of SDS Biotech Corp. for Chlorothalonil Fungicide.

By Wt.

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

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VEGETABLE DISEASES: Controls diseases listed in accompanying pamphlet (including Rust, Leaf Spots, Early and Late Blight, Anthracnose, Fruit Rots, Downy Mildew, Powdery Mildew, Leaf Blight, Gray Mold, Scab, etc.) on: Green Beans (7), Broccoli (9), Brussels Sprouts (0), Cabbage (0), Cauliflower (0), Carrots (0), Celery (7), Green Onions (14), Sweet Corn (74), Cucumbers (0), Melons (0), Pumpkins (0), Squash (0), Potatoes (0) and Tomatoes (0): Mix 1½ tsp. to 1 Tbs. in one gallon of water depending on the disease to be controlled and cover an area of 200 sq. ft. (10' x 20') planted with listed crop. Repeat at 7 to 14 day intervals. Use the 7 day schedule during severe disease conditions or wet weather unless otherwise noted. Be sure to observe the number in () following each crop which indicates days required between last application and harvest.

FRUIT DISEASES: Controls Peach Leaf Curl, Coryneum Blight (Shot-hole), Brown Rot (Blossom Blight), Cherry Leaf Spot and Scab on: Peaches, Nectarines, Apricots, Cherry, Plum and Prune. Mix 1½ fl. oz. (3 Tbs.) in 4 gallons of water. Apply full cover spray to the point of runoff to thoroughly cover tree canopy including the undersides of leaves. Follow timing intervals as listed in pamphlet.

ORNAMENTAL DISEASES: Controls Leaf Spots, Flower Blight, Anthracnose, Scab, Rust, Blights, Powdery Mildew and other diseases as listed in pamphlet on wide range of broadleaf trees and shrubs, bulbs and flower plants and foliage plants. For outdoor use only. See pamphlet for timing for when to apply and the diseases controlled on each plant. Mix 2½ tsp./gallon or 3 Tbs. (1½ fl. oz.)/4 gallons of water and spray foliage to the point of runoff unless other directions are given on the pamphlet. Begin applications as directed for each species and disease conditions cited and repeat on a 7 to 14 day schedule until conditions are no longer favorable for disease development. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, use the shorter interval between applications.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

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Ortho Consumer Products Division

San Francisco CA 94120-7144

Richmond CA 94804-0036

Product 1000

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Form 10498-B

EPA Reg. No. 239-2522

EPA Est. 239-MO-1

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