

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (15 767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

TERM OF ISSUANCE

**NOTICE OF PESTICIDE**

REGISTRATION  
REREGISTRATION

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act as amended.

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

247633 | 161 Cit-all  
1 | 18

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 label is enclosed for your records.

Susan Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosures

COOKE  
DACONIL LAWN & GARDEN FUNGICIDE

For control of diseases on: Lawns, Shrubs, Trees, Fruits, Vegetables and Flowers.

ACTIVE INGREDIENT:

Chlorothalonil (tetrachloroisophthalonitrile)\* .... 12.5%  
INERT INGREDIENTS .... 87.5%

\*Daconil 2787 covered under U.S. Pat No. 3,290,353 and No. 3,331,735  
This product contains 1.14 pounds Chlorothalonil per gallon.

Keep out of reach of children  
WARNING  
See side panel for additional precautionary statements

NET CONTENTS 1 PT.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 27 1990

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

909-95

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes. Wear goggles or eye shield when handling. Skin sensitizer. Avoid contact with skin or clothing. Wash thoroughly with soap and warm water after handling. Do not take internally. Do not breathe spray mist. Keep children and pets away from treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT: If Swallowed: Drink one two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air. Apply respiration if indicated. If On Skin: Wash thoroughly with soap and warm water after handling. If In Eyes: Flush with plenty of water immediately for at least 15 minutes. Call a physician immediately. Note to physician: Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not store near feed or foodstuff. Do not use, pour, spill, or store near heat or open flame. Store this product in its original container out of reach of children and domestic animals. Do not reuse container. Rinse thoroughly before discarding. Securely wrap original container in several layers of newspaper and discard in trash.

SHAKE WELL BEFORE USING. Read entire label and use as directed. Apply only to plants specified on this label. Do not apply to plants not

listed on this label. Do not combine this product with pesticides, surfactants or fertilizers unless prior use has shown the combination physically compatible and noninjurious under conditions of use. Note to User: Do not graze treated areas. Do not feed clippings to livestock. 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. Persons having allergic reaction should contact a physician. Wear long sleeve shirt, long pants, and gloves when using this product.

DACONIL LAWN & GARDEN FUNGICIDE is highly effective in preventing a wide variety of commonly occurring diseases of flowering and foliage plants, shrubs, trees, bulbs, vegetables, lawns and ornamental turf. When disease is present, DACONIL LAWN & GARDEN FUNGICIDE provides effective control when applied according to label directions.

GRASS AND ORNAMENTAL LAWNS

To prevent or control the following listed diseases of grass and ornamental lawns, mix the recommended amount of DACONIL LAWN & GARDEN FUNGICIDE in one gallon of water. Apply as a thorough foliage spray to 200 sq. ft. (20'x10') of lawn area. Make application when conditions favor disease development, such as wet or humid weather. Use the lowest application rate and longest interval for prevention or when disease conditions are light to moderate. When disease is severe, use the highest rate and shortest interval. Do not mow or water after treatment until lawn is thoroughly dry. Do not graze treated areas. Do not feed clippings to livestock. May cause slight burning or temporary discoloration to grass lawns if used when the temperature is above 90 degrees F.

Disease	Spray Interval	Tablespoons per gallon of water to cover 200 sq. ft.	
		To Prevent Disease	To Control Existing Disease
Copper Spot (Ramulispora)	7-10 days	4 - 6	6 - 7
Curvularia (including blight, fading out, going out, leaf spot)	7-10 days	2 - 4	4 - 7
Dollar Spot (Sclerotinia)	7-14 days	2 - 4	4 - 7
Gray leaf spot (Piricularia)	7-10 days	2 - 4	4 - 7
Helminthosporium (Including leaf spot and melting out)	7-10 days	2 - 4	4 - 7
Large brown patch (Rhizoctonia)	7-10 days	2 - 4	4 - 7
Red thread (Corticium)	7-10 days	2 - 6	6 - 7
Stem rust of bluegrass (Puccinia)	7-14 days	4 - 6	6 - 7

DICHONDRA

Alternaria leaf spot (California only)	7-14 days	4 - 6	6 - 7
Anthracnose	7-14 days	4 - 6	6 - 7

To Control Gray Snow Mold (Typhula) in Ornamental Lawns: Mix 5 - 10 fl. oz. in 1 gallon of water to cover 200 sq. ft. Apply as a thorough foliage spray in autumn before winter snows. In areas of little snow cover, repeat at monthly intervals as needed for control.

#### ORNAMENTAL PLANTS, BULBS, WOODY SHRUBS, TREES AND VINES

To prevent or control the specified diseases of ornamentals, mix 4 tablespoons of DICONIL LAWN & GARDEN FUNGICIDE in one gallon of water (for Roses, use 3 tablespoons in one gallon of water). Apply as a thorough foliage spray, taking care to completely wet upper and lower leaf surfaces. Coverage may vary depending on amount of foliage sprayed. Make first application as recommended for each plant and disease. Repeat at 7-14 day intervals as needed to maintain control. Use the longest interval for prevention or when disease conditions are light to moderate. When disease is severe, use the highest rate. Use Precaution: Do not apply to tender foliage during hot, sunny weather.

Do not apply to wilted plants.

ASH: Leaf spot (Cercospora), Leaf spot (Cercosporadium, Cylindrosporium) - apply at spring bud break.

AZALEA\*, RHODODENDRON\*: Ovulinia petal blight - apply at early bloom. Phytophthora dieback - apply when new leaves emerge.

BUCKEYE, HORSECHESTNUT: Anthracnose (Glomerella), Leaf blotch (Guidnardia) - apply at spring bud break.

CARNATION: Alternaria leaf spot and stem rot - apply when transplanting cuttings. Botrytis blossom blight - apply when weather is cool and moist or when transplanting cuttings.

CHERRY-LAUREL: Cercospora leaf spot - apply at petal fall.

CHRYSANTHEMUM, DAISIES: Gray mold blight (Botrytis) - apply before bloom. Leaf spot (Septoria), Ray blight (Mycosphaerella) - apply when transplanting cuttings or before bloom.

DRACAENA: Leaf spot (Fusarium) - apply prior to transplanting.

EUONYMUS: Anthracnose (Colletotrichum) - apply at spring bud break.

FIRETHORN: Scab (Fusicladium) - apply at spring bud break.

FLOWERING ALMOND, FLOWERING QUINCE, PURPLELEAF SAND CHERRY: Brown rot blossom and twig blight (Monilinia) - apply at early bloom.

FLOWERING CRABAPPLE: Cedar-apple rust (Gymnosporangium), Leaf spot (Sphaeropsis), Scab (Venturia) - apply at spring bud break.

FLOWERING DOGWOOD: Leaf spot (Septoria) - apply at early bloom.

GERANIUM: Gray mold blight (Botrytis), Rust - apply when weather is cool and moist.

GLADIOLUS: Botrytis leaf and flower spot, Curvularia leaf and flower spot - apply when leaves first emerge.

HAWTHORN: Leaf blight (Fabraea), Rust (Gymnosporangium) - apply before bloom.

HOLLY: Rhizoctonia web blight - apply during warm, moist conditions.

HOLLYHOCK: Rust - apply to young seedlings.

HYDRANGEA\*: Leaf spot (Cercospora, Septoria), Rust (Pucciniastrum) - apply to foliage only of young plants.

IRIS: Botrytis blossom blight, Leaf spot (Didymellina) - apply during cool, moist conditions or before bloom.

LEATHERLEAF FERN: Ascochyta blight, Leaf spot (Cercospora), Leaf spot (Cylindrocladium), Rhizoctonia blight - apply at spring bud break.

LIGUSTRUM (PRIVET): Leaf spot (Cercospora) - apply during prolonged wet conditions.

LILIES: Gray mold blight (Botrytis) - apply before bloom.

MOUNTAIN-LAUREL: Leaf spot (Cercospora) - apply at spring bud break.

OAK (Red Group Only): Taphrina blister, Leaf Spot (Actinopelte), Anthracnose - apply at dormant budswell.

OREGON GRAPE (MAHONIA): Rust - apply at spring bud break.

OYSTER PLANT (RHOEO) also known as MOSES-IN-THE-CRADLE: Tan leaf spot (Curvularia) - apply to young plants.

PARLOR PALM (CHAMAEDOREA): Bipolaris leaf spot (Helminthosporium) - apply during cool, moist conditions.

PETUNIA\*: Crown rot (Phytophthora), Gray Mold and Blight (Botrytis) - apply before bloom.

PHILODENDRON: Leaf spot (Dactylaria), Phytophthora blight - apply during moist conditions.

PIERIS (ANDROMEDA): Phytophthora die-back - apply when new leaves emerge.

PHOTINIA: Fabraea (Entomosporium) Leaf Spot - apply at spring bud break.

POPLAR: Marssonina Leaf Spot - apply at spring bud break.

PRAYER PLANT (MARANTA): Helminthosporium leaf spot - apply to young plants.

ROSE (Use 3 tablespoons in one gallon of water): Black Spot (Diplocarpon), Botrytis blossom blight, Suppression of Powdery mildew (Sphaerotheca) - apply at spring bud break.

STATICE: Anthracnose, Leaf Spots (Cercospora, Alternaria), Leaf Blight (Botrytis) - apply at spring bud break.

SYCAMORE, PLANETREE: Anthracnose - apply at spring bud break.

SYNGONIUM: Cephalosporium leaf spot - apply during warm, moist conditions.

VIBURNUM: Powdery mildew (Microsphaera) - Apply mid-summer.

ZINNIA: Powdery mildew (Erysiphe) - apply at first sign of disease.

\*Discoloration has been noted on certain varieties when application is made during bloom.

#### ORNAMENTAL CONIFERS

To control Rhabdocline needle cast and Swiss needle cast of Douglas Fir, Sirococcus tip blight, and Scleroderris canker of Pine - mix 3 tablespoons in one gallon of water. To control Rhizosphaera needle cast of Spruce and Scirrhia brown spot of Pine - mix 6 tablespoons in one gallon of water. Apply as a thorough foliage spray in spring when new shoot growth is 1/2 to 2 inches long. Repeat at 3 to 4 week intervals until conditions no longer favor disease development (wet or humid weather).

#### FRUITS AND VEGETABLES

To prevent or control listed diseases in the home garden, apply DACONIL LAWN & GARDEN FUNGICIDE when conditions favor disease development, such as wet or humid weather. Use the lowest rate and longest interval of application when disease conditions are light to moderate. For severe disease conditions, apply the highest rate at the shortest interval. Numbers in parentheses ( ) next to each crop indicate days required between last application and harvest. Apply at the rate of one gallon mixed spray to 200 sq. ft. of garden area. Use Precaution: Do not apply to any crop not listed on this label. Do not graze treated areas or feed treated plants to livestock.

APRICOT, NECTARINE, PEACH: Brown rot blossom and twig blight (Monilinia), Coryneum blight (shot-hole), Leaf curl-nectarine and peach (Taphrina), Scab (Cladosporium). Mix 1 tablespoon in one gallon of water. For leaf curl, make first application in late autumn or early winter before first freeze. Where shot-hole occurs, apply once at petal fall or at shuck split. For brown rot blossom and twig blight, spray at popcorn stage and again at full bloom. If conditions favor disease development make an additional application at petal fall. For scab, apply at popcorn stage, full bloom, and shuck split.

BEANS, DRY (Blackeye, Kidney, Lima, Navy, Pinto) (42): Anthracnose (Colletotrichum), Cercospora leaf spot (Blackeye only), Downy mildew (Peronospora), and Rust (Uromyces). Mix 2-3 tablespoons in one gallon of water and apply as a thorough foliage spray at early bloom. Repeat at 7-10 day intervals as needed for adequate control.

BEANS, SNAP (7): Rust (Uromyces). Mix 2-3 tablespoons in one gallon of water. Gray mold blight (Botrytis). Mix 4 tablespoons in one gallon of water. Apply as a thorough foliage spray during early bloom or when disease first threatens. Repeat at weekly intervals or as needed to maintain control.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER(all 0): Downy mildew (Peronospora), Gray leaf spot (Alternaria), Ringspot of Brussels Sprouts (California only) (Mycosphaerella). Apply as a thorough foliage spray after transplant or when seedlings emerge and when conditions favor disease development. Mix 2-3 tablespoons in one gallon of water. Repeat at 7-10 day intervals or as needed to maintain control.

CARROTS(0): Early blight (Cercospora), Late blight (Alternaria). Mix 2-3 tablespoons in one gallon of water. Apply as a thorough foliage spray when disease threatens. Repeat at 7-10 day intervals or as needed to maintain control.

CELERY(7): Basal stalk rot (Rhizoctonia), Early blight (Cercospora), Late blight (Septoria), Pink rot suppression (Sclerotinia). Mix 3-4 tablespoons in one gallon of water. Apply as a thorough foliage spray at transplant. Repeat at 7 day intervals or as needed to maintain control.

CHERRY (Sweet and Sour): Brown rot blossom and twig blight (Monilinia), Cherry leaf spot (Coccomyces). Mix 1 tablespoon in one gallon of water. Make first application at delayed dormant - the period just before blossom buds break open and a second at full bloom. If conditions favor disease development, make an additional application at petal fall. Do not apply after petal fall.

CORN, SWEET (14): Helminthosporium leaf blight, Rust. Mix 1 1/2-3 tablespoons in one gallon of water. Apply at first sign of disease. Repeat at 4-7 day intervals or as needed to maintain control. Do not apply to sweet corn to be processed.

CUCUMBER(0): Anthracnose (Colletotrichum), Downy mildew (Pseudoperonospora), Gummy stem blight (Mycosphaerella), Leaf blight (Alternaria), Powdery mildew-except Southwestern States (Erysiphe), Scab (Cladosporium), Target leaf spot (Corynespora). Mix 2 1/2-4 tablespoons in one gallon of water. Apply as a thorough foliage spray when first leaves develop or when disease threatens. Repeat at 7 day intervals. Shorter intervals may be used when disease is severe.

GARLIC(7); LEEK(14); SHALLOT(14): Botrytis leaf blast, Downy mildew suppression (Peronospora), Purple blotch (Alternaria). Mix 2-4 tablespoons in one gallon of water. Apply as a thorough foliage spray at first sign of disease or during rainy periods. Repeat at 7-10 day intervals as needed to maintain control. Do not apply more than 2 times per season.

PUMPKIN; SQUASH (Summer and Winter); WATERMELONS; MELONS (Cantaloupe, Honeydew, Muskmelon)(all 0): Anthracnose (Colletotrichum), Cercospora leaf spot, Downy mildew (Pseudoperonospora), Gummy stem blight (Mycosphaerella), Leaf blight (Alternaria), Powdery mildew-except Southwestern states (Erysiphe), Scab (Cladosporium). Mix 3-4 tablespoons in one gallon of water. Apply as a through foliage spray when conditions favor disease development, such as wet or humid weather. Repeat at 7 day intervals. Shorter intervals may be used during severe disease conditions.

ONION, DRY (7): Botrytis leaf blast, Purple botch (Alternaria). Mix 2-3 tablespoons in one gallon of water. Apply as a thorough foliage spray at first sign of disease or during rainy periods. Repeat at 7-10 day intervals for as long as conditions favor disease development. Use



the shorter interval during persistent rainy periods.

ONION, GREEN (14): Botrytis leaf blast, Downy mildew suppression (Peronospora), Purple blotch (Alternaria). Mix 2-4 tablespoons in one gallon of water. Apply as a thorough foliage spray at first sign of disease or during rainy periods. Repeat at 7-10 day intervals for as long as conditions favor disease development. Use the shorter interval during persistent rainy periods.

PAPAYA (0): Anthracnose (Colletotrichum), Fruit spot (Alternaria), Stem-end rot (Phytophthora). Mix 3-5 tablespoons in one gallon of water. Apply as a thorough foliage spray when conditions favor disease development, such as wet or humid weather. Repeat at 14 day intervals to maintain control.

PARSNIP (10): Alternaria leaf spot, Anthracnose (Cylindrosporium), Botrytis blight (gray mold), Bottom rot (Rhizoctonia), Downy mildew (Plasmopara). Mix 2-3 tablespoons in one gallon of water. Apply as a thorough foliage spray at first sign of disease or when conditions favor infection, such as wet or humid weather. Repeat at 7-10 day intervals. Do not apply more than 4 times per season.

PASSION FRUIT-Hawaii only (0): Alternaria fruit spot. Mix 3 tablespoons in one gallon of water. Apply as a thorough foliage spray when fruit spots appear (April to July). Full coverage of fruit and leaves is important to maintain control. Repeat at 14 day intervals until weather conditions no longer favor disease development.

PLUM, PRUNE: Brown rot blossom blight (Monilinia). Mix 1 tablespoon in one gallon of water. Make first application at delayed dormant - the period just before blossom buds break open and a second at full bloom. If conditions favor disease development, make an additional application at petal fall. Do not apply after petal fall.

POTATO (0): Botrytis vine rot, Early blight (Alternaria), Late blight (Phytophthora). Mix 1 1/2-2 tablespoons in one gallon of water. Apply when plants are 6-8 inches high or when disease threatens. Repeat at 7-10 day intervals or as needed to maintain control.

TOMATOES(0): Anthracnose (Colletotrichum), Black mold rot (Alternaria), Early blight (Alternaria), Fruit rot (Rhizoctonia), Gray leaf spot (Stemphylium), Gray mold blight (Botrytis), Late blight (Phytophthora), Leaf mold (Cladosporium), Septoria leaf spot. Mix 2-4 tablespoons in one gallon of water. Apply as a thorough foliage spray when disease threatens. Repeat at 7-10 day intervals. During conditions of severe disease pressure, use the shortest interval.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

COOKE LABORATORY PRODUCTS  
PORTLAND, OREGON 97218  
EPA Reg. No. 909-95  
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