



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Charles T. Levey
Manager, Federal Regulations
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

DEC 1 2003

Subject: ORTHO Daconil 2782 Multipurpose Fungicide
EPA Reg. No. 239-2522
Amendment dated August 7, 2003

Dear Mr. Levey:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

LIST OF INGREDIENTS:

- align numbers
- add new line: "Total.....100.0%"


FIRST AID:

- Enclose the entire First Aid section in a block or otherwise set it off from the other text on the label.
- Highlight "If in eyes" and "If on skin or clothing" by making bold text or by formatting changes that make these statements subheaders.

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,


Cynthia Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosure

ORTHO® DACONIL 2787® Multipurpose Fungicide, EPA Reg. No. 239-2522

{/CON}OUTDOOR USE ONLY
{WATER DROPLET /CON}WATER BASED

Weather Stik®. Sticks and Stays between Sprays. Guaranteed. [LOGO]

Makes up to 64 Gallons Diluted Spray [*Pint size only*]
Makes up to 128 Gallons Diluted Spray [*Quart size only*]

CONTROLS DISEASES ON: 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: Vegetables, Fruit Trees, Flowers, Shrubs and Shade Trees.

**Concentrate
Controls/Stops & Prevents over 130 diseases on vegetables, fruits, roses, flowers, shrubs & trees/ornamentals**

Controls/Prevents/Stops garden diseases

Active Ingredient
Chlorothalonil.....29.6%
Other Ingredients.....70.4%

**KEEP OUT OF REACH OF CHILDREN
WARNING
See back panel booklet for additional precautionary statements**

**NET 32 FL OZ (1 QT) 946 mL
16 FL OZ (1 PT) 473 mL**

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
DEC 1 2003**

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

239-
2522

For effective control of a broad spectrum of vegetable, fruit, and ornamental plant diseases. Controls: Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds, etc. on Vegetables, Fruit Trees, Flowers, Shrubs and Shade Trees. Specially formulated for residential use.

Peel open for use directions and further information.

Open resealable label for directions & precautions.

☞ PULL HERE TO OPEN LABEL. PRESS TO RESEAL

Questions, Comments or Medical Information ?
call 1-800-225-2883 www.ortho.com

Manufactured for
The ORTHO Group
P.O. Box 190
Marysville, OH 43040
EPA Reg. No. 239-2522
EPA Est. 239-1A-3^l, 58996-MO-1^A
Superscript is first letter of lot number.

Made in USA Product Facts	
STOPS & PREVENTS DISEASES	Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds & other plant diseases
WHERE TO USE/ AMOUNT TO USE	<p>Roses: 1¼ fl oz (2½ Tbs) per 4 gal water</p> <p>Other Listed Ornamentals (except conifers & pachysandra): 2¼ tsp per gal water</p> <p>Vegetables & Fruit Trees: See inside label for list of fruits and vegetables, and dilution rates.</p>
<p>Questions, Comments or Medical Information call 1-800-225-2883 www.ortho.com</p>	

Specially formulated for residential use.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

Use of this product on home lawns is prohibited.

Do not apply this product in a way that will contact other persons, or pets, either directly or through drift.

Reentry ICON] Keep people and pets off treated area until dry.

OPTIONAL TEXT

[dns illustration] TO USE/FOR [10/15/98] ORTHO® MULTI-PURPOSE FUNGICIDE DACONIL 2787®
PLANT DISEASE CONTROL IN THE ORTHO® DIAL'N SPRAY ®

ORTHO Dial'n Spray Directions

1. Always set dial to 4 oz.
 2. Add product + water to sprayer jar as specified in the table(s) below.
 3. Spray until jar is empty.
- Do not store unused spray. Do not pour unused spray back into this Ortho Multi-Purpose Fungicide container.

FRUITS, VEGETABLES & ORNAMENTAL PLANTS			
Dial Setting: Always set dial to 4 oz.			
Dilution Rate	Gallons of Spray Produced	Amount of product to add	Amount of water to add
¼ tsp per gal water Example: Passion Fruit	1	¼ teaspoon	7¾ Tablespoons
1 ½ tsp per gal water Example: Conifers, Vegetables & Papaya	1	1 ½ teaspoons	7 ½ Tablespoon s
2 tsp per gal water Example: Vegetables	1	2 teaspoons	7 1/3 Tablespoon s
2 ¼ tsp per gal water Example: Ornamental Plants & Fruit Trees	1	2 ¼ teaspoons	7 ¼ Tablespoon s
1 Tbs per gal water Example: Vegetables	1	1 Tablespoon	7 Tablespoon s
5 tsp per gal water Example: Pachysandra	1	5 teaspoons	6 1/3 Tablespoon s
1 ½ fl oz per gal water Example: Conifers	1	1 ½ fl oz (3 Tbs)	2 ½ fl oz (5 Tbs)
1 ¼ fl oz per 4-gal water Example: Roses	4	1¼ fl oz (2½ Tbs)	14 ¼ fl oz (1¼ cups + 1½ Tbs)

HOW TO APPLY: Spray thoroughly to cover all plant surfaces.

VEGETABLES & MELONS DISEASES CONTROLLED	AMOUNT TO USE (for each 200 sq ft) [DNS illustration] See p. 2 & 3 for Ortho® Dial 'n Spray® directions.	WHEN TO APPLY Avoid spraying plants during extremely hot & sunny weather. Do not spray wilted plants.	DAYS TO WAIT TO HARVEST
Beans (green) Rust & Gray Mold	1 Tbs per gal water	(1) Start spraying during early bloom or at first sign of disease. (2) Apply every 7 days to maintain control.	7
Broccoli, Brussels Sprouts, Cabbage & Cauliflower • Alternaria Leaf Spot & Downy Mildew • Ring Spot in Brussels Sprouts (CA only)	• 1½ tsp per gal water • 2 tsp per gal water	(1) (a) Start spraying when conditions favor disease, • (b) or after transplanting • (b) or when sprouts appear. (2) Apply every 7 to 10 days.	0
Carrots Early & Late Blight	2 tsp per gal water	(1) Start spraying at first sign of disease. (2) Apply every 7 to 10 days to maintain control.	0

VEGETABLES & MELONS DISEASES CONTROLLED	AMOUNT TO USE (for each 200 sq ft)	WHEN TO APPLY Avoid spraying plants during extremely hot & sunny weather. Do not spray wilted plants.	DAYS TO WAIT TO HARVEST
Celery <ul style="list-style-type: none"> • Early & Late Blight • Basal Stalk Rot & Pink Rot (suppression) 	<ul style="list-style-type: none"> • 1½ tsp per gal water • 1 Tbs per gal water 	(1) Start spraying after transplanting. (2) Apply every 7 days. <ul style="list-style-type: none"> • (2) Apply every 7 days. 	7
Corn (sweet) Helminthosporium Leaf Blight & Rust Do not apply to corn if you plan to process it.	2 tsp per gal water	(1) Start spraying when conditions favor disease. (2) Apply every 7 to 10 days to maintain control.	14
Cucumbers, Melons, Pumpkins & Squash <ul style="list-style-type: none"> • Anthracnose, Downy Mildew & Target Spot • Scab, Gummy Stem Blight (Black Rot), Leaf Blight, Leaf Spot, Powdery Mildew (except southwestern states) & Fruit Rot on Cucumbers (suppression) 	<ul style="list-style-type: none"> • 2 tsp per gal water • 1 Tbs per gal water 	(1) Start spraying when plants are in the first true leaf stage or when conditions favor disease. (2) Apply every 7 days to maintain control.	0
Onion, Leek, Shallot & Garlic Botrytis Leaf Blight (Blast), Purple Blotch & Downy Mildew (suppression)	1 Tbs per gal water	(1) Start spraying at first sign of disease. (2) Apply every 7 to 10 days. However, do not use more than 3 times per season on green onion, leek or shallot.	Onion (green), Leek & Shallot: 14 Onion (dry bulb) & Garlic: 7
Potato Early & Late Blight & Botrytis Vine Rot	1½ tsp per gal water	(1) Start spraying when plants are 6 inches high or at first sign of disease. (2) Apply every 5 days to maintain control.	7

<p>Tomato Early & Late Blight, Gray & Septoria Leaf Spots, Gray Leaf Mold, Anthracnose, Alternaria Fruit Rot (Black Mold), Rhizoctonia Fruit Rot & Botrytis Gray Mold</p>	<p>1 Tbs per gal water</p>	<p>(1) Start spraying when conditions favor disease. (2) Apply every 7 to 10 days to maintain control.</p>	<p>0</p>
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HOW TO APPLY: Spray thoroughly to cover all plant surfaces.

<p>FRUIT TREES DISEASES CONTROLLED</p>	<p>AMOUNT TO USE [DNS illustration] See p. 2 & 3 for Ortho® Dial 'n Spray® directions.</p>	<p>WHEN TO APPLY</p>
<p>Peach, Nectarine & Apricot</p> <ul style="list-style-type: none"> • Peach Leaf Curl & Coryneum Blight (Shothole) • Brown Rot Blossom Blight & Scab 	<p>2 1/4 tsp per gal water</p>	<p>Do not apply between fruit formation and harvest.</p> <ul style="list-style-type: none"> • (1) Spray at leaf fall in late autumn. (2) Reapply 1 to 2 more times in mid to late winter before buds begin to swell. <p>Additional directions for Shothole, to prevent fruit infections: (3) Also apply 1 to 2 weeks after petal fall when fruit just begins to form.</p> <ul style="list-style-type: none"> • (1) Spray when buds begin to show color. (2) Reapply at full bloom. (3) If cool, moist weather continues, make a 3rd application at petal fall. (4) Apply once more when fruit just begins to form.
<p>Cherry, Plum & Prune</p> <ul style="list-style-type: none"> • Brown Rot Blossom Blight • Cherry Leaf Spot on cherries 	<p>2 1/4 tsp per gal water</p>	<p>Do not apply between fruit formation and harvest.</p> <p>(1) Spray when buds begin to show color. (2) Reapply at full bloom. (3) If cool, moist weather continues, make a 3rd application at petal fall.</p> <p>Additional directions for Cherry Leaf Spot: (4) Also apply when fruit just begins to form. (5) And again 7 days after fruit is removed. (6) Apply once more 10 to 14 days later, if tree has a history of leaf spot.</p>

Papaya Alternaria Fruit Spot, Anthracnose & Stem End Rot	1½ tsp per gal water	(1) Start spraying when fruit spots appear (April to July). (2) Spray every 14 days until dry weather returns.
Passion Fruit (Hawaii only) Alternaria Fruit & Leaf Spot (Passion Fruit Brown Spot)	¾ tsp per gal water	(1) Start spraying before spots appear on fruit (April to July). (2) Spray every 14 days until dry weather returns.

HOW TO APPLY

Spray thoroughly to cover all plant surfaces.

WHEN TO APPLY

Apply every 7 to 14 days (unless otherwise specified) until conditions no longer favor disease. During periods when conditions favor severe disease, generally cloudy or wet weather, use the shorter interval between applications.

[DNS illustration] See p. x for ORTHO® Dial 'n Spray® directions

AMOUNT TO USE

Roses: 1½ fl oz (2½ Tbs) per 4-gal water

Pachysandra: 5 tsp per gal water

Conifers (Pine, Douglas Fir & Spruce)

- 1½ tsp per gal water
 - Needlecast, Rhabdocline & Swiss Needlecast on Douglas Fir
 - Scleroderris Canker on Pine
 - Lophodermium Needlecast
- 1½ fl oz (3 Tbs) per gal water
 - Rhizosphaera Needlecast on Spruce
 - Scirrhia Brown Spot on Pine

Other Ornamental Plants: 2¼ tsp per gal water

PLANTS	DISEASES CONTROLLED	SUGGESTED TIMING FOR FIRST APPLICATION
Ash	Cercospora, Cercosporidium & Cylindrosporium Leaf Spots	Spring bud break
Azalea & Rhododendron (Discoloration of blooms has been noted on certain varieties when applied during flowering.)	<ul style="list-style-type: none"> • Phytophthora Die-Back • Ovulinia Flower Blight 	<ul style="list-style-type: none"> • New leaf emergence • Early bloom
Buckeye (Horse Chest nut)	Leaf Blotch & Anthracnose	Spring bud break
Carnation	<ul style="list-style-type: none"> • Alternaria Leaf Spot • Branch Rot & Botrytis 	<ul style="list-style-type: none"> • Transplant of cuttings • Cool, moist conditions

Cherry-Laurel	Cercospora Leaf Spot	Petal fall
Chrysanthemum (Daisy)	Mycosphaerella Ray Blight & Septoria Leaf Spot	Transplant of cuttings
Conifers (Pine, Douglas Fir & Spruce)	<ul style="list-style-type: none"> • -Needlecast, Rhabdocline & Swiss Needlecast on Douglas Fir -Scirrhia Brown Spot & Scleroderris Canker on Pine -Rhizosphaera Needlecast on Spruce • Lophodermium Needlecast 	<ul style="list-style-type: none"> • (1) Start spraying in spring when new shoots are ½ to 2 inches long. (2) Spray every 3 to 4 weeks until dry weather returns. • (1) North Central & Northeastern States: Start spraying in mid-July to early August before disease occurs. (2) Spray every 3 to 4 weeks until dry weather returns.

PLANTS	DISEASES CONTROLLED	SUGGESTED TIMING FOR FIRST APPLICATION
Crabapple	Scab, Cedar-apple Rust & Sphaeropsis Leaf Spot	Spring bud break
Dogwood	<ul style="list-style-type: none"> • Anthracnose (Discula sp.) • Septoria Leaf Spot 	<ul style="list-style-type: none"> • Spring bud swell • Early bloom
Dracaena	Fusarium Leaf Spot	Pre-transplant
Euonymus	Anthracnose	Spring bud break
Flowering Almond, Flowering Quince, Flowering Cherry & Hawthorn	<ul style="list-style-type: none"> • Monilinia Blossom / Branch Blight • Rust & Fabraea Leaf Spot 	<ul style="list-style-type: none"> • Early bloom • Pre-bloom
Geranium	<ul style="list-style-type: none"> • Botrytis Flower Blight (Gray Mold) • Rust 	<ul style="list-style-type: none"> • Pre-bloom • Cool, moist conditions
Gladiolus	Curvularia Leaf/Flower Spot & Botrytis Leaf/Flower Spot	Early propagation
Holly	Rhizoctonia Web Blight	Warm, moist conditions
Hollyhock	Rust	Early seedling stage
Hydrangea (foliage only) (Discoloration of blooms has been noted on certain varieties when applied during flowering.)	Cercospora & Septoria Leaf Spots, & Rust	Early propagation
Iris	Botrytis Blossom Blight & Didymellina Leaf Spot	Cool, moist conditions

Leatherleaf Fern	Ascochyta & Rhizoctonia Blights, Cercospora & Cylindrocladium Leaf Spots	Spring bud break
Lily	Botrytis Gray Mold (foliar phase) & Phytophthora Blight	Pre-bloom
Mountain Laurel	Cercospora Leaf Spot	Spring bud break

PLANTS	DISEASES CONTROLLED	SUGGESTED TIMING FOR FIRST APPLICATION
Oak (red group only)	Taphrina Blister, Actinopelte Leaf Spot & Anthracnose	Dormant bud swell
Oregon-Grape (Mahonia)	Rust	Spring bud break
Oyster Plant (Rhoeo)	Tan Leaf Spot	Early propagation
Pachysandra	Volutella Leaf Blight	Spring bud break
Parlor Palm (Chamaedorea)	Bipolaris Leaf Spot (Helminthosporium)	Cool, moist conditions
Petunia (Discoloration of blooms has been noted on certain varieties when applied during flowering.)	Botrytis Gray Mold (foliar phase), Phytophthora & Botrytis Blights	Pre-bloom
Philodendron	Phytophthora Blight & Dactylaria Leaf Spot	Moist conditions
Photinia	Fabraea (Entomosporium) Leaf Spot	Spring bud break
Pieris (Andromeda)	Phytophthora Die-Back	New leaf emergence
Poplar	Marssonina Leaf Spot	Spring bud break
Prayer Plant (Maranta)	Helminthosporium Leaf Spot	Early propagation
Privet	Cercospora Leaf Spot	Prolonged wet conditions
Pyracantha (Firethorn)	Scab	Spring bud break
Rose	Black Spot & Botrytis Blight	Spring bud break
Statice	Anthracnose, Cercospora & Alternaria Leaf Spots & Botrytis Leaf Blight	Spring bud break
Sycamore (Planetree)	Anthracnose	Spring bud break
Syngonium	Cephalosporium Leaf Spot	Warm, moist conditions
Viburnum	Powdery Mildew	Mid-summer
Zinnia	Powdery Mildew	First sign of disease

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: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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.

FIRST AID: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physicians: Emergency Information call 1-800-225-2883 .

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Questions, Comments or Medical Information?
Call 1-800-225-2883 www.ortho.com

DACONIL 2787® , Weather Stik® and the Weather Stik Logo® are Registered Trademarks of a Zeneca Group Company

Manufactured for
The ORTHO Group
P.O. Box 190
Marysville, OH 43040
EPA Reg. No. 239-2522
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number.
Made in USA