

PM 22

50534-207

Sheet

10/18



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
50534-207

Date of Issuance:
APR 14 1994

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Daconil 2787 WSB

Name and Address of Registrant (Include ZIP Code):

ISK Biotech Corp.
5966 Heisley Road
P.O. Box 8000
Mentor, OH 44061-8000

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes listed below before you release the product for shipment:
 - a. Add the phrase, "EPA Reg. No. 50534-207".
 - b. The front panel referral statement must indicate the location of the precautionary statements on the label.

Signature of Approving Official:
[Handwritten Signature]

Date:
APR 14 1994

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3. Submit one (1) copy 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.

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

Enclosure

30/18

PROPOSED LABEL

Net Contents: 3 Pounds

Logo:

DACONIL 2787[®] WSB
In Water Soluble Bags

Turf Care[®]
Turf and Ornamental Fungicide
(75% Wettable Powder)

| | |
|---|--------------|
| Active Ingredient: | |
| Chlorothalonil (tetrachloroisophthalonitrile) | 75.0% |
| Inert Ingredients: | <u>25.0%</u> |
| Total: | 100.0% |

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

See precautionary statements

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

DACONIL 2787 and TURF CARE are registered trademarks of ISK Biotech Corporation

ISK Biotech Corporation
5966 Heisley Road
Mentor, OH 44061-8000

DACONIL 2787
Wettable Powder
In Water Soluble Bags

APR 14 1994

IF YOU ARE A FARMER OR GROWER
OF TURF OR ORNAMENTALS
AND YOU WANT TO REGISTER
THIS PRODUCT FOR YOUR STATE

50534-207

EPA Reg. No. 50534-
EPA Est. No. _____

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Corrosive; causes severe eye damage. Harmful if inhaled. Harmful if swallowed, or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist. DO NOT get in eyes, on skin, or on clothing. DO NOT take internally.

Note to User: This product may produce mild bronchial irritation and temporary irritation of the skin characterized by redness or rash on exposed skin areas. Affected persons should consult a physician.

FIRST AID

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

If on skin: Wash with plenty of soap and water. Get medical attention.

Note to physician: Persons having temporary irritation may 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, to areas where surface water is present, or to intertidal areas below the mean high water mark. DO NOT apply when weather conditions favor drift from treated areas. Apply only to areas specified on label. DO NOT contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

SEE ENCLOSED FOLDER FOR DIRECTIONS FOR USE.

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry place. Exposure to moisture or excessive handling of water soluble bags may cause breakage. Do not open protective outer bags before use.

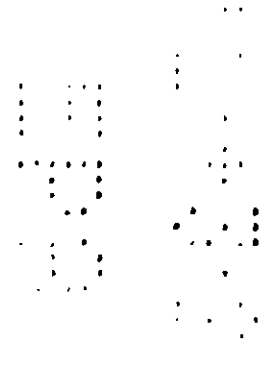
Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Outer cardboard carton may be recycled. Do not reuse packaging materials. Dispose of empty packaging in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practice.



60418

Daconil 2787® WSB in Water Soluble Bags

Turf Care®
Turf and Ornamental Fungicide
(75% Wettable Powder)

| | |
|---|--------|
| Active Ingredient: Chlorothalonil (tetrachloroisophthalonitrile) | 75.0% |
| Inert Ingredients: | 25.0% |
| Total: | 100.0% |

DACONIL 2787 and TURF CARE are Registered Trademarks of ISK Biotech Corporation.

Keep Out of Reach of Children

) DANGER - PELIGRO

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(If you do not understand the label, find someone to explain it to you in detail.)

If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

See precautionary statements.

ISK Biotech Corporation
5966 Heisley Road
P.O. Box 8000
Mentor, Ohio 44061-8000.

) EPA Reg. No. 50534-
EPA Est. No.

3202-4020-8007-9306H

7048

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

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If in eyes: Immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

If on skin: Wash with plenty of soap and water. Get medical attention.

Note to physician: Persons having temporary irritation may respond to treatment with antihistamines or steroid creams and/or systemic steroids.

Personal Protective Equipment (PPE):

WPS USES: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

NON-WPS USES: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) -- in general, only agricultural-plant uses are covered -- must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- * Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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, to areas where surface water is present, or to intertidal areas below the mean high water mark. DO NOT apply when weather conditions favor drift from treated areas. Apply only to areas specified on label. DO NOT contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT combine DACONIL 2787 WSB in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use. DO NOT combine DACONIL 2787 WSB with Dipel 4L, Foil, Triton AG-98, Triton B-1956, Latron B-1956 or Latron AG-98 as phytotoxicity may result from the combination when applied to some species on this label.

Dipel is a registered trademark of Abbott Laboratories. Foil is a registered trademark of Ecogen Corporation. Triton AG-98, Triton B-1956, Latron B-1956 and Latron AG-98 are trademarks of Rohm and Haas Company.

MIXING INSTRUCTIONS: DACONIL 2787 WSB is packaged in 3-lb. water soluble bags consisting of an outer package (not water soluble) and an inner water soluble bag. Determine size of area (acres) to be treated and amount of water needed (gallons per acre) to provide adequate coverage of the foliage. Then, partially fill spray tank with 1/4 to 1/2 of the amount of water needed. Refer to the specific sections for turf, ornamentals, and/or conifers for disease control directions below and determine the amount of DACONIL 2787 WSB required to treat 1 acre. Then determine the correct number of 3 pound water soluble bags needed to treat the total area to be sprayed which will give the correct rate per acre. Remove outer protective (not soluble) container and immediately place entire unopened inner bag(s) into the partially filled sprayer or mix tank. Do not open inner container. Do not use partial contents of a bag. Avoid excessive handling of the water soluble bag or excessive exposure of it to moisture, since this may cause rupturing. Continue filling sprayer or mix tank with water until the required amount of water is added. Do not spray until the inner bag is completely dissolved and its contents are thoroughly dispersed in the spray tank. Maintain adequate agitation during mixing and spraying.

Reseal outer carton to protect remaining unused packets.

Golf Course Fairways, Lawns and Other Turfgrasses:

Apply DACONIL 2787 WSB in 30 to 40 gallons of water per acre. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; DACONIL 2787 WSB should always be used in conjunction with good turf management practices.

| Diseases Controlled* | Interval of Application | Application Rate Per Acre |
|--|-------------------------|----------------------------------|
| 1. Dollar spot | 7-10 days 14-21 days | 2.75a/ to 5.5 lb 5.5 to 10 lb |
| 2. Leaf spot, Melting-out, Brown blight | 7-10 days 14-21 days | 5.5 lb 5.5 to 10 lb |
| 3. Brown patch | 7-14 days | 5.5 to 10 lb |
| 4. Gray leaf spot | 7-10 days | 5.5 to 11 lb |
| 5. Red thread | 7-10 days | 5.5 to 16 lb |
| 6. Anthracnose | 7-14 days | 8 to 16 lb |

a/ Low rate is not effective on intensively mowed turfgrasses such as golf course tees and greens.

Golf Course Tees, Greens and Ornamental Turfgrass:

Apply DACONIL 2787 WSB in an adequate amount of water to provide complete coverage. This amount may vary from 90 to 450 gallons per acre. See below for suggested rates and timing. Under severe disease conditions, use the high rate and apply on a 7 day schedule.

| Diseases Controlled* | Interval of Application | Rate: Pounds Per Acre | |
|--|-------------------------|-----------------------|----------------------------|
| | | Before Disease Occurs | After Disease Has Occurred |
| 1. Dollar spot | 7-14 days | 5.5 - 11 | 11 - 22 |
| 2. Brown patch | 7-14 days | 5.5 - 11 | 11 - 22 |
| 3. Leaf spots, Melting-out | 7-10 days | 5.5 - 11 | 11 - 22 |
| 4. Gray leaf spot | 7-10 days | 5.5 - 11 | 11 - 22 |
| 5. Red thread | 7-10 days | 5.5 - 16.5 | 16.5 - 22 |
| 6. Anthracnose | 7-14 days | 8.3 - 16.5 | — |
| 7. Copper spot | 7-10 days | 11 - 16.5 | 16.5 - 22 |
| 8. Stem rust (bluegrass) | 7-14 days | 11 - 16.5 | 16.5 - 22 |
| 9. DICHONDRA: Leaf spot (California only) | 7-14 days | 11 - 16.5 | 16.5 - 22 |

*Diseases listed are caused by fungi, some of which are named as follows:

- Dollar spot: *Sclerotinia homeocarpa*; *Lanzia* or *Moellerodiscus* spp.
- Brown patch: *Rhizoctonia solani*, *R. zaeae*, *R. cerealis*
- Leaf spots, Melting-cut, Brown blight: *Drechslera* spp. (including *D. poae*, *D. siccans*), *Bipolaris sorokiniana*, *Curvularia* spp.
- Gray leaf spot: *Pyricularia grisea*, *P. oryzae*
- Red thread: *Laetisaria fuciformis*
- Anthracnose: *Colletotrichum graminicola*
- Copper spot: *Gloeocercospora sorghi*
- Stem rust: *Puccinia graminis*
- Dichondra leaf spot: *Alternaria* spp.

Gray snow mold caused by *Typhula* spp. - Apply in sufficient water to obtain adequate coverage (90 to 450 gallons per acre). Apply 14.4 to 28.8 pounds of DACONIL 2787 WSB per acre of turf area. Application must be made before snow cover in autumn. Use the higher rate if turf layer remains frozen prior to snow cover. If snow cover is intermittent or lacking during the winter, re-apply DACONIL 2787 WSB at 14.4 pounds per acre at monthly intervals until gray snow mold conditions no longer prevail. In areas where pink snow mold (*Gerlachia* or *Fusarium* patch) is likely to occur, apply DACONIL 2787 WSB at 14.4 pounds per acre in combination with products containing either benomyl at 44 ounces active ingredient per acre, or iprodione at 88 ounces active ingredient per acre of turf area. Read and observe all label directions for products containing these active ingredients.

Fusarium (Gerlachia) Patch: For control of *Fusarium* patch only in areas where snow cover is intermittent or lacking during the winter, apply 14.4 to 28.8 pounds of DACONIL 2787 WSB per acre of turf area. Begin applications in late autumn and re-apply at 21 to 28 day intervals until conditions favorable for *Fusarium* patch no longer prevail.

Algal Scum: For prevention of algal scum on turfgrasses caused by cyanobacteria of the genus *Lyngbia*, apply DACONIL 2787 WSB at the rate of 5.5 to 11 pounds per acre on a 7 to 14 day schedule. Under severe scum conditions, use the high rate and apply on a 7 day schedule. When algal scum is well established, every attempt should be made to dry out the afflicted area. Once dry, spiking or verticutting should be done to enhance turfgrass recovery in conjunction with DACONIL 2787 WSB applications at the rate of 11 to 22 pounds per acre on a 7 to 14 day schedule. Several applications of DACONIL 2787 WSB at the high rate may be necessary for turfgrass recovery. Only a preventive spray program with DACONIL 2787 WSB will prevent a recurrence of the algae when environmental conditions are favorable for algal growth.

Ornamental Plants:

Apply DACONIL 2787 WSB at a rate of 1.5 pounds per 100 gallons of water unless other directions are given in the tables below. Apply in a spray to run-off, when conditions are favorable for disease development. Repeat applications at 7 to 14 day intervals until conditions are no longer favorable. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, apply DACONIL 2787 WSB at 7 day intervals. DACONIL 2787 WSB should be applied to plants when both foliage and flowers are dry, or nearly dry.

DO NOT combine DACONIL 2787 WSB in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination to be physically compatible, effective and noninjurious under your conditions of use.

DACONIL 2787 WSB may be used in greenhouses. DO NOT use mistblowers or high pressure spray equipment when making applications of DACONIL 2787 WSB in greenhouses.

Use of DACONIL 2787 WSB is recommended for control of fungal diseases referred to by numbers in parentheses following each ornamental. Ornamentals listed on this label have been tested and found to tolerate applications of DACONIL 2787 WSB at the recommended rates. The user should test for possible phytotoxic responses, using recommended rates on ornamental plants on a small area prior to commercial use. Applications made during bloom may damage flowers and/or fruits.

Fruits and other structures which may be borne on treated plants MUST NOT BE EATEN.

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Ornamentals Recommended for Treatment With DACONIL 2787 WSB

BROADLEAF SHRUBS AND TREES

- | | |
|----------------------------|----------------------------|
| Andromeda (Pieris) (4) | Holly (1) |
| Ash (Fraxinus) (1) | Lilac (5) |
| Aspen (1) | Magnolia (1) |
| Azalea (1,2,4) | Maple (1) |
| Buckeye, Horsechestnut (1) | Mountain Laurel (1) |
| Cherry-Laurel (1) | Oak (red group only) (1,7) |
| Crabapple (1,6,3) | Oregon-Grape (Mahonia) (6) |
| Dogwood (1) | Photinia (1) |
| Eucalyptus (3) | Poplar (1) |
| Euonymus (1) | Privet (Ligustrum) (1) |
| Firethorn (Pyracantha) (1) | Rhododendron (1,2,4) |
| Flowering Almond (1,2) | Sand Cherry (1,2) |
| Flowering Cherry (1,2) | Sequoia (1) |
| Flowering Peach (1,2) | Spiraea (1) |
| Flowering Plum (1,2) | Sycamore, Planetree (1) |
| Flowering Quince (1,2) | Viburnum (5) |
| Hawthorn (1,6) | Walnut (Juglans) (1) |

FLOWERING PLANTS^{a/} and BULBS

- | | |
|--------------------------------|------------------|
| Arabian Violet (2) | Iris (1,2) |
| Begonia (1) | Lily (1) |
| Camellia (2) | Marigold (1) |
| Carnation (1,2) | Narcissus (1) |
| Chrysanthemum (1,2) | Pansy (1) |
| Crocus (1) | Petunia (1,4) |
| Daffodil (1) | Phlox (1) |
| Daisy (1) | Poinsettia b/(1) |
| Geranium (1,6) | Rose c/(1) |
| Gladiolus (1,2) | Statice (1) |
| Hollyhock (6) | Tulip (1) |
| Hydrangea (foliage only) (1,6) | Zinnia (1,5) |

a/ Avoid applications during bloom period on plants where flower injury is unacceptable.
b/ Discontinue applications prior to bract formation; phytotoxicity is possible on the bracts.
c/ Use 1 pound per 100 gallons of water.

FOLIAGE PLANTS

- Aglaonema (1)
- Areca palm (1)
- Artemesia (1)
- Boston fern (1)
- Dumbcane (Dffenbachia) (1)
- Dracaena (1)
- Fatsia (Aralia) (1)
- Ficus (1)
- Florida Ruffle Fern (1)
- Leatherleaf Fern (1)
- Lipstick plant (1)
- Ming aralia (1)
- Oyster Plant (Rhoec) (1)
- Pachysandra d/(1)
- Parlor palm (Chamaedorea) (1)
- Peperomia (1)
- Philodendron (1,4)
- Prayer Plant (Maranta) (1)
- Syngonium (1)
- Zebra plant (Aphelandra) (1)

d/ Use 3 pounds of DICONIL 2787 WSB per 100 gallons of water.

Diseases Controlled with DICONIL 2787 WSB

1. Leafspots/Foliar Blights:

- Actinopelte leafspot
- Alternaria leafspot/ leaf blight
- Anthravnose leaf blotch, spot
- Anthravnose (Discula) blight
- Ascochyta blight
- Bipolaris (Helminthosporium) leafspot
- Botrytis leafspot, leaf blight
- Cephalosporium leafspot
- Cercospora leafspot
- Cercosporidium leafspot
- Corynespora leafspot
- Coryneum blight (shothole)
- Curvularia leafspot
- Cylindrosporium leafspot
- Dactylaria leafspot
- Didymellina leafspot
- Drechslera leafspot
- Fabraea (Entomosporium) leafspot
- Fusarium leafspot
- Gloeosporium black leafspot
- Ink spot (Drechslera)
- Marssonina leafspot
- Monilinia blossom blight, twig blight
- Mycosphaerella ray blight
- Myrothecium leafspot, brown rot
- Nematostoma leaf blight
- Phyllosticta leafspot
- Ramularia leafspot
- Rhizoctonia web blight
- Septoria leafspot
- Sphaeropsis leafspot
- Stagonospora leaf scorch
- Tan leafspot (Curvularia)
- Volutella leaf blight

2. Flower spots/blights:

- Botrytis flower spot, flower blight
- Curvularia flower spot
- Monilinia blossom blight
- Ovulinia flower blight
- Rhizopus blossom blight
- Sclerotinia flower blight

3. Cylindrocladium stem canker

4. Phytophthora leaf blight, dieback

5. Powdery mildews:

- Erysiphe cichoracearum
- Microsphaera spp.

6. Rusts:

Gymnosporangium spp. Puccinia spp.
Pucciniastrum hydrangeae

7. Taphrina blister

8. Scab (Venturia inaequalis)

The following ornamental plant species which have been tested with DACONIL 2787 WSB at recommended rates did not exhibit phytotoxicity:

| Botanical Name | Common Name |
|----------------------------------|---------------------------|
| Aechmea fasciata | Aechmea |
| Araucaria heterophylla | Norfolk Island Pine |
| Asplenium nidus | Birdnest Fern |
| Bougainvillea spp. | Bougainvillea |
| Caladium spp. | Caladium |
| Calathea makoyana | Peacock plant |
| Calistephus chinensis | Aster |
| Carissa grandiflora | Natal plum |
| Clerodendron thomsonae | Bleeding Heart |
| Codiaeum spp. | Croton |
| Cordyline terminalis | Ti Plant |
| Crassula argentea | Jade Plant |
| Cyrtomium falcatum | Holly Leaf Fern |
| Dionaea muscipula | Venus Fly Trap |
| Dizygotheca elegantissima | False Aralia |
| Epipremnum aureum | Golden Pothos, Scindapsus |
| Episcia cupreata | Flame Violet |
| Fittonia spp. | Silver-nerve Plant |
| Gerbera jamesonii | Gerbera Daisy |
| Gynura sarmentosa | Purple Passion Vine |
| Gypsophila paniculata | Baby's Breath |
| Hoya spp. | Wax Plant |
| Ilex cornuta | Chinese Holly |
| Ilex crenata | Japanese Holly |
| Impatiens spp. | Impatiens |
| Pilea cadierei | Aluminum Plant |
| Platynerium spp. | Staghorn Fern |
| Sansevieria trifasciata "Hahnii" | Birdsnest Sansevieria |
| Tolmeia menziesii | Piggy-back Plant |
| Yucca elephantipes | Spineless Yucca |
| Zygocactus truncatus | Christmas Cactus |

NOTE: DO NOT apply DACONIL 2787 WSB to either green or variegated Pittosporum or to Schefflera, as multiple applications have been demonstrated to cause phytotoxic responses.

CONIFERS: Apply DACONIL 2787 WSB in sufficient water and with proper calibration to obtain uniform coverage of tree canopy. Ground application equipment is preferable to aerial application because ground applications generally give better coverage of the tree canopy. If aerial application is not feasible, DACONIL 2787 WSB may be applied with aircraft using at least 20 gallons per acre. When concentrate sprays are used on bearing or immature trees, the lower rate of DACONIL 2787 WSB listed may be used. DO NOT allow livestock to graze in treated areas. Spray volumes are recommended as gallons of spray per acre:

| | Dilute | Concentrate |
|-----------------|----------|---|
| Forest stands | Not used | 10 to 20 (aircraft) |
| Christmas trees | 100 | 10 to 50 (aircraft or ground equipment) |
| Nursery beds | 100 | 5 to 10 (ground equipment only) |

| Diseases | DACONIL 2787 WSB RATE PER | | APPLICATION DIRECTIONS |
|--|---------------------------|-----------------|--|
| | Acre | 100 GAL* | |
| Swiss needlecast | 2.75 to 5.0 lbs | 2.75 to 5.0 lbs | Single application technique: In Christmas tree plantations or forests, make one application in the spring when new shoot growth is 1/2 to 2 inches in length. |
| Scleroderris canker (pines), Swiss needlecast (Douglas-fir) | 1.5 to 2.75 lbs | 1.5 to 2.75 lbs | Make the 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 conditions no longer favor disease development. |
| Sirococcus tip blight | 2 to 3.5 lbs | 2 to 3.5 lbs | For use in nursery beds, apply the highest rate specified on a 3 week interval. |
| Rhizosphaera needlecast (spruces) Scirrhia brown spot (pines) | 5.5 lbs | 5.5 lbs | |
| Cyclaneusma and Lophodermium needlecasts (pines) | 2.75 to 5.5 lbs | 2.75 to 5.5 lbs | Apply in early spring prior to budbreak. Repeat applications at 3 to 4 week intervals, until spore release ceases in late fall. Apply monthly during periods of rainfall, and where Lophodermium infections occur during dormant periods. During drought periods, applications may be suspended, then resume applications when conditions favor disease development. |
| Rhabdocline needlecast (Douglas-fir) | 1.5 to 2.75 lb | 1.5 to 2.75 lb | Apply at budbreak and repeat at 3 to 4 week intervals until needle conditions no longer favor disease development. In plantations of Douglas-fir where irregular budbreak occurs, apply weekly until all trees have budbreak, then repeat at 3 to 4 weeks as specified above. In nursery beds, use the high rate. |
| Botrytis seedling blight | 1.5 to 2.75 lb | 1.5 to 2.75 lb | Begin applications in nursery beds when seedlings are 4 inches tall. Repeat applications at 3 to 4 week intervals until conditions favor disease development. Make additional applications as long as disease favorable conditions persist. |

* Volumetric rates to be used only with full dilute spray volume specified on this label.

specialists, equipment manufacturers or other experts.

DO NOT apply this product through irrigation systems connected to a public water system. "Public water system" means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year.

Controls for both irrigation water and pesticide injection systems must be functionally interlocked, so as to automatically terminate pesticide injection when the irrigation water pump motor stops. A person knowledgeable of the irrigation system and responsible for its operation shall be present so as to discontinue pesticide injection and make necessary adjustments, should the need arise.

The irrigation water pipeline must be fitted with a functional, automatic, quick-closing check valve to prevent the flow of treated irrigation water back toward the water source. The pipeline must also be fitted with a vacuum relief valve and low pressure drain, located between the irrigation water pump and the check valve, to prevent back-siphoning of treated irrigation water into the water source.

Always inject **DACONIL 2787 WSB** into irrigation water after it discharges from the irrigation pump and after it passes through the check valve. Never inject pesticides into the intake line on the suction side of the pump.

Pesticide injection equipment must be fitted with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump. Interlock this valve to the power system, so as to prevent fluid from being withdrawn from the chemical supply tank when the irrigation system is either automatically or manually turned off.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur. Do not apply when wind speed favors drift beyond the area intended for treatment.

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area

towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2-1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

This sign is in addition to any sign posted to comply with the Worker Protection Standard.

DACONIL 2787 WSB may be used through two basic types of sprinkler irrigation systems as outlined in Sections A and B below. Determine which type of system is in place, then refer to the appropriate directions provided for each type.

A. Center Pivot, Motorized Lateral Move and Traveling Gun Irrigation Equipment

For injection of pesticides, these continuously moving systems must use a positive displacement injection pump, of either diaphragm or piston type, constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock and capable of injection at pressures approximately 2-3 times those encountered within the irrigation water line. Venturi applicator units cannot be used on these systems.

Fill chemical supply tank of injection equipment with water. Operate system for one complete revolution or run across the field, measuring time required, amount of water injected, and acreage covered.

Thoroughly mix recommended amount of DACONIL 2787 WSB for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Mixture in the chemical supply tank must be continuously agitated during the injection run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until DACONIL 2787 WSB has been cleared from last sprinkler head.

B. Solid Set and Portable (Wheel Move, Side Roll, End Tow, or Hand Move) Irrigation Equipment

With stationary systems, an effectively designed in-line venturi applicator unit is preferred which is constructed of materials that are compatible with pesticides; however, a positive-displacement pump can also be used.

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of DACONIL 2787 WSB for acreage to be covered with water so that the total mixture of DACONIL 2787 WSB plus water in the injection tank is equal to the quantity of water used during calibration, and operate entire system at normal pressures recommended by the manufacturer of injection equipment used, for amount of time established during calibration. Agitation is recommended. DACONIL 2787 WSB can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until DACONIL 2787 WSB has been cleared from last sprinkler head.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a cool, dry place. Exposure to moisture or excessive handling of water soluble bags may cause breakage. Do not open protective outer bags before use.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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 Environment Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Outer cardboard carton may be recycled. Do not reuse packaging materials. Dispose of empty packaging in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

) Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made. ✓

) Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practice.