



For control of certain diseases in turf, and ornamentals and non-bearing fruit and nut trees in nursery and landscape settings

Active Ingredient:

| | |
|---|--------|
| propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole..... | 41.8% |
| Inert Ingredients..... | 58.2% |
| Total..... | 100.0% |

Contains petroleum distillates.

Keep Out of Reach of Children
WARNING
AVISO

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.)

Refer to label booklet for Directions for Use including Storage and Disposal.

Notice: Read the entire label before using. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-424-9300.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-346-10404
EPA Est. 34704-MS-002
900-011047 / 00255352

Manufactured for:
LESCO, Inc.
1301 East 9th Street • Cleveland, OH 44114-1849

LESCO is a registered trademark and Spectator and the sweeping design are trademarks of LESCO Technologies, LLC

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING: Causes Substantial But Temporary Eye Injury • Harmful If Swallowed, Inhaled, Or Absorbed Through Skin • Prolonged or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing spray mist.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks
- 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.

Engineering Control Statements

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 160.240(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.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present,

First Aid (Cont.)

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.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **1-800-424-9300** for emergency medical treatment information.

Note to Physician: There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs. Give a saline laxative and supportive therapy. This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Refer to product labeling for use restrictions to protect endangered species.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Agricultural Use Requirements

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

PEEL FILM HERE

| | | | |
|---|--|---|--|
| Spec. Number: 900-011047 | Template/Master: 900-000364 | Approvals | Artwork: _____ |
| Component MID: 00255352 | Size: 4 3/4" x 11" | | Printer: CCL Label |
| Product Name: LESCO Spectator | Image Area: _____ | Number of Pages: 12 | Other: _____ |
| Spec. Name: Booklet laminated front partial face | Pantone Colors: Black and PMS 021 C Orange Varnish | Accepted Date: 1/30/02 | Notification Date: _____ |
| System Size: 1 qt | | Proof: | <input type="checkbox"/> 1st proof <input type="checkbox"/> 3rd proof <input type="checkbox"/> 5th proof |
| Country: US | | <input checked="" type="checkbox"/> 2nd proof <input type="checkbox"/> 4th proof <input type="checkbox"/> 6th proof | |
| Supersedes: _____ | | Artwork file prepared by: | |
| Reason for Revision: Private Label - New GMID | | | |

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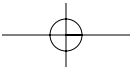
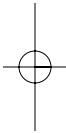
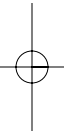
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NOTES





LESKO[®]

SPECTATOR[™]
Turf and Ornamental Fungicide

#086441

NET CONTENTS: 1 qt (0.95 L)

™

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Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Directions for use

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

Read all Directions for Use carefully before applying.

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. 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

Agricultural Use Requirements (Cont.)

box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks
- 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 (WPS) 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.

Entry Restrictions for Non-WPS Uses: Do not enter into treated areas without protective clothing until sprays have dried.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Storage and Disposal (Cont.)

Container Disposal:

Metal: Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Plastic: Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

Use Directions for Turf, Ornamentals and Non-bearing Fruit and Nut Trees

GENERAL INFORMATION

Spectator™ is a systemic fungicide for use on turfgrasses for the control of dollar spot (*Sclerotinia homeocarpa*), brown patch (*Rhizoctonia solani*), anthracnose (*Colletotrichum graminicola*), red thread (*Laetisaria fuciformis*), pink patch (*Limonomyces roseipellis*), rust (*Puccinia graminis*), powdery mildew (*Erysiphe graminis*), stripe smut (*Ustilago striiformis* and *Urocystis agropyri*), summer patch (*Magnaporthe poae*), necrotic ring spot (*Leptosphaeria korrae*), spring dead spot (*Leptosphaeria korrae*, *Leptosphaeria narmari*, *Ophiosphaerella herpotricha*, *Gaeumannomyces graminis*), take-all patch (*Gaeumannomyces graminis*), leafspot (*Bipolaris* spp., *Drechslera* spp.), gray leafspot (*Pyricularia grisea*), pink snowmold (*Microdochium nivale*), Fusarium patch (*Fusarium nivale*), gray snowmold (*Typhula* spp.), yellow patch (*Rhizoctonia cerealis*), and zoysia patch (*Rhizoctonia solani*).

Spectator also controls numerous diseases on ornamentals and other landscape and nursery plantings. It controls powdery mildews, rusts, leafspots, scabs, and blights. Refer to the appropriate section for specified diseases and plants.

Failure to follow the directions for use and precautions on this label may result in plant injury or poor disease control.

Do not apply this product through any type of irrigation system.

Do not use this product as a tree injection treatment.

Mixing Instructions

Fill the tank $\frac{1}{2}$ to $\frac{3}{4}$ full of water. Add the proper amount of Spectator and then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

If this product is mixed with other products, use the following mixing sequence:

1. Always check the compatibility of the tank mix using a jar test with proportionate amounts of Spectator, other chemicals to be used, and the water before mixing in the spray tank.
2. Provide sufficient jet or mechanical agitation during filling and application to keep the tank mix uniformly suspended.
3. Fill tank at least $\frac{1}{2}$ full of clean water.
4. Add wettable powders to the tank first, allowing them to completely suspend in the water before proceeding. This process can be hastened by premixing the product in water before adding to the tank.
5. Add flowables or suspensions next.
6. Add Spectator next.
7. Add other emulsifiable concentrates last.
8. Do not leave tank mixtures in the spray tank for prolonged periods without agitation. Mix and apply them the same day.

Tank Mixes

For broader spectrum disease control, Spectator may be mixed with other fungicides. Spectator is also compatible with numerous herbicides and insecticides. Always check compatibility using a jar test before tank mixing. Add Unite compatibility agent (3 pt/100 gallons) to tank mixes that are incompatible. Follow the directions under Mixing Instructions for tank mixes. Observe all directions, and most stringent precautions and limitations on the labels of all products used in the tank mixture. Tank mixtures or other applications of products referenced on this label are permitted only in those states where referenced products are registered.

DISEASE CONTROL IN TURFGRASSES AND DICHONDRA

1. Use Spectator in a preventative disease control program.
2. Apply in sufficient water to ensure thorough coverage.
3. Apply after mowing OR allow sprayed area to dry completely before irrigation.
4. For control of foliar diseases, allow sprayed area to dry completely before irrigation.

- 5. For control of soil-borne diseases, Spectator can be watered-in immediately after application.
- 6. Under conditions that are optimum for high disease pressure, use the higher recommended rate and shorter interval.
- 7. For optimum turf quality and disease control, use Spectator in conjunction with turf management practices that promote good plant health and optimum disease control.
- 8. Evaluate spray additives prior to use. Label directions are based on data obtained with no additives.
- 9. Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.
- 10. Do not apply more than 5.8 fl oz per 1000 sq ft per year.

Important: Bermudagrass can be sensitive to Spectator. Do not exceed 1.44 fl oz per 1000 sq ft per 30 days on any variety of bermudagrass. In Florida, do not apply Spectator to bermudagrass golf course greens when temperatures exceed 90°F.

Note: Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.

Rate conversion: When treating 1000 sq ft or less, values in rate tables may be difficult to measure accurately in fl oz. In such cases, it is suggested that users measure small quantities in a cylinder graduated in milliliters (1 fl oz = 30 milliliters).

| Fluid Ounces to Milliliters Conversion Table | | | | |
|--|------------|------------|-----|------------|
| 0.18 fl oz | 0.37 fl oz | 0.72 fl oz | 1.1 | 1.44 fl oz |
| 5.4 | 10.8 ml | 21.6 ml | 33 | 43.2 ml |

Turfgrass: Specific Diseases, Rates and Application Timing

| Disease | Application Rate | | Application Timing or Interval | Instructions |
|--|------------------------|------------------|--------------------------------|--|
| | (fl oz per 1000 sq ft) | (fl oz per acre) | | |
| Dollar Spot <i>(Sclerotinia homeocarpa)</i> | 0.18 | 7.9 | 7 days | Apply when conditions are favorable for disease development. |
| | 0.18 | 7.9 | 14 days | Tank mix with low label rate of one of the following contact fungicides: Daconil Ultrex Chipco 26019 |
| | 0.37 | 15.9 | 21 -28 days | Tank mix with the low labeled rate of a contact fungicide containing chlorothalonil. |
| | 0.37 - 0.72 | 15.9 - 31.8 | 14 -28 days | If using the 0.37 - 0.72 fl oz/1000 sq ft rate without tank mixing, make no more than 3 consecutive applications for control of dollar spot before rotating to an alternate EPA-registered fungicide having a different mode of action. |
| Anthracnose <i>(Colletotricum graminicola)</i> | 0.37 - 0.72 | 15.9 - 31.8 | 14 - 28 days | Apply when conditions are favorable for disease development. When disease pressure is high, use a higher application rate and shorten the application interval within ranges given. For broad-spectrum control, tank mix with a registered contact fungicide at the labeled rate. If disease is present, mix 0.72 fl oz of Spectator per 1,000 sq ft with the labeled rate of the above-mentioned contact fungicides. |

Turfgrass: Specific Diseases, Rates and Application Timing (Cont.)

| Disease | Application Rate | | Application Timing or Interval | Instructions |
|---|------------------------|------------------|--------------------------------|--|
| | (fl oz per 1000 sq ft) | (fl oz per acre) | | |
| Brown Patch (<i>Rhizoctonia solani</i>) | 0.37 - 0.72 | 15.9 – 31.8 | 14 - 21 days | Begin application in May or June before disease is present. Tank mix with the labeled rate of a contact fungicide registered for control of brown patch. Under conditions of high temperature and humidity, use a higher application rate and shorten the application interval within ranges given. |
| Powdery Mildew (<i>Erysiphe graminis</i>), Rust (<i>Puccinia graminis</i>) | 0.37 - 0.72 | 15.9 – 31.8 | 14 - 28 days | Apply when conditions are favorable for disease development. If disease is present, use 0.72 fl oz of Spectator per 1000 sq ft. |
| Red Thread (<i>Laetisaria fuciformis</i>) Pink Patch (<i>Lirmonomyces roseipellis</i>) | 0.72 | 31.8 | 14 - 21 days | Apply when conditions are favorable for disease development. |
| Stripe Smut (<i>Ustilago striiformis</i>) (<i>Urocystis agropyri</i>) | 0.37 - 0.72 | 15.9 - 31.8 | Fall or Spring | Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow. |
| Gray Leafspot (<i>Pyricularia grisea</i>) | 0.37 - 0.72 | 15.9 - 31.8 | 14 days | Apply when conditions are favorable for disease development. If using the 0.37 fl oz/1000 sq ft rate, tank mix with a registered contact fungicide at the labeled rate. |
| Melting Out, Leaf Spot (<i>Bipolaris</i> spp.) (<i>Drechslera</i> spp.) | 0.37 - 0.72 | 15.9 - 31.8 | 14 days | For broad spectrum disease control, tank mix the 0.37 - 0.72 fl oz/1000 sq ft rate with a registered contact fungicide at the labeled rate. Under light to moderate pressure and to reduce the severity of leaf spot and melting out caused by <i>Helminthosporium</i> -type pathogens, tank mix the 0.37 fl oz/1000 sq ft rate with a registered contact fungicide at the labeled rate. |
| Summer Patch Poa Patch (<i>Magnaporthe poae</i>) | 0.72 1.44 | 31.8 63.4 | 14 days 28 days | Apply Spectator beginning in April. Use the 0.72 fl oz/1000 sq ft rate on a 14-day schedule or the 1.44 fl oz/1000 sq ft rate on a 28-day schedule. |
| Take-All Patch (<i>Gaeumannomyces graminis</i>) | 0.72 – 1.44 | 31.8 – 63.4 | Spring and Fall | Apply Spectator to reduce the severity of take-all patch. Make 1 or 2 fall applications in September and October or when night temperatures drops below 55°F and 1 or 2 applications in April and May, depending on local recommendations. |

Turfgrass: Specific Diseases, Rates and Application Timing (Cont.)

| Disease | Application Rate | | Application Timing or Interval | Instructions |
|--|------------------------|------------------|--------------------------------|---|
| | (fl oz per 1000 sq ft) | (fl oz per acre) | | |
| Spring Dead Spot (<i>Leptosphaeria korrae</i> , <i>Leptosphaeria narmari</i> , <i>Ophiosphaerella herpotricha</i> , <i>Gaeumannomyces graminis</i>) | 1.44 | 63.4 | 30 days | Make 1 to 3 applications. If a single application is made, apply in September or October. For multiple applications, begin sprays in August. |
| Necrotic Ring Spot (<i>Leptosphaeria korrae</i>) | 1.44 | 63.4 | Fall or Spring | Apply in fall and/or the early spring depending on local recommendations. |
| Snow Mold Gray (<i>Typhula</i> spp.) Pink (<i>Microdochium nivale</i>) | 0.72 – 1.44 | 31.8 – 63.4 | Late Fall | Make one application in the late fall before snow cover. Do not apply on top of snow. For optimum disease control, 0.72 – 1.44 fl oz/1000 sq ft should be tank mixed with either PCNB or chlorothalonil at labeled rates. |
| Fusarium Patch (<i>Fusarium nivale</i>) | 0.72 – 1.44 | 31.8 – 63.4 | Fall - Early Spring | Apply when conditions are favorable for disease development. |
| Yellow Patch (<i>Rhizoctonia cerealis</i>) | 1.1 – 1.44 | 48.1 – 63.4 | Late Fall | Make one application in the late fall before snow cover. Do not apply on top of snow. If using the 1.1 fl oz/1000 sq ft rate, tank mix with a registered contact fungicide at the labeled rate. |
| Zoysia Patch, large patch of zoysia (<i>Rhizoctonia solani</i>) | 1.1 – 1.44 | 48.1 – 63.4 | Early Fall | Make one application in the early fall (mid-September to mid-October) prior to development of disease symptoms. Consult local turfgrass extension experts to determine the optimum application timing for your area. |
| Dichondra Rust (<i>Puccinia dichondrae</i>) | 0.72 | 31.8 | 14 - 21 days | Apply when conditions are favorable for disease development. |

Establishment of Cool Season Turfgrass

Spectator provides control of many diseases of turf, and its primary use is as a fungicide for use against the diseases listed on this label. As an additional benefit, Spectator will improve the rate of establishment when it is applied to cool season grass seedlings or sod.

New Seedlings: Apply 0.37 fl oz/1000 sq ft at the 2 to 3 leaf stage of growth for faster root development and top growth.

Sod: Apply 0.37 fl oz/1000 sq ft 2 to 6 weeks before cutting for increased sod knitting and faster establishment after laying.

DISEASE CONTROL IN ORNAMENTALS AND NON-BEARING FRUIT AND NUT TREES IN NURSERIES (FIELD) AND LANDSCAPE PLANTINGS

- Use Spectator in a preventative disease control program. To determine the use directions for controlling a disease on an ornamental plant species, select the plant species in Table 1. The number(s) in parentheses following the listed plant species refers to the disease(s) controlled in Table 2. Find the disease in Table 2. The letter in brackets following the disease refers to the application regime in Table 3.
- Allow spray to dry before overhead irrigation is applied.
- Optimum benefit of Spectator is obtained when used in conjunction with sound disease management practices.

General Recommendations

Spectator may be used at rates of 0.72 - 8.7 fl oz/100 gallons of water for control of diseases of ornamental plant species (See Tables 1, 2 and 3).

Note: For outdoor uses, up to 2 gallons of Spectator may be applied per acre/crop/year.

For general disease control in landscapes, apply 2.2 - 2.9 fl oz/100 gallons of water every 21 days. For best control, begin applications before disease development.

Note: Plant tolerances to Spectator have been found acceptable for the specific genus and species of plants listed under the Directions for Use. In addition, crop tolerance to Spectator has been demonstrated at a rate of 2.2 - 2.9 fl oz/100 gallons of water on the following ornamental plants: ajuga, Bartlett pear, bayberry, camellia, candy tuft, cotoneaster, elm, English ivy, euonymus, German statice, holly, hollyhock, impatiens, linden, liriopse, magnolia, maples, peony, privet, raphiolepis, redbud, sweetgum, sycamore, tulip tree, vinca, and wax myrtle. Other plant species may be injured by application of Spectator and diseases other than those listed may not be controlled. Before using Spectator on plants or for diseases that are not listed in the Directions for Use, first test Spectator on a small-scale basis. Do not apply Spectator to African violets, begonias, Boston fern, or geraniums. Apply the recommended rates for a particular disease, i.e., rust, powdery mildew, etc., and evaluate for phytotoxicity and disease control prior to large-scale use.

Table 1. Ornamental Plant Species

Number in parentheses (-) refer to diseases controlled in Table 2.

| Herbaceous Ornamental | Woody Ornamental | Non-bearing Fruits and Nuts (Nursery and Landscape Plantings) |
|---|--|--|
| Calendula (4a) Carnation (5f) Chrysanthemum (2a) Delphinium (4a) Gomphrena (3a) Iris (5d) Marigold (3a) Monarda (4c) Phlox (4c) Snapdragon (5d) Sweet William (3j) (<i>Dianthus barbatus</i>) Zinnia (4c) | Amelanchier (4d) Ash (4c) Azalea (2c, 4b) Crabapple (3c, 3p, 4c, 5a) Crape Myrtle (4a) Dogwood (3g, 4c) Douglas Fir (5b) Hawthorn (5a) Juniper (1a) Lilac (4c) Oaks (3c) Pines (1b, 1c) Poplars (5b) Pyracantha (3n) Red Tip Photinia (3h) Rhododendron (2c, 3m) Roses (3f, 4e, 5c) (Outdoor use only) Shasta Fir (5e) | Apple (3p, 4d, 5a) Cherry (2b, 3d) Citrus (3i) Nectarine (2b) Peach (2b) Pecan (3b, 3c, 3e, 3k, 3m, 4e) Plum (2b) Walnut (3i) |

Table 2. Plant Diseases

Letters in brackets [-] refer to application regimes in Table 3.

- Conifer Blights
 - Phomopsis juniperovora* (Phomopsis Blight) [B]
 - Sirococcus strobilinus* (Tip Blight) [D]
 - Sphaeropsis sapinea* (Diplodia Tip Blight) [B]
- Flower Blight
 - Ascochyta chrysanthemi* (Ray Blight) [C]
 - Monilinia* spp. [A]
 - Ovulinia* spp. [B]
- Leaf Blights/ Spots
 - Alternaria* spp. [B]
 - Cercospora* spp. (Brown Leaf Spot) [C]

- c. *Cladosporium* spp. (Scab) [C]
 - d. *Coccomyces hiemalis* [A]
 - e. *Cristulariella* spp. (Zonate leafspot) [C]
 - f. *Diplocarpon rosae* (Blackspot) [B]
 - g. *Discula* spp. (Anthracoise) [A]
 - h. *Fabraea maculata* (syn. *Entomosporium maculata*) [B]
 - i. *Gnomonia leptostyla* (Anthracoise) [C]
 - j. *Heterosporium echinulatum* [B]
 - k. *Mycosphaerella caryigena* (Downy Spot) [C]
 - l. *Mycosphaerella fructicola* (Greasy Spot) [E]
 - m. *Septoria* spp. (Leaf Scorch) [C]
 - n. *Spirocoeca pyracanthae* [B]
 - o. *Tubakia dryina* [D]
 - p. *Venturia inaequalis* (Scab) [A]
4. Powdery Mildew
- a. *Erysiphe* spp. [B]
 - b. *Microsphaera* spp. [C]
 - c. *Oidium* spp. [B]
 - d. *Podosphaera* spp. [B]
 - e. *Sphaerotheca pannosa* [B]
5. Rust
- a. *Gymnosporangium juniperi-virginianae* [A]
 - b. *Melampsora occidentalis* [D]
 - c. *Phragmidium* spp. [B]
 - d. *Puccinia* spp. [B]
 - e. *Pucciniastrum goeppertianum* [D]
 - f. *Uromyces dianthi* [B]

Table 3. Application Regimes

- [A] Mix 0.72 - 1.44 fl oz of Spectator in 100 gallons of water and apply as a full coverage spray to the point of drip. Make repeat applications every 14 - 21 days during the period of primary infection. If disease is present, tank mix with an EPA-registered contact fungicide. For flower blight, apply Spectator when there is 5 - 10% bloom and again at 70 - 100% bloom. For dogwoods, apply the 0.72 - 1.44 fl oz rate every 14 days, or apply 2.9 fl oz of Spectator every 28 days.
- [B] Mix 1.8 - 2.9 fl oz of Spectator in 100 gallons of water and apply as a full coverage spray to the point of drip. Apply as needed, beginning when conditions are favorable for disease development. For blackspot, apply in tank mix with a registered contact fungicide labeled for blackspot. For Calendula, apply every 30 days. For diplopodia tip blight, make a total of 3 applications spaced 14-days apart prior to the major period of infection. For juniper phomopsis blight, make an initial application as soon as junipers start

to grow, and repeat application every 14 - 21 days during the period of active growth.

- [C] Mix 2.9 - 4.3 fl oz of Spectator in 100 gallons of water and apply as a full coverage spray to the point of drip. Apply every 30 days, beginning when conditions are favorable for disease development. For pecans, apply the 4.3 fl oz rate. Beginning at bud break, make a total of 3 applications 14 days apart. For walnuts, apply 3.1 fl oz every 14 - 21 days. For ray blight, apply 4.3 fl oz every 7 days or 7.2 fl oz every 14 days.
- [D] Mix 5.8 fl oz of Spectator in 100 gallons of water and apply as a full coverage spray to the point of drip. Apply every 14 - 28 days beginning when conditions are favorable for disease development. For Douglas fir needle rust, apply once in May. For tip blight, make an initial application in mid-late winter, and two additional applications at 2 month intervals.
- [E] Mix 7.2 - 8.7 fl oz of Spectator in 100 gallons of water and apply as a full coverage spray to the point of drip. Apply within the June to August time period.

Note: To avoid possible illegal residues, do not apply to apple, cherry, citrus, nectarine, peach, pecan, plum, or walnut trees that will bear harvestable fruit within 12 months.

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EPA-Accepted 01-30-2002