

10404-60

03/13/2003

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LESCO®

PEEL HERE

TWOSOME™ FLOWABLE FUNGICIDE

NOT FOR USE on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or grounds.

Contains a combination of chlorothalonil and fenarimol fungicides	
ACTIVE INGREDIENTS:	
Chlorothalonil: Tetrachloroisophthalonitrile	40.00%
Fenarimol: a-(2-chlorophenyl)-a-(4-chlorophenyl) 5-pyrimidinemethanol	2.40%
INERT INGREDIENTS	57.60%
TOTAL	100.00%
Contains 4.17 pounds Chlorothalonil plus 0.25 pounds Fenarimol per gallon	
EPA Reg. No. 10404-60	
EPA Est. No. 3125-MO-1(M), 37429-GA-1 (G), 10404-OH-2(W)	
First Letter of Lot Code Refers to Packaging Location.	

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO

Read All Directions and Precautionary Statements Before Use

Refer to inside labeling for Precautionary Statements, Directions For Use, and Storage and Disposal.

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

FIRST AID	
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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 in eyes:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

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

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

4 x 1 Gallon Case #018980
 Net Contents: 1 Gallon (3.78L)
 #011092

Manufactured for:
 LESCO, INC.
 15885 Sprague Road
 Strongsville, OH 44136-1799

ACCEPTED

MAR 13 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10404-60

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

NOTE TO USER: 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 an allergic reaction should contact a physician.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Socks and shoes,
- Goggles or face shield,
- Chemical-resistant gloves such as or made of any waterproof material, and
- A dust/mist filtering respirator (MSHA/NIOSH approved) with any N, P, E, or HE filter.

USER SAFETY REQUIREMENTS

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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates, fish, and wildlife. Do not apply directly to water, 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 washwaters or rinsate.

Chlorothalonil is known to leach through soil into groundwater under certain conditions as a 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.

Chlorothalonil can contaminate surface water through spray drift. Under some conditions, it may also have 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 area, areas overlaying extremely shallow ground water, areas with in-field 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.

GENERAL PRECAUTIONS AND RESTRICTIONS

- Do not enter or allow others to enter the treated area until sprays have dried.
- Use this product on home lawns is prohibited.
- Do not apply this product in a way that will contact workers or other persons, or pets, either directly or through drift. Only protected handlers may be in area during application.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions carefully before applying. Not for use in California.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool place. Protect from excessive heat. Avoid freezing.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray, or rinsate, is a violation of Federal law and may contaminate groundwater. 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: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

Entry Restrictions: Do not enter or allow others to enter the treated area until sprays have dried.

Application Restrictions: Use of this product on home lawns is prohibited. Do not apply this product in a way that will contact workers or other person, or pets, either directly or through drift. Only protected handlers may be in the area during application.

GENERAL INFORMATION

TwoSome™ is a combination of chlorothalonil, a contact fungicide, and fenarimol, a locally systemic fungicide, in a proven 16:1 ratio for the protection against fungal disease on turfgrass including general turf, golf course (greens, tees and fairways), parks and on landscape ornamentals. (Use of this product on home lawns is prohibited). Two different active ingredients team up for highly effective control of a broader spectrum of plant diseases when used according to the directions on this product label.

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

Mixing Instructions: Slowly invert container several times to assure uniform mixture. **TwoSome** should be added to the spray tank during the last half of the filling operation. Add the required amount of **TwoSome** to the spray tank while keeping the agitator running. Agitate thoroughly during the spraying operation to ensure a uniform spray mixture. Use only a properly calibrated sprayer with nozzle screens and in-line strainers no finer than 50 mesh. Apply mixture in sufficient water volume for uniform coverage of plant surfaces. Do not combine **TwoSome** in the spray tank with pesticides, surfactants, or fertilizer under your conditions of use. Do not mow or water after treatment until spray deposit on turfgrass is thoroughly dry.

TURFGRASS DISEASE CONTROL

Rate Conversion Chart: TwoSome Fungicide for Turfgrass

Quantity/1000 sq. ft.	Quantity/Acre	Lb ai/Acre *
2.9 fl. oz.	1.00 Gal.	4.42
4.4 l. oz.	1.50 Gal.	6.63
5.1 fl. oz.	1.75 Gal.	7.73
5.8 fl. oz.	2.00 Gal.	8.84
7.8 fl. oz.	2.66 Gal.	11.75

* Calculation based on both chlorothalonil and fenarimol.

Diseases	Recommended Rates (fl. oz. /1,000 sq. ft.)	Recommended Rates (gallons/acre)	Spray Interval (days)	Comments (see below)
EARLY SPRING PREVENTIVE PROGRAM				
Leaf Spot (<i>Helminthosporium</i>) (<i>Dreschlera</i> spp., <i>Bipolaris</i> spp.)	2.9 - 5.1	1.0 - 1.75	14 - 21	1
Patch Diseases: Necrotic Ring Spot (<i>Leptosphaeria korrae</i>), Summer patch (<i>Magnaporthe poae</i>), Fusarium blight (<i>Fusarium colmorum</i>), (<i>Fusarium poae</i>)	4.4 - 7.8	1.5 - 2.66	14	4, 5, 6
SUMMER PREVENTIVE PROGRAM				
Dollar Spot (<i>Sclerotinia homeocarpa</i> , or <i>Moellerodiscus</i> and <i>Lanzia</i> spp.)	2.9 - 4.4	1.0 - 1.5	14 - 21	1
Anthracnose (<i>Colletotrichum</i> <i>graminicola</i>)	5.8 - 7.8	2.0 - 2.66	14 - 21	1
Rhizoctonia Blight/ Large Brown patch (<i>Rhizoctonia solani</i>)	2.9 - 5.8	1.0 - 2.0	7 - 10	1
OTHER DISEASES OF TURFGRASS				
Gray Leaf Spot (<i>Pyricularia grisea</i>)	2.9 - 7.8	1.0 - 2.66	7 - 10	1, 2
Curvularia	2.9 - 7.8	1.0 - 2.66	7 - 10	1, 2
Corticium Red Thread (<i>Laetisaria fuciformis</i>)	2.9 - 7.8	1.0 - 2.66	7 - 10	1, 2
Copper Spot (<i>Gloeocerospora sorghi</i>)	2.9 - 5.8	1.0 - 2.0	10 - 21	1, 3
Powdery Mildew (<i>Erysiphe graminis</i>)	7.8	2.66	30	3
Stem Rust of Bluegrass (<i>Puccinia</i> spp.)	5.8 - 7.8	2.0 - 2.66	7 - 14	1, 2

1. Use the high rate and shorter interval during conditions favoring heavy disease pressure.
2. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist.
3. Applications to areas with visible disease symptoms should be made at the highest rate listed for that disease and continued at the shortest spray interval for that rate until the disease is brought under control. At this time, the lower rate and longer spray interval recommendations can begin.
4. Make four (4) to five (5) applications at 14-day intervals.
5. Applications for necrotic ring spot, summer patch, Fusarium blight, take-all patch, and spring dead spot should be applied to the turfgrass and thoroughly irrigated with 1/2 to 1 inch of water.
6. Use the higher rate listed when the area to be treated has a previous history of disease infestation.

Maximum Application Rate Chart*

Site	Maximum Initial Application Rate lb ai/acre	Minimum Retreatment Interval (Days)	Maximum Repeat Application Rate lb ai/acre	Minimum Retreatment Interval (Days)	Maximum Seasonal Total Application Rate lb ai/acre
Turf (General)	11.98	Only one application permitted at this rate	8.69	7	27.56
Turf (Golf Courses)					
- Greens	11.98	14	7.74	7	77.38
- Tees	11.98	14	7.74	7	55.12
- Fairways	11.98	Only one application permitted at this rate	7.74	7	27.56

*Calculations based on combination of chlorothanil and fenarimol.

LANDSCAPE ORNAMENTAL DISEASE CONTROL

Apply 2 pints of LESCO **TwoSome** per 100 gallons of water per acre of foliage, unless other directions are given. (Two tablespoons per 3 gallons of water is equivalent to 2 pints of **TwoSome** per 100 gallons of water as a diluted spray.) Use of this product on home lawns is prohibited.

Begin applications as directed for the species and diseases cited below and repeat on a 7-to 14-day schedule until conditions are no longer favorable for disease development.

BROADLEAF SHRUBS AND TREES:

Species	Diseases Controlled	Suggested First Application
Ash (<i>Fraxinus</i>)	Cercospora Cercosporidium, Cylindrosporium leaf spots	Spring bud break
Azalea*, Rhododendron*	Phytophthora die back; Ovinia flower blight	New leaf emergence; Early bloom
Buckeye, Horse chestnut	Leaf blotch, Anthracnose	Spring bud break
Cherry-Laurel	Cercospora leaf spot	Petal fall
Crabapple	Scab, Cedar-apple rust, Sphaeropsis leaf spot, powdery mildew	Spring bud break
Crapemyrtle	Powdery mildew	
Dogwood	Septoria leaf spot	Early bloom
Euonymus	Anthracnose	Spring bud break
Firethorn	Scab	Spring bud break
Flowering Almond, Quince, Sand Cherry	Monilinia blossom/branch blight	Early bloom
Hawthorn	Rust, Fabraea leaf spot	Pre-bloom
Holly	Rhizoctonia web blight	Warm, moist conditions
Mountain Laurel	Cercospora leaf spot	Spring bud break
Oak (red group only)	Taphrina blister, Actinopelte leaf spot, Anthracnose	Dormant budswell
Oregon-Grape (Mahonia)	Rust	Spring bud break
Photinia	Fabraea (Entomosporium) leaf spot	Spring bud break
Pieris (Andromeda)	Phytophthora die-back	New leaf emergence
Poplar	Marssonina leaf spot	Spring bud break
Privet	Cercospora leaf spot	Prolonged wet conditions
Sycamore, Planetree	Anthracnose	Spring bud break
Viburnum	Powdery mildew	Mid-summer

BULBS AND FLOWERING PLANTS:

Species	Diseases Controlled	Suggested First Application
Ajuga	Powdery mildew	
Begonia	Powdery mildew	
Calendula	Powdery mildew	
Carnation	Alternaria leaf spot/ branch rot; Botrytis flower blight	Cool, moist conditions
Chrysanthemum/Daisy	Mycosphaerella ray blight, Septoria leaf spot; Botrytis flower blight (gray mold)	Pre-bloom
Dahlia	Powdery mildew	
Delphinium	Powdery mildew	
Geranium	Botrytis blight, rust	Cool, moist conditions
Gladiolus	Curvularia leaf/flower spot, Botrytis leaf/flower spot	
Hollyhock	Rust	Early seedling stage
Hydrangea* (foliage only)	Cercospora and Septoria leaf spots, Rust	
Iris	Botrytis blossom blight Didymellina leaf spot	Cool, moist conditions
Lily, Crocus, Daffodil Narcissus, Tulip	Botrytis gray mold, Stagonospora leaf scorch Ink spot	Pre-bloom
Petunia*	Phytophthora blight (foliar phase), botrytis blight	Pre-bloom
Phlox	Powdery mildew	
Rose (use 1.5 pints) TwoSome /100 gallons of water)	Blackspot, Botrytis blight, powdery mildew	Spring bud break
Sweet Pea	Powdery mildew	
Statice	Anthracnose, Cercospora, Alternaria, Botrytis leaf blights	Spring bud break
Verbena	Powdery mildew	
Zinnia	Powdery mildew	First sign of disease

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

NOTE TO USER

Applications of **TwoSome** at recommended rates may cause leaf puckering and other growth effects on the foliage of rose cultivars growing under cool, foggy, or overcast conditions. Plants growing under such conditions develop more slowly and are more sensitive to these growth effects. The rose cultivars

"Royalty" and "Visa" have exhibited growth effects under these conditions while the same cultivars growing under sunny conditions have exhibited no such effects.

FOLIAGE PLANTS:

Species	Diseases Controlled	Suggested First Application
Dracaena	Fusarium leaf spot	Pre-transplant
Pachysandra (use 4 pints TwoSome per 100 gallons water)	Volutella leaf blight	Spring bud break
Leatherleaf fern	Ascochyta blight, Cercospora leaf spot, Cylindrocladium leaf spot, Rhizoctonia blight	Spring bud break
Parlor palm (Chamaedorea)	Biopolaris (Helminthosporium) leaf spot	Cool, moist conditions
Prayer plant (Maranta)	Helminthosporium leaf spot	Early propagation
Oyster plant (Rhoeo)	Tan leaf spot	Early propagation
Syngonium	Cephalosporium leaf spot	Warm, moist conditions
Philodendron	Phytophthora blight, Dactylaria leaf spot	Moist conditions

CONIFER DISEASES

Apply 2 to 8 pints **TwoSome** 100 gallons of spray (2 to 8 teaspoons / gallon of spray) per acre. For one gallon of water, add 1/3 to 1-1/4 fl. oz. of TwoSome.

During periods when conditions favor severe disease development, generally cloudy or wet weather, use the higher rate specified and the shortest cited interval between applications.

Apply at bud break and repeat at 3- to 4-week intervals until needles are fully elongated and conditions no longer favor disease development. In plantations of mixed provenance, or when irregular bud break occurs, apply weekly until all trees have broken bud, then every 3 to 4 weeks as specified above. Not for use on conifer beds.

CONIFER DISEASES:

Diseases Controlled	TwoSome Rate/Acre (100 gals. of Spray)	Application Directions
Scleroderris Canker (pines) Swiss Needlecast	2 to 4 pints	Make first application in spring when new shoot growth is 1/2 to 2 inches in length. Make additional application at 3- to 4-week intervals until conditions no longer favor disease development.
Sirococcus Tip Blight	3 to 5 pints	
Rhizosphaera Needlecast (spruces), Scirrhia brown spot (pines)	8 pints	
Rhabdocline Needlecast (Douglas-fir)	2 to 4 pints	Apply at bud break and repeat at 3- to 4-week intervals until needles are fully elongated and conditions no longer favor disease development.
Cyclaneusma and Lophodermium Needlecast (pines)	4 to 8 pints	Apply in early spring prior to bud break. Repeat applications at approximately 6- to 8-week intervals until spore release ceases in late fall. Apply monthly during periods of frequent rainfall and where Lophodermium infections occur during dormancy (Pacific Northwest). During drought periods, applications may be suspended then resumed upon next occurrence of needle wetness.
Swiss Needlecast (Douglas-fir)	4 to 8 pints	Single application technique: Make one application in the Spring when new shoot growth is 1/2 to 2 inches in length.

Maximum Application Rate Chart*

Site	Maximum Individual Application Rate lb ai/acre	Minimum Retreatment Interval (Days)	Maximum Seasonal Total Application Rate lb ai/acre
Ornamentals	1.64	7	38.6
Roses	1.17	7	38.6
Pachysandra	3.29	7	38.6
Conifers	6.58	21	17.5

*Calculations based on combination of chlorothanil and fenarimol.

WARRANTY

LESCO, Inc. warrants that this fungicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this fungicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

TwoSome is a trademark and LESCO is a registered trademark of LESCO Technologies, LLC.
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