


10404-60

8/3/93

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Please read instructions on reverse before completing form. Form Approved OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number NOTIFICATION 201712
	Application for Pesticide:		

Section I		
1. Company/Product Number 10404-60	2. EPA Product Manager C. Giles-Parker	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) LESCO TWOSOME FLOWABLE FUNGICIDE	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) LESCO, Inc. 20005 Lake Road Rocky River, OH 44116 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

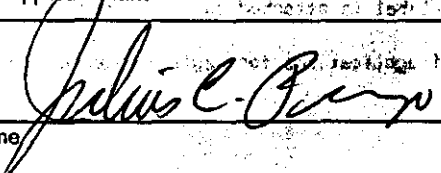
Section II	
<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 LABEL CHANGE PER PR NOTICES 93-3 and 93-8

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-8
 DATE: 8/3/93

Section III					
1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (_____)					

Section IV		
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Julius C. Prinzo	Title Manager, Product Registration	Telephone No. (Include Area Code) 216/333-9250

Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Product Registration	
4. Typed Name Julius C. Prinzo	5. Date 8/23/93	

Contains a combination of chlorothalonil and fenarimol fungicides

For commercial use only on: Golf Courses, Parks, Athletic Fields, Commercial & Residential Turfgrass Areas, and Landscape Ornamental Plants

Active Ingredients:

Chlorothalonil: Tetrachlorocephalonitrile	40.00%
Fenarimol: a-(2-chlorophenyl)-a-(4-chlorophenyl)-imidinmethanol	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-MC-1

KEEP OUT OF REACH OF CHILDREN DANGER | PELIGRO

PRECAUCION AL USUARIO: Si usted no ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Wear goggles or eye shield when handling this product. Do not get in eyes or on clothing. Harmful or fatal if swallowed. Avoid breathing spray mist. May be a potential skin sensitizer. Avoid contact with skin or clothing. Remove contaminated clothing and wash before reuse.

FIRST AID:

If in Eyes: Flush with plenty of water; call a physician.

If Swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. **If on Skin:** Wash exposed areas with soap and warm water after handling or using.

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.

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. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Do not graze treated areas. Do not feed clippings to livestock.

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.

STORAGE AND DISPOSAL

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

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 by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

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.

GENERAL INFORMATION

TwoSome™ is a combination of chlorothalonil, a contact fungicide, and fenarimol, a locally systemic fungicide, in a proven 18:1 ratio for the protection against fungal turfgrass and landscape ornamental diseases. 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 insure 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 unless your prior use has shown the combination to be physically compatible, effective, and noninjurious 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 / 1,000 sq.ft.	Quantity / Acre	Quantity / 1,000 sq.ft.	Quantity / Acre
3.0 fl.oz.	1.00 Gal.	7.8 fl.oz.	2.66 Gal.
4.4 fl.oz.	1.50 Gal.	8.8 fl.oz.	3.00 Gal.
5.1 fl.oz.	1.75 Gal.	15.8 fl.oz.	5.33 Gal.
5.8 fl.oz.	2.00 Gal.	17.8 fl.oz.	6.00 Gal.

	Recommended Rates (fl.oz. / 1,000 sq.ft.)	Recommended Rates (gallons / acre)	Spray Interval (days)	Comments (see below)
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EARLY SPRING PREVENTIVE PROGRAM

Leaf Spot (Helminthosporium) (Dreschlera spp., Bipolaris spp.)	3.0 - 5.25	1.0 - 1.75	14 - 21	1
Patch Diseases: Neoretic Ring Spot (Leptosphaeria korrae), Summer patch (Magnaporthe poae), Fusarium blight (Fusarium culmorum), (Fusarium poae)	4.5 - 9.0	1.5 - 3.0	14	7,8,9

SUMMER PREVENTIVE PROGRAM

Dollar Spot (Sclerotinia homeocarpa, or Moellerodiscus and Lanzia spp.)	3.0 - 4.5	1.0 - 1.5	14 - 21	1
Anthracnose (Colletotrichum graminicola)	6.0 - 8.0	2.0 - 2.66	14 - 21	1
Rhizoctonia Blight/ Large Brown patch (Rhizoctonia solani)	3.0 - 6.0	1.0 - 2.0	7 - 10	1

OTHER DISEASES OF TURFGRASS

Gray Leaf Spot (Pyricularia grisea)	3.0 - 6.0	1.0 - 3.0	7 - 10	1, 2
Curvularia	3.0 - 6.0	1.0 - 3.0	7 - 10	1, 2
Cortium Red Thread (Laetisaria fuciformis)	3.0 - 6.0	1.0 - 3.0	7 - 10	1, 2
Copper Spot (Gloeocercospora sorghii)	3.0 - 6.0	1.0 - 2.0	10 - 21	1, 3
Powdery Mildew (Erysiphe graminis)	8.0 - 16.0	2.66 - 5.33	30	1, 3
Stem Rust of Bluegrass (Puccinia spp.)	6.0 - 9.0	2.0 - 3.0	7 - 14	1, 2
Spring Dead Spot (Leptosphaeria korrae)	18.0	6.0	1 application	4, 8

Take-all-Patch (Gaeumannomyces graminis)	18.0	6.0	2 applications	5, 8
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WINTER DISEASES

Fusarium Patch / Pink Snow Mold (Microdochium nivale)	18.0	5.33	1 or more applications	5, 8
Typhula Blight / Gray Snow Mold (Typhula incarnata), (Typhula ishikariensis)	18.0	5.33	1 or more applications	5, 8

- Use the high rate and shorter interval during conditions favoring heavy disease pressure.
- Begin applications when conditions favor disease development and repeat applications as long as these conditions persist.
- 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, longer spray interval recommendations can begin.
- Single application in September.
- Application should be made within a 30-day interval prior to snow cover or frozen soil.
- If snow cover is intermittent or lacking, repeat applications every 3-4 weeks until disease conditions no longer prevail.
- Make four (4) to five (5) applications at 14-day intervals.
- 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.
- Use the higher rate listed when the area to be treated has a previous history of disease infestation.

LANDSCAPE ORNAMENTAL DISEASE CONTROL

Apply 2 pints of LESCO TwoSome™ per 100 gallons of water, 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.)

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 (Fraxinus)	Cercospora Cercosporidium, Cylindrosporium leaf spots	Spring bud break
Azalea*, Rhododendron*	Phytophthora die back; Ovinia flower blight	New leaf emergence; Early bloom
Buckeye, Horsechestnut	Leaf blotch, Anthracnose	Spring bud break

LESCO TwoSome™

Plant	Disease	Application
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	Anthracoese	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 bilater, 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	Anthracoese	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
Gладиолус	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 leaf 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 Stallice	Powdery mildew Anthracoese, 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)	Bipolaris (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™ per 100 gallons of spray (2 to 8 teas. 3/
gallon of spray).
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 budbreak and repeat 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 budbreak occurs, apply weekly until all trees have broken bud, then every 3 to 4 weeks as specified above.

CONIFER DISEASES:

Diseases Controlled	TwoSome™ Rate/100 Gal.	Application Directions
Sclerotinia 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 applications at 3- to 4-week intervals until conditions no longer favor disease development.
Sirococcus Tip Blight	3 to 5 pints	
Rhizosphaera Needlecast (spruces), Sclirhia brown spot (pines)	8 pints	
Rhabdochloa Needlecast (Douglas-fir)	2 to 4 pints	Apply at budbreak 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 budbreak occurs, apply weekly until all trees have broken bud, then every 3 to 4 weeks as specified above.
Cyclaneusma and Lophodermium Needlecast (pines)	4 to 8 pints	Apply in early spring prior to budbreak. 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.
Botrytis seedling blight, Phoma twig blight	2 to 4 pints	Begin applications when seedlings are 4 inches tall and when cool, moist conditions favor disease development. Make additional applications at 7- to 14-day intervals as long as disease-favorable conditions persist.
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.

WARRANTY

LESCO 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.

Net Contents:
1 Gallon

#011092

Manufactured for:
LESCO, Inc.
20005 Lake Road, P.O. Box 16915
Rocky River, Ohio 44116

Rev.06/93WP
4x1 Gallon Case

#018980