

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Sheila R. Kendrick
Scotts-Sierra Crop Protection Company
14111 Scottslawn Road
Marysville, OH 43041

OCT 20 2000

Dear Ms. Kendrick:

SUBJECT: Domain FL
EPA Registration Number 58185-33
Your submission of September 18, 2000

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

However, be aware PR Notice 2000-3 requires that the First Aid statements must be changes by October 1, 2001 to the following:

If inhaled

- 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

- 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

- 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

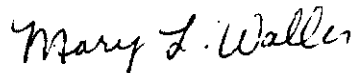
- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

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

A stamped copy of the revised label is enclosed for your records. Please submit one copy of the final printed labeling before you release the product for shipment.

If you have any questions, please contact Lisa Jones of my staff by phone at (703) 308-9424 or by e-mail at jones.lisa@epa.gov.

Sincerely yours,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure: Stamped label

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	Lisa Jones							
DATE ▶	Sep 25, 2000							

Domain FL

Liquid Flowable Systemic Turf and Ornamental Fungicide

Controls a broad spectrum of diseases of containerized woody shrubs and trees, herbaceous, bedding, flowering and tropical foliage plants, shrubs, trees and flowers in the landscape, interior scape and diseases of turfgrasses.

ACTIVE INGREDIENT:	
Thiophanate-Methyl ¹	46.2%
OTHER INGREDIENTS	53.8%
TOTAL 100.0%	

¹CAS #23564-05-8
Contains 4.5 lbs. thiophanate - methyl per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.)

FIRST AID

IF IN EYES: Immediately flush with water for 15 minutes. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing, wash before reuse.

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION.

EPA Reg. No. 58185-33 EPA Est. No. 37429-GA-2
Product of U.S.A.

NET WEIGHT: Two 2.5 Gal. (9.46 L) Containers
Four 1 Gal. (3.78 L) Containers
Twelve 1 Qt. (0.95 L) Containers

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Domain FL is a registered trademark of Scotts-Sierra Crop Protection Company for its brand of Fungicide products.



Scotts-Sierra Crop Protection Company
14111 Scottslawn Road
Marysville, OH 43041
1-800-492-8255

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 C on an EPA chemical-resistance selection chart.

- Applicators and other handlers must wear:
- Long-sleeved shirt and long pants;
 - Chemical-resistant gloves, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils; and
 - Shoes plus socks.

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.

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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 apply where runoff is likely to occur. Do not contaminate water by 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.

Shake well before using.
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.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

OCT 20 2000

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

85225, 95241, 95018

85225, 95241, 95018

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 enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exemption: If the product is applied by drenching, 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, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils; and
- shoes plus socks.

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 enter treated areas without protective clothing until spray has dried.

NOTE - CHEMIGATION: Refer to supplemental labeling entitled "CHEMIGATION INFORMATION" for the directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

GENERAL INFORMATION

DOMAIN[®] FL provides broad spectrum disease control on containerized woody, flowering, herbaceous, and tropical foliage ornamental plants, trees, ornamentals in the plantscape, and turfgrasses.

Add required amount of DOMAIN FL after adequate shaking to partially filled tank agitated by mechanical or hydraulic means, and then add remaining required amount of water. Continuous agitation is recommended to keep the material in suspension. Make fresh daily.

Apply DOMAIN FL with ground or aerial equipment, using sufficient volume of spray to provide thorough coverage. Do not tank mix with copper containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher concentration or rates under conditions of severe disease pressure or when application intervals are shorter than 14 days due to persistent rainfall. Also, see local State Extension Service recommendations for application schedules.

IMPORTANT: If, after using DOMAIN FL as recommended, treatment is not effective, a tolerant strain of fungus may be present. Consult your local Scotts representative or distributor, your State Agricultural Experiment Station or your State Agricultural Extension Service for advice on the prompt use of some other labeled fungicide.

SHAKE WELL BEFORE USING

HORTICULTURAL APPLICATIONS

GREENHOUSE, SLAT AND SARAN HOUSES, NURSERY, LANDSCAPE AND INTERIORESCAPE.

DOMAIN FL is broad spectrum in activity controlling foliar, stem and below ground diseases on a wide range of horticultural plants grown or maintained under a wide variety of conditions. Begin foliar applications 14 to 21 days prior to when a particular disease usually appears, and at the very latest, upon first signs of disease. Usual spray intervals range from 7 to 14 days, the latter as preventative and the former under times when conditions are judged acceptable for disease development. With hard to wet plant foliage, an acceptable wetting agent added to the spray tank according to label may increase product efficacy. Where excessive and repeated foliar wetting occurs, use of a spreader-sticker is suggested at labeled concentration. Where previously untested adjuvants with DOMAIN FL are considered, follow the trial suggestions under the "Note Concerning Adjuvants" below before full scale use.

NOTE: DOMAIN FL has been determined to be safe for use on the plant types listed in these directions based on cumulative data derived from research product trials and historical field use. Since all species and cultivars have not been tested, it is suggested that trial applications be performed if a user wishes to make an application to a plant type not listed on the label but found on a similar use site and for a disease that is listed on the label. To protect 25 trial plants, make at least two applications at the highest concentration 7 days apart and evaluate 7 days after the last application before initiating full scale application. This product is not recommended for the following plants: *Nepenthes exaltata*, *Plectranthus australis*, and *Hatiora gaertneri*.

FOLIAR SPRAY APPLICATIONS

Hydraulic Application Mixing Instructions: After shaking, add the required amount of DOMAIN FL to a partially filled spray tank agitated by mechanical or hydraulic means and then add remaining amount of water. Maintain continuous agitation to keep the material in suspension and apply with properly calibrated spray equipment.

Ground Application Concentrations (Mechanical or Hand Held): Use the recommended amount of DOMAIN FL per 100 gallons of water for the prevention and control of the disease shown below. **Aerial Application Rates:** Use the amount of DOMAIN FL recommended in the table below. Apply this amount per acre in sufficient volume of water to insure adequate coverage.

PLANTTYPE	such as but not limited to
Herbaceous Bedding	Ageratum, Begonia, Carna, Coleus, Dahlia, Dusty Miller, Foxglove, Fuchsia, Geranium, Impatiens, Lavender, Marigold, Pansy, Petunia, Pinks, Primrose, Salvia, Statice, Strawflower, Tickseed, Verbena
Flowering	Chrysanthemum, Hydrangea, Hollyhock, Iris, Lily, Poinsettia
Tropical Foliage	Dieffenbachia, Dracaena, English Ivy, Philodendron, Pothos
Woody Ornamentals	Azalea, Hibiscus, Holly, Ligustrum, Rhododendron, Rose, Pyracantha
Evergreen Trees	Douglas fir, fir, larch, pine, spruce
Deciduous Trees	ash, Lombardy pine, maple, oak, sycamore, walnut
Flowering Trees	cherry, crabapple, hawthorn, mountain ash, pear

Do not use fruit or nuts from treated trees for food purposes.

FOLIAR

Disease(s) Controlled	Concentration of Domain FL fl. oz./100 gal.	Remarks*
Ovulinia Blight of Azalea and Rhododendron	10	Apply as flowers open. Repeat every 7-14 days as needed during disease period.
Powdery Mildew Ramularia leaf spot	10	Apply mid-summer or at first sign of disease. Repeat at 7-14 days.
Anthracnose	20	Apply as buds break. Repeat every 7-14 days as needed during disease period.
Ascochyta Leaf Blight	20	Repeat every 7-14 days as needed during disease period.
Black Spot of Rosaceae	20	Apply mid-summer or at first sign of disease. Repeat at 7-14 days.
Botrytis Plant and Flower Blight, Cylindrocladium leaf spot (except CA), Myrothecium leaf spot (except CA), Gliocladium leaf spot, Cercospora leaf spot, Septoria leaf spot	20	Apply at first sign of disease. If possible initiate 2 weeks prior to when Botrytis disease normally occurs.
Corynespora leaf spot, Curvularia leaf blight, Entomosporium leaf spot, Iris leaf spot	20	Apply mid-summer or at first sign of disease. Repeat at 7-14 days. Use compatible spreader/sticker.
Rust of Crabapple	20	Repeat every 7-14 days as needed during disease period.
Fusicladium and Venturia leaf scab	20	Apply mid-summer or at first sign of disease. Repeat on 7-14 day schedule.
Sphaeropsis sapinea & Diplodia pinea Tip Blight of Pine	20	Apply along with compatible spreader/sticker at recommended concentration to entire tree providing thorough coverage. Begin application in spring when new growth starts. Make a second application just before needles emerge from the sheath and a third application 10 days later.

Disease(s) Controlled	Concentration of Domain FL fl. oz./100 gal.	Remarks*
Phomopsis & Kabatina Twig Blight of Juniper	22.5 - 30	For Phomopsis, apply in spring. For Kabatina, apply late summer. Repeat every 7-14 days as needed during disease period.

Note Concerning Adjuvants: In situations where rainfall and/or overhead irrigation is the norm, use of a compatible spreader/sticker is suggested. Where wetting of foliage is difficult, use instead a compatible wetting agent. Follow the phytotoxicity precautions stated previously under "Horticultural Applications" note.

SOIL DRENCH APPLICATIONS

Mixing Instructions: Add required amount of DOMAIN FL to partially filled tank agitated by mechanical or hydraulic means. Then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension.

Application Rates and Timing for Disease Control: Use 10 to 20 fl. ounces of DOMAIN FL per 100 gallons of water. Apply as a heavy spray or drench at the rate of 1/2 to 2 pints per square foot (100 gallons per 1,600 to 400 square feet). For shallow flats and small pots up to 4 inch size, use 10 to 20 fluid ounces/100 gallons applied at 1 pint per square foot. For pots and containers 4 inches or larger, refer to following table for the volume to apply. Applications may be repeated at 4 to 8 week intervals, the frequency depending upon presence of disease and optimum conditions for disease development.

Container Type	Volume to Apply/Container	
	@ 1 pt./ft. ² Rate	@ 2 pt./ft. ² Rate
4 inch	2 fl. oz.	
5 inch	2-1/2 fl. oz.	
6 inch		6-1/2 fl. oz.
7 inch		8-1/2 fl. oz.
8 inch		11 fl. oz.
9 inch		14 fl. oz.
10 inch		17-1/2 fl. oz.

Above 10 inch in nursery container production, a drench volume of 2-1/2 to 3 pints per square foot of surface area may be required.

Plant Types: Containerized woody shrubs, trees, herbaceous/bedding, flowering, and tropical foliage plants and flowers and bedding plants in the landscape.

Note: Application of this product to plug trays or seedling flats at time of seeding is not recommended.

Soil Diseases Controlled: Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Ramularia, Rhizoctonia, Sclerotinia and Thielaviopsis.

Note: Pythium, Phytophthora and Cylindrocladium spathiphylli are not controlled by DOMAIN FL.

PREPLANT/POST HARVEST DIPS

Mixing Instructions: Mix as previously instructed for foliar spray and drench applications. Keep solution in agitation.

Application Concentration and Dipping Time
Plants or Cuttings - Use 16 to 20 fluid ounces of DOMAIN FL per 100 gallons of water. Immerse plants or cuttings for 10 to 15 minutes, remove and allow to drain and preferably dry. Wear clothing outlined in "PPE Requirements" for applicators and other handlers.
Bulbs, Corms, Tubers and Rhizomes - Use 22.5 to 33 fluid ounces

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of DOMAIN FL per 100 gallons of water or 2 teaspoons of DOMAIN FL per gallon of water. Soak cleaned bulbs for 15 to 30 minutes in warm dip (80-85 degrees F) preferably within 48 hours of digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat-cured.

Plant Types: Plants, cuttings, cane sections of woody herbaceous, flowering and tropical foliage plants. Bulbs, corms, tubers, and rhizomes of plants such as but not limited to Caladium, Easter Lily, Tulip, Gladiolus, Daffodil, Iris.

Diseases Controlled: Botrytis, Cylindrocladium, Fusarium, Gloecladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, Thielaviopsis.

INTERIORSCAPE AND PLANTSCAPE USE

Spray Application: Mix well before spraying. It is important to assure complete coverage by spraying foliage to runoff, thoroughly wetting upper and lower leaf surfaces. Use concentrations recommended under "Ornamentals" for foliar, twig and drench application. When applied in public areas, use a coarse, low pressure spray. Apply during non-business hours or cordon off area during spraying and until spray has dried. Avoid spraying wall coverings, plastic (vinyl) surfaces, drapes, carpets, and upholstery.

TURF APPLICATIONS

DOMAIN FL is a liquid flowable fungicide with broad spectrum activity against certain foliar and soil diseases for use on all turf types such as golf course greens, tees and fairways, athletic fields, cemeteries, parks, sod, and commercial and home lawns. DOMAIN FL can be used both preventatively and curatively and is not phytotoxic.

Mixing Instructions: Add required amount of DOMAIN FL to partially filled tank agitated by mechanical or hydraulic means. Then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension. For best results use spray mixture the same day it is prepared.

Turf Types: All cool season and warm season grasses (such as but not limited to Bentgrasses, Bermudagrasses, Bluegrasses, Fescues, Ryegrasses, St. Augustinegrasses, and Zoysiagrasses) or their mixtures.

Disease(s) Controlled	Rate of Domain FL fl. oz./1000 sq. ft.	Remarks
Anthraxnose (Colletotricum graminicola)	1-2 (4-8)*	Apply when disease first appears. Continue at 7-14 day intervals as needed.
Dollar Spot (Sclerotinia homoeocarpa)	1-2	Spray should dry on leaves with no "watering in"
* Note: Use 4-8 fl. oz. rate for curative response to Basal Stem Anthracnose.		
Copper Spot (Gloeocerospora sorghi)	2	Apply when disease first appears. Continue at 7-14 day intervals as needed.
Brown Patch and Zoysia Patch (Rhizoctonia solani)	2	Spray should dry on leaves with no "watering in"
Red Thread (Laetisaria fusiformis)	2	

Disease(s) Controlled	Rate of Domain FL fl. oz./1000 sq. ft.	Remarks
Pink Snow Mold (Microdochium nivale) (Only in areas where snow cover is not present the entire winter)	2	Apply middle-late November before turf has stopped all growth activity. Lightly water this application into the root zone for best results. A second application may be used in combination with Penstar Flo (PCNB). Second spray should dry on leaf surfaces with no "watering-in".
Gray Leaf Spot (Pyricularia grisea)	3 1/2 - 7	Apply when conditions are favorable for disease development. Continue at 7 - 14 day intervals. Spray should dry on leaves with no "watering in".
Summer Patch (Magnaportha Poae)	5-10	For prevention, apply 3 applications beginning early May using 21 day intervals. Water material into root zone thoroughly after application. For suppression, apply two applications at 10-14 day intervals beginning when disease first appears.
Fusarium Blight (Fusarium spp.), Necrotic Ring Spot and Spring Dead Spot (Leptosphaeria korrae)	5-10	Apply two applications at 10-14 day intervals beginning when disease first appears.
Stripe Smut (Ustilago striiformis)	5-10	Make two applications at 7-14 day intervals when disease first appears. Water material into root zone after application. For prevention, apply in spring (just before grass begins growth), and fall.

DIRECTIONS FOR USE:

Spray uniformly over the area to be treated with a properly calibrated power sprayer.

Apply after mowing or avoid mowing for 12 hours after application. Apply sufficient water to obtain thorough coverage, usually 1-1/2 to 2-1/2 gallons per 1,000 square feet of turf area. Always treat aprons and approaches to golf greens. Under conditions of severe disease, apply every 5 to 7 days.

NOTE TO USER: Do not apply to areas likely to be grazed by livestock and do not feed clippings to livestock or poultry.

STORAGE AND DISPOSAL

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

STORAGE: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product are toxic and may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not re-use 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 and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT NOTICE:
DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its use on turf and ornamentals as described on the label. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise his judgment and caution when using this product on a given variety until familiar with the results under his growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.** The exclusive remedy of the user or Buyer, and the limit of liability of the Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company.