

PM 21

7969-62

1 of 5

MAR 25 1991

Rodney C. Akers, Ph.D.  
BASF Corporation  
Agricultural Chemicals  
P.O. Box 13528  
Research Triangle Park, NC 27709-3528

Dear Dr. Akers:

Subject: Add Turf Diseases  
Ronilan FL  
EPA Registration No. 7969-62  
Your Submission Dated December 4, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the following changes listed below before you release the product for shipment bearing the amended labeling:
  - a. The chemical name is misspelled in the ingredients statement (oxazolidinedione).
  - b. Incorporate the Personal Protective Equipment statements required by our letter dated May 7, 1990.
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

*SL*

Susan Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

**BEST AVAILABLE COPY**

16338:I:Stone:L21-14:KEVRIC:03/22/91:04/19/91:CL:wo:dd:tk

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 25 1991

**BASF**

Under the Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-62

# Ronilan® FL

## Turf Fungicide

### Active ingredient

3-(3, 5-Dichlorophenyl)-5-ethenyl-5-methyl-2, 4-oxazolidinadione\* ..... 41.3%

Inert ingredients ..... 58.7%

\*Equivalent to 4.17 pounds active ingredient per gallon.

EPA Reg. No. 7969-62

EPA Establishment No. 7969-WG-1

**KEEP OUT OF REACH OF CHILDREN.**

### CAUTION

Causes eye irritation. Do not get on skin, in eyes or on clothing. Harmful if swallowed, inhaled or absorbed through skin. When applying this product—wear goggles or face shield, coveralls or tightly woven long trousers and long sleeved shirt. When mixing or loading or when adjusting, repairing or cleaning equipment wear chemical resistant gloves extending above the wrist, a chemical resistant apron, long trousers and long sleeved shirt. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

### Statement of practical treatment

If contacted, flush eyes immediately with water for 15 minutes. Get medical attention. In case of contact with skin or clothing, remove contaminated clothing, wash skin thoroughly with soap and water. This product is a potential skin sensitizer. If irritation persists get medical attention.

### Environmental hazards

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

Net contents 2½ gallons

**BEST AVAILABLE COPY**

BASF Corporation  
P.O. Box 13528, Research Triangle Park, NC 27709

Specimen Label

**Precautionary statements  
Hazards to humans and domestic animals**

**Caution:** Avoid contact with skin, eyes, or clothing. May cause irritation. Avoid breathing vapor or spray mist. **In case of contact**, immediately flush eyes or skin with plenty of water. **Get medical attention** if irritation persists.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons, except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

Do not enter treated area without protective clothing until sprays have dried.

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

In case of contact with skin or clothing, remove contaminated clothing and wash skin thoroughly with soap and water. Call a physician if irritation occurs. Wash contaminated clothing before re-use.

**Storage and disposal**

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

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

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. 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.**

**Ronilan FL** is a liquid flowable fungicide effective on all turfgrasses for control of Dollar Spot (*Sclerotinia homoeocarpa*), Helminthosporium Leaf Spots and Melting Out (*Drechslera* spp.), Red Thread and Pink Patch (*Limonomyces roseipellis* and *Lactisaria fuciformis*, respectively), and Fusarium Patch (*Fusarium rivale*) without prolonged snow cover.

Tank mixes of **Ronilan** and **Fungo** systemic turf fungicide effectively control the above diseases plus complexes of Brown Patch (*Rhizoctonia solani*) and Anthracnose (*Collectotrichum graminicola*) on all turfgrasses

Brown Patch,  
(*Rhizoctonia solani*)

Gray Snow Mold and  
(*Typhula* spp.)

DISEASE	APPLICATION INTERVAL (DAYS)*	APPLICATION RATE** (fl. oz./1,000 sq.ft.)	
		Preventive	Curative
Dollar Spot	14-28	1	2
Leaf Spots and Melting Out	14-23	1	2
Red Thread and Pink Patch	14-28	1	2
Brown Patch***	14-28	1	2
Gray Snow Mold***	10-21	2	4
Fusarium Patch	10-21	2	4

\* Re-treat at shorter intervals or use higher rates if conditions which are favorable to disease development exist.  
\*\* To control existing infections, apply at a curative rate. Apply subsequent treatments at the preventive rate once control is achieved.  
\*\*\* Not approved in California.

Apply indicated rates of **Ronilan FL** in 2-4 gallons of water per 1,000 sq. ft. of turf after mowing and allow foliage to dry before irrigation. Do not exceed label application rates for these diseases.

**Ronilan FL** cannot be mixed with any product bearing a label prohibiting such mixing.

**Mixing Instructions**

Fill spray tank with 1/2-3/4 of total water volume required. Start tank agitation system. Jet or mechanical agitation must be provided during filling and application to insure adequate dispersion/suspension of product. Add proper amount of **Ronilan FL fungicide**. Complete filling to the desired volume. Keep agitated to insure even suspension of material. Make fresh daily. Spray uniformly over the area to be treated with a properly calibrated power sprayer equipped with nozzle screens and inline strainers no finer than 50 mesh. Rinse tank/screens/nozzles thoroughly prior to and following application. Do not apply this product with spray equipment not having jet or mechanical agitation.

If **Ronilan FL** is tank mixed with other pesticide products, use the following sequence:

1. Always check compatibility of the tank mix. Pour products into a small container of water in the correct proportions. After thorough mixing, let stand for thirty minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible
2. Add wettable powders to the tank first, allowing them to completely suspend in the tank before proceeding. This process can be hastened by premixing the product in water before adding to the tank.

3. Add flowables or suspensions next.

4. Add emulsible concentrates last.

5. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation. Mix and apply the same day.

**Note to user:** Wash thoroughly with soap and water after handling. Wash contaminated clothing before re-use. Do not contaminate feed or food. Keep children and pets out of treated areas during application. Do not allow re-entry on the treated area until the spray area is thoroughly dried. Do not apply to areas likely to be grazed by livestock and do not feed clippings to livestock or poultry.

**Warranty**

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the Directions for use. Timing and method of application, weather, watering practices, nature of soil, the disease problem, condition of the crop, incompatibility with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herein. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.**

*Ronilan* is a registered trademark of BASF AG.

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JJ6912 A0520390

**BASF Corporation**  
PO Box 13528  
Research Triangle Park, NC 27709

**BASF**

NOT REVIEWED  
In Accordance with PR Notice 82-2.  
Based on Draft Labeling Dated

5/2/91

# Ronilan® FL

fungicide

## Turf Fungicide

### Active ingredient

3-(3, 5-dichlorophenyl)-5-ethenyl-5-methyl-2, 4-oxazolidinedione\*

41.3%

### Inert ingredients

58.7%

### Total

100.0%

\*Equivalent to 4.17 pounds active ingredient per gallon.

EPA Reg. No. 7969-62

EPA Establishment No. 7969-WG-1

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**Application Rates and Timing for Control of Diseases of Turfgrasses**

Disease	Application Interval (Days)*	Application Rate** Fl. Oz./1000 Sq. Ft.	
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**Conditions of sale and warranty**

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the Directions for use. *Timing and method of application, weather, watering practices, nature of soil, the disease problem, condition of the crop, incompatibility with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.*

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