

RUBIGAN A.S. TURF FUNGICIDE  
INSERT 5

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DHL RUBIGAN AS/50W INSERTS  
03/08/88

222\*\*\*\*/AS\*\*12/LABELS/US/F7060/116

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FA 21  
62719-142  
P. 10

DEC 3 1990

Mr. Craig S. Barrow  
DowElanco  
Quad IV  
9002 Purdue Rd.  
Indianapolis, IN 46268-1189

S385292 300  
~~S385295~~ 300  
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18

Dear Mr. Barrow:

Subject: Notification of Amended Labeling  
Rubigan A.S., EPA Registration No. 62719-142  
Rubigan 50W, EPA Registration No. 62719-126  
Your Submission Dated October 22, 1990

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable with the following comments:

- Under the Environmental Hazards Section, change "Do not contaminate water by cleaning of equipment and disposal of wastes" to "Do not contaminate water when disposing of equipment washwaters".

Stamped copies of the labels are enclosed for your records.

Sincerely yours,

SL

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

Enclosure

H7505C:J.Fairfax:jf:12/3/90

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Turf and Ornamental Fungicide

# Rubigan®

A.S.

ELANCO ID 5944

Turf and Ornamental Fungicide

# Rubigan

A.S.

Net Contents  
One-Half Gallon

Rubigan® A.S. is a locally systemic fungicide for the control of specified diseases on ~~turfgrasses, ornamentals, and for the reduction of Poa annua populations in intensively maintained stands of perennial turfgrasses.~~

For use on: Golf Courses, Parks, Athletic Fields, Commercial and Residential Areas.

Active ingredient  
fenarimol (2-chlorophenyl)-(4-chlorophenyl)-5-pyrimidinemethanol 11.6%

Inert ingredients 88.4%

Contains 1 pound active ingredient per gallon

Rubigan® (fenarimol, Elanco) (fenarimol, DowE)

Keep Out of Reach of Children.

## CAUTION

See side panel for additional precautionary statements

EPA Est. 1471-N-5, 37429-GA-01 34704-NB-02 EPA Reg. No. 1471-165-  
Supplemental is first letter of lot number FN 7152

EPA Reg. No. 62719

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## Directions Enclosed

ACCEPTED  
with COMMENTS  
Date:

0805, 1990

Respectfully,  
EPA Act on  
Pesticide  
for EPA Reg. No.

62719-142

### Directions for Use

See literature attached to this container for complete directions for use. Read all directions carefully before applying. It is a violation of Federal Law to use this product in a manner inconsistent with the label. Shake well before using.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

##### CAUTION

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist and contact with skin, eyes or clothing. Use eye protection and protective clothing, such as a long sleeved shirt and impermeable gloves (i.e. butyl rubber) when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### Statements of Practical Treatment

If in eyes: Immediately flush eyes with plenty of water. Call a physician if irritation develops.  
If on skin: Wash all exposed areas with plenty of soap and water. Get medical attention if irritation develops.  
If inhaled: If discomfort occurs, remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation assistance (mouth to mouth) and call a physician.  
If swallowed: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

#### Environmental Hazards

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water with disposal of equipment washwaters. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

### STORAGE AND DISPOSAL

**Storage:** Avoid freezing. Store in original container only. In case of leak or spill use absorbent materials to contain liquids and dispose as waste.  
**Pesticide Disposal:** Do not contaminate water, food or feed by storage of disposal wastes. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Elanco Products Company - A Division of Eli Lilly and Company  
Indianapolis, IN 46268, U.S.A.

DowElanco  
4040 Vincennes Circle, Suite 601  
Indianapolis, IN 46268

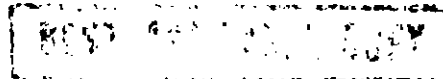
PR-3224-AMP

ID 5944

# Rubigan® A.S.

## Turf and Ornamental Fungicide

A locally systemic fungicide for the control of specified diseases on turfgrasses, ornamentals, and for the reduction of *Poa annua* populations in intensively-maintained stands of perennial turfgrasses.  
For use on: Golf Courses, Parks, Athletic Fields, Commercial and Residential Areas.



Active Ingredient  
Fenarimol (1-(4-chlorophenyl)-4-(4-chlorophenyl)-5-pyrimidinemethanol) 11.6%  
Inert Ingredients 88.4%  
Contains 1 pound active ingredient per gallon  
"Rubigan" (Fenarimol-Etanoc)

(fenarimol, DowElanco)

### Precautionary Statements

Keep Out of Reach of Children.

#### Hazards to Humans and Domestic Animals

##### CAUTION

Causes eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist and contact with skin, eyes, or clothing. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt, and impermeable gloves (i.e., butyl rubber) when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### Statements of Practical Treatment

**If in eyes:** Immediately flush eyes with plenty of water. Call a physician if irritation develops.  
**If on skin:** Wash all exposed areas with plenty of soap and water. Get medical attention if irritation develops.  
**If inhaled:** If discomfort occurs, remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation assistance (mouth to mouth) and call a physician.  
**If swallowed:** Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

#### Environmental Hazards

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

### STORAGE AND DISPOSAL

**Storage:** Avoid freezing. Store in original container only. In case of leak or spill use absorbent materials to contain liquids and dispose as waste.  
**Pesticide 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.  
**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

### Directions for Use

Read All Directions Carefully Before Applying

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Rubigan is a locally systemic fungicide that provides both protective and curative (eradicator) action. Rubigan is recommended for use as a foliar spray for the control of selected turf and ornamental diseases.

#### Turf

For use on: Golf Courses, Parks, Athletic Fields, Commercial and Residential Areas

**Reduction of *Poa annua* populations:** Applications of Rubigan to turfgrass areas containing *Poa annua* (annual bluegrass) have demonstrated a growth modifying effect on this species. Under certain environmental conditions and cultural practices, Rubigan applications may gradually reduce *Poa annua* populations in treated areas. Users that intend to reduce *Poa annua* populations must obtain either (1) Rubigan Product Information Bulletin - *Poa annua* Management Program for Overseeded Bermudagrass Turf, or (2) Rubigan Product Information Bulletin - *Poa annua* Management Program for Northern Cool Season Turf. Obtain the Rubigan Product Information Bulletins from Elanco Products Company or their Rubigan distributors prior to use.

**Precautions:** Applications of Rubigan to turfgrass areas containing *Poa annua* (annual bluegrass) may result in the gradual reduction of this species from the turfgrass area. Cumulative dosages of 11 quarts of Rubigan per acre or 8.0 fluid ounces per 1000 square feet are usually necessary for this response to occur. If such a reduction or loss of *Poa annua* is not acceptable to the user, Rubigan can be used at the minimum label rate (0.75 fluid ounce A.S./1000 square feet) or in alternating application with contact type fungicides.

delete

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### Application Directions—Turf

Rubigan should be added to the spray tank during the last half of the filling operation. Agitate thoroughly during the filling and spraying operation to insure a uniform spray mixture. Use only a properly calibrated fungicide sprayer with nozzle screens and inline strainers no finer than 50 mesh. Use coarse spray equipment to deliver sufficient water volume for uniform coverage.

### Rubigan A.S. Rate Recommendations—Greens and Tees

Disease Organism	Recommended Rates (Fl. Oz. Rubigan A.S.) per 1000 sq. ft.	Spray Interval (Days)	Disease Pressure	Comments (See below)
Dollar Spot ( <i>Sclerotinia homoeocarpa</i> ) ( <i>Moellerodiscus</i> spp.)	0.75	10-21	Low to Moderate	12
	1.5	14-28	Moderate to Heavy	13
Copper Spot ( <i>Gloeocercospora sorghi</i> )	0.75	10-21	Low to Moderate	12
	1.5	14-28	Moderate to Heavy	13
Rhizoctonia Blight/ Large Brown Patch ( <i>Rhizoctonia solani</i> )	1.5	7-14	Low to Moderate	12
	1.5	7-14	Moderate to Heavy	Use tank mixes as discussed below
Necrotic Ring Spot ( <i>Leptosphaeria korrae</i> )	2.0	30	All	9, 11
Summer Patch ( <i>Magnaporthe poae</i> )	2.0	30	All	9, 11
Fusarium Blight ( <i>Fusarium culmorum</i> ) ( <i>Fusarium poae</i> )	2.0	30	All	9, 11
Take All Patch ( <i>Gaeumannomyces graminis</i> )	4.0	30	All	9, 14
Spring Dead Spot ( <i>Leptosphaeria korrae</i> )	4.0-6.0	Single Application	All	4, 9
Fusarium Patch/ Pink Snow Mold ( <i>Microdochium nivale</i> )	8.0	1 or 2 Applications	All	2, 3, 8
Typhula Blight/ Gray Snow Mold ( <i>Typhula incarnata</i> ) ( <i>Typhula ishikariensis</i> )	8.0	1 or 2 Applications	All	2, 8

When treating golf greens and tees, always treat aprons and approaches.

### Rubigan A.S. Rate Recommendations—Other Turf Areas

Disease Organism	Recommended Rates (Fl. Oz. Rubigan A.S.) per 1000 sq. ft.	Spray Interval (Days)	Disease Pressure	Comments (See below)
Dollar Spot ( <i>Sclerotinia homoeocarpa</i> ) ( <i>Moellerodiscus</i> spp.)	0.75	30	All	12
Anthrachnose ( <i>Colletotrichum graminicola</i> )	1.75-3.5	30	All	1
Copper Spot ( <i>Gloeocercospora sorghi</i> )	0.75	10-21	Low to Moderate	12
	1.5	14-28	Moderate to Heavy	13
Rhizoctonia Blight/ Large Brown Patch ( <i>Rhizoctonia solani</i> )	1.5	7-14	Low to Moderate	12
	1.5	7-14	Moderate to Heavy	Use tank mixes as discussed below
Necrotic Ring Spot ( <i>Leptosphaeria korrae</i> )	4.0-8.0	1 or 2 Applications	All	5, 9
Summer Patch ( <i>Magnaporthe poae</i> )	4.0-8.0	1 or 2 Applications	All	5, 9
Fusarium Blight ( <i>Fusarium culmorum</i> ) ( <i>Fusarium poae</i> )	4.0-8.0	1 or 2 Applications	All	5, 9
Stripe Smut ( <i>Ustilago striiformis</i> )	15.0	Single Application	All	2, 9, 10
Fusarium Patch/ Pink Snow Mold ( <i>Microdochium nivale</i> )	8.0	1 or 2 Applications	All	2, 3, 8
Typhula Blight/ Gray Snow Mold ( <i>Typhula incarnata</i> ) ( <i>Typhula ishikariensis</i> )	8.0	1 or 2 Applications	All	2, 8
Corticium Red Thread ( <i>Laenzaria luciformis</i> )	8.0	30	All	2, 7
Take All Patch ( <i>Gaeumannomyces graminis</i> )	4.0-8.0	1 or 2 Applications	All	6, 9
Powdery Mildew ( <i>Erysiphe graminis</i> )	2.0-4.0	30	All	13
Spring Dead Spot ( <i>Leptosphaeria korrae</i> )	4.0-6.0	Single Application	All	4, 9

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2. Single high rate applications such as required to control these diseases may inhibit<sup>1</sup> germination of creeping bentgrass for up to 30 days following application.

1. Applications for anthracnose should be applied prior to the anticipated appearance of disease symptoms and continued at 30 day intervals for as long as conditions for disease continue.
2. Single high rate applications such as required to control these diseases may result in the rapid elimination of Poa annua when applied to greens or tees or other cool season turfgrass areas during periods of environmental stress. Subsequent reseeding with creeping bentgrass may be delayed for 10 to 30 days following such applications.
3. This recommendation does not apply to the control of Fusarium patch (pink patch) as it occurs under conditions of cool, wet weather in the western United States (CA, OR, and WA). Under these conditions, Rubigan should be applied at 2.0 fl. oz./1000 sq. ft. every 3 to 4 weeks during periods of favorable disease conditions.
4. For Spring Dead Spot, make a single application of 4.0 fl. oz./1000 sq. ft. in September or 6.0 fl. oz./1000 sq. ft. in October or November.
5. Rubigan should be applied preventively in a single 4.0-8.0 fl. oz./1000 sq. ft. application in April or as a split application with 2.0-4.0 fl. oz./1000 sq. ft. applied in April and 2.0-4.0 fl. oz./1000 sq. ft. applied in May. Use the higher rate listed when area to be treated has a previous history of disease infestation.
6. For take all patch, Rubigan should be applied preventively in a single 8.0 fl. oz./1000 sq. ft. application or as a split application each at 4.0 fl. oz./1000 sq. ft. applied at 30-day intervals. Applications should be made prior to permanent snow cover or frozen soil.
7. Applications for Corticum red thread should begin 1 to 2 weeks prior to the anticipated appearance of disease symptoms. Applications should be made at 30-day intervals with a maximum of 2 applications during any 1 season.
8. The initial application for Fusarium patch and Typhula blight should be made as a standard foliar application prior to permanent snow cover or frozen soil. A second application may be necessary in late winter or early spring if conditions are favorable for renewed disease development.
9. Applications for necrotic ring spot, summer patch, Fusarium blight, stripe smut, take all patch, and spring dead spot should be applied to the turfgrass and thoroughly irrigated with 1/2 to 1 inch of water.
10. Application for stripe smut should be made as a single application in October or in early spring prior to turfgrass greenup.
11. For greens and tees, Rubigan should be applied preventively at 2.0 fl. oz./1000 sq. ft. beginning in April with a second application at 2.0 fl. oz./1000 sq. ft. in May. If conditions are favorable in the fall for disease occurrence, applications 14 days prior to the anticipated appearance of disease symptoms may be necessary.
12. All applications for dollar spot, copper spot and Rhizoctonia blight should be made as standard foliar applications. Applications made prior to the appearance of visible disease symptoms (preventive applications) should be made at the lowest rate and longest interval listed above.
13. Applications to areas with visible symptoms of dollar spot, copper spot and powdery mildew 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.
14. For greens and tees, Rubigan should be applied preventively in two applications of 4.0 fl. oz./1000 sq. ft. at 30 day intervals. Applications should be made prior to permanent snow cover or frozen soil. If conditions are favorable in the fall for disease occurrence, applications 14 days prior to the anticipated appearance of disease symptoms may be necessary.

### Tank Mixtures

When disease pressure from Rhizoctonia blight increases to moderate, control will be enhanced by tank mixing Rubigan with a contact fungicide such as Daconil<sup>®</sup> 2787. If a tank mixture is used, apply the minimum label rate recommended for the control of Rhizoctonia blight. Under conditions of heavy Rhizoctonia blight pressure, additional sequential applications of a contact fungicide may be necessary to keep the disease adequately controlled.

**Additional Disease Control:** If turf is threatened by additional diseases, Rubigan is compatible with most commonly used turf fungicides. Leaf spotting organisms such as *Drechslera* and *Cynophiala* will require the use of a fungicide such as Daconil 2787 or Tersan<sup>®</sup> LSR for control. If a tank mixture is used, follow label directions for the use of that product and apply at the minimum rate recommended for control of the target disease organism.

Rate Conversion Chart  
Rubigan A.S. for Turf

Label Rates A.S./1000 sq. ft.	Quantity A.S. Per Acre
0.75 fl. oz.	1 Quart
1.50 fl. oz.	2 Quarts
2.00 fl. oz.	2 3/4 Quarts
4.00 fl. oz.	5 1/2 Quarts
6.00 fl. oz.	6 Quarts
8.00 fl. oz.	11 Quarts
15.00 fl. oz.	20 Quarts

### Ornamentals

Rubigan is a locally systemic fungicide for the prevention or therapeutic control of powdery mildew of field or landscape grown roses and field, landscape or container grown ornamentals. Once dried on the leaf surface, Rubigan is absorbed into the plant foliage and is not easily washed off by rain or overhead irrigation. Used as directed, Rubigan will not harm the foliage or floral tissues.

### Application Directions—Ornamentals

Rubigan should be added to the spray tank during the last half of the filling operation. Continuous agitation during completion of filling and spraying will be necessary to insure a uniform spray mixture. Apply Rubigan with sufficient pressure and spray volume to insure thorough wetting of all plant surfaces. Special care should be taken to thoroughly wet new terminal growth and plant areas already diseased. Applications of Rubigan should begin at the earliest appearance of signs or symptoms of disease.

### Field or Landscape Grown Roses

#### Recommended Usage Rates and Spray Intervals

Disease Severity*	Recommended Rates Rubigan A.S. Fluid Oz./100 Gal.	Spray Interval (Days)
Low	4-5	10-14
Medium	6-8	10-14
High	8-12	7-10

\*Low (1-30) Medium (30-60) High (60-100) percent of leaves on individual plants infected with disease organism.

**Tank Mixtures:** In areas where blackspot occurs, Rubigan should be tank mixed with an EPA registered, commercially available fungicide. Use the recommended label rate of the selected tank mix product for blackspot control and the appropriate rate of Rubigan from the table above.

**Note to User:** Application of Rubigan 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.

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**Field, Landscape or Container Grown Ornamentals**

**Recommended Usage Rates and Spray Intervals**

Ajuga	Dahlia	Sweet Pea
Begonia	Delphinium	Verbena
Calendula	Hydrangea	Zinnia
Chrysanthemum	Phlox	

Type Application	Recommended Rates* Rubigan A.S. Fluid Oz./100 Gal.	Spray Interval* (Days)
Ground	3 5	10 14

Crapemyrtle  
Euonymus  
Photinia

Type Application	Recommended Rates* Rubigan A.S. Fluid Oz./100 Gal.	Spray Interval* (Days)
Ground	6 10	10 14

\*Apply Rubigan at the recommended low rate and maximum spray interval only when using as a preventative or when leaf infection is less than 10 percent. Use the higher rates and shorter spray intervals when greater than 10 percent leaf infection occurs and environmental conditions encourage disease spread.

**Flowering Crabapples**

For control of scab, powdery mildew and rusts apply Rubigan at 4-12 fl. oz./100 gallons of water. Begin applications when disease first appears and repeat at 7-14 day intervals throughout the growing season. Use the shorter intervals or higher rates during humid, rainy weather.

**Disclaimer of Warranties**

Elanco Products Company makes no warranties concerning this product or its use, which extend beyond the description on the label. Elanco also expressly disclaims all warranties, express or implied, in relation to any use of this product in combination or sequential use with any other product not specifically recommended in writing by Elanco Products Company. All other warranties, expressed or implied, including but not limited to any implied warranties of merchantability and fitness for a particular purpose, are disclaimed. All statements concerning this product apply only when used as directed. This disclaimer of warranties does not apply where prohibited by operation of law.

**Limitation of Damages**

The liability of Elanco Products Company, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the return of the amount of the purchase price of this product and under no circumstances shall Elanco be liable for special, indirect or consequential damages if Rubigan A.S. is used in a combination or sequential use recommended by Elanco Products Company. The liability of Elanco shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of Rubigan A.S. in such combination or sequential use. This limitation of damages does not apply where prohibited by operation of law.

Rubigan is a registered trademark of Elanco Products Company.  
 Dacthal 2-10 is a trademark of Monsanto Company.  
 Tersan is a trademark of DuPont. (fenarimol, DowElanco)

Warranty and disclaimer statements to be revised as per company policy when label is reprinted.

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Literature issued April 29, 1980  
 Elanco Products Company — A Division of Eli Lilly and Company  
 Indianapolis, IN 46205, U.S.A.  
 ID 5944 — R 22-1 AMP

**DowElanco**  
 4040 Vincennes Circle, Suite 601  
 Indianapolis, IN 46268

## SUPPLEMENTAL LABELING

DowElanco . Indianapolis, IN 46268, U.S.A.

RUBIGAN\* A.S. (E.P.A. REG. NO. 62719-142)  
RUBIGAN 50W (E.P.A. REG. NO. 62719-126)

### POA ANNUA MANAGEMENT PROGRAM FOR OVERSEEDED BERMUDAGRASS GREENS AND TEES

Poa annua behaves as a true winter annual weed in southern warm season turfgrass areas. As such, it reduces turf quality in overseeded Bermudagrass greens and tees and is a significant management problem for golf course superintendents. Rubigan can be used as a tool for reducing Poa annua populations in overseeded Bermudagrass greens and tees. Methods of reducing Poa annua populations can be varied to fit easily into a golf course turf management program. This supplemental labeling describes various options for managing Poa annua populations using Rubigan. The program should not be undertaken unless this bulletin is fully understood by the user. In addition, the user should read and follow all use directions, precautions and limitations on the Rubigan label.

#### Rubigan Growth Regulating Effect

Rubigan may exert a growth regulating effect in certain plants by reducing the biosynthesis of gibberellic acid. This effect is expressed as a reduction in internode elongation and suppression of overall plant growth. In the presence of sufficiently high rates of Rubigan or prolonged exposure, a species sensitive to this effect may be selectively suppressed. In turf this effect allows the competitive balance to shift in favor of less sensitive cultivars. Poa annua has demonstrated a significantly greater sensitivity to Rubigan than perennial turfgrass species and most of their cultivars. The selective growth regulation of Poa annua can be most readily observed in Rubigan treated greens and tees. Proper use of this activity can assist the golf course superintendent in managing the Poa annua composition of this greens and tees.

#### Management of Poa annua Using Rubigan

Rubigan, a highly effective locally systemic fungicide, is labeled for control of a number of economically important turfgrass diseases. The Rubigan Poa annua management program can be timed to coincide with fall fungicide applications for control of late season diseases in Bermudagrass greens and tees.

For optimum control, Rubigan should be applied prior to germination of Poa annua. Treatment alternatives include a program of either 2 or 3 applications to reach a 3.0 ounce/1000 square feet rate of Rubigan 50W or the 12.0 fluid ounce/1000 square feet rate of Rubigan A.S.

Timing is the critical issue in achieving control of Poa annua. Most consistent results are achieved when Rubigan is applied prior to germination of Poa annua. If a later overseeding date is scheduled, the three application strategy is most effective.

#### Overseeding

Fine bladed perennial ryegrass or blends of ryegrass cultivars are recommended for overseeding greens and tees. To avoid seedling stress the last application of Rubigan should be made at least 2 weeks before overseeding perennial ryegrass and the seeding rate should be a minimum of 30 pounds per 1000 square feet. If either Poa trivialis or bentgrass is used for overseeding, follow the 3 application program. To avoid seedling stress when overseeding Poa trivialis or bentgrass, the final application of Rubigan should be made at least 30 days before overseeding.

ACCEPTED  
with COMMENTS  
in 1990 Dated:

550 00 1990

Fungicide,  
EPA Act as  
pesticide  
registered under EPA Reg. No.