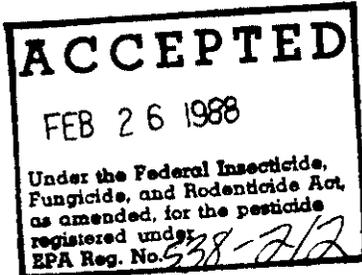


538-212

02/26/1988

1/18

FRONT:



(S-1425T)  
Fertilizer with TGR #XXXXXX  
Poa Annua Control  
03/12/86 JF            01/15 87 CR  
03/26/86 JF            02/09/87 LW  
04/01/86 JF            02/25/87 LW  
05/16/86 JF            04/20/87 JF  
05/05/87 CR

(Scotts (R))  
ProTurf  
BRAND

31-3-9

Fertilizer with TGR™  
Poa Annua Control

- . suppresses Poa annua growth in bentgrass and Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways and roughs, and bentgrass greens
- . encourages preferential and aggressive growth of bentgrass, Kentucky bluegrass, and perennial ryegrass into adjacent Poa annua areas
- . extends color response through controlled-release nitrogen feeding and growth modification

Net Weight 701 1/2 lbs (318.19 kg)

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Keep out of reach of children. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Causes eye irritation. If in eyes, flush with plenty of water. Get medical attention if irritation persists. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Environmental Hazards: Do not apply directly to water or wetlands. Do not apply to steep slopes near water or when weather conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of waste.

ACTIVE INGREDIENT:

Paclobutrazol (±)-R\*, R\*-B)-°4-chlorophenyl)methyl|-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol. . . . . C.018%

INERT INGREDIENTS: . . . . . 99.982%  
Total 100.000%

FRONT CONTINUED:

Guaranteed Analysis

Total nitrogen (N) . . . . .	31%
0.7% ammoniacal nitrogen	
23.5% urea, methylene ureas nitrogen	
6.8% water insoluble nitrogen	
Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> ) . . . . .	3%
Soluble potash (K <sub>2</sub> O) . . . . .	9%

Derived from: monoammonium phosphate, urea, methylene ureas, potassium sulfate.

EPA Reg No 538-212  
US Pat Nos 3,705,794 and 3,989,470

EPA Est No 538-OH-1  
Product of USA

ProTurf Division  
The O M Scott & Sons Company  
Marysville, Ohio 43041  
(c) 1986. The O M Scott & Sons Company. All rights reserved.

---

Recommended for Use by Professional Turfgrass Managers

---

31-3-9  
Fertilizer with TGR™  
Poa Annua Control

GUSSETS:

3/18

RIGHT GUSSET:

XXXXX

(Scotts (R))  
ProTurf (R)  
BRAND

31-3-9  
Fertilizer with TGR™  
Poa Annua Control

LEFT GUSSET:

(Scotts (R))  
ProTurf (R)  
BRAND

31-3-9  
Fertilizer with TGR™  
Poa Annua Control

XXXXX

BACK:

31-3-9  
Fertilizer with TGR™  
Poa Annua Control

XXXXX

(Scotts®)  
ProTurf®  
BRAND

31-3-9  
Fertilizer with TGR™  
Poa Annua Control

Directions for use

LEFT COLUMN

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

POA ANNUA CONTROL

For suppression of Poa annua in bentgrass, Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways and roughs, and bentgrass greens. Repeat applications in a programmed approach will result in the gradual elimination of Poa annua as a major component of the turfgrass stand. Once the desired level of Poa annua is obtained, annual applications and appropriate management practices will help prevent Poa annua from reestablishing as a major management problem.

What to Expect

The growth and competitive ability of Poa annua will be reduced within 1-2 weeks of an application. The shoot and leaf tissue will become discolored (yellow to brown) for 3-8 weeks following the onset of growth regulation. Growth reduction of Poa annua will last for at least 3-8 weeks. During this period, growth of bentgrass, Kentucky bluegrass, and perennial ryegrass will be stimulated to "crowd out" the weakened Poa annua. Creeping bentgrasses will be more effective than Colonial bentgrass varieties in aggressively encroaching Poa annua areas. On bentgrass greens, growth reduction on Poa annua may last longer than 8 weeks and Poa annua discoloration may not occur.

The formation of Poa annua seedheads will not be prevented, but spring applications will stunt the growth of the seedhead stalk. Applications made just prior to seedhead emergence will greatly reduce the visibility of seedheads for 3-5 weeks.

Regreening/regrowth of Poa annua will occur 4-8 weeks after application. Bentgrass, Kentucky bluegrass, and perennial ryegrass color will be enhanced for 6-12 weeks under non-stress conditions.

Stress conditions following application may result in temporary undesirable color changes of bentgrass and Kentucky bluegrass. Avoid these conditions by irrigating and applying at the recommended time.

Treatments will not have any detrimental effects on turfgrass root growth under normal growing conditions and when used as directed.

The degree of Poa annua control will be influenced by turfgrass management practices, climate, soil type, bentgrass variety, and Poa annua biotype.

BACK CONTINUED:

DIRECTIONS FOR USE

Program Scheduling

Use any time when Poa annua is actively growing. Repeated late summer/early fall followed by spring applications are recommended for gradual Poa annua control. Best results are achieved when programs begin in the late summer/early fall.

A more intensive program for quicker long-term control includes two spring applications and a late summer/early fall application (specifically, for spring applications apply just prior to seedhead emergence and again when Poa annua discoloration has subsided and the more desirable grasses are actively growing).

Repeat applications over a 2-3 year period may be required in some areas of high initial contamination to significantly reduce Poa annua populations to the desired level.

When Poa annua populations have been reduced to the desired level, annual late summer/early fall applications are recommended where continuous long-term control is desired.

RIGHT COLUMN

Contamination Levels

In areas of high Poa annua contamination (population densities of 50-70%), apply at the LIGHT RATE to avoid possible loss of playing surface quality.

In areas of low Poa annua contamination (less than 50%), apply at the NORMAL RATE to achieve quicker removal without significant loss of playing surface quality.

Conditions At Time Of Application

Moderate soil moisture conditions should be present before and after applications to achieve the best control. For best results, avoid applications during extreme soil temperature and moisture conditions.

Apply to dry foliage using the proper spreader overlap. For best results, water in (at least 1/4 inch) within 48 hours after application.

### Additional Program Scheduling

Overseeding is recommended to hasten the conversion from Poa annua to the more desirable grasses. To avoid temporarily stunting the growth of the desirable seedlings when applying this product, allow at least 2 weeks following treatment before overseeding, and in newly overseeded areas, make treatments at least 6 weeks after overseeding.

If weeds are a problem, use the appropriate weed control product to maintain best turf appearance.

If a weed, disease or insect problem occurs after application, apply a recommended control product in the same manner as is normally practiced, since the use of this product is compatible with existing control products.

If Embark<sup>R\*</sup> is used for Poa annua seedhead control, apply this product at least 10 days before or after Embark<sup>R</sup> use to avoid potential discoloration of bentgrass and Kentucky bluegrass.

Avoid late fall applications to prevent early spring discoloration of bentgrass or Kentucky bluegrass. Spring mowings and renewed growth will eliminate this discoloration.

Applications made in the fall after the desirable grass have ceased growing may result in less color response and reduced or delayed activity on Poa annua but will provide both a greening response on the desirable grasses as well as growth suppression of Poa annua the following spring.

Collecting clippings and the use of lightweight equipment throughout the year will enhance the long-term performance of treatments. If aerifying and/or heavy topdressing greens, do so at least two weeks before or 4 weeks after product is applied.

\*Embark<sup>(R)</sup> is a registered trademark of PBI Gordon Corporation.

### PRECAUTIONS

Not for use on tees, athletic fields, or sod farms.

Do not apply to Kentucky bluegrass collars where consistent turf height is desired.

Not for use around shrubs, fruit trees, flowers or vegetable plants; however, applications to turf areas under the tree canopies will not affect or harm trees.

Not for use on hybrid bermudagrass.

Do not use in areas containing greater than 70% Poa annua since the level of Poa annua discoloration may be unacceptable. Use other management practices initially to decrease Poa annua levels below 70%.

Do not use during periods of extreme environmental stress, such as heat, drought, or cold, or during heavy insect or disease activity.

Frequent irrigation after application throughout hot and dry weather conditions will help prevent potential discoloration of bentgrass and Kentucky bluegrass and ensure continued aggressive growth of the desirable grasses into Poa annua areas.

Heavy rainfall or irrigation after application in areas where the soil is already saturated may cause the active ingredient to move laterally on steep slopes and collect in low areas. These areas may undergo more severe growth control for a longer period of time. To avoid this response, do not apply when soil is already saturated.

Do not use spreader settings other than those recommended. Improper rates may cause undesirable turf growth control and areas may discolor temporarily.

Where large areas of the desirable turf have been thinned from winter damage, disease, or insects, withhold application until desired fill-in and rooting of the turf stand is achieved.

#### GROWTH REGULATION OF LAWN TURFGRASSES

For growth regulation of well maintained, lawn height commercial, industrial and residential bluegrass/bentgrass/ryegrass and Poa annua turfgrass areas that are on regular fertilization programs.

#### WHAT TO EXPECT

Applications made at the "NORMAL" rate between March 1 - April 30 (Spring) or September 1 - October 31 (Fall) will result in reduced vertical growth, mowing frequencies and clipping yields of lawn height bluegrass/bentgrass/ryegrass and Poa annua turfgrass areas. Also realized will be improved and extended color and the overall improvement in turfgrass quality.

#### PRECAUTIONS

Do not make more than 2 Spring and 1 Fall applications per year.

Do not make applications to turf areas containing more than 50% Poa annua.

Do not make applications outside March 1 - April 30 or September 1 - October 31 periods.

Do not use during the recommended period if extreme environmental stresses such as heat, drought or cold or if heavy insect or disease pressures are present.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

ProTurf Division, The O M Scott & Sons Company  
Marysville, Ohio 43041

**Recommended Spreader Settings**

To provide proper distribution calibrate spreader before application.

701 1/2 lbs (318.19 kg) treats 11,000 ft<sup>2</sup> (1/4 acre/1022m<sup>2</sup>) at Heavy rate.  
701 1/2 lbs (318.19 kg) treats 16,500 ft<sup>2</sup> (3/8 acre/1532m<sup>2</sup>) at Light rate.

<u>Spreader</u>	<u>Ground or PTO Speed</u>	<u>Width of Coverage</u>	<u>Spreader Settings</u>	
			<u>Light</u>	<u>Heavy</u>
Scotts Rotaries*				
R-7, R-7X	X	X ft	X	X
R-8 (cone X)	X	X ft	X	X
Lely Models (see below)	X	X ft	X	X
Vicon	X	X ft	X	X

Lely Models WTR, WFR, HR and 1250. PTO at 450 RPM.

\* Move slide to 1/4 closed position.

9/18

LIMITATION OF LIABILITY

While a wide variety of tests have been conducted, it must be understood that this product has not been tested on greens of all bentgrass varieties under all possible growing conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performance under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT ON BENTGRASS GREENS IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND ESTABLISHED SAFE PRACTICES. The exclusive remedy of the user or Buyer, and the limit of liability of the O M Scott & Sons Company or any other Seller, for any and all losses, injuries and 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 O M Scott & Sons Company.

07520/1396X

10/18

FRONT:

(S-1424T)  
Fertilizer with TGR #XXXXX  
Poa Annua Control  
03/12/86 JF 01/15/87 CR  
03/26/86 JF 02/09/87 LW  
04/01/86 JF 02/25/87 LW  
03/03/87 JF 04/20/87 JF  
05/05/87 CR

(Scotts(R))  
ProTurf  
BRAND

29-3-3

Fertilizer with  
TGR™ Poa Annua  
Control

- . suppresses Poa annua growth in bentgrass, Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways and roughs, and bentgrass greens
- . encourages preferential and aggressive growth of bentgrass, Kentucky bluegrass, and perennial ryegrass into adjacent Poa annua areas
- . extends color response through controlled-release nitrogen feeding and growth modification

Net Weight 9 1/8 lbs (4.13 kg)

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Keep out of reach of children. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Causes eye irritation. If in eyes, flush with plenty of water. Get medical attention if irritation persists. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Environmental Hazards: Do not apply directly to water or wetlands. Do not apply to steep slopes near water or when weather conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of waste.

ACTIVE INGREDIENT:

Paclobutrazol (+)-R\*,R\*-B)-<sup>o</sup>4-chlorophenyl)methyl|-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol. . . . . 1.39%

INERT INGREDIENTS: . . . . . 98.62%  
Total 100.00%





13/18

BACK:

29-3-3  
Fertilizer with TGR™  
Poa Annua Control

XXXXX

(Scotts (R))  
ProTurf (R)  
BRAND

29-3-3  
Fertilizer with  
TGR™  
Poa Annua Control

Directions for use

**LEFT COLUMN**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**POA ANNUA CONTROL**

For suppression of Poa annua in bentgrass, Kentucky bluegrass, and Kentucky bluegrass/perennial ryegrass fairways and roughs, and bentgrass greens. Repeat applications in a programmed approach will result in the gradual elimination of Poa annua as a major component of the turfgrass stand. Once the desired level of Poa annua is obtained, annual applications and appropriate management practices will help prevent Poa annua from reestablishing as a major management problem.

**What To Expect**

The growth and competitive ability of Poa annua will be reduced within 1-2 weeks of an application. The shoot and leaf tissue will become discolored (yellow to brown) for 3-8 weeks following the onset of growth regulation. Growth reduction of Poa annua will last for at least 3-8 weeks. During this period, growth of bentgrass, Kentucky bluegrass, and perennial ryegrass will be stimulated to "crowd out" the weakened Poa annua. Creeping bentgrasses will be more effective than Colonial bentgrass varieties in aggressively encroaching Poa annua areas. On bentgrass greens, growth reduction on Poa annua may last longer than 8 weeks and Poa annua discoloration may not occur.

The formation of Poa annua seedheads will not be prevented, but spring applications will stunt the growth of the seedhead stalk. Applications made just prior to seedhead emergence will greatly reduce the visibility of seedheads for 3-5 weeks.

Regreening/regrowth of Poa annua will occur 4-8 weeks after application. Bentgrass, Kentucky bluegrass, and perennial ryegrass color will be enhanced for 6-12 weeks under non-stress conditions.

Stress conditions following application may result in temporary undesirable color changes of bentgrass and Kentucky bluegrass. Avoid these conditions by irrigating and applying at the recommended time.

Treatments will not have any detrimental effects on turfgrass root growth under normal growing conditions and when used as directed.

The degree of Poa annua control will be influenced by turfgrass management practices, climate, soil type, bentgrass variety, and Poa annua biotype.

DIRECTIONS FOR USE

Program Scheduling

Use any time when Poa annua is actively growing. Repeated late summer/early fall followed by spring applications are recommended for gradual Poa annua control. Best results are achieved when programs begin in the late summer/early fall.

A more intensive program for quicker long-term control includes two spring applications and a late summer/early fall application (specifically, for spring applications apply just prior to Poa annua seedhead emergence and again when Poa annua discoloration has subsided and the more desirable grasses are actively growing).

Repeat applications over a 2-3 year period may be required in some areas of high initial contamination to significantly reduce Poa annua populations to the desired level.

When Poa annua populations have been reduced to the desired level, annual late summer/early fall applications are recommended where continuous long-term control is desired.

RIGHT COLUMN

Contamination Levels

In areas of high Poa annua contamination (population densities of 50-70%), apply at the LIGHT RATE to avoid possible loss of playing surface quality.

In areas of low Poa annua contamination (less than 50%), apply at the NORMAL RATE to achieve quicker removal without significant loss of playing surface quality.

Conditions At Time Of Application

Moderate soil moisture conditions should be present before and after applications to achieve the best control. For best results, avoid applications during extreme soil temperature and moisture conditions.

Apply to dry foliage using the proper spreader overlap. For best results, water in (at least 1/4 inch) within 48 hours after application.

### Additional Program Scheduling

Overseeding is recommended to hasten the conversion from Poa annua to the more desirable grasses. To avoid temporarily stunting the growth of the desirable seedlings when applying this product, allow at least 2 weeks following treatment before overseeding, and in newly overseeded areas, make treatments at least 6 weeks after overseeding.

If weeds are a problem, use the appropriate weed control product to maintain best turf appearance.

If a weed, disease or insect problem occurs after application, apply a recommended control product in the same manner as is normally practiced, since the use of this product is compatible with existing control products.

If Embark<sup>R\*</sup> is used for Poa annua seedhead control, apply this product at least 14 days after Embark<sup>R</sup> use to avoid potential discoloration of bentgrass and Kentucky bluegrass.

### RIGHT COLUMN

Avoid late fall applications to prevent early spring discoloration of bentgrass and Kentucky bluegrass. Spring mowings and renewed growth will eliminate this discoloration.

Applications made in the fall after the desirable grasses have ceased growing may result in less color response and reduced or delayed activity in Poa annua but will provide both a greening response on the desirable grasses as well as growth suppression of Poa annua the following spring.

Collecting clippings and the use of lightweight equipment throughout the year will enhance the long-term performance of treatments. If aerifying and/or heavy topdressing greens, do so at least two weeks before or 4 weeks after product is applied.

\*Embark<sup>(R)</sup> is a registered trademark of the PBI Gordon Corporation.

### PRECAUTIONS

Not for use on tees, athletic fields, or sod farms.

Do not apply to Kentucky bluegrass collars where consistent turf height is desired.

Not for use around shrubs, fruit trees, flowers or vegetable plants; however, applications to turf areas under the tree canopies will not affect or harm trees.

Not for use on hybrid bermudagrass.

Do not use in areas containing greater than 70% Poa annua since the level of Poa annua discoloration may be unacceptable. Use other management practices initially to decrease Poa annua levels below 70%.

Do not use during periods of extreme environmental stress, such as heat, drought, or cold, or during heavy insect or disease activity.

Frequent irrigation after application throughout hot and dry weather conditions will help prevent potential discoloration of bentgrass and Kentucky bluegrass and ensure continued aggressive growth of the desirable grasses into Poa annua areas.

Heavy rainfall or irrigation after application in areas where the soil is already saturated may cause the active ingredient to move laterally on steep slopes and collect in low areas. These areas may undergo more severe growth control for a longer period of time. To avoid this response, do not apply when soil is already saturated.

Do not use spreader settings other than those recommended. Improper rates may cause undesirable turf growth control and areas may discolor temporarily.

Where large areas of the desirable turf have been thinned from winter damage, disease, or insects, withhold application until desired fill-in and rooting of the turf stand is achieved.

#### GROWTH REGULATION OF LAWN TURFGRASSES

For growth regulation of well maintained, lawn height commercial, industrial and residential bluegrass/bentgrass/ryegrass and Poa annua turfgrass areas that are on regular fertilization programs.

#### WHAT TO EXPECT

Applications made at the "NORMAL" rate between March 1 - April 30 (Spring) or September 1 - October 31 (Fall) will result in reduced vertical growth, mowing frequencies and clipping yields of lawn height bluegrass/bentgrass/ryegrass and Poa annua turfgrass areas. Also realized will be improved and extended color and the overall improvement in turfgrass quality.

#### PRECAUTIONS

Do not make more than 2 Spring and 1 Fall applications per year.

Do not make applications to turf areas containing more than 50% Poa annua.

Do not make applications outside March 1 - April 30 or September 1 - October 31 periods.

Do not use during the recommended period if extreme environmental stresses such as heat, drought or cold or if heavy insect or disease pressures are present.

**Storage and disposal**

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

ProTurf Division  
The O M Scott & Sons Company  
Marysville, Ohio 43041

**Recommended Spreader Settings**

**FOR PROPER DISTRIBUTION CALIBRATE SPREADER BEFORE APPLICATION**

9 1/8 lbs (4.13 kg) treats 11,000 ft<sup>2</sup> (1/4 acre/1022m<sup>2</sup>) at Normal rate.  
9 1/8 lbs (4.13 kg) treats 16,500 ft<sup>2</sup> (3/8 acre/1532m<sup>2</sup>) at Light rate.

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>SPREADER SETTINGS</u>	
			<u>LIGHT</u>	<u>NORMAL</u>
Scotts Rotaries				
R-7, R-7X*	X	X ft	X	X
R-8A (cone X)	X	X ft	X	X
Lely Models (see below)	X	X ft	X	X
Vicon	X	X ft	X	X

Lely Models WTR, WFR, HR and 1250. PTO at 450 RPM.

\* Move slide to 1/4 closed position.

LIMITATION OF LIABILITY

While a wide variety of tests have been conducted, it must be understood that this product has not been tested on greens of all bentgrass varieties under all possible growing conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performance under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT ON BENTGRASS GREENS IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND ESTABLISHED SAFE PRACTICES. The exclusive remedy of the user or Buyer, and the limit of liability of the O M Scott & Sons Company or any other Seller, for any and all losses, injuries and 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 O M Scott & Sons Company.

09490/1397X

