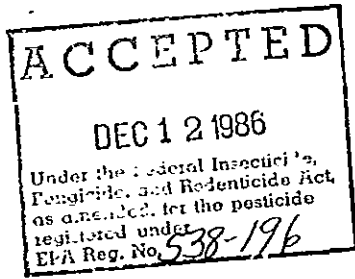


(S-1568) (PENDING EPA APPROVAL)
PROTURF FERTILIZER PLUS TURF
WEEDGRASS CONTROL 83816
10/10/86 JF 11/07/86 JF



FRONT:

(Scotts(R))
ProTurf(R)
BRAND

High Density
30-3-10
Fertilizer Plus
Turf Weedgrass
Control

- o preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge and Poa annua
- o provides controlled-release nitrogen feeding

Net Weight 66 lbs (29.93 kg)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION, causes eye irritation. Avoid contact with eyes, skin, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash after handling. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENT:		
pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl		
-2,6-dinitrobenzenamine*	1.15%	
INERT INGREDIENTS:	98.85%	
	Total	100.00%

EPA Reg. No. 538-196

EPA Est 538-OH-1

Fertilizer Plus Turf Weedgrass Control 30-3-10

643-8544

Guaranteed Analysis

Total nitrogen (N)	30%
0.6% ammoniacal nitrogen	
22.9% urea, methylene ureas nitrogen	
6.5% water insoluble nitrogen	
Available phosphoric acid (P ₂ O ₅)	3%
Soluble potash (K ₂ O)	10%

Derived from: urea, methylene ureas, monoammonium phosphate and potassium sulfate
 Product of USA
 U.S. Pat Nos 3,705,794; 3,989,470

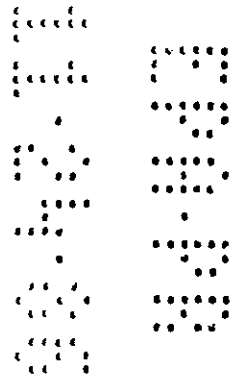
*Licensed under one or more of the following
 U.S. Patents: 3,920,742; 4,066,441

ProTurf Division, The O M Scott & Sons Company
 Marysville, Ohio 43041
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Recommended for Use by Professional Turfgrass Managers

83816

30-3-10
 Fertilizer Plus
 Turf Weedgrass
 Control



GUSSETS:

RIGHT GUSSET

83816

(Scotts(R))
Proturf(R)
BRAND

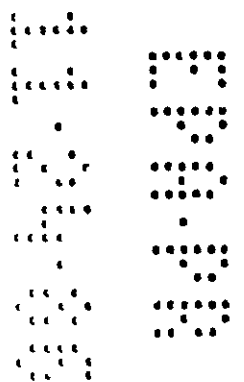
30-3-10
Fertilizer Plus
Turf Weedgrass
Control

LEFT GUSSET

Scotts(R)
ProTurf(R)
BRAND

30-3-10
Fertilizer Plus
Turf Weedgrass
Control

83816



BACK:

30-3-10
Fertilizer Plus
Turf Weedgrass Control

(Scotts (R))
ProTurf (R)
BRAND

30-3-10
Fertilizer Plus
Turf Weedgrass Control

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Directions for use

LEFT COLUMN

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

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, ~~bentgrass and Poa annua (except putting greens and tees)~~, bermudagrass (non-winter overseeded), St. Augustine, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. ~~See "Bermudagrass, Bentgrass and Poa Annua Precautions."~~

~~Not for use on bentgrass and Poa annua putting greens and tees, or on dichondra.~~

Prevents sprouting of the following grassy and dicot weeds and provides a controlled-release nitrogen feeding:

Grassy Weeds

- crabgrass
- foxtail
- goosegrass*
- Poa annua
- barnyardgrass
- fall panicum

Dicot Weeds

- chickweed
- oxalis
- prostrate spurge*
- ~~knotweed~~
- ~~cudweed~~
- ~~hop clover~~
- eveningprimrose
- ~~henbit~~
- ~~putchale~~

To prevent crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua, cudweed, eveningprimrose, chickweed, oxalis, spurge, henbit and knotweed apply product to dry foliage at the RECOMMENDED RATE RANGE in the spring or fall before they sprout.

*To prevent goosegrass and heavy infestations of spurge, repeat application at the suggested rate after 6-8 weeks.

To prevent Poa annua, henbit and fall germinating chickweed, apply product to dry foliage at the suggested rate in late summer-early fall before germination. A repeat application after Poa annua treatment should not be made until the following spring.

BEST AVAILABLE COPY

BACK CONTINUED:

Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (1/4-1/2 inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying subsequent to application. Allow at least a four month span between any two applications except when repeat treatments are necessary after 6-8 weeks.

Do not mow treated area until product has been watered in and turf foliage has dried.

BEST AVAILABLE COPY

Precautions

Do not use on bentgrass and Poa annua putting greens and tees, where it is the desired species or on dichondra.

Do not apply this product to cool season turfgrasses when temperatures are regularly in the 80's.

This product may cause discoloration and thinning where overapplications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature - below 40°F, scalping, or excessive soil moisture).

Bermudagrass, 1/2 inch Height or Taller Bentgrass and Poa Annua Precautions

Do not apply to dormant bermudagrass and dormant 1/2 inch height or taller bentgrass and Poa annua (turf that is not actively growing or has experienced frost). However, for dormant bermudagrass an application can be made if it is maintained at a high cut (1/2 inch or more) on medium-fine textured soils such as clays and clay-loams.

Where turf thinning or damage has occurred due to winter injury wait until greenup, fill-in and good rooting before making an application.

Do not apply to bentgrass or Poa annua after late summer.

Application to overseeded bermudagrass may injure and thin the cool season variety.

Other Precautions

Delay seeding by 4 months and sprigging by 5 months after application. Prior to planting, for best results, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

On newly seeded areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

Do not apply more than a cumulative total of 352 lbs. product/acre per year on cool season grasses and 528 lbs. product per year on warm season grasses.

Avoid applications to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

Where turf has been severely thinned due to winter damage, insects, disease, scalping, etc., an application should be withheld until filling-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

BACK CONTINUED:

Turfgrass Species	Weeds	Rates of Fertilizer Plus Turf Weed-grass Control	Comments
Warm Season Grasses	crabgrass	132-176 lbs./acre	Apply a repeat application of 110-132 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
Bermudagrass (non-winter overseeded)	foxtail	prior to weed germination.	
St. Augustinegrass	<u>Poa annua</u>		
Bahiagrass	barnyardgrass		
Zoysiagrass	fall panicum		
Centipedegrass	oxalis		
Tall fescue	prostrate spurge		
	purslane		
	knotweed		
	chickweed		
	goosegrass	132-176 lbs./acre	Apply a repeat application of 132-176 lbs./acre after 6-8 weeks.
	cudweed	prior to weed germination.	
	hop clover		
	evening-primrose		
	henbit		
Bermudagrass (non-winter overseeded)	crabgrass	132 lbs./acre	Apply a repeat application of 132 lbs./acre after 6-8 weeks if necessary.
	foxtail	prior to weed germination.	
	<u>Poa annua</u>		
	barnyardgrass		
	fall panicum		
	oxalis		
	purslane		
	prostrate spurge		
	knotweed		
	chickweed		
	goosegrass	132 lbs./acre	
	cudweed	prior to weed germination	
	hop clover	with a repeat application of	
	evening-primrose	132 lbs./acre after	
	henbit	6-8 weeks.	

BACK CONTINUED:

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.

Suggested Spreader Settings

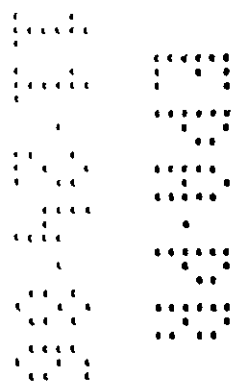
To provide proper distribution calibrate spreader before application. Do not adjust rates in order to meet fertilizer requirements of your soil.

66 lbs treats 22,000 ft² (1/2 acre) at 132 lbs product/acre
(Equivalent to 1.5 lb ai/acre and 0.9 lb N/1,000 sq ft)

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE (lbs of product per acre)		
			110 lbs	132 lbs	176 lbs
Scotts Drop Type	3 mph	overlap wheels	X	5	X
Gandy (30")	3 mph	overlap wheels	X	25	X
Scott Rotaries					
R-7*, R-7X*	3 mph	12 feet	X	G	
R-8, R-8A (cone 8)	3 mph	11 feet	X	K	X
Lely Models (see below)	4.5 mph	30 feet	X	4 1/2 III	X
Vicon	4.5 mph	30 feet	X	22	X

*Use discharge hole cover #13030. For the R-7X model use the adjustable pattern slide 1/4 closed.

Lely models WTR, WRF, HR and 1250. PTO at 450 rpm.
Vicon models - PTO 540 rpm.



1-9/18

BACK CONTINUED:

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties and Poa annua 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 OR POA ANNUA WHEN 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 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 O M Scott & Sons Company.

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

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p. 10/18

(S-1568) (PENDING EPA APPROVAL)
PROTURF FERTILIZER PLUS TURF
WEEDGRASS CONTROL 83816
10/10/86 JF 11/07/86 JF

FRONT:

(Scotts(R))
ProTurf(R)
BRAND

High Density
30-3-10
Fertilizer Plus
Turf Weedgrass
Control

- o preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge and Poa annua
- o provides controlled-release nitrogen feeding

Net Weight 66 lbs (29.93 kg)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION, causes eye irritation. Avoid contact with eyes, skin, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash after handling. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENT:

pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl
-2,6-dinitrobenzenamine* 1.15%

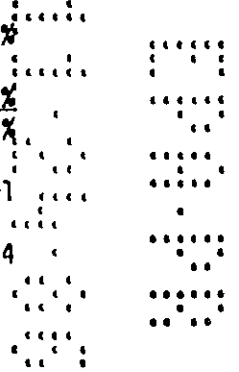
INERT INGREDIENTS: 98.85%
Total 100.00%

EPA Reg. No. 538-196

EPA Est 538-OH-1

Fertilizer Plus Turf Weedgrass Control 30-3-10

643-8544



P' 11/18

Guaranteed Analysis

Total nitrogen (N) 30%
 0.6% ammoniacal nitrogen
 22.9% urea, methylene ureas nitrogen
 6.5% water insoluble nitrogen
 Available phosphoric acid (P₂O₅) 3%
 Soluble potash (K₂O) 10%

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

Product of USA

U.S. Pat Nos 3,705,794; 3,989,470

*Licensed under one or more of the following

U.S. Patents: 3,920,742; 4,066,441

ProTurf Division, The O M Scott & Sons Company

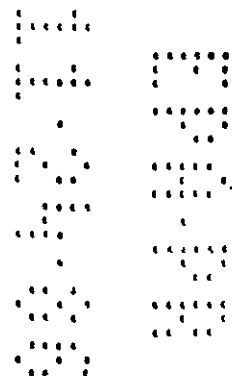
Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass Managers

83816

30-3-10
Fertilizer Plus
Turf Weedgrass
Control



P. 12/18

GUSSETS:

RIGHT GUSSET

83816

(Scotts(R))
ProTurf(R)
BRAND

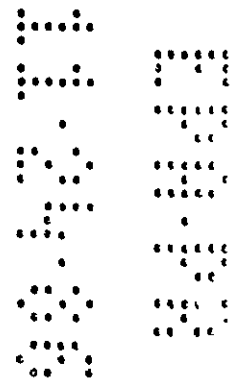
30-3-10
Fertilizer Plus
Turf Weedgrass
Control

LEFT GUSSET

Scotts(R)
ProTurf(R)
BRAND

30-3-10
Fertilizer Plus
Turf Weedgrass
Control

83816



p. 13/18

BACK:

30-3-10
Fertilizer Plus
Turf Weedgrass Control

(Scotts (R))
ProTurf (R)
BRAND

30-3-10
Fertilizer Plus
Turf Weedgrass Control

"

Directions for use

BEST AVAILABLE COPY

LEFT COLUMN

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

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, ~~bentgrass and Poa annua (except putting greens and tees)~~, bermudagrass (non-winter overseeded), St. Augustine, bahiagrass, zoysiagrass, centipedegrass and blends of these grasses. See "Bermudagrass, ~~Bentgrass and Poa Annua~~ Precautions."

~~Not for use on bentgrass and Poa annua putting greens and tees or on dichondra.~~

Prevents sprouting of the following grassy and dicot weeds and provides a controlled-release nitrogen feeding:

Grassy Weeds

Dicot Weeds

crabgrass
foxtail
goosegrass*
Poa annua
barnyardgrass
fall panicum

chickweed
oxalis
prostrate spurge*
~~knotweed~~
~~climber~~
~~hop clover~~
eveningprimrose
~~henbit~~
~~spurge~~

To prevent crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua,
climber, eveningprimrose, chickweed, oxalis, spurge, henbit and knotweed apply
product to dry foliage at the RECOMMENDED RATE RANGE in the spring or fall
before they sprout.

To prevent goosegrass and heavy infestations of spurge, repeat application at
the suggested rate after 6-8 weeks.

To prevent Poa annua, henbit and fall germinating chickweed, apply product to
dry foliage at the suggested rate in late summer-early fall before germination.
A repeat application after Poa annua treatment should not be made until the
following spring.

BACK CONTINUED:

Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (1/4-1/2 inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying subsequent to application. Allow at least a four month span between any two applications except when repeat treatments are necessary after 6-8 weeks.

Do not mow treated area until product has been watered in and turf foliage has dried.

Precautions

Do not use on bentgrass and Poa annua putting greens and tees, where it is the desired species or on dichondra.

Do not apply this product to cool season turfgrasses when temperatures are regularly in the 80's.

This product may cause discoloration and thinning where overapplications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature - below 40°F, scalping, or excessive soil moisture).

Bermudagrass, 1/2 inch Height or Taller, Bentgrass and Poa Annua Precautions

Do not apply to dormant bermudagrass and dormant 1/2 inch height or taller bentgrass and Poa annua (turf that is not actively growing or has experienced frost). However, for dormant bermudagrass an application can be made if it is maintained at a high cut (1/2 inch or more) on medium-fine textured soils such as clays and clay-loams.

Where turf thinning or damage has occurred due to winter injury wait until greenup, fill-in and good rooting before making an application.

Do not apply to bentgrass or Poa annua after late summer.

Application to overseeded bermudagrass may injure and thin the cool season variety.

Other Precautions

Delay seeding by 4 months and sprigging by 5 months after application. Prior to planting, for best results, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

On newly seeded areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

Do not apply more than a cumulative total of 352 lbs. product/acre per year on cool season grasses and 528 lbs. product per year on warm season grasses.

Avoid applications to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

Where turf has been severely thinned due to winter damage, insects, disease, scalping, etc., an application should be withheld until filling-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

BACK CONTINUED:

Turfgrass Species	Weeds	Rates of Fertilizer Plus Turf Weed- grass Control	Comments
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	132-154 lbs./acre as the initial application prior to weed germina- tion.	Apply a repeat application of 110-132 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	132-154 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 132 lbs./acre.	
Bentgrass and established <u>Poa annua</u> (1/2 inch height or taller. Not for use on greens and tees).	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed	132 lbs./acre in the spring prior to weed germination.	Apply a repeat application of 110-132 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	132 lbs./acre in the spring prior to weed germination with a repeat application of 132 lbs./acre after 6-8 weeks.	

BACK CONTINUED:

Turfgrass Species	Weeds	Rates of Fertilizer Plus Turf Weed-grass Control	Comments
Warm Season Grasses	crabgrass	132-176 lbs./acre	Apply a repeat application of 110-132 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
Bermudagrass (non-winter overseeded)	foxtail	prior to weed germination.	
St. Augustinegrass	<u>Poa annua</u>		
Bahiagrass	barnyardgrass		
Zoysiagrass	fall panicum		
Centipedegrass	oxalis		
Tall fescue	prostrate spurge		
	purslane		
	knotweed		
	chickweed		
	goosegrass	132-176 lbs./acre	Apply a repeat application of 132-176 lbs./acre after 6-8 weeks.
	cudweed	prior to weed germination.	
	hop clover		
	evening-primrose		
	henbit		
Bermudagrass greens (non-winter overseeded)	crabgrass	132 lbs./acre	Apply a repeat application of 132 lbs./acre after 6-8 weeks if necessary.
	foxtail	prior to weed germination.	
	<u>Poa annua</u>		
	barnyardgrass		
	fall panicum		
	oxalis		
	purslane		
	prostrate spurge		
	knotweed		
	chickweed		
	goosegrass	132 lbs./acre	
	cudweed	prior to weed germination	
	hop clover	with a repeat application of	
	evening-primrose	132 lbs./acre after	
	henbit	6-8 weeks.	

BACK CONTINUED:

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.

Suggested Spreader Settings

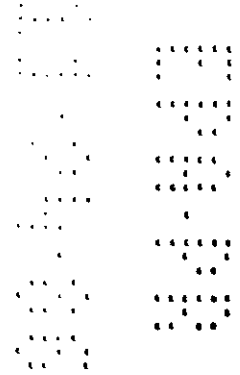
To provide proper distribution calibrate spreader before application. Do not adjust rates in order to meet fertilizer requirements of your soil.

66 lbs treats 22,000 ft² (1/2 acre) at 132 lbs product/acre / (Equivalent to 1.5 lb ai/acre and 0.9 lb N/1,000 sq ft)

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE / (lbs of product per acre)		
			110 lbs	132 lbs	176 lbs
Scotts Drop Type	3 mph	overlap wheels	X	5	X
Gandy (30")	3 mph	overlap wheels	X	25	X
Scott Rotaries					
R-7*, R-7X*	3 mph	12 feet	X	G	
R-8, R-8A (cone 8)	3 mph	11 feet	X	K	X
Lely Models (see below)	4.5 mph	30 feet	X	4 1/2 III	X
Vicon	4.5 mph	30 feet	X	22	X

*Use discharge hole cover #13030. For the R-7X model use the adjustable pattern slide 1/4 closed.

Lely models WTR, WRF, HR and 1250. PTO at 450 rpm.
Vicon models - PTO 540 rpm.



P. 16/18

BACK CONTINUED:

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties and Poa annua 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 OR POA ANNUA WHEN 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 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 O M Scott & Sons Company.

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

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