

FRONT:

Y1125 508 188

1/8

PT/PG SOUTHERN WEEDGRASS CONTROL #8667

ACCEPTED
 JUL 28 1994

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 538-188

11/10/86 JF	04/06/87 CR	11/04/86 JF
04/18/88 JF	02/23/87 JF	12/13/88 SC
03/04/87 JF	03/31/89 SM	11/13/89 SC
12/08/89 SC	02/14/92 JF	03/11/92 CR
		06/03/92 CR
		04/06/93 VS/cr
		06/14/93 VS/cr
		06/20/94 VS/cr
		07/11/94 VS/cr

(SCOTTS(R))
ProTurf(R)
BRAND

(SCOTTS(R))
ProGrow(R)
BRAND

Southern
Weedgrass
Control

- preemergent control of goosegrass, crabgrass, Poa annua and other annual grassy weeds in southern grasses
- preemergent control of broadleaf weeds

OR

- preemergent control of most annual grasses and certain broadleaf weeds as they germinate in container and field grown ornamentals

Net Weight 28.25 lbs (12.81 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. May be harmful if swallowed. Avoid inhalation.

Personal Protective Equipment

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear and dust/mist filtering respirator (MSHA/NIOSH, approval number prefix TC-21).

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.

Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

RIGHT COLUMN

ACTIVE INGREDIENT:

pendimethalin, N-(1-Ethylpropyl)-3,4 dimethyl-2,6
dinitrobenzenamine* 2.68%

INERT INGREDIENTS: 97.32%
Total 100.00%

EPA Reg. No. 538-188

EPA Est. No. 538-OH-1(S)
8378-IN-1(K)

Product of U.S.A.

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

Distributed by;
ProTurf/ProGrow Division
The O M Scott & Sons Company
14111 Scottslawn Road
Marysville, Ohio 43041

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Recommended For Use By Professional Turfgrass or Nursery Mana

OR

Recommended For Use By Commercial Nursery Managers

8667

Southern
Weedgrass
Control

GUSSETS:

2/14

RIGHT GUSSETS

(Scotts(R))
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BRAND

8667

(Scotts(R))
ProTurf(R)
BRAND

Southern
Weedgrass
Control

LEFT GUSSETS

(Scotts(R))
ProTurf
BRAND

Southern
Weedgrass
Control

8667
(Printing Calendar)

(Scotts(R))
ProGrow(R)
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Southern
Weedgrass
Control

83204

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Southern
Weedgrass
Control

(SCOTTS(R))
ProGrow(R)
BRAND

Directions for use

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

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers 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.

Personal protective equipment 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, waterproof gloves, shoes plus socks, protective eyewear.

Controls these grassy weeds as they sprout:

barnyardgrass
crabgrass
crowfootgrass
goosegrass
fall panicum
foxtail

itchweed
johnsongrass
(from seed)
junglerice
lovegrass
Poa annua

sandbur, field
signalgrass
sprangletop
witchgrass
woolly cupgrass

Controls these broadleaf (dicot) weeds as they sprout:

carpetweed	hop clover	prostrate spurge
chickweed	knotweed	puncturevine
cudweed	kochia	purslane
eveningprimrose	lambquarters	pusley, Florida
fiddleneck	oxalis	rocket, London
filaree	pearlwort	shepherdspurse
henbit	pigweed	smartweed
		velvetleaf

TURF

For use on established bermudagrass, St. Augustinegrass, centipedegrass, zoysiagrass, bahiagrass, and tall fescue.

For goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua, cudweed, hop clover, oxalis, eveningprimrose, chickweed, purslane, knotweed, henbit and prostrate spurge, apply in the spring or fall before they sprout.

OR

For annual grass and dicot weeds, apply before they sprout or after established weeds are removed.

For best results, water after application (1/4 to 1/2 inch) to remove granules from the foliage and to move the product to the soil surface. Do not destroy the chemical barrier after application by raking or aerifying.

Do not contaminate feed or foodstuffs. Keep children and pets off treated areas until material is washed into soil and foliage has dried.

To prevent Poa annua, henbit, and fall germinating chickweed, apply product at the suggested rate in late summer-early fall before germination. Repeat treatment yearly for continued control but not sooner than the following spring.

On newly seeded or sodded turfgrass areas, wait until after the fourth mowing before application. For established turfgrass areas where reseeding is necessary, delay the product application until after seeding and after the new grass seedlings have been mowed 4 times. This may be up to 3 months from the date of seeding.

On newly sprigged areas, wait 5 months before application.

Bermudagrass Precautions

When applied to dormant bermudagrass, greenup may be delayed 2 to 3 weeks in the spring. The delay in greenup may be more extensive on low-cut bermudagrass and on sandy soils.

Application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Application of this product to bermudagrass greens that are overseeded with cool season turfgrass species may inhibit the transition of bermudagrass especially when the green is verticut, aerified, etc. These practices in conjunction with an application of this product may remove the overseeding faster than the bermudagrass can fill in, resulting in thin greens.

Other Precautions - Turf

Where tall fescue is grown as a mixture with cool season grasses, this product should be used only if tall fescue is the desired turf species.

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

This product should not be used on winter overseedings unless enhanced reduction of the cool season grass species is desired.

OPTIONAL STATEMENT: (not for use on dichondra) OR (not for use on cool season grasses or dichondra).

This product cannot be used on newly seeded or sprigged turfgrass areas or where turfgrass has been severely thinned due to winter damage, insects, disease, scalping, etc. Wait until fill-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

For established turfgrass areas where reseeding is necessary, delay product application until after new grass seedlings have been mowed 4 times.

Residual effectiveness requires a delay of four growing months after treatment before reseeding or winter overseeding and five growing months before sprigging.

Product does not control germinated or established weeds.

Allow at least a four month span between any two applications except when a repeat treatment is necessary after 6-8 weeks. Do not apply more than 226 lbs. of product/acre per year.

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, excessive soil moisture, scalping, etc.).

If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5-10 MPH) due to its staining potential.

APPLICATION RATE:

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass Tall Fescue	crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed	76-114 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre after 6-8 weeks if necessary.
	goosegrass	76-114 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre to extend control of goosegrass or if the lower rate was used initially.
	cudweed hop clover evening- primrose henbit	114 lbs./acre prior to weed germination.	
Bermudagrass Greens	crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed	76 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre after 6-8 weeks if necessary.
	goosegrass cudweed hop clover evening- primrose henbit	76 lbs./acre prior to weed germination with a repeat application of 57 lbs./acre after 6-8 weeks.	

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Cool Season Grasses: Kentucky Bluegrass Perennial Ryegrass Fine Fescue Tall Fescue	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <u>Poa annua</u> prostrate spurge purslane	57-76 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 57 lbs./acre after 6-8 weeks for acceptable control at the lower rate.
	goosegrass	57-76 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 57 lbs./acre.	
Bentgrass and Established <u>Poa annua</u> (Fairway cut. Not for use on greens or tees)	barnyardgrass chickweed crabgrass fall panicum foxtail knotweed oxalis <u>Poa annua</u> prostrate spurge purslane	57 lbs./acre in the spring prior to weed germination.	A repeat application of 57 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	57 lbs./acre in the spring prior to weed germination with a repeat application of 57 lbs./acre after 6-8 weeks.	

ORNAMENTALS

For use on these container and field grown ornamentals

Abelia	Correa	Malus	Pseudosuga
Acer	Cortaderia	Miscanthus	Pyracantha
Achilles	Cotoneaster	Moraea	Pyrus
Acorus	Euonymus	Myrtus	Quercus
Agapanthus	Forsythia	Myrica	Raphiolepis
Ajuga	Franklinia	Nandina	Rhododendron
Aloysia	Fraxinus	Nerium	Solanum
Arbutus	Gardenia	Ophiopogon	Stokesia
Arundo	Hedera	Oxydendron	Syringa
Asparagus Fern	Hemerocallis	Pachysandra	Spirea
Berberis	Hosta	Penstemon	Taxus
Butia	Ilex	Photinia	Tilia
Buxus	Juniperus	Picea	Trachycarpus
Callistemon	Kalmia	Pieris	Tsuga
Carissa	Lagerstroemia	Pinus	Washingtonia
Ceanothus	Ligustrum	Pittosporum	Wisteria
Chamaerops	Liriope	Platanus	Yucca
Convolvulus	Lobelia	Potentilla	
Cordyline	Magnolia	Prunus	

GROUND COVERS

Aptenia	Fragaria	Myoporum	Verbena
Arctotheca	Gazania	Osteospermum	Vinca
Baccharis	Helix	Pelargonium	
Carpobrotus	Hypericum	Rosemarnus	

PERENNIALS

Aster	Asclepias	Lythrum
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ORNAMENTAL GRASSES

Abies	Cornus	Fraxinus	Prunus
Ammophila	Cryptomeria	Gleditsia	Thuja
Betula	Deschampsia	Pennisetum	
Chamaecyparis	Festuca	Phalaris	

	Weeds	Rates of Southern Weedgrass Control	Comments
Southern Weedgrass Control alone	barnyardgrass	76-114 lbs./acre prior to weed germination for 3-5 months control.	Apply a repeat application of 76 lbs./acre after 3-5 months to extend control or for weeds that germinate in the fall.
	crabgrass		
	crowfootgrass		
	carpetgrass		
	chickweed		
	cudweed		
	eveningprimrose		
	fall panicum		
	foxtail		
	fiddleneck		
	filaree		
	goosegrass		
	henbit		
	itchgrass		
	johnsongrass (from seed)		
	junglerice		
	lovegrass		
	<u>Poa annua</u>		
	hop clover		
	knotweed		
	kochia		
	lambsquarters		
	oxalis		
	pearlwort		
	pigweed		
	sandbur, field		
	signalgrass		
	sprangletop		
	witchgrass		
	woolly cupgrass		
	prostrate spurge		
	puncturevine		
purslane			
pusley, Florida			
rocket, London			
shepherdspurse			
smartweed			
velvetleaf			
	cudweed	114 lbs./acre	
	hop clover	prior to weed	
	evening-	germination.	
	primrose		
	henbit		

OH-II Plus Southern
Weedgrass Control

Southern Weedgrass Control can be used to control weeds while plants are producing a new flush of spring growth, or to extend annual weed control after an application of OH-II.

Allow at least 6-8 weeks between an application of OH-II or Southern Weedgrass Control.

For goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, Poa annua, cudweed, hop clover, oxalis, eveningprimrose, chickweed, purslane, knotweed, henbit, prostrate spurge and pearlwort, apply in the spring or fall before they sprout or after established weeds are removed.

Apply this product to dry foliage only. Apply either prior to weed seed germination or following complete weed removal.

Water immediately (1/2 to 1 inch) to remove granules from plant foliage and activate the herbicide.

For container grown ornamentals delay first application of this product to bare-root liners 2-4 weeks.

Remove established weeds from potted liners prior to transplanting into containers. After planting irrigate with approximately 1/2 inch of water to firm potting media around root system. After two regular waterings and foliage has dried, broadcast product evenly over container growing area. Water in with 1/2 to 1 inch.

First application to field grown ornamentals can be made following planting or prior to weed seed germination. Soil should be broken by light cultivation and be free of all established weeds.

PRECAUTIONS ORNAMENTALS

Does not control mature established weeds.

Do not apply to moist foliage.

Following applications, do not disturb the soil surface as the herbicide barrier will be broken.

Do not incorporate product into soil or potting media nor apply product directly to bare roots of woody ornamentals.

Do not use in wind conditions that affect distribution of the product.

Not for use on vegetables. Do not use on fruit trees that will bear fruit within one year of application.

Users who wish to use Southern Weedgrass Control on ornamental species or nonbearing fruit trees not listed on this label may determine suitability for such uses by making trial application of this product at a recommended rate to a small number of plants. Prior to using this product on a large number of plants, the trial treatment should be observed for signs of herbicidal injury for 3 to 6 months to determine if the treatment is safe to the target plant species.

Non-bearing fruit trees such as citrus (oranges, grapefruit, etc.), pome fruits (apples, pears, etc.) and stone fruit (cherries, peaches, etc.) are plants which will not bear fruit for at least one year following application.

The user assumes responsibility for any crop damage or other liability from the use of this product on ornamental plant species not recommended on this label.

Storage and disposal

Do not contaminate water, food or feed by storage or 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/ProGrow Division
The O M Scott & Sons Company
Marysville, Ohio 43041

Suggested Spreader Settings for Turf

To provide proper distribution calibrate spreader before application.

28.25 lbs. treats 11,000 sq. ft. (1/4 acre) at 114 lbs. product/acre rate

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>RECOMMENDED RATE RANGE (lbs. of product/acre)</u>		
			<u>57 lbs. product/A</u>	<u>76 lbs. product/A</u>	<u>114 lbs. product/A</u>
Scotts Drop	3 mph	overlap wheels			
Gandy (30")	3 mph	overlap wheels			
Scott Rotaries (R-7, R-7X)	3 mph	8 ft.			
R-8A, R-8 (cone 9)	3 mph	9 ft.			
Lely Models (see below)	4.5 mph	18 ft.			
Vicon	4.5 mph	18 ft.			

Lely models: WTR, WFR, HR, and 1250. PTO at 450 rpm.

Ornamentals

Apply with a spreader calibrated to deliver 1.7 - 2.6 lbs./1,000 sq. ft.

Rate settings must be determined by applicator depending on spreader device used.

To deliver proper rate (1.7 - 2.6 lbs./1,000 sq. ft.) calibrate spreader prior to application of the product.

<u>SPREADER</u>	<u>SETTING</u>
Rotary Spreader	Calibrate to deliver 28.25 lbs (1 bag) per 11,000 sq. ft. or 2.6 lbs./1,000 sq. ft. At the 1.7 lbs./1,000 sq. ft. rate, one bag covers 16,190 sq. ft.

IMPORTANT NOTICE: 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 judgement and caution when using the product on a given variety until familiar with the results under his growing conditions.

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESSED OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND ESTABLISHED SAFE PRACTICE. 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.

Professional Division
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