

FRONT: 12/7/88

PROTUM SOUTHERN WEED  
 GRA S CONTROL #83204  
 10/10/86 JF 04/06/87 CR  
 11/04/86 JF 04/18/88 JF  
 2/23/87 JF 12/13/88 SC  
 3/04/87 JF 03/31/89 SM  
 11/13/89 SC 12/08/89 SC

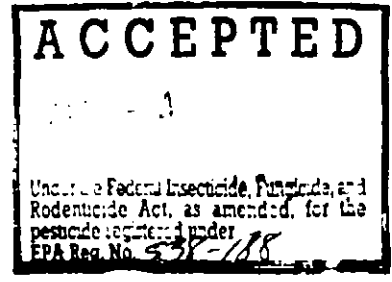
(SCOTTS(R))  
 ProTurf(R)  
 BRAND

(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

Net Weight 28 1/4 lbs (12.81 kg)



LEFT COLUMN

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.

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.

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 538-OH-1

Product of USA

\*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 or Nursery Managers

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83204

Southern  
Weedgrass  
Control

GUSSETS:

RIGHT GUSSET

(Scotts(R))  
ProGrow  
BRAND

83204

(Scotts(R))  
ProTurf(R)  
BRAND

Southern  
Weedgrass  
Control

LEFT GUSSET

Scotts(R)  
ProTurf(R)  
BRAND

Southern  
Weedgrass  
Control

83204  
(Printing Calendar)

(Scotts (R))  
ProGrow(R)  
BRAND

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BACK:

83204

Southern  
Weedgrass  
Control

(SCOTTS(R))  
ProTurf(R)  
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(SCOTTS(R))  
ProGrow(R)  
BRAND

Directions for use

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LEFT COLUMN

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

Controls these grassy weeds as they sprout:

goosegrass  
crabgrass  
foxtail

Poa annua  
barnyardgrass  
fall panicum

Controls these broadleaf (dicot) weeds as they sprout:

chickweed  
cudweed  
hop clover  
henbit  
oxalis

evening-  
primrose  
prostrate spurge  
purslane  
knotweed  
pearlwort

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.

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.

BACK CONTINUED:

### Bermudagrass Precautions

On bermudagrass greens, 76 lbs./A of product are recommended initially with a repeat application of 76 lbs./A product at 6-8 weeks as required.

For dormant bermudagrass, (turf that is not actively growing or has experienced frost) 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 clay and clay-loams.

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.

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

### 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 greenup, 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.

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. product/acre each 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.

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Harm Season Grasses Bermudagrass St. Augustine Bahagrass Zoysiagrass Centipedegrass Tall fescue	crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed	76-113 lbs./acre prior to weed germination.	Apply a repeat application of 76 lbs./acre after 6-8 weeks if necessary.
	goosegrass	76-113 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	113 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 76 lbs./acre after 6-8 weeks.	

## Ornamentals

798

For use on these container and field grown ornamentals

Acer	Fraxinus	Pinus
Achillea	Hedera	Pittosporum
Acorus	Hemerocallis	Platanus
Agapanthus	Hosta	Potentilla
Ajuga	Ilex	Pseudotsuga
Aloysia	Juniperus	Pyrus
Arbutus	Lagerstroemia	Quercus
Arundo	Ligustrum	Rhododendron
Asparagus	Liriope	Solanum
Butia	Lobelia	Stokesia
Ceanothus	Magnolia	Syringa
Chamaerops	Malus	Spirea
Convolvulus	Miscanthus	Tilia
Cordylone	Moraea	Trachycarpus
Correa	Ophiopogon	Tsuga
Cortaderia	Pachysandra	Washingtonia
Euonymus	Penstemon	Wisteria
Forsythia	Phoenix	Yucca
Franklinia	Photinia	

## Ornamentals

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 at the time of 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.

Not for use on vegetables or edible fruit bearing plants.

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

It is recommended that safety glasses be worn while applying. Under prolonged use a dust filter and mask should also be worn.

	Weeds	Rates of Southern Weedgrass Control	Comments		
Southern Weedgrass Control alone	goosegrass	76-113 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				
	foxtail				
	barnyardgrass				
	fall panicum				
	<u>Poa annua</u>				
	prostrate spurge				
	purslane				
	knotweed				
	chickweed				
	pearlwort				
	oxalis				
				cudweed	113 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.