

Reg # 538-193
FRONT:

PM-25

TURF WEEDGRASS CONTROL 8637
10/09/89 SY 10/23/89 SC
11/13/89 SC 12/04/89 SC
12/08/89 SC 03/29/90 SC
08/10/90 SC

12

(Scotts(R))
ProTurf(R)
BRAND

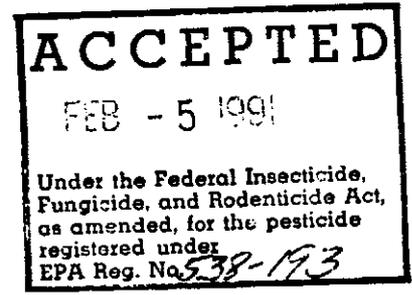
Turf
Weedgrass
Control

- . preemergent control of crabgrass, goosegrass, Poa annua, and other grassy weeds
- . control of 9 sprouting broadleaf weeds

Net Weight 44.25 lbs (20.07 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. 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 when disposing of equipment washwaters. In case of spills, either collect for use or dispose of properly.

ACTIVE INGREDIENT:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine*	1.71%
INERT INGREDIENTS:	98.29%
	Total 100.00%

EPA Reg No 538-193
Product of USA

EPA Est 538-OH-1 (S)
EPA Est 8378-IN-1 (K)
Subscript used is first letter of rui.
code on end of package

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

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Recommended For Use By Professional Turfgrass Managers

8637

Turf
Weedgrass
Control

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RIGHT GUSSET

8637

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Turf
Weedgrass
Control

LEFT GUSSET

Scotts(p)
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Turf
Weedgrass
Control

8637

BACK:

Turf
Weedgrass
Control

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Turf
Weedgrass
Control

Directions for use

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

eveningprimrose
prostrate spurge
purslane
knotweed

)
)
For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, bentgrass and Poa annua (except putting greens and tees), tall fescue, bermudagrass, St Augustinegrass, centipedegrass, bahiagrass, zoysiagrass, and blends of these grasses. NOT for use on dichondra.

Poa annua control

Applied in mid-August to mid-October before germination, this product prevents the emergence of Poa annua seedlings. Do not make a repeat application until the following spring.

Applied in the Fall this product also controls annual dicot weeds germinating during this time of year, such as henbit and chickweed.

Turfgrass Species	Weeds	Rates of Turf Weedgrass 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	88-118 lbs./acre as the initial application prior to weed germina- tion.	Apply a repeat application of 59-88 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	88-118 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 88 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 chickweed	88 lbs./acre in the spring prior to weed germination.	Apply a repeat application of 59-88 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	88 lbs./acre in the spring prior to weed germination with a repeat application of 88 lbs./acre after 6-8 weeks.	

Turfgrass Species	Weeds	Rates of Turf Weedgrass Control	Comments
Warm Season Grasses Bermudagrass St. Augustinegrass Bahiagrass Zoysiagrass Centipedegrass Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	88-177 lbs./acre prior to weed germination.	Apply a repeat application of 59-88 lbs./acre after 6-8 weeks if necessary.
	goosegrass	88-177 lbs./acre prior to weed germination.	Apply a repeat application of 88-118 lbs./acre to extend control of goosegrass or if the lower rate was used initially.
	cudweed hop clover evening- primrose henbit	177 lbs./acre prior to weed germination.	
Bermudagrass greens	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis purslane prostrate spurge knotweed chickweed	88 lbs./acre prior to weed germination.	Apply a repeat application of 88 lbs./acre after 6-8 weeks if necessary.
	goosegrass cudweed hop clover evening- primrose henbit	88-118 lbs./acre prior to weed germination with a repeat application of 88 lbs./acre after 6-8 weeks.	

How to use

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 surface of the soil. Do not mow treated area until product has been watered in and turf foliage has dried. Do not destroy the chemical barrier created at the soil surface by raking or aerifying subsequent to application.

Precautions for Bermudagrass and 1/2 inch Height or Taller Bentgrass and Poa annua

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

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

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

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

Other Precautions:

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

On turf that has been severely thinned due to winter damage, excessive soil moisture, low temperature-below 40°F., scalping, insects, disease, etc., wait until turf has filled in and rooting of stolons/rhizomes is complete and desired turf density is achieved before applying.

Delay seeding by 4 months and sprigging by 5 months after application.

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in.

Do not apply more than a cumulative total of 236 lbs. product/acre per year on cool season grasses and 354 lbs. product/acre per year on warm season grasses.

Do not apply to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water. 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.

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 your spreader before application.

44.25 lbs treats 22,000 ft² (1/2 acre) at 88 lbs product/acre
 (88 lbs of product per acre is equivalent to 1.5 lb ai/acre)
 44.25 lbs treats 11,000 ft² (1/4 acre) at 177 lbs product/acre

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE (lbs of product per acre)			
			59 lbs	88 lbs	118 lbs	177 lbs
Scotts Drop Type Gandy (30")	3 mph	overlap wheels	3	3 3/4	4 1/2	5 1/4
Scott Rotaries R-7*, R-7X*	3 mph	overlap wheels	16	18	20	24
PT-10*, PT-11*	3 mph	9 feet	C	D 1/2	E 1/2	G 1/2
R-8, R-8A (cone 9)	3 mph	9 feet	I	I 1/2	J 1/2	L
Lely Models (see below)	4.5 mph	20 feet	3 III	3 1/2 III	3 3/4 III	4 1/2 III
Vicon	4.5 mph	18 feet	13	16	19	23

*Use discharge hole cover #13030 (already attached to the PT-10 and PT-11 models). For the R-7X model use the adjustable pattern slide 1/4 closed.

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

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.

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

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