


538-188

12/19/2006

1114

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460		EPA Reg. Number: 538-188	Date of Issuance: DEC 19 2005
	NOTICE OF PESTICIDE: _____ Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)		Term of Issuance: Unconditional	Name of Pesticide Product: Southern Weedgrass Control
Name and Address of Registrant (include ZIP Code): The Scotts Company 14111 Scottslawn Road Marysville, OH 43041				
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.				
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Document(s), EPA has reregistered the product listed above. The label is acceptable provided the following revision is made:</p> <ol style="list-style-type: none"> <u>AGRICULTURAL USE REQUIREMENTS:</u> (Page 4) In this box, "Personal protective equipment required for.....or water, is: coveralls, chemical resistant gloves made of any waterproof material,eyewear. Delete "For early entry to treated areas.....must also be worn." <u>Spreader Settings</u> (Page 7) Change 1.7-2.6 lbs/1,000 sq.ft. to 1.7-2.6 lbs/1,000 sq.ft. <u>APPLICATION RATE:</u> (Page 10) Reduce All Application Rates to 75 lbs/acre. 				
Signature of Approving Official: James Tompkins Product Manager 25 Herbicide Branch Registration Division (7505P)			Date: 12-19-06	

Enclosed is a copy of your label stamped "Accepted" with comment. This action is taken under the authority of section 4 (g) (2) (c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

Reregistration under this section does not eliminated the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC 19 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

538-188

MASTER LABEL

Southern Weedgrass Control

EPA Reg. No. 538-188

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

OR

- preemergent control of goosegrass, crabgrass, *Poa annua* and other annual grassy weeds in Turfgrass and Landscape Ornamentals

OR

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

- preemergent control of broadleaf weeds

Net Weight 28 ¼ lbs. (12.81 kg)

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and chemical resistant gloves (made of any waterproof material).

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call A poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling poison control center or doctor, or going for treatment.

Personal Protective Equipment

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

Applicators must wear chemical resistant gloves such as butyl rubber > 14 mils and natural rubber > 14 mils.

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.

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Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240)(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:
Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

ACTIVE INGREDIENT:

Pendimethalin 2.68%

OTHER INGREDIENTS: 97.32%

Total 100.00%

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

Subscript uses is the first letter of run code on end of container.

Product of USA

Distributed by:

The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

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Recommended for Use by Professional Turfgrass or Nursery Managers

OR

Recommended for Use by Commercial Nursery Managers

OR

Recommended for Use by Professional Nursery and Landscape Managers

GUSSETS:

Scotts® 8667
ProGrow
BRAND

Scotts®
ProTurf®
BRAND

Southern
Weedgrass
Control

BACK:

Scotts®

Southern

Scotts®

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ProTurf
BRAND
[Optional back panel claims]

Weedgrass
Control

ProGrow®
BRAND

Controls these grassy weeds as they sprout:

barnyardgrass	itchweed	sandbur, field
crabgrass	johnsongrass	signalgrass
crowfootgrass	(from seed)	sprangletop
goosegrass	junglerice	witchgrass
fall panicum	lovegrass	woolly cupgrass
foxtail	<i>Poa annua</i>	

Controls these broadleaf (dicot) weeds as they sprout:

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

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[Note to PM: Directions for use for Ornamental]

Directions for use

ORNAMENTAL

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

For use on container and field grown ornamentals.

Application Restrictions

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.

<p><u>AGRICULTURAL USE REQUIREMENTS</u></p> <p>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.</p> <p>Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.</p> <p>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: overalls, waterproof gloves, shoes plus socks, protective eyewear.</p> <p>For early entry to treated areas that is permitted under the Worker Protection Standard and the involves contact with anything that has been treated, such as plants, soil, or water, wear long coveralls socks and footwear. Chemical resistant gloves made out of waterproof material must also be worn.</p>
<p><u>Non-Agricultural Use Requirements</u></p> <p>The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.</p> <p>Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled.</p>

For use on these container and field grown ornamentals

OR

For use around and over the top of all established landscape ornamentals listed below

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OR

For use around and over the top of all established landscape, field grown, and container ornamentals listed below.

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

Ammophila	Festuca	Phalaris
Deschampsia	Pennisetum	

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	Weeds	Rates of Southern Weedgrass Control	Comments	
Southern Weedgrass Control alone	barnyardgrass crabgrass crowfootgrass carpetgrass chickweed cudweed eveningprimrose fall panicum fiddleneck filaree foxtail goosegrass henbit hop clover itchgrass johnsongrass (from seed) junglerice knotweed kochia	lambquarters lovegrass oxalis pearlwort pigweed <i>Poa annua</i> prostrate spurge puncturevine purslane pusley, Florida rocket, London sandbur, field shepherdspurge signalgrass smartweed sprangletop velvetleaf witchgrass woolly cupgrass	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
	cudweed hop clover eveningprimrose henbit		114 lbs./acre prior to weed germination	

OH-11 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-11.

Allow at least 6-8 weeks between an application of OH-11 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 up by light cultivation and be free of all established weeds.

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PRECAUTIONS ORNAMENTALS

Does not control mature established weeds.

Do not apply to moist foliage.

Do not apply product in enclosed greenhouse or polyhouse structures as ornamental injury may result.

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 root 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 special 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.

Spreader Settings

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.

SPREADER

SETTING

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.

[Note to PM: Directions for use for Turf]

Directions for use

TURF

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

Application Restrictions

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.

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Do not apply more than 75 lb of product/acre (2.0 lb ai/acre) to residential lawns, recreational areas (turf) and sod farms.

For use in residential lawns, recreational areas, sod farms, commercial areas and golf courses.

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 area, 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.

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This product should not be used on winter overseedings unless enhanced reduction of the cool season grass specials 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 a cumulative total of 113 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 226 lbs. of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 339 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

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.

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APPLICATION RATE

Turfgrass Species	Weeds	Rates of Southern Weedgrass Control	Comments
Warm Season Grasses Bermudagrass St. Augustinegrass Bahigrass Zoysiagrass Centipedegrass Tall Fescue	crabgrass foxtail barnyardgrass fall panicum <i>Poa annua</i> 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 eveningprimrose henbit	114 lbs./acre prior to weed germination	
Bermudagrass Greens	crabgrass foxtail barnyardgrass fall panicum <i>Poa annua</i> 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 eveningprimrose henbit	76 lbs./acre prior to weed germination with a repeat application of 57 lbs./acre after 6-8 weeks	
Cool Season Grasses Kentucky bluegrass Perennial Ryegrass Fine Fescue Tall Fescue	crabgrass foxtail barnyardgrass fall panicum <i>Poa annua</i> prostrate spurge purslane knotweed chickweed oxalis	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	

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Bentgrass and Established <i>Poa annua</i> (Fairway cut. Not for use on greens or tees)	crabgrass foxtail barnyardgrass fall panicum <i>Poa annua</i> prostrate spurge purslane knotweed chickweed oxalis	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	

Suggested Spreader Settings for Turf

To provide proper distribution calibrate spreader before application.

Spreader	Ground or PTO Speed	Width of Coverage	RECOMMENDED RATE RANGE (lbs. of product/acre)	
			57 lbs. product/A	75 lbs. product/A
Scotts Drop	3 mph	overlap wheels		
Gandy (30")	3 mph	overlap wheels		
Scotts Rotary R-7, R-7X	3 mph	8 ft.		
Scotts Rotary 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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE 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.

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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. To the extent allowed by the exclusive remedy of the user or Buyer, and the limit of liability of The Scotts Company, or its affiliates, 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 Scotts Company.

Professional Division
The Scotts Company
Marysville, Ohio 43041