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OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Claudia S. Herrington, Esq. Director, Federal Registrations The Scotts Company 14111 Scottslawn Road Marysville, OH 43041

JUL 3 0 2009

 SUBJECT: Application for Pesticide Notification – Response to the EPA's Notice of Pesticide Registration Dated February 25, 2009 Turf Fertilizer Plus Preemergent Weed Control 0.68% EPA Reg. No. 538-309 Application Dated May 26, 2009

Dear Ms. Herrington:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested do not clearly fall within the scope of this PRN and will require additional administrative review of the related files. A summary of our findings include:

• Changes made in response to a Notice of Pesticide Registration must be reviewed as an amendment by the issuing Herbicide Branch within RD. The Notification application package for the above product will be given to Jim Tompkins (PM 25) in the Herbicide Branch of the RD to handle as an amendment.

Please be advised that PRNs are provided as guidance; they are not considered regulation by the Agency. Therefore, the RD reserves the right to make the above determination and concludes that this action is denied as a Notification under PRN 98-10 and will be given to Jim Tompkins (PM 25) as an amendment. Our records have been updated accordingly.

If you have any questions, please contact me directly at 703-305-6249, or Terri Stowe of my staff at 703-305-6117, or Jim Tompkins (PM 25) at 703-305-5697

Sincerely,

Linda Arrington Notifications & Minor Formulations Team Leader Registration Division (7505P) Office of Pesticide Programs

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EPA EPA	Uni Environmental	ted States	on Agenc		om Approv	Regis	tration dment	Approval expires 05-31-98 OPP Identifier Number 538309LBL20090526
		Applicat	ion for P	esticide -	Section	<u> </u>		
1. Company/Product Nun 538-309			· · · · · · · · · · · · · · · · · · ·	2. EPA Proc Jim To	luct Manag	er	3. Pi	roposed Classification
4. Company/Pro The Scotts Company Contro		Preemerge	nt Weed	PM#NoneRestr			None Restricted	
<ol> <li>Name and Address of Applicant (Include ZIP Code)</li> <li>The Scotts Company</li> <li>14111 Scottslawn Road</li> <li>Marysville, OH 43041</li> </ol>			6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(l), my product is similar or identical in composition and labeling to EPA Reg. No. Product Name JUL 3 0 2009					
Check if	f this is a new address		Sect	tion II				
Notification - Explain Explanation: Use addition	ponse to Agency letter da below.	(For section I	and Section	Me To Other -	o" Applicati Explain bel	<b>ow</b> .		
	**		Sect	ion Ill				
1. Material This Product V Child-Resistant Packaging Yes* No *Certification must be submitted		No. per . Container	[	Soluble Packa Yes No ge wgt.	aging No. per Containe		pe of Contain Metal Plastic Glass Paper	
3. Location of Net Conten	ts Information Container	4. Size(s) I	Retail Contai	ner	]	On La		
6. Manner in Which Labe	is Affixed to Product	Lithogi Paper	glued	Other				
			Sect	ion IV				
1. Contact Point (Comple	te items directly below for	identification	of individual	to be contacte	ed, if neces	sary, to proce	ss this applic	ation.)
Name Title Claudia S. Herrington Dire				or, Federal	Registrat	ions		No. (Include Area Code) (937) 578-5973
acknowledge that any under applicable law.	ments I have made on thi y knowingly false or misle		I attachment			te and comple	Sth ° °	6? Date Application • Received • (Stamped)
2. Signature The Scotts BY:	Company LLC S.F.F.F.F.F.F.F.F.F.F.F.F.F.F.F.F.F.F.F		3. Title	Director, F	ederal Re	egistrations		
4. Typed Name Claud	ia S. Herrington		5. Date	N	1ay 26, 200	9	ι υ ουιι	ς ςυυς

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### The Scotts Company LLC

and Subsidiaries

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May 26, 2009

# SENT VIA FEDEXJim Tompkins, PM 25Document Processing Desk (NOTIF)Office of Pesticide Programs (7504P)U.S. Environmental Protection AgencyRoom S-4900, One Potomac Yard2777 South Crystal DriveArlington, VA 22202

#### Subject: Turf Fertilizer Plus Preemergent Weed Control 0.68% (EPA Reg. No. 538-309) OPP Identifier Number 538309LBL20090526

Dear Mr. Tompkins:

In response to the EPA's Notice of Pesticide Registration dated February 25, 2009 for Turf Fertilizer Plus Preemergent Weed Control 0.68% (EPA Reg. No. 538-309), Scotts is submitting an updated master label that incorporates the Agency's comments because final printed labels will not be available until later this year. In addition to the Agency's corrections, Scotts has removed evening primrose from the list of weeds controlled and *Poa annua* from the tolerant turfgrasses. These changes fall with PR Notice 98-10.

Enclosed please find the following documentation in support of this submission:

- EPA Application Form 8570-1
- One copy of the updated label with highlights
- One copy of the updated label without highlights

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

14111 Scotts lawn Road Marys ville, Ohio 43041 Direct line: 937-578-5973 Facsimile: 937-644-7075 Email: Claudia.Herrington@Scotts.com

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Jim Tompkins May 26, 2009 Page 2

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If you have any questions regarding this submission, please do not hesitate to contact me at 937-578-5973 or via email at <u>Claudia.Herrington@Scotts.com</u>.

Regards,

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Claudia S. Herrington, Esq. Director, Federal Registrations

Enclosures



14111 Scotts lawn Road Marys ville, Obio 43041 Direct line: 937-578-5973 Facsimile: 937-644-7075 Email: Claudia.Herrington@Scotts.com Bold, italicized text is information for the reader and is not part of the label. [Bracketed information is optional text]. Text separated by / denotes and/or options. Underline text is new. Strike through text is being delated.



## Turf Fertilizer Plus Preemergent Weed Control 0.68%

ACTIVE INGREDIENT:	
Pendimethalin†	 0.68%
OTHER INGREDIENTS	
	100.000%

This product applies 50.0 lbs. and treats 10,890 ft<sup>2</sup> (1/4 acre) at the 220 lb-s 50.0 lbs. treat 10,729 ft<sup>2</sup>( $\frac{1}{4}$  acre) at the 203 lbs product/acre rate (equivalent to 1.538 lbs active ingredient/acre and). X lbs N/1,000 sq ft).

†CAS #40487-42-1

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NOTE:

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EPA Registration Number 538-309

EPA Establishment Number 538-OH-1

NET WEIGHT 50 LBS

<u>KEEP OUT OF REACH OF CHILDREN</u> <u>CAUTION</u> See back for additional precautionary statements.

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#### 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.

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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 on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

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

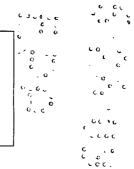
#### ENVIRONMENTAL HAZARDS

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 by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

#### User-Safety Recommendations: Users should:

Wash hands before eating, drinking, chewing gum, using tobacce or using the toilet.

- Remove clothing immediately if posticide gets inside. Then wash theroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As seen as possible, wash thoroughly and change into clean clothing.



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Bold, italicized text is information for the reader and is not part of the label. [Bracketed information is optional text]. Text separated by / denotes and/or options. <u>Underline text is new</u>. Strike through text is being deleted.

#### Personal Protective Equipment (PPE)

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

Follow manufacturer's instructions for cleaning/maintaining personal protection equipment (PPE). If no such instructions for washables<u>exist</u>, use detergent and hot water. Keep and wash personal protection equipment separately from other laundry.

#### **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:

NOTE:

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

#### **DIRECTIONS FOR USE**

It is 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.

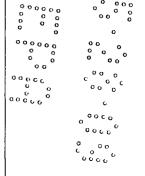
#### AGRICULTURAL USE REQUIREMENTS

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 24 hours.

PPE 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.

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The requirements in this box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

For use on established turfgrasses including bentgrass, and bermudagrass, and Poa annua (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of the grasses. See "Bermudagrass, and Bentgrass and Poa annua Precautions" and "Limitation of Liability" statements.

<u>Not</u> for use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, and bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended apply at the lower rate.

#### How/When to Use

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For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum, *Poa annua*, oxalis, knotweed, purslane, and prostrate spurge, apply in spring before they sprout.

To prevent *Poa annua* and fall germinating chickweed, apply product to dry foliage in late summer/early fall (before germination). Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should not be sooner than 4 months.

Where lower infestations are expected, the lighter rates may be used.

Apply product uniformly to dry foliage at the suggested-listed rate with a properly calibrated spreader. For best results, water after application (1/4-1/2 inch) to remove 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 as a segment to application. Allow at least a four-month space between the applications except when repeat applications are necessary after 6-8 weeks.

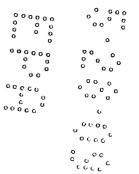
Do not mow treated area until product has been watered in and turf foliage has dried.

#### **Application Precautions and Restrictions**

Maximum of two applications per year.

Do not use on bentgrass, *Poa annua* and bermudagrass putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf and *Poa annua* are the desired species, a light rate application only is recommended, apply at the lower rate.

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On cool season turfgrasses avoid applications when temperatures are regularly in the 80's.

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

Do not apply to dormant bentgrass and *Poa Annua* (turf that is not actively growing or has experienced frost).

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

As with most other preemergence herbicides, 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.

Avoid application 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.

Do not apply more than a cumulative total of 441 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass-and-*Poa-annua*.

#### Properties of All Dinitroanaline (DNA) Products

May cause temporary slowing of turf fill-in and stolon-rhizome rooting where turf has been thinned.

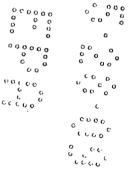
Requires a waiting period before seeding or sprigging.

#### Seeding or Sprigging Intervals after Treatment

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.

#### Treatment Interval after Seeding or Sprigging

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



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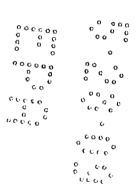
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Turfgrass Species	Weeds	Weed Control	Comments
<u>Cool Season</u> <u>Grasses</u> Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	Crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	220-294 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 183-220 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	220-294 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 220-257 lbs./acre	
Bentgrass and established <i>Poa</i> annua (1/2 inch) height or tallor. (Not for use on greens and tees)	Crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	220 lbs./acre in the spring prior to weed germination. <del>Apply a-repeat application after 6-8 weeks at</del> <del>220 lbs./acro</del>	Apply a repeat application of 183-220 lbs./acre after 6-8 weeks where heavy infestations are expected
	Goosegrass	220 lbs./acre in the spring prior to weed germination with a repeat application of 220 lbs./acre after 6-8 weeks	

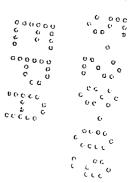


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Turfgrass Species	Weeds	Weed Control	Comments
Warm Season Grasses Bermudagrass St. Augustinegrass Bahiagrass Zoysiagrass Centipedegrass (401 lbs./acre rate or less) Tall fescue (Not for use on greens and tees)	Crabgrass Foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostate spurge purslane knotweed chickweed	220-294 lbs./acre prior to weed germination. 294 lbs./acre may be used prior to weed germination with a repeat application of 220 lbs./acre after 4 months where weeds germinate over an extended period. (Do not use this high rate on centipedgrass).	Apply a repeat application of 183-220 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	Goosegrass Cudweed hop clover <del>evening-primroso</del> henbit	220-294 lbs./acre prior to weed germination with a repeat application of 220-294 lbs./acre after 6-8 weeks.	
	goosegrass	220-294 lbs./acre prior to weed germination.	Apply a repeat application of 220-294 lbs./acre <u>after 6-8 weeks</u> to extend control of goosegrass or if the lower rate was used initially.
	Cudweed hop clover <del>evening primroso</del> henbit	220-294 lbs./acre prior to weed germination	Apply a repeat application of 183-257 lbs./acre after 6-8 weeks if the lower rate was used initially.



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#### SPREADER SETTINGS

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NOTE:

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

This product applies 50.0 lbs. and treats 10,890 ft<sup>2</sup> (1/4 acre) at the 220 lb product/acre rate. (equivalent to 1.5 lb active ingredient/acre and X lbs N/1,000 sq. ft.) 50.0 lbs tract 10,720 ft<sup>2</sup>(1/4 acre) at the 202 lbs product/acre rate (equivalent to 1.28 lbs active)

50.0.lbs. treat 10,729 ft<sup>2</sup>(1/4 acre) at the 203 lbs product/acre rate (equivalent to 1.38 lbs active ingredient/acre and 1.5 lbs N/1,000 sq ft).

		RECC	RECOMMENDED APPLICATION RATE		
RANGE					
	GROUND OR	WIDTH OF	Lbs_product/acre		
SPREADER	PTO SPEED	COVERAGE	220	2964	
Scotts SR2000	3.5 MPH	12 feet	K 1/2	L 1/2	

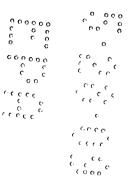
#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a clean, dry place. Reseal opened bag [by folding top down and securing.]

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose 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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Turf Fertilizer Plus Preemergent Weed Control 0.68%

#### **GUARANTEED ANALYSIS**

Total nitrogen (N)	¥X%	Deleted:	. )
0.6% ammoniacal nitrogen		<u> </u>	
22.9% urea, methylene ureas nitrogen		0.0.1	000
6.5% water insoluble nitrogen			999 9 9 9 9 9 9 9
Available phosphate (P <sub>2</sub> O <sub>5</sub> )	X%		n
Soluble potash (K <sub>2</sub> O).	X%	000000	° ° ° ° °
Derived from: urea, methylene ureas, monoammonium phosp	phate and potassium sulfate	, coou , c	
Information regarding the contents and levels of metals in this internet at http://www.regulatory-info-sc.com	product is available on the		, <sup>6</sup>
[Recommonded for use by Professional Turf Managors]			· · · · · · · · · · · · · · · · · · ·

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Prevents sprouting of the following grassy and dicot weeds and provides [a feeding of potassium –OR— a controlled-release nitrogen feeding]:

#### Grassy Weeds

- crabgrass foxtail goosegrass *Poa annua* barnyardgrass fall panicum
- chickweed oxalis knotweed prostrate spurge purslane cudweed hop clover henbit eveningprimrose

Dicot Weeds

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#### LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties and Pea annua under all possible growing conditions. The user should exercise judgment and caution when using this product on a given variety until familiar with the performance under his growing conditions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT ON BENTGRASS AND POA ANNUA IF NOT USED IN ACCORDANCE WITH DIRECTIONS AND ESTABLISHED SAFE PRACTICES. To the extent consistent with applicable law, 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.

The Scotts Company 14111 Scottslawn Rd. Marysville, OH 43041

Questions / Information

**Consumer Helpline** 1-800-543-TURF (8873)

Visit our website www.scotts.com

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Product of USA U.S. Patent No's 3,705,794; 3,989,470 \*Licensed under one or more of the following U.S. Patents: 3,920,742; 4,066,441

EPA Reg. No. 538-309

EPA Est. No. 538-OH-1 [Superscript used is first letter of run code on end of container]

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