

538-213

05/27/1998

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Please read instructions on reverse before completing form.

Form Approved. CMB No. 2070-0060. Approval expires 05-31-98

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 538-213	2. EPA Product Manager Jim Thompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Fertilizer Plus Preemergent Weed Control	PM# PM-25	
5. Name and Address of Applicant (Include ZIP Code) The Scotts Company 14111 Scottslawn Road Marysville, OH 43041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated XX-XX-XX
<input type="checkbox"/> Resubmission in response to Agency letter dated XX-XX-XX	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
MAY 27 1998

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of alternate brand names and minor label revisions (see attached letter)

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per Container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
*Certification must submitted		If "Yes" Package wgt. No. per Container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50.0 lb (22.68 kg)		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Chris J. Wible	Title Senior Regulatory Specialist	Telephone No. (Include Area Code) (937) 644 7214

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature The Scotts Company BY: <i>Chris J. Wible</i>	3. Title Senior Regulatory Specialist	6. Date Application Received (Stamped)
4. Typed Name Chris J. Wible	5. Date May 13, 1998	



2/7



22-0-6 Turf Fertilizer Plus Preemergent Weed Control

**POLY-S
TECHNOLOGY**



**22-0-6
Turf Fertilizer**

- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- provides a feeding of potassium



30107

Net Weight 50 lb (22.68 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. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

First Aid
If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. If in eyes: Flush with plenty of water. Call a physician if irritation persists. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Personal Protective Equipment
Applicators and other handlers must wear: Long-sleeved shirt and long pants, water-proof gloves, shoes plus socks.

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

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.
- 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, or 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.

ACTIVE INGREDIENT	
Pendimethalin P	0.75%
OTHER INGREDIENTS	99.25%
	Total 100.00%

EPA Reg. No. 538-213
 (CAS # 40497-42-1)
 Subscript used is first letter of run code on end of container

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

Turf Fertilizer Plus Preemergent Weed Control 22-0-6 F643

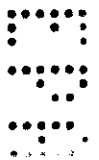
Guaranteed Analysis

Total nitrogen (N)	22%
22% urea nitrogen	
Soluble potash (K ₂ O)	6%
Sulfur (S)	11%
4-1% Free sulfur (S)	8%
Derived from: urea, potassium chloride and polymer-encapsulated sulfur-coated urea	
Chlorine (Cl), not more than	8%

*A portion of the urea has been coated to provide a 8% coated slow-release nitrogen. This product and/or its use is covered by one or more of the following U.S. patents and foreign counterparts thereof: U.S. Pat. Nos. 5,219,465, 5,300,135 and 5,409,425.

Product of U.S.A.
 Distributed by
 Professional Business Group
 The Scott's Company
 14111 Scottstown Rd
 Mrynsville, OH 43041

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Recommended For Use By Professional Turfgrass Managers



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11-3-11 Turf Fertilizer Plus Preemergent Weed Control

POLY-S
TECHNOLOGY



11-3-11
Turf Fertilizer

- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- provides a one-to-one feeding of nitrogen and potassium



10107

Net Weight 50 lb (22.68 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. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

First Aid

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. If in eyes: Flush with plenty of water. Call a physician if irritation persists. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Personal Protective Equipment (PPE)

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

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

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.
- 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, or 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.

ACTIVE INGREDIENT:

Pendimethalin 1% 0.86%

OTHER INGREDIENTS: 99.14%

Total 100.00%

EPA Reg. No. 538-213

EPA Est. No. 538-OH-1 (S)

1CAS # 40487-42-1

8378-IN-1 (K)

Subscript used is first letter of run code on end of container

Turf Fertilizer Plus Preemergent Weed Control 11-3-11

F643

Guaranteed Analysis

Total nitrogen (N) 11%

0.6% ammoniacal nitrogen

10.4% urea nitrogen*

Available phosphate (P₂O₅) 3%

Soluble potash (K₂O) 11%

Sulfur (S) 2%

2% Free sulfur (S)

Derived from: urea, potassium chloride, polymer-encapsulated sulfur-coated urea and ammoniated phosphate

Chlorine (Cl) not more than

*A portion of the urea has been coated to provide 4.4% coated slow-release nitrogen

This product and/or its use is covered by one or more of the following U.S. patents and foreign counterparts thereof: U.S. Pat. No. 5,219,465, 5,300,135 and 5,405,426
Product of U.S.A.

Distributed by:
Professional Business Group
The Scott's Company
14111 Scottslawn Rd.
Marysville, OH 43041

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Recommended For Use By Professional Turfgrass Managers

Prevents sprouting of the following grassy and dicot weeds:

- | | |
|---------------------|--------------------|
| Grassy Weeds | Dicot Weeds |
| crabgrass | chickweed |
| foxtail | crab |
| goosegrass | knotted |
| Poa annua | prostrate spurge |
| barnyardgrass | purslane |
| fall panicum | cutweed |
| | hop clover |
| | henbit |
| | eveningprimrose |

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 Worker Protection Standard, 29 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 intervals. 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 workers or other persons into treated areas during the restricted-entry interval (REI) of 12 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: coveralls, waterproof gloves, shoes plus socks.

For use on established turfgrasses including bentgrass, 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 these grasses. See "Limitation of liability" statements.

Not for use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bentgrass containing turf or Poa annua are the desired species, a light-rate application only is recommended.

How/When to Use

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum, Poa annua, crab, knotweed, purslane, and prostrate spurge, apply in the 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 rate with a properly calibrated spreader. For best results, water after applications 1/4 - 1/2 inch to remove the 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 4 month span between the applications except when repeat applications are necessary after 6-8 weeks.

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

WEEDS	GRASSY WEEDS	DICOT WEEDS	RECOMMENDED RATE
Crabgrass	Crabgrass	Crab	1.75 lb active ingredient/acre
Foxtail	Foxtail	Crab	1.75 lb active ingredient/acre
Goosegrass	Goosegrass	Crab	1.75 lb active ingredient/acre
Poa annua	Poa annua	Crab	1.75 lb active ingredient/acre
Barnyardgrass	Barnyardgrass	Crab	1.75 lb active ingredient/acre
Fall panicum	Fall panicum	Crab	1.75 lb active ingredient/acre
Chickweed	Chickweed	Crab	1.75 lb active ingredient/acre
Crab	Crab	Crab	1.75 lb active ingredient/acre
Knotted	Knotted	Crab	1.75 lb active ingredient/acre
Prostrate spurge	Prostrate spurge	Crab	1.75 lb active ingredient/acre
Purslane	Purslane	Crab	1.75 lb active ingredient/acre
Cutweed	Cutweed	Crab	1.75 lb active ingredient/acre
Hop clover	Hop clover	Crab	1.75 lb active ingredient/acre
Henbit	Henbit	Crab	1.75 lb active ingredient/acre
Eveningprimrose	Eveningprimrose	Crab	1.75 lb active ingredient/acre

Precautions

Do not use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bentgrass containing turf or Poa annua are the desired species, a light-rate application only is recommended.
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 more extensive in low-cut bermudagrass and on sandy soils.
As with most other preemergent herbicides, application of this product to bermudagrass overseeded with cool season turfgrasses may injure and limit the over seeding.

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

This product may cause discoloration and thinning where overapplications have been made. If the turfgrasses are under severe stress conditions (disease, drought, low temperature - below 40 F, scalping, and excessive soil moisture).

Do not apply to bentgrass and 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.

Properties of All Dinitroaniline (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 disperse 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.

Notes

Do not apply more than a cumulative total of 349 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and Poa annua; 698 lbs. of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 1046 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in a clean, dry place. Re-seal opened bag by folding top down and securing.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Weeds 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.

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated 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. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT 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 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 the 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 Business Group
The Scotts Company
14111 Scottsblain Rd.
Marysville, OH 43041
www.scottscompany.com

11-3-11
Turf Fertilizer
Plus Preemergent
Weed Control



125980107

8633

Suggested Spreader Settings
To provide proper distribution, calibrate spreader before application.
50 lb (22.68 kg) treats 10,729 sq. ft. at the 203 lb product/acre rate
(equivalent to 1.75 lb active ingredient/acre)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE				
			145 lb Product/A (1.25 lb a/A) (0.37 lb N/M)	175 lb Product/A (1.5 lb a/A) (0.44 lb N/M)	203 lb Product/A (1.75 lb a/A) (0.51 lb N/M)	230 lb Product/A (2.0 lb a/A) (0.59 lb N/M)	349 lb Product/A (3.0 lb a/A) (0.88 lb N/M)
Scotts Drop	3 mph	overlap wheels	5 1/2	5 1/4	6	6 1/4	7 1/2
Scotts Rotaries							
R-7X	3 mph	12 feet	F	F 1/2	G 1/2	H	J 1/2
R-8, R-8A, SR-1 (Cone 6)	3 mph	11 feet	I 1/2	J	J 1/2	K	M
Lely Models, WTR, WFR, HR and 1250 PTO at 450 rpm	4.5 mph	36 feet	4 1/2 I	5 I	5 1/2 I	5 1/2 I	5 1/2 I
Vicon (Model 02)	4.5 mph	36 feet	23	26	29	32	39
(Model 03)	4.5 mph	28 feet	20	22	25	27	34



6/7



22-0-11+2% Fe Turf Fertilizer Plus Preemergent Weed Control

100% POLY-S[®]
TECHNOLOGY

ProTurf
22-0-11+2% Fe
Turf Fertilizer

- preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed and *Poa annua*
- readily available potassium
- controlled release POLY-S[®] nitrogen
- provides readily available iron



0107

Net Weight 50 lb (22.68 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. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

First Aid
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. If in eyes: Flush with plenty of water. Call a physician if irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists. **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Personal Protective Equipment
Applicators and other handlers must wear: Long-sleeved shirt and long pants, water-proof gloves, shoes plus socks.

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

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.
- 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, or 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.

ACTIVE INGREDIENT:
Pendimethalin 1 0.75%
OTHER INGREDIENTS: 99.25%
Total 100.00%

EPA Reg. No. 539-213
CAS # 40487-42-1
Subscript used is first letter of run code on end of container.
Turf Fertilizer Plus Preemergent Weed Control 22-0-11+2% Fe F643

Guaranteed Analysis	
Total nitrogen (N)	22%
22% urea nitrogen*	22%
Soluble potash (K ₂ O)	11%
Sulfur (S) (total)	4.3%
4.1% combined Sulfur (S)	
10.2% free Sulfur (S)	
Iron (Fe)	2%
2% soluble Iron (Fe)	

Derived from: polymer-encapsulated sulfur-coated urea, potassium sulfate and ferrous sulfate

* All of the urea has been coated to provide 22% coated slow-release nitrogen

This product and/or its use is covered by one or more of the following U.S. patents and foreign counterparts thereof: U.S. Pat. Nos. 5,219,465, 5,300,135 and 5,405,428

Product of U.S.A.
Distributed by:
Professional Business Group
The Scott's Company
14111 Scottstown Rd
Marysville, OH 43041
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Recommended For Use By Professional Turfgrass Managers

22-U-11 + 2% Fe Turf Fertilizer Plus Preemergent Weed Control



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8662

Prevents sprouting of the following grassy and dicot weeds:

- | | |
|---------------------|--------------------|
| Grassy Weeds | Dicot Weeds |
| crickweed | chickweed |
| foxtail | crabgrass |
| goosegrass | prostrate spurge |
| Poa annua | purslane |
| bermudagrass | cutweed |
| fall panicum | hog clover |
| | henbit |
| | eveningprimrose |

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 Worker 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 response. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to users of this product that are covered by the Worker Protection Standard.

Do not enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 12 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: 1a. coveralls, waterproof gloves, shoes plus socks.

For use on established turfgrasses including bermudagrass, bermudagrass, and Poa annua (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, tall fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass, and blends of those grasses. See "Limitation of liability" statement.

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

How/When to Use

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, bermudagrass, fall panicum, Poa annua, oxalis, knotweed, purslane, and prostrate spurge, apply in the 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 6 months.

Where lower infestations are expected, the lighter rates may be used. Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after applications (1/4 - 1/2 inch) to remove the 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 4 month span 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.

WEEDS	RATES	REMARKS	COMMENTS
Crabgrass (annual)	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Goosegrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Foxtail	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Bermudagrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Poa annua	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
St. Augustinegrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Kentucky bluegrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Perennial ryegrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Tall fescue	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Centipedegrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Zoysiagrass	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Chickweed	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Crabgrass (prostrate)	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Purslane	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Cutweed	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Hog clover	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Henbit	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected
Eveningprimrose	1.5 lb/A	100-150 lbs/A in the spring prior to the onset of germination	Apply 1 repeat application of 157-200 lbs/A after 6-8 weeks for as needed control or when heavy infestations are expected

Precautions

Do not use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bentgrass, bermudagrass-containing turf or Poa annua are the desired species, a light-rate application only is recommended. Do not apply to dormant bentgrass and Poa annua turf that is not actively growing or has experienced frost.

When any preemergent 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 more extensive in low-cut bermudagrass and on sandy soils.

As with most other preemergent herbicides, application of this product to bermudagrass overseeded with cool season turfgrasses may injure and thin the overseeding.

On cool season turfgrasses avoid applications when temperatures are regularly in the 50's.

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, scalding, and excessive soil moisture).

Do not apply to bentgrass and 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 the product under windy conditions (5-10 mph) due to its staining potential.

Properties of All Dinitroaniline (DNA) Products

May cause temporary slowing of turf till-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.

Notes

Do not apply more than a cumulative total of 400 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and Poa annua; 600 lbs. of product/acre (5.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 1200 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

STORAGE AND DISPOSAL

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

STORAGE: Store in a clean, dry place. Re-seal 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.

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated 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 the growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT 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 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.



Suggested Spreader Settings

To provide proper distribution calibrate spreader before application. 50 lb (22.68 kg) treats 10,890 sq. ft. at the 200 lb product/acre rate (equivalent to 1.5 lb active ingredient/acre and 1.0 lb N/1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE RANGE				
			167 lb Product/A (1.25 lb ai/A) (0.84 lb N/M)	200 lb Product/A (1.5 lb ai/A) (1.0 lb N/M)	233 lb Product/A (1.75 lb ai/A) (1.18 lb N/M)	267 lb Product/A (2.0 lb ai/A) (1.35 lb N/M)	300 lb Product/A (2.25 lb ai/A) (1.5 lb N/M)
Scotts Drop	3 mph	overlap wheels	6 1/4	7 1/2	8 1/2	9	9 1/2
Scotts Rotary R-7X	3 mph	10 feet	G	H	I	I 1/2	J 1/2
R-8, R-8A, SR-1 (Cone 9)	3 mph	13 feet	L	M	N	O	P
Lely Models, WTR, WFR, HR and 1250 PTO at 450 rpm.	4.5 mph	36 feet	5 1/4 I	6 1/4 I	6 3/4 I	7 1/4 I	8 I
Vicon (Model 02)	4.5 mph	36 feet	32	36	39	42	45
(Model 03)	4.5 mph	28 feet	28	31	34	36	39

*Slide open