

538-206

6/25/1998

10/15



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

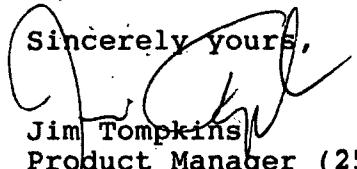
JUN 25 1998

Mr. Chris Wible
The Scotts Co.
14111 Scottslawn Road
Marysville, Ohio

Dear Mr. Wible:

Subject: Label Amendment- Approval-Supplemental Labeling
Additional Worker Protection Labeling
Fertilizer Plus Southern Turf Weedgrass Control
EPA Reg. No. 538-206
Your submission dated June 8, 1998

The Labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

Sincerely yours,

Jim Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505c)

20915

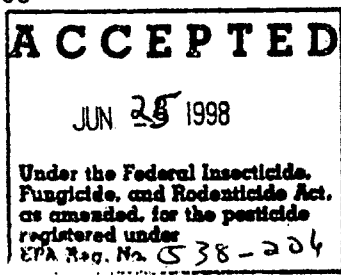
1/23/96 VS/kl	01/30/98 CW/kl
7/24/96 DS/jk	2/9/98 VS/kl
4/7/98 CW/kl	6/4/98 CW/kl

RANGE MASTER LABEL
(Low End of Range)

FRONT:

**30-3-3 Fertilizer Plus Southern Turf
Weedgrass Control
(S1526TR)
EPA Reg No 538-206**

(Scotts®)
ProTurf®
BRAND



Poly-S*®
Technology

30-3-10
Fertilizer Plus Southern Turf Weedgrass Control

- provides preemergent control of crabgrass, goosegrass, foxtail, *Poa annua*, chickweed, oxalis, spurge, and other annual grassy and broadleaf weeds
- provides a feeding of nitrogen and potassium
- provides initial greening plus controlled-release Poly-S® nitrogen

**Scotts® slow-release Polymer-encapsulated fertilizer*

Net Weight 132 lbs. (59.87 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. Wash thoroughly with soap and water after handling. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

STATEMENTS OF PRACTICAL TREATMENT (or) FIRST AID

If swallowed: Call a physician or Poison Control Center. Drink 1 to 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.

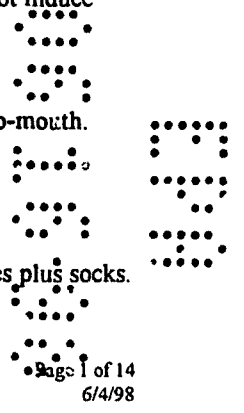
If in eyes: Flush with plenty of water. Call a physician if irritation persists.

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, waterproof gloves, shoes plus socks.



3015

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

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.

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† 0.57%

OTHER INGREDIENTS: 99.43%

Total 100.00%

EPA Reg. No. 538-206

EPA Est XXX-XX-X

† CAS #40487-42-1

Fertilizer Plus Southern Turf Weedgrass Control 30-3-10

Guaranteed Analysis

Total nitrogen (N) 30%

0.6% ammoniacal nitrogen

23.0% urea, methylene ureas nitrogen

6.4% water insoluble nitrogen

Available phosphate (P₂O₅) 3%

Soluble potash (K₂O) 10%

Derived from: monoammonium phosphate, urea, methylene ureas and potassium sulfate.

Product of USA

U.S. Patent No's 5,219,465; 5,300,135; 5,405,426

The Scotts Company

14111 Scottslawn Rd.

Marysville, Ohio 43041

©1998. The Scotts Company. World rights reserved.

4 of 15

Recommended for Use by Professional Turfgrass Managers

30-3-10
XXXXX

Fertilizer Plus
Southern
Turf Weedgrass Control

GUSSETS:

XXXXX

(Scotts®)
ProTurf®
BRAND

30-3-10
Fertilizer Plus
Southern
Turf Weedgrass Control

BACK:

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

(Scotts®)
ProTurf®
BRAND

30-3-10
Fertilizer Plus
Southern
Turf Weedgrass Control

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

<u>Grassy Weeds</u>		<u>Dicot Weeds</u>	
barnyardgrass	foxtail	chickweed	knotweed
crabgrass	goosegrass	cutweed	oxalis
fall panicum	<i>Poa annua</i>	eveningprimrose	prostrate spurge
		henbit	purslane
		hop clover	

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 or pets, either directly or through drift. Only protected handlers may be in 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.

Non-Agricultural Use Requirements

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 CRF Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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.

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, tall fescue, fine fescue, bentgrass and *Poa annua* (except putting greens and tees), bermudagrass, St. Augustinegrass, centipedegrass, bahiagrass, and zoysiagrass. 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 and *Poa annua* are the desired species, a light rate application (1.5 lbs. ai/A) 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*, 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) at the RECOMMENDED RATE. Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should not be sooner than 4 months.

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.

600A15

Precautions

This product is not intended for use on dichondra or cool season turfgrasses where it is grown and maintained as the permanent stand (*optional statement for products formulated for warm season grasses*).

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.

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

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 80'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, 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 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. On newly sprigged bermudagrass or other vegetative planted turfgrasses wait until the new grass has filled in and the stolons have rooted down before application.

Notes

Do not apply more than a cumulative total of 528 lbs. product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 1,056 lbs. product/acre (6.0 lbs. active ingredient/acre) per year on cool season grasses, and 1,584 lbs. product/acre (9.0 lbs. active ingredient/acre) per year on warm season grasses.

Turfgrass Species	Weeds	Rates of Fertilizer Plus Southern Turf Weedgrass Control	Comments
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine Fescue Tall Fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	307-351 lbs./acre prior to weed germination.	Apply a repeat application of 263 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	307 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 263-307 lbs./acre.	
Bentgrass and established <i>Poa annua</i> (½ inch height or taller). Not for use on greens and tees.	goosegrass crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed	263 lbs./acre in the spring prior to weed germination. Apply a repeat application of 263 lbs./acre after 6-8 weeks.	
Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass(351 lbs./acre rate or less) Tall fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	307-526 lbs./acre prior to weed germination. <i>or</i> 526 lbs./acre may be used prior to weed germination with a repeat application of 263-351 lbs./acre after 4 months where weeds germinate over an extended period. (Do not use this high rate on centipedegrass)	Apply a repeat application of 263-351 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	307-526 lbs./acre prior to weed germination.	
	cudweed hop clover evening primrose henbit	307 lbs./acre prior to weed germination.	Apply a repeat application of 263-351 lbs./acre in 6-8 weeks to control goosegrass if the lower rate was used initially.

263 lbs. product/acre or 6.04 lbs./1,000 sq. ft. provides
1.5 lbs. active ingredient/acre and 0.25 lb. nitrogen/1,000 sq. ft.

307 lbs. product/acre or 7.04 lbs./1,000 sq. ft. provides
1.75 lbs. active ingredient/acre and 0.3 lb. of nitrogen/1,000 sq. ft.

351 lbs. product/acre or 8.06 lbs./1,000 sq. ft. provides
2.0 lbs. active ingredient/acre and 0.34 lb. of nitrogen/1,000 sq. ft.

526 lbs. product/acre or 12.08 lbs./1,000 sq. ft. provides
3.0 lbs. active ingredient/acre and 0.5 lb. nitrogen/1,000 sq. ft.

80A15

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or 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 spreader before application
132 lbs. (59.87 kg) treats 11,000 sq. ft. at the 526 lbs. product/acre rate
132 lbs. (59.87 kg) treats 18,569 sq. ft. at the 307 lbs. product/acre rate

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>263 lbs. of Product/A (1.5 # ai/A)</u>	<u>307 lbs. of Product/A (1.75 # ai/A)</u>	<u>351 lbs. of Product/A (2.0 # ai/A)</u>	<u>526 lbs. of Product/A (3.0 # ai/A)</u>
Scott Drop Type	3 mph	overlap wheels	x	x	x	x
Gandy (30")	3 mph	overlap wheels	x	x	x	x
Scott Rotaries*						
R-7, R-7X	3 mph	14 ft.	x	x	x	x
R-8 (cone 7)	3 mph	14 ft.	x	x	x	x
Lely Models**	4.5 mph	40 ft.	x	x	x	x
Vicon	4.5 mph	42 ft.	x	x	x	x

* 1/4 slide

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

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 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.

9 of 15

1/23/96 VS/kj	01/30/98 CW/kj
7/24/96 DS/jk	2/9/98 VS/kj
4/7/98 CW/kj	6/4/98 CW/kj

RANGE MASTER LABEL
(High End of Range)

FRONT:

**30-3-3 Fertilizer Plus Southern Turf
Weedgrass Control
(S1526TR)
EPA Reg No 538-206**

(Scotts®)
ProTurf®
BRAND

Poly-S*®
Technology

30-3-10
Fertilizer Plus Southern Turf Weedgrass Control

-
- provides preemergent control of crabgrass, goosegrass, foxtail, *Poa annua*, chickweed, oxalis, spurge, and other annual grassy and broadleaf weeds
 - provides a feeding of nitrogen and potassium
 - provides initial greening plus controlled-release Poly-S® nitrogen

**Scotts® slow-release Polymer-encapsulated fertilizer*

Net Weight 18^{1/3} lbs. (8.31 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. Wash thoroughly with soap and water after handling. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

STATEMENTS OF PRACTICAL TREATMENT (or) FIRST AID

If swallowed: Call a physician or Poison Control Center. Drink 1 to 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, waterproof gloves, shoes plus socks.

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

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.

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† 4.14%

OTHER INGREDIENTS: 95.86%

Total 100.00%

EPA Reg. No. 538-206

EPA Est XXX-XX-X

† CAS #40487-42-1

Fertilizer Plus Southern Turf Weedgrass Control 30-3-10

Guaranteed Analysis

Total nitrogen (N) 30%

0.6% ammoniacal nitrogen

23.0% urea, methylene ureas nitrogen

6.4% water insoluble nitrogen

Available phosphate (P₂O₅) 3%

Soluble potash (K₂O) 10%

Derived from: monoammonium phosphate, urea, methylene ureas and potassium sulfate.

Product of USA

U.S. Patent No's 5,219,465; 5,300,135; 5,405,426

The Scotts Company

14111 Scottslawn Rd.

Marysville, Ohio 43041

©1998. The Scotts Company. World rights reserved.

110A15

Recommended for Use by Professional Turfgrass Managers

30-3-10
XXXXXX

Fertilizer Plus
Southern
Turf Weedgrass Control

GUSSETS:

XXXXXX

(Scotts®)
ProTurf®
BRAND

30-3-10
Fertilizer Plus
Southern
Turf Weedgrass Control

BACK:

30-3-10
Fertilizer Plus Southern
Turf Weedgrass Control

(Scotts®)
ProTurf®
BRAND

30-3-10
Fertilizer Plus
Southern
Turf Weedgrass Control

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

<u>Grassy Weeds</u>		<u>Dicot Weeds</u>	
barnyardgrass	foxtail	chickweed	knotweed
crabgrass	goosegrass	cudweed	oxalis
fall panicum	<i>Poa annua</i>	eveningprimrose	prostrate spurge
		henbit	purslane
		hop clover	

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 or pets, either directly or through drift. Only protected handlers may be in area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

12 of 15

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.

Non-Agricultural Use Requirements

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 CRF Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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.

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, tall fescue, fine fescue, bentgrass and *Poa annua* (except putting greens and tees), bermudagrass, St. Augustinegrass, centipedegrass, bahiagrass, and zoysiagrass. 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 and *Poa annua* are the desired species, a light rate application (1.5 lbs. ai/A) 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*, 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) at the RECOMMENDED RATE. Repeat application yearly for continued control. A repeat application made after *Poa annua* treatment should not be sooner than 4 months.

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.

130A15

Precautions

This product is not intended for use on dichondra or cool season turfgrasses where it is grown and maintained as the permanent stand (*optional statement for products formulated for warm season grasses*).

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.

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

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 80'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, 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 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. On newly sprigged bermudagrass or other vegetative planted turfgrasses wait until the new grass has filled in and the stolons have rooted down before application.

Notes

Do not apply more than a cumulative total of 528 lbs. product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 1,056 lbs. product/acre (6.0 lbs. active ingredient/acre) per year on cool season grasses, and 1,584 lbs. product/acre (9.0 lbs. active ingredient/acre) per year on warm season grasses.

14015

Turfgrass Species	Weeds	Rates of Fertilizer Plus Southern Turf Weedgrass Control	Comments
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine Fescue Tall Fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	43-49 lbs./acre prior to weed germination.	Apply a repeat application of 36 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	goosegrass	43 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 36-43 lbs./acre.	
Bentgrass and established <i>Poa annua</i> (½ inch height or taller). Not for use on greens and tees.	goosegrass crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed	36 lbs./acre in the spring prior to weed germination. Apply a repeat application of 36 lbs./acre after 6-8 weeks.	
Warm Season Grasses Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass(351 lbs./acre rate or less) Tall fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	43-73 lbs./acre prior to weed germination. <i>or</i> 73 lbs./acre may be used prior to weed germination with a repeat application of 36-49 lbs./ acre after 4 months where weeds germinate over an extended period. (Do not use this high rate on centipedegrass)	Apply a repeat application of 36-49 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	43-73 lbs./acre prior to weed germination.	Apply a repeat application of 36-49 lbs./acre in 6-8 weeks to control goosegrass if the lower rate was used initially.
	cudweed hop clover evening primrose henbit	73 lbs./acre prior to weed germination.	

36 lbs. product/acre or 6.04 lbs./1,000 sq. ft. provides
1.5 lbs. active ingredient/acre and 0.25 lb. nitrogen/1,000 sq.ft.

43 lbs. product/acre or 7.04 lbs./1,000 sq.ft. provides
1.75 lbs. active ingredient/acre and 0.3 lb. of nitrogen/1,000 sq.ft.

49 lbs. product/acre or 8.06 lbs./1,000 sq.ft. provides
2.0 lbs. active ingredient/acre and 0.34 lb. of nitrogen/1,000 sq.ft.

73 lbs. product/acre or 12.08 lbs./1,000 sq.ft. provides
3.0 lbs. active ingredient/acre and 0.5 lb. nitrogen/1,000 sq.ft.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or 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 spreader before application
18^{1/3} lbs. (8.31 kg) treats 11,000 sq. ft. at the 73 lbs. product/acre rate
18^{1/3} lbs. (8.31 kg) treats 18,569 sq. ft. at the 43 lbs. product/acre rate

<u>SPREADER</u>	<u>GROUND OR PTO SPEED</u>	<u>WIDTH OF COVERAGE</u>	<u>36 lbs. of Product/A (1.5 # ai/A)</u>	<u>43 lbs. of Product/A (1.75 # ai/A)</u>	<u>49 lbs. of Product/A (2.0 # ai/A)</u>	<u>73 lbs. of Product/A (3.0 # ai/A)</u>
Scott Drop Type	3 mph	overlap wheels	x	x	x	x
Gandy (30")	3 mph	overlap wheels	x	x	x	x
Scott Rotaries*						
R-7, R-7X	3 mph	14 ft.	x	x	x	x
R-8 (cone 7)	3 mph	14 ft.	x	x	x	x
Lely Models**	4.5 mph	40 ft.	x	x	x	x
Vicon	4.5 mph	42 ft.	x	x	x	x

* 1/4 slide

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

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 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.