

538-309

2/2/2010

1 of 12



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

FEB - 2 2010

Ms. Claudia Herrington
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

Subject: Label Amendment (Originally Submitted as a Notification); and
Alternate Brand Name
Product Name: Turf Fertilizer Plus Preemergent Weed Control 0.68%
EPA Reg. No. 538-309
Application Dated May 26, 2009, as amended by e-Mail on February 1, 2010

Dear Ms. Herrington:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you make the following changes.

1. On page 8, correct the area treated by 50 lbs. of product at the 220 lb. product/acre rate. The correct area is 9,900 ft², as specified on the front panel of the label.
2. As stated in the Feb. 25, 2009 Notice of Registration for this product, it is recommended that the First Aid section include a company telephone number or toll-free hotline number for emergency information. Alternatively, you may include the NPIC contact information: "*For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).*"


A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after eighteen (18) months from the date of this letter or the next printing of the label, whichever occurs first, must bear the new revised

20912

Page 2 of 2
EPA Reg. No. 538-309

label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Sincerely,



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

3 of 12

NOTE:

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 deleted.~~

EPA Reg. No. 538-309

Turf Fertilizer Plus Preemergent Weed Control 0.68%

ALTERNATE BRAND NAME:

[33-0-0 Fertilizer Plus Preemergent Weed Control]

ACTIVE INGREDIENT:

Pendimethalin† 0.68%

OTHER INGREDIENTS 99.32%

Total 100.000%

This product applies 50.0 lb and treats 9,900 ft² at the 220 lb product/acre rate (equivalent to 1.5 lb active ingredient/acre and X lbs N/1,000 sq ft).

†CAS #40487-42-1

EPA Registration Number 538-309

EPA Establishment Number 538-OH-1

NET WEIGHT 50 LBS

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back for additional precautionary statements.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

FEB - 2 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

538-309

40912

NOTE:

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 deleted.~~

**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.

FIRST AID

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

If 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.

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 exist, 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.

NOTE:
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 deleted.~~

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

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.

60012

NOTE:

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 deleted.~~

NON-AGRICULTURAL USE REQUIREMENTS

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 (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of the grasses. See "Application Precautions and Restrictions" and "Limitation of Liability" statements.

Not for use on bentgrass and bermudagrass putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf are the desired species, apply at the lower rate.

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 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 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 subsequent 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 and bermudagrass putting greens and tees, or on dichondra. Where bentgrass and bentgrass-containing turf are the desired species, apply at the lower rate.

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

NOTE:

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 deleted.~~

EPA Reg. No. 538-309

7 of 12

This product may cause discoloration and thinning where over-applications 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 dormant bentgrass (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 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.

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.

80 of 12

NOTE:

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 deleted.~~

EPA Reg. No. 538-309

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 (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.	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	

NOTE:

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 deleted.~~

Turfgrass Species	Weeds	Weed Control	Comments
<p><u>Warm Season Grasses</u> Bermudagrass St. Augustinegrass Bahiagrass Zoysiagrass Centipedegrass (403 lbs./acre/year rate or less) Tall fescue (Not for use on greens and tees)</p>	<p>Crabgrass Foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostate spurge purslane knotweed chickweed</p>	<p>220-294 lbs./acre prior to weed germination.</p> <p>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 centipedegrass).</p>	<p>Apply a repeat application of 183-220 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.</p>
	<p>Goosegrass Cudweed hop clover henbit</p>	<p>220-294 lbs./acre prior to weed germination with a repeat application of 220-294 lbs./acre after 6-8 weeks.</p>	
	<p>goosegrass</p>	<p>220-294 lbs./acre prior to weed germination.</p>	<p>Apply a repeat application of 220-294 lbs./acre after 6-8 weeks to extend control of goosegrass or if the lower rate was used initially.</p>
	<p>Cudweed hop clover henbit</p>	<p>220-294 lbs./acre prior to weed germination</p>	<p>Apply a repeat application of 183-257 lbs./acre after 6-8 weeks if the lower rate was used initially.</p>

NOTE:

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 deleted.~~

SPREADER SETTINGS

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 ft² (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).

APPLICATION RATE RANGE

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	Lbs product/acre	
			220	294
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 and 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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or 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.

NOTE:

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 deleted.~~

Turf Fertilizer Plus Preemergent Weed Control 0.68% XX-XX-XX

GUARANTEED ANALYSIS

Total nitrogen (N).....XX%
 0.6% ammoniacal nitrogen
 22.9% urea, methylene ureas nitrogen
 6.5% water insoluble nitrogen
Available phosphate (P₂O₅).....X%
Soluble potash (K₂O).....X%

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

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-sc.com>

BACK

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

Dicot Weeds

- chickweed
- oxalis
- knotweed
- prostrate spurge
- purslane
- cudweed
- hop clover
- henbit
- eveningprimrose

12 of 12

A Reg. No. 538-309

NOTE:

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 deleted.~~

LIMITATION OF LIABILITY

It must be understood that this product has not been evaluated on all bentgrass varieties 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 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

© 2005. The Scotts Company LLC.
World rights reserved.

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]