

538-164

1/26/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Claudia S. Herrington
The Scotts Company
14111 Scottslawn Rd.
Marysville, OH 43041

1-26-09

Subject: Label Amendment
Goosegrass/Crabgrass Control
EPA Reg. No. 538-164
Application Dated December 3, 2008
Resubmission Dated January 6, 2009

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 6, revise the maximum application rate text to "The maximum application rate is 115.48 lb of product (6 lb bensulide and 1.5 lb oxadiazon) per acre per year, except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 173.22 lb of product (9 lb bensulide and 2.25 lb oxadiazon) per acre per year. The maximum single application rate is 115.48 lb of product (6 lb bensulide and 1.5 lb oxadiazon) per acre."

The amended label supercedes all previously accepted labels. A stamped copy of the label is enclosed for your records. Submit one copy of final printed labeling incorporating the above changes before you release this product for shipment.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins".

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

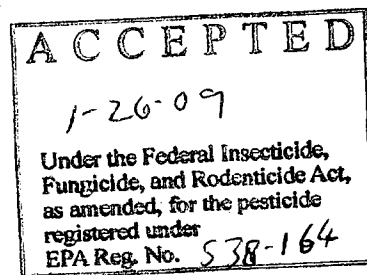
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NOTE:

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.~~

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Goosegrass/ Crabgrass Control



ACTIVE INGREDIENT:

Bensulide†.....	5.25 %
Oxadiazon††.....	1.31 %
OTHER INGREDIENTS:.....	93.44 %
Total	100.00 %

†CAS# 741-58-2

††CAS# 19666-30-6

KEEP OUT OF THE REACH OF CHILDREN
CAUTION

Net Weight 28.87 lb (13.0 kg)

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing.

Personal Protective Equipment (PPE)

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

Applicators using a push type spreader and all loaders must wear:

- coveralls over long-sleeved shirt and long pants,
- chemical resistant gloves made of any waterproof material
- chemical resistant footwear plus socks, and
- a NIOSH- approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N², R, P, or HE filter.

All other applicators and handlers must wear:

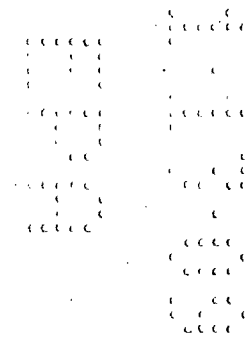
- long-sleeved shirt and long pants,
- chemical resistant gloves made of any waterproof material
- shoes plus socks

In addition to the above, for-hire applicators (non-golf course employees) must wear a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or NIOSH-approved respirator with any N², R, P or HE filter (due to risk from repeated exposures) when applying this product to golf courses.

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

Engineering Controls

When handlers use enclosed cabs 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.



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User Safety Recommendations:

User 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.

FIRST AID

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

If swallowed: Call A poison control center 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 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 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 further treatment advice. Have the product container or label with you when calling poison control center or doctor, or going for treatment.

Note to physician: Bensulide is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal; 2-PAM (PROTOPAM) may also be given in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS:

This chemical is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift from the treated area. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product may impair reproduction in birds if used during the breeding season.

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Recommended For Use By Professional Turfgrass Managers

Goosegrass/Crabgrass Control

For sale and use by professional applications only. Not for sale to or use by homeowners/consumers.

Prevents goosegrass and crabgrass in bermudagrass, zoysiagrass, tall fescue, bentgrass, perennial bluegrass, and perennial ryegrass

DIRECTIONS FOR USE

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Controls crabgrass and goosegrass as they sprout.

This product may only be applied by tractor-drawn spreader or by push type spreader.

For use only on golf courses (greens, tees and bentgrass fairways only).

Application on bentgrass fairways is limited to the following states: OH, PA, NY, MI, CT, MA, IN, IL, NJ, WV, MN, WI, VT, NH, RI, DE, MD, VA. Applications on fairways may only be made in the Fall and are limited to one application per year.

Applications to greens and tees are limited to two per year.

General Application Restrictions

IMPORTANT: THIS PRODUCT WILL NOT WORK UNLESS IT IS WATERED IN FOR 10-15 MINUTES. FOR SAFETY REASONS, WATER THIS PRODUCT IN AS SOON POSSIBLE FOLLOWING APPLICATION FOR 10-15 MINUTES AND DO NOT ALLOW CHILDREN OR PETS ON TREATED AREAS UNTIL DRY FOLLOWING THE WATERING.

Not for use on home lawns.

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.

Do not use on parks, recreation areas, or other public sites.

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Established Cool and Warm Season Grasses

This product may be used on bentgrass and bermudagrass putting greens only under conditions of very heavy goosegrass infestations and where the herbicidal side effects are tolerable.

This product may cause yellowing and/or thinning for up to 4 weeks on bentgrass and bermudagrass greens.

Do not use this product when the temperature is consistently below 50°F or above 80°F.

Not for use where *Poa annua*, annual ryegrass, or fine fescue are the desired turf or on dichondra or similar ground covers.

Complete any raking or aerifying of the turf before treatment so that the protective chemical barrier is not destroyed.

For best results apply to DRY FOLIAGE and ensure that the product granules reach the soil surface by removing debris and mowing if necessary prior to treatment.

Apply uniformly at the NORMAL RATE (1X) in the Spring (South: January to early April; North: March to early May) prior to crabgrass or goosegrass germination.

Additional Seeding, Overseeding, Sprigging, and Stolonizing Information

Do not use on newly seeded bermudagrass until after the second mowing.

Aerification, coring or other practices which break the herbicidal barrier will increase germination if performed just before seeding.

Residual effectiveness requires a delay of 5 growing months after the last treatment before overseeding.

On newly sprigged bermudagrass wait until the grass has filled in and the stolons have rooted down before application.

Where large areas of bermudagrass have been severely thinned (25 % or more), withhold application until desired fill-in and rooting in of the stolons are achieved.

SPREADER APPLICATION RECOMMENDATIONS

Correct spreader calibration is important to minimize undesirable results.

For best results on bentgrass greens, application using a properly calibrated drop spreader is recommended.

When applying the product at NORMAL RATE (1X), a HALF WIDTH application can be made to ensure a more uniform coverage and particle distribution.

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Heavy Weed Pressure

Where heavy weed pressure is expected, apply a NORMAL RATE (1X) followed by a repeat application at the HALF RATE (½ X), 6 to 8 weeks later. **DO NOT APPLY THIS REPEAT APPLICATION TO BENTGRASS GREENS OR FAIRWAYS.**

The maximum application rate is 6 lbs. ai bensulide per acre per year, except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 9 lbs. ai bensulide per acre per year. The maximum single application rate is 6 lbs. ai bensulide per acre.

Reduce Yellowing or Injury

To reduce the potential for yellowing or injury on established bentgrass greens, bermudagrass greens, and perennial ryegrass winter overseedlings, apply an initial treatment to dry foliage at the HALF RATE (½ X). Apply a repeat treatment 10-14 days later at the HALF RATE (½ X).

Where herbicidal effects at the NORMAL RATE (1X) can be tolerated, this product may be applied at the HALF WIDTH to ensure proper particle coverage.

Poa trivialis

When using this product on established winter overseedings of *Poa trivialis* or blends containing *Poa trivialis*, apply an initial treatment to dry foliage at the HALF RATE (½ X). Repeat treatment again 10-14 days later at the HALF RATE (½ X).

SPREADER SETTINGS AND APPLICATION INFORMATION

SPREADER	GROUND SPEED	Spreader Settings					
		NORMAL RATE (1 X)				HALF RATE (½ X)	
		SETTING	FULL WIDTH OF COVERAGE	SETTING	HALF WIDTH OF COVERAGE	SETTING	FULL WIDTH OF COVERAGE
Scotts Drop	mph	overlap wheels		overlap wheels		overlap wheels	
Scotts Rotaries							
Accu Pro 2000, SR 2000 (Cone 9)	mph	feet					
R-8, R-8A (Cone 9)	mph	feet					
R-7X	mph	feet					
Vicon (03 Series – Standard Spout)	mph	feet					
Lely Models	mph	feet					
		Application Information					
Lb. active ingredient/acre (Bensulide, Oxadiazon)		6.0,1.5		6.0,1.5		3.0,0.75	
Lb. product/1,000 sq. ft.		2.62		2.62		1.31	
Number of Bags/Acre		4		4		2	

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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, 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 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.

LIMITATION OF LIABILITY

While a wide variety of tests have been conducted, it must be understood that this product has not been tested on greens of all bermudagrass and bentgrass varieties under all possible growing conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performances under his growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT ON BERMUDAGRASS AND BENTGRASS GREENS IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.** To the extent consistent with applicable law, the exclusive remedy of the user and Buyer, and 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 representation of The Scotts Company.

[Professional Business Group]
The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

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EPA Reg. No. 538-164

EPA Est. 538-OH-1

Attention: This product contains a chemical known to the state of California to cause cancer birth defects or reproductive harm.