

9198-176

10/10/2008

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Clair Engelbert
Product Development Technician
The Andersons Lawn Fertilizer Division Inc.
d/b/a Free Flow Fertilizer
P.O. Box 119
Maumee, OH 43537

OCT 10 2008

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Ms. Engelbert:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated August 13, 2008 for:

✓ **EPA Registration 9198-176**

EPA Registration 9198-213

Andersons Golf Products

Goosegrass/Crabgrass Control

**The Andersons 0.25% Granular Dithiopyr
Herbicide**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda", is located below the word "Sincerely,".

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



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-176	2. EPA Product Manager Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Andersons Golf Products Goosegrass/ Crabgrass Control	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) The Andersons Lawn Fertilizer Division, Inc. d/b/a Free Flow Fertilizer PO Box 119 Maumee, OH 43537 <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. NOTIFICATION Product Name OCT 10 2008	

Section - II

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

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

Notification of Label change per PR Notice 2007-4.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

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		<input type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 20-1,000 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Pocket	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Clair Engelbert		Title Product Development Technician		Telephone No. (Include Area Code) 419-891-2780	
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 <i>Clair Engelbert</i>		3. Title Product Development Technician			
4. Typed Name Clair Engelbert		5. Date 8/13/08			



The Andersons, Inc.

P.O. Box 119 • Maumee, Ohio 43537 • 419/893/5050

August 13, 2008

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

RE: Notification of Minor Label Change

SUBJECT: Andersons Golf Products Goosegrass / Crabgrass Control
EPA Reg. No. 9198-176

Per PR Notice 2007-4 enclosed is EPA Form 8570-1, an application notifying the Agency of a revision to the labeling for the subject registration. A copy of the revised labeling is enclosed with the additions underlined and marked in blue.

As consistent with the guidance in PR Notice 2007-4, "Labeling Revisions Required by the Final Rule 'Pesticide Management and Disposal; Standards for Pesticide Containers and Containment'", we have added the following statements to our Storage and Disposal section: "Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available."

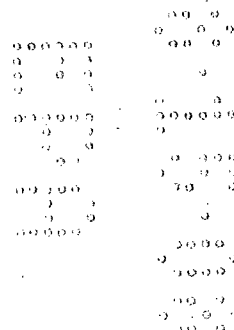
If there are any questions or comments regarding this notification, please contact me.

Sincerely,
The Andersons Lawn Fertilizer Division, Inc.

Clair Engelbert

Clair Engelbert
Product Development Technician
Phone: 419-891-2780
Fax: 419-891-2745
Email: clair_engelbert@andersonsinc.com

Enclosures



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Front Panel

Andersons Golf Products Goosegrass / Crabgrass Control

For sale to and use by professional applicators 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
- For use on bentgrass fairways (in listed states) and tees
- For use on bentgrass and bermudagrass greens

NOTIFICATION

OCT 10 2008

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION: causes moderate eye irritation. Avoid contact with eyes or clothing.

Personal Protective Equipment (PPE)

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,
- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N, 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, and 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 MSH/NIOSH approval prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter (due to 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 CFR(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

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 PE immediately after handling this product. Wash the outside of gloves before removing.
As soon as possible, wash thoroughly and change into clean clothing.

Have the product container or label with you when calling poison control center or doctor, or going for treatment. You may contact 1-800-757-8951 for emergency medical treatment information.

Environmental Hazards: This product is toxic to fish and aquatic vertebrates. Do not apply directly to water or to areas where surface water is present or the intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or 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.

ACTIVE INGREDIENT:

Bensulide†	5.25%
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OxadiazonFF 1.31%

OTHER INGREDIENTS: 93.44%

Total	<u>100.00%</u>
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FCAS # 741-58-2

FFCAS# 19666-30-6

This product contains 0.0525 lbs. of Bensulide and 0.0131 lbs. of Oxadiazon per lb. of product.

EPA Reg. No. 9198-176

EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A

Underlined letter used is first letter of run code on end of bag

SGN 80

Treats Up to 22,000 Square Feet

Net. Weight 28.87 lbs. (13.0 kg)

Figure 1 illustrates the steps of a genetic algorithm. The diagrams show a population of individuals with fitness values, selection of parents, crossover to produce offspring, mutation of an offspring, and the resulting new population. The process is repeated for multiple generations.

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Back panel

Andersons Golf Products Goosegrass/Crabgrass Control

{Product code}

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.

Do not apply this product in a way that will contact workers or other person, either directly or through drift. Only protected handlers may be in the area during application.

Controls crabgrass and goosegrass as they sprout.

This product may be only applied by a 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 bentgrass 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. The maximum application rate is 458 lbs./acre or 10.5 lb./1,000 sq. ft. of product (6 lbs oxadiazon ai per acre) per year, except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 610 lbs./acre or 14 lb./1,000 sq. ft. of product (8 lbs oxadiazon ai per acre) per year. The maximum single application rate is 305 lbs./acre or 7 lbs./1,000 sq. ft. of product (4 lbs. oxadiazon ai per acre).

PRECAUTIONS

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

WATERING-IN MY BE PERFORMED BY THE COMMERCIAL APPLICATOR OR THE COMMERCIAL APPLICATOR MUST PROVIDE THE ABOVE WATERING-IN INSTRUCTIONS TO THE RESIDENT IN WRITING USING BOLD FACE TYPE AND/OR RED PRINT OR OTHER METHODS TO ENSURE WARNING IS PROMINENTLY DISPLAYED ON THE MATERIAL PROVIDED TO THE RESIDENT.

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

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 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 tractor drawn drop spreader or push type drop spreader is recommended.

When applying the product at NORMAL RATE (1X), a HALF WIDTH application can be made. The HALFWIDTH application will ensure a more uniform coverage and particle distribution by reducing the effect of spreader variation. If the HALF WIDTH application is chosen, be sure to use the HALF WIDTH setting under the NORMAL RATE (1X) as shown in the spreader table at end of label.

Heavy Weed Pressure

Where heavy weed pressure is expected, apply a NORMAL RATE (1X) followed by a repeat application at the HALF RATE ($\frac{1}{2}$ X), 6 to 8 weeks later. DO NOT APPLY THIS REPEAT APPLICATION TO BENTGRASS GREENS OR FAIRWAYS.

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 ($\frac{1}{2}$ X). Apply a repeat treatment 10-14 days later at the HALF RATE ($\frac{1}{2}$ 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 ($\frac{1}{2}$ X). Repeat treatment again 10-14 days later at the HALF RATE ($\frac{1}{2}$ X).

8 8 9

SPREADER SETTINGS AND APPLICATION INFORMATION

SPREADER	GROUND SPEED	Spreader Settings					
		NORMAL RATE (1X)				HALF RATE (½ X)	
		SETTING	FULL WIDTH OF COVERAGE	SETTING	HALF WIDTH OF COVERAGE	SETTING	FULL WIDTH OF COVERAGE
aa	X mph	X	X feet	X	X feet	X	X feet
bb	X mph	X	X feet	X	X feet	X	X feet
cc	X mph	X	X feet	X	X feet	X	X 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	

Note to EPA: actual spreader models may vary depending on market demand and availability – available on final printed label

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: 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 disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION. (RVnot082707)

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

Visit us at our website at: andersonsgolfproducts.com

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Manufactured By:
The Andersons Lawn Fertilizer Division, Inc.
PO Box 119
Maumee, OH 43537

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Date Approved	9/22/06
Supersedes	3/2/05
Label Changes	Notification – container disposal
Filename	9198-176
Label Code	RVnot081308