

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 25 2003

Dawn L. Walters  
The Andersons, Inc.  
P.O. Box 119  
Maumee, OH, 43537

Dear Ms. Walters:

Subject: Label Amendment  
The Anderson Fertilizer Plus Turf Preemergent Weed control  
EPA Registration No. 9198-191  
Your submission dated December May 14, 2003

The labeling, referred to above, submitted in connection with the application under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the following changes:

1. Under "Signal Word";

The signal word must be easily recognizable. Increase the size and space on lines above and under this word.

2. Under "Weight Statement";

Add the following active ingredient (AI) weight statement:

"This product contains 0.XXX lb. of Pendimethalin per lb. of product."

3. Under "Personal Protective Equipment";

Replace "waterproof gloves" with "chemical resistant gloves, made of waterproof materials, such as butyl rubber >14 mils, nitrile rubber >14 mils, or neoprene rubber >14 mils."

4. Under "Directions for Use";

Add the following "Spray Drift Control" statements:

"Do not allow dust to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. Apply only when wind speed is not more than 10 mph. For sprays, apply largest size droplets possible."

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5. Under "Agricultural Use Requirements";

Replace "waterproof gloves" with "chemical resistant gloves, made of waterproof materials, such as butyl rubber >14 mils, nitrile rubber >14 mils, or neoprene rubber >14 mils."

6. Under "Rates of Turf Weedgrass Control" and "Suggested Spreader Settings";

The maximum allowable application rate for pendimethalin is 2 lbs per acre, or 113 lbs product per acre. Adjust the application rate accordingly.

7. Under "Storage and Disposal";

Change "Storage" to "Pesticide Storage."

8. It is recommended that you implement the provisions of EPA PR Notice 2001-5, Notice to Manufacturers, Formulators, Producers and Registrants of Pesticide Products, on Pesticide Resistant Labeling (refer to the EPA web site: [http://www.epa.gov/PR\\_Notices/](http://www.epa.gov/PR_Notices/)).

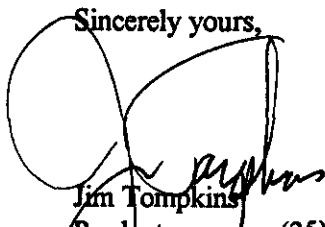
9. Provide a list of sites where this product may be used.

10. Under "Warranty Disclaimer and Limitation of Liability";

The Agency has not reviewed or accepted the warranty and liability statements. It may need to be changed at a later date.

The amended label supersedes all previously accepted labels. A stamped copy of the revised label is enclosed for your records. Please submit one copy of your final printed label before you release the product for shipment.

Sincerely yours,

  
 Jim Tompkins  
 Product manager (25)  
 Herbicide Branch  
 Registration Division (7505C)

Enclosure

CONCURRENCES								
symbol	7505C							
surname	Bien							
date	8-25-03							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY

## The Andersons Professional Turf® Products Turf Weedgrass Control

- preemergent control of crabgrass, goosegrass, *Poa annua*, and other grassy weeds
- control of 9 sprouting broadleaf weeds

Net Weight XX lbs. (XX kg)

### ACTIVE INGREDIENT:

Pendimethalin, N-(1-Ethylpropyl)-3, 4-dimethyl-2,6 dinitrobenzenamine\* ..... 1.71%

INERT INGREDIENTS: ..... 98.29%

Total 100.00%

Product of USA

EPA Reg. No. 9198-191

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

Underlined letter is first letter used in run code on bag

\*Licensed under one or more of the following U.S. patents: 3,920,742; 4,066,441

The Andersons logo and Professional Turf are registered trademarks of The Andersons Agriservices, Inc.

### 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 poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing. 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 inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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 a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.

#### 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 PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 25 2003

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

9198-191

**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.

**Engineering Controls**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Work 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 product 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.

**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 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 apply only 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 CFR 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.

Controls these grassy weeds as they sprout:

goosegrass	<i>Poa annua</i>
crabgrass	barnyardgrass
foxtail	fall panicum

Controls these broadleaf (dicot) weeds as they sprout:

chickweed	henbit	oxalis
cudweed	hop clover	prostrate spurge
evening primrose	knotweed	purslane

For use on established turfgrasses including Kentucky bluegrass, perennial ryegrass, fine fescue, bentgrass and *Poa annua* (except putting greens and tees), tall fescue, bermudagrass, St. Augustinegrass, centipedegrass, bahiagrass, zoysiagrass, and blends of these grasses. NOT for use on dichondra.

#### ***Poa annua* control**

Applied in mid-August to mid-October before germination, this product prevents the emergence of *Poa annua* seedlings. Do not make a repeat application until the following spring.

Applied in the fall, this product also controls annual dicot weeds germinating during this time of year, such as henbit and chickweed.

Turfgrass Species	Weeds	Rates of 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	88 – 118 lbs./acre as the initial application prior to weed germination	Apply a repeat application of 59 – 88 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	Goosegrass	88 – 118 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6 – 8 weeks at 88 lbs./acre.	
Bentgrass and established <i>Poa annua</i> (½ inch height or taller. Not for use on greens and tees)	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum Oxalis Prostrate spurge Purslane Knotweed Chickweed	88 lbs./acre in the spring prior to weed germination.	Apply a repeat application of 59 – 88 lbs./acre after 6-8 weeks where heavy weed infestations are expected.
	Goosegrass	88 lbs./acre in the spring prior to weed germination with a repeat application of 88 lbs./acre after 6 – 8 weeks.	

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Turfgrass Species	Weeds	Rates of Turf Weedgrass Control	Comments
Warm Season Grasses  Bermudagrass St. Augustinegrass Bahia grass Zoysiagrass Centipedegrass Tall fescue	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum Oxalis Prostrate spurge Purslane Knotweed Chickweed	88 – 177 lbs./acre prior to weed germination.	Apply a repeat application of 59 – 88 lbs./acre after 6 – 8 weeks if necessary.
	Goosegrass	88 – 177 lbs./acre prior to weed germination.	Apply a repeat application of 88 – 118 lbs./acre to extend control of goosegrass or if the lower rate is used initially.
	Cudweed Hop clover Evening primrose Henbit	177 lbs./acre prior to weed germination.	
Bermudagrass greens	Crabgrass Foxtail <i>Poa annua</i> Barnyardgrass Fall panicum Oxalis Prostrate spurge Purslane Knotweed Chickweed	88 lbs./acre prior to weed germination	Apply a repeat application of 88 lbs./acre after 6-8 weeks if necessary.
	Goosegrass Cudweed Hop clover Evening primrose Henbit	88 – 118 lbs./acre prior to weed germination with a repeat application 88 lbs./acre after 6 – 8 weeks.	

#### How to use

Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (  $\frac{1}{4}$  -  $\frac{1}{2}$  inch) to remove the granules from the foliage and to move the product to the surface of the soil. Do not mow treated area until product has been watered in and turf foliage has dried. Do not destroy the chemical barrier created at the soil surface by raking or aerifying subsequent to application.

#### Precautions for Bermudagrass and $\frac{1}{2}$ inch Height or Taller Bentgrass and *Poa annua*

When 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 on low-cut bermudagrass and on sandy soils.

Where turf thinning or damage has occurred due to winter injury, wait until green-up, fill-in and good rooting before making an application.

Application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply to bentgrass or *Poa annua* after late summer.

**Other Precautions**

Do not apply this product to cool season turfgrasses when temperatures are regularly in the high 80s.

On turf that has been severely thinned due to winter damage, excessive soil moisture, low temperature – below 40°F, scalping, insects, disease, etc. wait until turf has filled in and rooting of stolons/rhizomes is complete and desired turf density is achieved before applying.

Delay seeding by 4 months and sprigging by 5 months after application.

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in.

Do not apply more than a cumulative total of 177 lbs. of product/acre (3.0 lbs. active ingredient/acre) per year on bentgrass and *Poa annua*; 354 lbs. of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 528 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.

Do not apply 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.

**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						
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. XX lbs. treats XX,XXX ft <sup>2</sup> ( X acre) at 88 lbs. product/acre (88 lbs. of product per acre is equivalent to 1.5 lb. ai/acre) XX lbs. treats XX,XXX ft <sup>2</sup> ( X acre) at 177 lbs. product/acre						
Spreader	Ground or PTO Speed	Width of Coverage	RECOMMENDED RATE RANGE (Lbs. product/acre)			
			59	88	118	177
Scotts Drop type	3 mph	Overlap wheels	X	X	X	X
Gandy (30")	3 mph	Overlap wheels	X	X	X	X
Scotts Rotaries R-7*, R7X* R-8, R-8A (cone 9)		9 ft.	X	X	X	X
		9 ft.	X	X	X	X
Lely models (see below)	4.5 mph	18 ft.	X	X	X	X
Vicon (model 02)	4.5 mph	18 ft.	X	X	X	X
Vicon (model 03)	4.5 mph	10 ft.	X	X	X	X
*Use discharge hole cover #13030. For the R-7X model, use the adjustable pattern slide 1/4 closed. Lely models WTR, WFR, HR and 1250. PTO at 450 rpm.						

Note to EPA: spreaders and settings will vary due to market demand and availability

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**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. Where permissible, 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. 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.

Manufactured by:

The Andersons Lawn Fertilizer Division, Inc. d/b/a Free Flow Fertilizer  
PO Box 119  
Maumee, OH 43537

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Date Printed	
Date Approved	
Supersedes	2/12/96
Label Changes	Amendment -first aid
Filename	9198-191
Label Code	RVamd051303

