

9198-215

7/31/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Debbie Ziehr  
The Andersons Lawn Fertilizer Division Inc  
PO Box 119  
Maumee OH 43537

JUL 31 2012

Subject Label Amendment -- Use Deletion  
The Andersons Fertilizer With 0.25% Paclobutrazol  
EPA Registration No 9198 215  
Decision No 389365  
Original Submission Date January 23 2008  
Resubmission Date August 17 2011

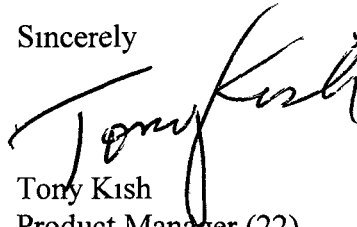
Dear Ms Ziehr

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

- 1 Pg 1 2 -- Reorder statements as shown per the Label Review Manual page 3 9
  - a Product Name
  - b Do not use on home/residential lawns
  - c Ingredient Statement
  - d Guaranteed Analysis
  - e KOOROC/Signal Word/Precautionary statements
  - f First Aid
  - g Net Contents
  - h PPE
  - i User Safety Box
  - j Environmental Hazards
  - k Marketing Statements
- 2 Pg 1 -- Adjust the size of the KOOROC statement and Signal Word according to page 3 11 of the Label Review Manual
- 3 Pg 1 -- Delete the following marketing statements as there are no use directions for the

release for shipment of the product constitutes acceptance of these conditions. If you have any questions please contact Dominic Schuler at (703) 347 0260 or via email at schuler.dominic@epa.gov

Sincerely

A handwritten signature in black ink that reads "Tony Kish". The signature is written in a cursive style with a large, sweeping initial "T".

Tony Kish  
Product Manager (22)  
Fungicides Branch  
Registration Division (7504P)

# THE ANDERSONS FERTILIZER WITH 0 25% PACLOBUTRAZOL

## Do not use on home / residential lawns

Suppresses *Poa annua* growth in bentgrass zoysiagrass Kentucky bluegrass perennial ryegrass and Kentucky bluegrass/perennial ryegrass fairways tees and roughs  
Encourages preferential and aggressive growth of bentgrass zoysiagrass Kentucky bluegrass and perennial ryegrass into adjacent *Poa annua* areas  
Extends color response through controlled release nitrogen feeding and growth modification  
Suppresses growth in woody ornamental plants and perennial ground covers  
Reduces trimming of ornamental plants  
Encourages compact growth forms in ornamental plantings

### ACTIVE INGREDIENT

Paclobutrazol\*

### OTHER INGREDIENTS

	0 25%
	<u>99 75%</u>
Total	100 00%

\*CAS # 76738 62 0

EPA Reg No 9198 215

EPA Est No 9198 OH 1M 9198 OH 2B 9198 AL 001A

Underlined letter is first letter used in run code on bag

US Pat Nos 3 705 794 and 3 989 470

Product of USA

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**JUL 3 1 2012**

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

9198-215

**Hazards to Humans and Domestic Animals** CAUTION Harmful if absorbed through skin  
Harmful if swallowed Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling Causes eye irritation Do not contaminate feed or foodstuffs Do not graze treated areas Do not feed clippings to livestock

<b>FIRST AID</b>	
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 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 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 chemical resistant gloves made of any waterproof material shoes plus socks

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

**Environmental Hazards** 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 apply to steep slopes near water or when weather conditions favor drift from target areas Do not contaminate water when disposing of equipment washwaters

Net Weight XX lbs (XXX kg)

#### Guaranteed Analysis

Total Nitrogen (N)	XX%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	XX%
Soluble Potash (K <sub>2</sub> O)	XX%

Plant nutrients derived from

*For products being sold into states with mandatory metals statements*

Information regarding the contents and levels of metals in this product is available on the internet at [http //www regulatory info ap com /](http://www.regulatory.info.ap.com/)

READ ALL DIRECTIONS PRIOR TO APPLICATION OF THE PRODUCT

### DIRECTIONS FOR USE

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

Recent research has shown that environmental buffers prevent pollutants from entering our natural water bodies To help protect these natural resources please avoid applying product to sidewalks driveways roadways and other impervious surfaces which are adjacent to storm drains Sweep any misplaced granules back onto the area you are treating immediately after application since storm drains often empty directly to nearby waterways

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

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### **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 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 12 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, chemical resistant gloves made of any waterproof material such as barrier laminate or butyl nitrile or neoprene rubber or polyethylene, and shoes plus socks.

### **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 spray has dried or dusts have settled.

### **POA ANNUA CONTROL IN TURFGRASS**

For suppression of *Poa annua* in bentgrass, zoysiagrass, Kentucky bluegrass, perennial ryegrass, and Kentucky bluegrass/perennial ryegrass fairways, tees, and roughs. Repeat applications in a programmed approach will result in the gradual elimination of *Poa annua* as a major component of the turfgrass stand. Once the desired level of *Poa annua* is obtained, annual applications and appropriate management practices will help prevent *Poa annua* from reestablishing as a major management problem.

#### **What to expect**

The growth and competitive ability of *Poa annua* will be reduced within 1-2 weeks of an application. The shoot and leaf tissue will become discolored (yellow to brown) for 3-8 weeks following the onset of growth regulation. Growth reduction of *Poa annua* will last for at least 3-8 weeks. During this period, growth of bentgrass, zoysiagrass, Kentucky bluegrass, and perennial ryegrass will be stimulated to crowd out the weakened *Poa annua*. Creeping bentgrasses will be more effective than Colonial bentgrass varieties in aggressively encroaching *Poa annua* areas.

The formation of *Poa annua* seedheads will not be prevented, but spring and previous fall applications will stunt the growth of the seedhead stalk. Applications made just prior to seedhead emergence will greatly reduce the visibility of seedheads for 3-5 weeks.

Regreening/regrowth of *Poa annua* will occur 4-8 weeks after application. Bentgrass, Kentucky bluegrass, and perennial ryegrass color will be enhanced for 6-12 weeks under non-stress conditions.

Stress conditions following application may result in temporary undesirable color changes of bentgrass and Kentucky bluegrass. Avoid these conditions by irrigating and applying at the recommended time.

Treatments will not have any detrimental effects on turfgrass root growth under normal growing conditions and when used as directed

The degree of *Poa annua* control will be influenced by turfgrass management practices climate soil type turf variety and *Poa annua* biotype

**Program scheduling**

Use any time when *Poa annua* is actively growing Avoid applications during stressful conditions since the extent of discoloration on *Poa annua* and other desirable grasses may be unacceptable

**Fairways and roughs** Repeat late summer/early fall followed by spring applications are recommended for gradual *Poa annua* control Avoid applications during stressful conditions

**Tees** Apply one or two weeks prior to *Poa annua* seedhead emergence to reduce seedhead visibility and encourage turf growth and coverage Repeat applications can be made under non stress conditions at least two weeks after *Poa annua* has recovered from any discoloration

For long term control in areas containing a high initial percentage of *Poa annua* contamination repeat applications over a 2 to 3 year period may be required before the desirable grasses predominate

Moderate soil moisture conditions should be present before and after applications to achieve the best regulating effect (see precautions concerning saturated soil conditions) For best results avoid applications during extreme soil temperature and moisture conditions

Spring applications should be delayed until any observable effects from preemergent control applications on bentgrass growth color and quality have subsided

Where large areas of the desirable turf have been thinned from winter damage disease or insects withhold application until desired fill in and rooting of the turf stand is achieved

When *Poa annua* populations have been reduced to the desired level annual late summer/early fall applications are recommended where continuous long term control is desired

**How to use**

Apply to dry foliage For best results water in (at least ¼ inch) within 48 hours after application

Adjust the application rate according to the percent of *Poa annua* contamination

<b><i>Poa annua</i> Contamination Level</b>	<b>Recommended Application Rate</b>
High (50-70%) <i>Poa annua</i> population density	LOW RATE – 3.5 lbs /1 000 sq ft for less overall discoloration of <i>Poa annua</i>
Low (less than 50%) <i>Poa annua</i> population density	MEDIUM RATE – 4.6 lbs /1 000 sq ft for quicker removal

**Additional Program Scheduling**

Overseeding is recommended to hasten conversion from *Poa annua* to the more desirable grasses To avoid stunting growth of the desirable seedlings allow at least 2 weeks following treatment before overseeding and in newly overseeded areas make treatments at least 6 weeks after overseeding

If crabgrass or other annual weeds have been a problem in the past an application of the appropriate preemergent control product should be made before using this product

If a weed disease or insect problem occurs after application apply a recommended control product in the same manner as is normally practiced since the use of this product is compatible with the existing control products

If Embark® is used for *Poa annua* seedhead control apply this product at least 14 days after Embark® use to avoid potential discoloration of bentgrass and Kentucky bluegrass

Avoid fall applications during onset of turfgrass dormancy to prevent fall and early spring discoloration of bentgrass and Kentucky bluegrass Subsequent renewed growth and spring mowings will eliminate this potential discoloration

Applications made in the fall after the desirable grasses have ceased growing may result in less color response and reduced or delayed activity in affecting *Poa annua* but will provide both a greening response on the desirable grasses as well as growth suppression of *Poa annua* the following spring

Collecting clippings and the use of lightweight equipment throughout the year will enhance the long term performance of treatments

\*Embark® is a registered trademark of PBI Gordon Corporation

#### **Precautions**

**Not** for use on athletic fields where excessive wear is expected

**Do not** apply to Kentucky bluegrass collars and other areas around greens where consistent turf height and color are desired

**Not** for use around shrubs fruit trees flowers or vegetable plants however applications to turf areas under the tree canopies will not affect or harm trees

**Do not** use during periods of extreme environmental stress such as heat drought or cold or during heavy insect or disease activity

Frequent irrigation after application throughout hot and dry weather conditions will help prevent potential discoloration of bentgrass and Kentucky bluegrass and ensure continued aggressive growth of the desirable grasses into *Poa annua* areas

Heavy rainfall or irrigation after application in areas where the soil is already saturated may cause the active ingredient to move laterally on steep slopes and collect in low areas These areas may undergo more severe growth control for a longer period of time To avoid this response **do not** apply when soil is already saturated

**Do not** use spreader settings other than those recommended Improper rates may cause undesirable turf growth control and areas may discolor temporarily

When large areas of the desirable turf have been thinned from winter damage disease or insects withhold application until desired fill in and rooting of the turf stand is achieved

Use in areas containing greater than 70% *Poa annua* will result in more widespread discoloration and may not appear acceptable to the user Use of other cultural techniques are encouraged to lower the percentage of *Poa annua* below the 70% level

#### **GROWTH REGULATION OF LAWN TURFGRASSES**

For growth regulation of well maintained lawn height commercial industrial and residential bluegrass and ryegrass turfgrass areas that are on regular fertilizer programs



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**What to Expect**

Applications made at the MEDIUM rate between March 1 and April 30 (Spring) or September 1 and October 31 (Fall) will result in reduced vertical growth, mowing frequencies and clipping yields of lawn-height bluegrass and ryegrass. *Poa annua* will be suppressed in treated turfgrass areas. Also realized will be improved and extended color and the overall improvement in turfgrass quality.

**Precautions**

Do not make more than 2 spring and 1 fall applications.  
Do not make applications to turf areas containing more than 50% *Poa annua*.  
Do not use during the recommended period if extreme environmental stresses such as heat, drought or cold or if heavy insect or disease pressures are present.

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

Spreader	Ground Speed	SPREADER SETTINGS							
		LOW RATE				HIGH RATE			
		Setting	Full Width of Coverage	Setting	Half Width of Coverage	Setting	Full Width of Coverage	Setting	Half Width of Coverage
	X mph	X	X ft.	X	X ft.	X	X ft.	X	X ft.
	X mph	X	X ft.	X	X ft.	X	X ft.	X	X ft.
	X mph	X	X ft.	X	X ft.	X	X ft.	X	X ft.
APPLICATION INFORMATION									
Lb. Paclobutrazol / A		0.38				0.5			
Lb. product / 1,000 sq. ft.		3.5				4.6			
Bags / acre		3.0				4.0			

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



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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. 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**

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

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Label Changes	Amendment – restrict res uses warranty
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