



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Dawn L. Walters  
The Anderson's Law Fert. Div. Inc.  
d/b/a Free Flow Fert.  
PO Box 119  
Maumee, OH 43537

FEB 5 2008

Subject: The Andersons 0.2% Granular Propiconazole  
EPA Registration No. 9198-219  
Your submission dated: 11/2/07  
Decision No. S819437

Dear Ms. Walters:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act is acceptable. A stamped copy of the label is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment.

If you have any questions, please contact Tracy Keigwin of my team by phone at (703) 305-6605 or via email at [keigwin.tracy@epa.gov](mailto:keigwin.tracy@epa.gov).

Sincerely,

Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505P)

Enclosure.

CONCURRENCES							
SYMBOL <	7505P						
SURNAME <	Tracy Keigwin						
DATE <	Feb 5, 2008						

# The Andersons 0.72% Granular Propiconazole

Fungicide  
Broad spectrum and systemic disease control and suppression for turf

<b>Active Ingredient:</b>	
Propiconazole* .....	0.72%
<b>Other Ingredients:</b> .....	<u>99.28%</u>
	Total: 100.00%

\*CAS No. 60207-90-1

EPA Reg. No. 9198-219  
EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A  
Underlined letter is first letter used in run code on bag

KEEP OUT OF REACH OF CHILDREN  
WARNING / AVISO  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight XX lbs.  
Treats XX,XXX sq. ft.

**ACCEPTED**  
2/5/2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 9198-219

# The Andersons 0.72% Granular Propiconazole

## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### Warning

Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield. Avoid contact with skin. Avoid breathing dust. Do not get into eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made from any waterproof material
- Shoes plus socks
- Goggles or face shield

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.

<p><b>User Safety Recommendations</b></p> <p>Users should:</p> <ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet</li> <li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> </ul>
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### 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. Do not contaminate water when disposing of equipment wash waters.

<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 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 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 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.
<p>Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.</p> <p>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.</p>	

## 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 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 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 from any waterproof material, shoes plus socks, protective eyewear.

### 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 enter treatment areas until dust has settled.

### Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Nonrefillable container. Do not reuse or refill this container.

**PESTICIDE STORAGE:** Store in a clean, dry secure place. Reseal opened bag by folding top down and securing.

**PESTICIDE DISPOSAL:** Pesticide wastes may be acutely hazardous. Improper disposal is a violation of Federal law. Pesticide, mixtures, or equipment rinse water that cannot be chemically reprocessed must be disposed of according to applicable Federal, state or local procedures. Contact your state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA Regional Office for guidance.

**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.

**General Information**

This product is a systemic fungicide for use on turfgrasses for the control and suppression of:

Dollar spot	<i>Sclerotinia homoeocarpa</i>	Spring dead spot	<i>Leptosphaeria korrae</i> , <i>leptosphaeria narmari</i> , <i>Ophiosphaerelia herpotricha</i> , <i>Gaeumannomyces graminis</i>
Brown patch	<i>Rhizoctonia solani</i>	Take-all patch	<i>Gaeumannomyces graminis</i>
Anthracnose	<i>Colletotrichum graminicola</i>	Leafspot	<i>Biopolaris spp.</i> , <i>Drechslera spp.</i>
Red thread	<i>Laetisaria fuciformis</i>	Gray leafspot	<i>Pyricularia grisea</i>
Pink patch	<i>Limonomyces roseipellis</i>	Pink snowmold	<i>Microdochium nivale</i>
Rust	<i>Puccinia graminis</i>	Fusarium patch	<i>Microdochium nivale</i>
Powdery mildew	<i>Erysiphe graminis</i>	Gray snowmold	<i>Typhula spp.</i>
Stripe smut	<i>Ustilago striiformis and</i> <i>Urocystis agropyri</i>	Yellow patch	<i>Rhizoctonia cerealis</i>
Summer patch	<i>Magnaporthe poae</i>	Zoysia patch	<i>Rhizoctonia solani</i>
Necrotic ring spot	<i>Leptosphaeria korrae</i>		

Do not apply this product through any type of irrigation system.

Use this product in a preventative disease control program. Properly calibrate the spreader to ensure thorough coverage. Apply after mowing. For control of foliar diseases, apply to wet/moist foliage. For control of soil-borne diseases, this product can be watered in after application. Under conditions optimum for high disease pressure, use the higher rate and the shorter interval. For optimum turf quality and disease control, use this product in conjunction with turf management practices that promote good plant health and optimum disease control. Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.

Do not apply more than 20 lbs. product/1,000 sq. ft./calendar year.

Important: Bermudagrass can be sensitive to this product. Do not exceed 5 lbs./1,000 sq. ft. every 30 days on any variety of bermudagrass. In Florida, do not apply this product to bermudagrass golf greens when temperatures exceed 90°F.

Note: Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.

**Turfgrass – Specific Diseases, Rates, and Application Timing**

Disease	Lbs. product per 1,000 sq. ft.	Lbs. product per Acre	Application Timing / Interval	Instructions
<b>Dollar spot</b> <i>Sclerotinia homoeocarpa</i>	2.5	109	14-28 days	Make no more than 3 consecutive applications for dollar spot before rotating to an alternative EPA-registered fungicide having a different mode of action.
<b>Anthracnose</b> <i>Colletotrichum graminicola</i>	2.5	109	14-28 days	Apply when conditions are favorable for disease development. When disease pressure is high, use shorter intervals.
<b>Brown patch</b> <i>Rhizoctonia solani</i>	2.5	109	14-21 days	Begin applications in May or June before disease is present. Under conditions of high temperatures and high humidity, use this product at shorter intervals.
<b>Powdery mildew</b> <i>Erysiphe graminis</i> <b>Rust</b> <i>Puccinia graminis</i>	2.5	109	14-28 days	Apply when conditions are favorable for disease development.
<b>Red thread</b> <i>Laetisaria fuciformis</i> <b>Pink patch</b> <i>Limonomyces roseipellis</i>	2.5	109	14-21 days	Apply when conditions are favorable for disease development.
<b>Stripe smut</b> <i>Ustilago striiformis</i> <i>Urocystis agropyri</i>	2.5	109	Fall or Spring	Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow.
<b>Gray leafspot</b> <i>Pyricularia grisea</i>	2.5	109	14 days	Apply when conditions are favorable for disease development.
<b>Melting Out</b> <b>Leafspot</b> <i>Biopolaris spp.</i> , <i>Drechslera spp.</i>	2.5	109	14 days	Under light to moderate pressure, apply this product to reduce the severity of leaf spot and melting out caused by Helminthosporium-type pathogens.
<b>Summer patch</b> <b>Poa Patch</b> <i>Magnaporthe poae</i>	2.5	109	14 days	Apply this product beginning in April. Use the 5 lb./1,000 sq. ft. rate on a 28 day schedule and the 2.5 lb. /1,000 sq. ft. rate on a 14 day schedule.
	5	218	28 days	
<b>Take-all patch</b> <i>Gaeumannomyces graminis</i>	2.5-5	109-218	Spring and Fall	Apply this product to reduce the severity of take-all patch. Make 1-2 fall applications in September and October or when night temperatures drop to 55°F and 1-2 spring applications in April and May, depending on local recommendations.
<b>Spring dead spot</b> <i>Leptosphaeria korrae</i> , <i>leptosphaeria narnari</i> , <i>Ophiosphaerelia herpotricha</i> , <i>Gaeumannomyces graminis</i>	5	218	30 days	Make 1-3 applications. For one application, apply in September or October. For multiple applications, begin applications in August.
<b>Necrotic ring spot</b> <i>Leptosphaeria korrae</i>	5	218	Fall or Spring	Apply in the fall and/or the early spring depending on local recommendations.

Disease	Lbs. product per 1,000 sq. ft.	Lbs. product per Acre	Application Timing / Interval	Instructions
<b>Snowmold</b>  Gray <i>Typhula spp.</i> Pink <i>Microdochium nivale</i>	2.5-5	109-218	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. For optimum disease control, the 2.5 and 3.75 lb. rates should be used in conjunction with either PCNB or chlorothalonil at label rates.
<b>Fusarium patch</b> <i>Microdochium nivale</i>	2.5-5	109-218	Fall-Early Spring	Apply when conditions are favorable for disease development.
<b>Yellow patch</b> <i>Rhizoctonia cerealis</i>	3.75-5	163-218	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. If using a 3.75 lb. /1,000 sq. ft. rate, use in conjunction a registered contact fungicide at the label rate.
<b>Zoysia patch,</b> Large patch of zoysia <i>Rhizoctonia solani</i>	3.75-5	163-218	Early Fall	Make one application in the early fall (mid-September to mid-October) prior to development of disease symptoms. Consult local turfgrass extension experts to determine the optimum application timing in your area.

**Dichondra – Specific Diseases, Rates, and Application Timing**

Disease	Lbs. product per 1,000 sq. ft.	Lbs. product per Acre	Application Timing / Interval	Instructions
<b>Dichondra Rust</b> <i>Puccinia dichondrae</i>	2.5	109	14-21 days	Apply when conditions are favorable for disease development.

**Suggested Spreader Settings**

These suggested spreader settings are not intended to replace calibration.  
Please calibrate your spreader before applying product.  
XX lbs. treats X,XXX sq. ft. at the 109 lbs./acre rate (2.50#/1,000 sq. ft.)  
XX lbs. treats X,XXX sq. ft. at the 163 lbs./acre rate (3.75#/1,000 sq. ft.)  
XX lbs. treats X,XXX sq. ft. at the 218 lbs./acre rate (5.00#/1,000 sq. ft.)

SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE Per 1,000 sq. ft.		
			2.50# (0.78 lbs. ai/acre)	3.75# (1.17 lbs. ai/acre)	5.00# (1.57 lbs. ai/acre)
Andersons AccuPro/SR-2000 (cone X)	X mph	XX ft	X	X	X
Andersons SS-R Drop	X mph	XX ft.	X	X	X
Scotts R-8A (cone X)	X mph	XX ft	X	X	X
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm), Pattern III-A	X mph	XX ft	X	X	X
Vicon (03 Series)	X mph	XX ft	X	X	X

Note to EPA: actual spreader models may vary depending on market demand and availability

**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. (RVnot120706)

**Manufactured by:**

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

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