

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Avc., NW Washington, D.C. 20460 EPA Registration. Number:

Date of Issuance:

9198-218

AUG I

2009

NOTICE OF PESTICIDE:

Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product: The Andersons 0.51% Granular

Propiconazole

Name and Address of Registrant (include ZIP Code):

The Andersons Lawn Fertilizer Division

PO Box 119,

Maumée, OH 43537

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3 (c) (7) (A) provided that you:

- 1. Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 2. Make the following label changes:
- a. Page 1 Change the EPA Registration Number to 9198-218.
- b. Page 1 Ingredient Statement: Move the CAS number for the active ingredient to the line below "Other Ingredients" and refer it to the active ingredient name by means of an asterisk "Propiconazole *)

(Continued)

Signature of Approving Official:

Date:

Mary Waller, Product Manager 21

Mary J. Waller

Fungicide Branch

Registration Division (7505P)

8/1/2006

EPA Form 8570-6

Continued from first page

EPA Registration. Number 9198-218 PRIA Decision 333621

- 2. Label changes continued:
- c. Page 1 Change "See back panel for additional precautionry statements" to "See back panel for additional precautionary statements"
- d. Page 2 Precautionary statements: Change "Harmful if swallowed, absorbed thorough skin..." to "Harmful if swallowed, absorbed through skin..."
- e. Page 2 Precautionary statements: Move "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals." so that it follows the sentence "Harmful if swallowed, absorbed through skin or inhaled."
- f. Page 2 Personal Protective Equipment: Change "Protective eyewear" to "Goggles or face shield."
- Page 2 First Aid: It is suggested that the First Aid statements be placed in a box.
- h. Page 2 Move the Environmental Hazards section so that it follows the User Safety Recommendations box.
- i. Page 3 Non Agricultural Use Requirements box: Change the final sentence to "Do not enter treatment areas until dust has settled."
- j. Page 3 Storage and Disposal Change the Pesticide Disposal text to: "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.
- k. Page 4 Turf and Dichondra Disease Control Change the bullet "Do not apply more than 20 lbs./1,000 sq. ft./calendar year." to "Do not apply more than 20 lbs. product/1,000 sq. ft./calendar year."
- 1. Pages 5 and 6 Application table in the column headings, change "Lbs. per 1,000 sq. ft." to "Lbs. product per 1,000 sq. ft." and change "Lbs. per Acre" to "Lbs. product per Acre".
- m. Page 7 Warranty Disclaimer and Limitation of Liability:

Change the sentence: "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." to "To the extent allowed by state 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."

Change the sentence: "Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. " to "To the extent allowed by state law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS."

- 3. Provide the following studies and samples as conditions of registration:
 a. OPPTS number 830.6316 storage stability due November 1, 2007
- b. OPPTS number 830.6320 corrosion characteristics due November 1, 2007
- 4. Submit one (1) copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(c). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions, contact Lisa Jones of my staff at (703) 308-9424 or at jones.lisa@epa.gov.

Sincerely,

Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7505C)

Mary J. Waller

Enclosures: Stamped copy of label

1441.

July 28, 2006 Occupational and Residential Exposure Assessment to Support a

Section 3 Request for Use of a Granular Formulation on Turf.

The Andersons 0.51% Granular Propiconazole

Fungicide

Broad spectrum and systemic disease control for turf

Active Ingredient:

Propiconazole (CAS No. 60207-90-1) 0.51%

Other ingredients: 99.49%

Total: 100.00%

EPA Reg. No. 9198-XXX EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A, 9198-PA-001P 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 detaile. (If you do not understand the label, find someone to explain it to you in detail.)

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONRY STATEMENTS

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

ACCEPTED
with COMMENTS
In EPA Letter Dated

Under the Pederal Insecticide, Fundician, and Redesticide Act as amended, for the posticide registered under EPA Reg. No.

9198-218

The Andersons 0.51% Granular Propiconazole

Precautionary Statements

Hazards to Humans and Domestic Animals

Warning

Causes substantial but temporary eye injury. Harmful if swallowed, absorbed thorough skin or inhaled. Wear googles 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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
- Protective evewear

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.

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.

FIRST AID

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.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

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.

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.

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 spray has dried or dusts have settled.

Storage and Disposal

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

PESTICIDE STORAGE: Store in a clean, dry secure 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 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.

General Information

This products is a systemic fungicide for use on turfgrasses for the control:

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

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

Turfgrass and Dichondra Disease Control

- Use this product in a preventative disease control program.
- Properly calibrate 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 28 lbs./1,000 sq. ft./calendar year.

Important: Bermudagrass can be sensitive to this product. Do not exceed 7 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. per 1,000 sq. ft.		Application Timing / Interval	Instructions			
Dollar spot Scierotinia homoeocarpa	2.00	88	21-28 days	Use in conjunction with low label rate of one of the following fungicides: chlorothalonil or iprodione.			
•	2.00- 3.50	88- 154	14-28 days	If using the 2.00 – 3.50 lbs. /1,000 sq. ft. rate, make no more than 3 consecutive applications for dollar spot before rotating to an alternative EPA-registered fungicide having a different mode of action			
Anthracnose Colletotrichum graminicola	Apply when conditions are favorable for disease development. When disease pressure is high, use higher rates of this product and shorter intervals. For broad spectrum control, use in conjunction with a registered contact fungicide at the label rate. If disease is present, use 3.50 lb. of this product per 1,000 sq. ft. in conjunction with the label rate of the above mentioned contact fungicides.						
Brown patch Rhizoctonia solani	2.00- 3.50	88- 154	14-21 days	Begin applications in May or June before disease is present. Use in conjunction with a registered contact fungicide labeled for brown patch control at the label rate. Under conditions of high temperatures and high humidity, use the higher rates of this product and shorter intervals.			
Powdery mildew Erysiphe graminis Rust Puccinia graminis	2.00- 3.50	88- 154	14-28 days	Apply when conditions are favorable for disease development. If disease is present, use 3.50 lb. of this product per 1,000 sq. ft.			
Red thread Laetisaria fuciformis Pink patch Limonomyces roseipellis	3.50	154	14-21 days	Apply when conditions are favorable for disease development.			
Stripe smut Ustilago striiformis Urocystis agropyri	2.00- 3.50	88- 154	Fall or Spring	Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow.			
Gray leafspot Pyricularia grisea	2.00- 3.50	88- 154	14 days	Apply when conditions are favorable for disease development. If using the 2.00 lb. /1,000 sq. ft. rate, use in conjunction with a registered contact fungicide at the label rate.			
Melting Out Leafspot Biopolaris spp., Drochslera spp.	2.00- 3.50	88- 154	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. For broad spectrum disease control, use the 2.00 lb. of this product rate with a registered contact fungicide at the label rate.			
Summer patch Poa Patch	3.50	154	14 days	Apply this product beginning in April. Use the 7.00 lb. /1,000 sq. ft. rate on a 28 day schedule			
Magnaporthe poae	7.00	350	28 days	and the 3.50 lb. /1,000 sq. ft. rate on a 14 day schedule.			

Disease	Lbs. per 1,000 sq. ft.	Lbs. per Acre	Application Timing / Interval	Instructions				
Take-all patch Gaeumannomyces graminis	3.50- 7.00 154- 308		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.				
Spring dead spot Leptosphaeria korrae, leptosphaeria narmari, Ophiosphaerelia herpotricha, Gacumannomyces graminis	7.00	308	30 days	Make 1-3 applications. For one application, apply in September or October. For multiple applications, being applications in August.				
Necrotic ring spot Leptosphacria korrae	7.00	308	Fall or Spring	Apply in the fall and/or the early spring depending on local recommendations.				
Snowmold Gray Typhula spp. Pink Microdochium nivale	3.50- 7.00	154- 308	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. For optimum disease control, the 3.50 and 7.50 lb. rates should be used in conjunction with either PCNB or chlorothalonil at label rates.				
Fusarium patch Fusarium nivale	3.50- 7.00	154- 308	Fall-Early Spring	Apply when conditions are favorable for disease development.				
Yellow patch Rhizoctonia cerealis	5.25- 7.00	231- 308	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. If using a 5.25 lb. /1,000 sq. ft. rate, use in conjunction with a registered contact fungicide at the label rate.				
Zoysia patch, Large patch of zoysia Rhizoctonia solani	5.25- 7.00	231- 308	Early Fall	Make one application in the early fall (mid- September to mid-October) prior to development of disease symptoms. Consult local turigrass extension experts to determine the optimum application timing in your area.				

Dichondra - Specific Diseases, Rates, and Application Timing

Disease	Lbs. per 1,000 sq. ft.	Lbs. per Acre	Application Timing / Interval	Instructions
Dichondra Rust Puccinia dichondrae	3,50	154	14-21 days	Apply when conditions are favorable for disease development.

Establishment of Cool Season Turigrass

This product provides control of many diseases of turf, and its primary use is as a fungicide for use against the diseases listed on this table. As an additional benefit, this product will improve the rate of establishment when it is applied to cool season grass seedlings or sod.

New Seedlings: Apply 2.00 lb. /1,000 sq. ft. at the 2 to 3-leaf stage of growth for faster root development.

Sod: Apply 2.00 lb. /1,000 sq. ft. 2-6 weeks before cutting for increased sod knitting and faster establishment after laying.

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 2.00#/1,000 sq. ft. rate XX lbs. treats X,XXX sq. ft. at the 3.50#/1,000 sq. ft. rate

XX lbs. treats X,XXX sq. ft, at the 5.25#/1,000 sq. ft. rate

the treats X XXX so ft at the 7 00#/1 000 so ft rate

SPREADER	GROUND OR	WIDTH OF	RECOMMENDED RATE Per 1,000 sg. ft.				
	PTO SPEED	COVERAGE	2.00#	3.50#	5.25#	7.00#	
The Andersons Rotaries: AccuPro/SR-2000 (cone X)	X mph	XX ft/	Х	X	X	X	
Scotts Rotaries** R-8, R-8A (cone X)	X mph	XX ft	х	X	X	х	
Lely Models WTR, WFT, HR 1250 (PTO at 450 rpm)	X mph	XX ft	X	x	X	Х	

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:

To the extent consistent with applicable law, 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

www.andersonsgollproducts.com

Date Printed	7/17/06			• .	
Date Approved					
Supersedes	New	, ,	 		
Label Changes	Per LJ 071406 email				
Filename	0.51 propiconazole		 	1	
Label Code					