

# **The Andersons 0.72% Prophecy on DGPro Fungicide**

Granular

Broad spectrum and systemic disease control or suppression for golf course turf

COMMERCIAL

CAUTION POISON

EYE AND SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER

GUARANTEE: propiconazole.....0.72%

REGISTRATION NUMBER 29951 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

Net Contents: 6.80kg to 22.7kg

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## **The Andersons 0.72% Prophecy on DGPro Fungicide**

### **PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN.**

**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. Avoid inhaling dust. May irritate eyes and skin. Avoid contact with eyes and skin. Potential skin sensitizer.

- Wear goggles or face shield, long pants, a long sleeve shirt, shoes and socks and chemical-resistant gloves during mixing/loading, application, clean-up and repair activities.
- For commercial turf farm workers handling greater than 10,834kg of The Andersons 0.72% Prophecy on DGPro Fungicide per day: wear the above protective equipment in addition to coveralls during mixing/loading, application, clean-up and repair activities.

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. 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, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Do not enter or allow worker entry to transplant treated turf during the restricted-entry interval (REI) of 3 days. For all other activities, do not enter or allow worker entry into treated areas until residues have dried.

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

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

### **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.

Toxic to birds. Treated granules are toxic to birds.

Toxic to aquatic organisms and non-target terrestrial plants.

Water sufficiently after application.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

Toxic to certain beneficial insects.

<b>FIRST AID</b>	
If swallowed	Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre 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 centre 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
If in eyes	Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.	

**TOXICOLOGICAL INFORMATION**

Treat symptomatically.

Note to physician: If ingested, induce emesis or lavage stomach.

**STORAGE**

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

To prevent contamination store this product away from food or feed.

**DISPOSAL**

Completely empty bag into application equipment. Make the empty bag unsuitable for further use. Dispose of the bag in accordance with provincial requirements. For information on disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean up of spills. Do not contaminate water, food, or feed by storage or disposal.

**For recyclable container for commercial use**

**DO NOT** reuse this container for any other purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Dispose of the rinsings in accordance with provincial requirements.
2. Make empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with the provincial requirements.

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer or the provincial regulatory agency.

**For returnable containers commercial use**

**DO NOT** reuse this container for any other purpose. This empty container may be returned to the point of purchase (distributor/dealer) for disposal.

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer or provincial regulatory agency.

**NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## DIRECTIONS FOR USE

### General Information

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

Dollar spot	<i>Sclerotinia homoeocarpa</i>
Brown patch	<i>Rhizoctonia solani</i>
Gray snowmold	<i>Typhula incarnata, T. ishkariensis</i>
Anthracnose	<i>Colletotrichum graminicola</i>
Red Thread	<i>Laetisaria fuciformis</i>
Leaf Spot and Melting Out	<i>Biopolaris spp., Drechslera spp.</i>
Summer Patch	<i>Magnaporthe poae</i>
Pink Snow Mold	<i>Microdochium nivale</i>
Fusarium patch	<i>Microdochium nivale</i>
Yellow patch	<i>Rhizoctonia cerealis</i>

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

- 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 9.76 kilograms product/100 sq. metres/calendar year.
- This product is not to be used around homes or other residential areas such as parks, school grounds and playing fields. It is not for use by homeowners or other unlicensed users.
- Water sufficiently (5 – 10mm) within 24 hours after application
- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

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

Disease	Kg product per 100 m <sup>2</sup>	Kg product per hectare	Application Timing/ Interval	Instructions
<b>Dollar spot</b> <i>Sclerotinia homeocarpa</i>	0.56-1.10	56-110	14-28 days	Apply when conditions are conducive to dollar spot development. Rotate with fungicides with a different mode of action labeled for the same use. Do not apply more than 6 applications per season.
<b>Brown patch</b> <i>Rhizoctonia solani</i>	1.10-2.23	110-223	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. Do not apply more than 6 applications per season.
<b>Pink and Gray Snowmold</b> <i>Typhula incarnata</i> , <i>T. ishikariensis</i>	4.46	446	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow.
<b>Anthracnose</b> <i>Colletotrichum graminicola</i>	0.56-1.10	56-110	21 days	Apply when warm, humid weather conditions occur. Areas of compaction, poor soil drainage, excess thatch, or with large amounts of <i>Poa annua</i> favour the development of anthracnose. Do not apply more than 3 applications per season.
<b>Red Thread</b> <i>Laetisaria fuciformis</i>	1.10	110	14 days	Apply when cool, wet conditions occur. Prolonged periods of moisture (or) saturated air favour the development of red thread. Do not apply more than 3 applications per season.
<b>Leaf Spot and Melting Out</b> <i>Biopolaris spp.</i> , <i>Drechslera spp.</i>	1.10-2.23	110-223	14 days	Under light to moderate disease pressure, apply product to reduce the severity of leaf spot and melting out caused by <i>Drechslera spp.</i> ( <i>Helminthosporium</i> ) pathogens. Do not apply more than 3 applications per season.
<b>Summer Patch</b> <i>Magnaporthe poae</i>	2.23	223	30 days	Apply on a preventative basis. The first application should be when the soil temperature is greater than 16°C at a depth of 5cm for 4 consecutive days with a second application 30 days later. A third application may be required if hot, humid weather occurs. Apply in 13-21 L of water per 100 m <sup>2</sup> .
<b>Fusarium Patch</b> <i>Microdochium nivale</i>	1.10-2.23	110-223	30 days	Apply in the fall or early spring during cool, wet conditions. Use the high rate only under high disease pressure. Do not apply more than 2 applications per season.
<b>Yellow Patch</b> <i>Rhizoctonia cerealis</i>	1.67-2.23	167-223	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow.

<b>Suggested Spreader Settings</b>						
<p>These suggested spreader settings are not intended to replace calibration.  Please calibrate your spreader before applying product.  18 kg treats 1,639 sq. metres at the 1.10 kg/100 sq. metres rate  18 kg treats 1,085 sq. metres at the 1.67 kg/1,000 sq. metres rate  18 kg Treats 802 sq. metres at the 2.23 kg/1,000 sq. metres rate  18 kg Treats 403 sq. metres at the 4.46 kg/1,000 sq. metres rate</p>						
SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	RECOMMENDED RATE KG Per 100 sq. metres			
			1.10	1.67	2.23	4.46
ANDEpro 2000; Model 2000/ AccuPro 2000 (cone 9), 2000SR/SR- 2000 (cone 9)	4.8 km/h	2.7 metres	I 3/4	K	L	O
SS-D/SS-2 Drop	4.8 km/h	overlap wheels	3 3/4	4	4 1/2	7

### Resistance-Management Recommendations

For resistance management, please note that The Andersons 0.72% Prophecy on DGPro Fungicide contains a group 3 fungicide. Any fungal population may contain individuals naturally resistant to Andersons 0.72% Prophecy on DGPro Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

### To delay fungicide resistance:

- Where possible, rotate the use of The Andersons 0.72% Prophecy on DGPro Fungicide or other Group 3 fungicides with different groups that control the same pathogens.
- Avoid application of more than three consecutive applications of The Andersons 0.72% Prophecy on DGPro Fungicide or other fungicides in the same group in a season.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact **The Andersons, Inc.** at 419-891-5050 or at [www.andersonsplantnutrient.com](http://www.andersonsplantnutrient.com).

