

# 5% Daconil Fungicide



## FEATURES & USE TIPS:

- For control of Melting Out, Leaf Spot, Brown Patch, Dollar Spot, and certain other lawn diseases as listed on label.
- Broad spectrum fungicide - containing chlorothalonil.
- Multi - site mode of action
- For use on golf course greens, tees, fairways and other turf types. Use of this product on home lawns is prohibited.

## PRODUCT CODE:

**AGCFDC2.2**

Date: 061207  
Supersedes: 000000

## PRODUCT CHARACTERISTICS:

**Product Type:**  
Granular Fungicide

**SGN:**  
125

**Net Weight:**  
25 Lbs.

**Coverage:**  
6,500 Sq Ft  
@ Medium Rate

## PRODUCT SPECIFICATIONS:

**Active Ingredient:** Chlorothalonil (5.0%)

Andersons Golf Products is a trademark of The Andersons, Inc.

*Following is a specimen label that may at some point be revised or otherwise become out of date. It is intended as a guide in providing general information regarding the use of this product. Always read and follow the label on the product container.*

*To order, contact your local Andersons Golf Products distributor.*

*For more information, contact Andersons at our website: [www.andersonsgolfproducts.com](http://www.andersonsgolfproducts.com) or call 1-800-225-2639*



**Andersons**  
GOLF PRODUCTS®

# 5% Daconil® Fungicide

- For control of Melting Out, Leaf Spot, Brown Patch and certain other lawn diseases.
- Daconil is a multiple site (MS) fungicide that controls the disease by attacking several different vital systems of the fungus.

**Not for Use on Home Lawns**

**ACTIVE INGREDIENT:**

Chlorothalonil (Tetrachlorosophthalonitrile) ..... 5.0%

**OTHER INGREDIENTS:** ..... 95.0%

Total ..... 100.0%

Covered under U.S. Patent No. 3,290,353

EPA Reg. No. 9198-115

EPA Est. No. 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**

**DANGER/Peligro**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

See Back Panel for First Aid Statements

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get into eyes or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses). Wear long-sleeved shirt and long pants, socks and shoes, and chemical resistant gloves such as or made out of any waterproof material. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Note to User:** This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician.

**Personal Protective Equipment (PPE)**

Loaders, applicators and all other handlers must wear:

- Long-sleeved shirts and long pants,
- Shoes and socks,
- And chemical resistant gloves made of any waterproof materials and
- Goggles, face shield or safety glasses.

When mixing/loading or applying this product via tractor-drawn spreader, wear a NIOSH approved dust mist respirator.

**User Safety Requirements:** 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.

Users should 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.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove contaminated clothing and wash clothing before reuse.

Daconil is a registered trademark of Syngenta Crop Protection

Visit our website: [AndersonsGolfProducts.com](http://AndersonsGolfProducts.com)

**Covers Up To 13,100 Square Feet**

**Net Wt. 25 Lbs. (11.34 kg)**

# Andersons Golf Products 5% Daconil® Fungicide

<b>FIRST AID</b>	
<b>If in eyes</b>	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.
<b>If on skin or clothing</b>	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.
<b>If swallowed</b>	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.
<b>If inhaled</b>	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 1-800-757-6951 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN:</b> Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids. Probable mucosal damage may contraindicate the use of gastric lavage. If persons should have product in eyes, irrigation should be continued until the eye is neutral on pH testing with universal indicator paper. Medical attention is required to determine the extent of any eye-related damage. Topical antibiotic ointments are generally indicated when eye damage is identified. Use of steroid eye drops is not advocated unless expressly requested by an ophthalmologist.	

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface water.

Diseases Controlled	Application Interval (days) <sup>a</sup>	Pre-Disease Rates <sup>a</sup>			Post-Disease Rates <sup>a</sup>		
		lbs. product/1,000 sq. ft.	lbs. product/acre	lbs. ai/acre	lbs. product/1,000 sq. ft.	lbs. product/acre	lbs. ai/acre
Dollar Spot <i>Sclerotinia homeocarpa</i> Lanzzia or Moellerodiscus spp.	7 to 10 7 to 21 14	1.0 <sup>b</sup> to 1.9 1.9 to 3.35 N/A	42 <sup>b</sup> to 82 82 to 146 N/A	2.1 <sup>b</sup> to 4.1 4.1 to 7.3 N/A	N/A N/A 3.8 to 5.2	N/A N/A 165 to 226	N/A N/A 8.25 to 11.3
Leafspot Melting-out Brown Blight <i>Drechslera</i> spp. (including <i>D. poae</i> , <i>D. siccaris</i> ), <i>Bipolaris sorokiniana</i> , <i>Curvularia</i> spp.	7 to 10 7 to 21 14	1.9 1.9 to 3.35 N/A	82 82 to 146 N/A	4.1 4.1 to 7.3 N/A	N/A N/A 3.8 to 5.2	N/A N/A 165 to 226	N/A N/A 8.25 to 11.3
Brown patch <i>Rhizoctonia solani</i> , <i>R. zeae</i> , <i>R. cerealis</i>	7 to 14 14	1.9 to 3.35 N/A	82 to 146 N/A	4.1 to 7.3 N/A	N/A 3.8 to 5.2	N/A 165 to 226	N/A 8.25 to 11.3
Gray Leafspot <i>Pyricularia grisea</i> , <i>P. oryzae</i>	7 to 10 14	1.9 to 3.35 N/A	82 to 146 N/A	4.1 to 7.3 N/A	N/A 3.8 to 5.2	N/A 165 to 226	N/A 8.25 to 11.3
Red Thread <i>Laelaria laetiformis</i>	7 to 10 14	1.9 to 3.36 3.4 to 5.2	82 to 146 148 to 226	4.1 to 7.3 7.4 to 11.3	N/A 5.2	N/A 226	N/A 11.3
Anthraxose <i>Colletotrichum graminicola</i>	7 to 14 14	2.8 to 3.35 3.4 to 5.2	124 to 146 148 to 226	6.2 to 7.3 7.4 to 11.3	N/A N/A	N/A N/A	N/A N/A
Copper Spot <i>Gloeosporium sorghii</i>	14	3.8 to 5.2	165 to 226	8.25 to 11.3	5.2	226	11.3
Stem Rust (Bluegrass) <i>Puccinia graminis</i>	14	3.8 to 5.2	165 to 226	8.25 to 11.3	5.2	226	11.3
DICHONDRA: Leafspot (CA only) <i>Alternaria</i> spp.	14	3.8 to 5.2	165 to 226	8.25 to 11.3	5.2	226	11.3
Gray Snow Mold <sup>c</sup> <i>Typhula</i> spp.	30	5.2	226	11.3	N/A	N/A	N/A
Fusarium Patch <sup>c</sup> <i>Microdochium nivale</i>	21 to 28	5.2	226	11.3	N/A	N/A	N/A
Algae <sup>c</sup>	7 to 14 14	1.9 to 3.35 N/A	82 to 146 N/A	4.1 to 7.3 N/A	N/A N/A	N/A N/A	N/A N/A

For each application interval use appropriate application rate.

<sup>a</sup>Refer to Use Sites and Maximum Application Rates above for maximum application rates and re-treatment intervals

<sup>b</sup>Low rate is not effective on intensively mowed turf grasses such as golf course tees and green

<sup>c</sup>See specific use directions below

N/A= not applicable

# Andersons Golf Products 5% Daconil® Fungicide

## DIRECTIONS FOR USE

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

A broad spectrum fungicide for control of the following diseases: Brown Patch, Dollar Spot, Copper Spot, Gray Leaf Spot, Stem Rust or Bluegrass, Helminthosporium, Curvularia, Leaf Spot, Melting out, Brown Blight, Red Thread, Anthracnose, Gray Snow Mold, Fusarium Patch and Algae.

Daconil is a multiple site (MS) fungicide that controls the disease by attacking several different vital systems of the fungus. Despite several decades of ongoing usage, there have been no demonstrations of pathogen resistance to Daconil.

## GENERAL PRECAUTIONS AND RESTRICTIONS

Not for use on plants being grown for sale or other commercial use as seed, or for commercial seed production, or for research purposes. Do not apply this product in a way that will contact workers or other persons, or pets, either directly or through drift. Only protected handlers may be in the area during application.

## Entry Restrictions

Do not enter or allow others to enter the treated area until dusts have settled.

## TURFGRASS APPLICATIONS

For use on turf applications such as golf course greens, tees, and fairways, athletic fields, cemeteries, parks, and commercial turf. Use of this product on home lawns is prohibited.

## Use Sites and Maximum Application Rates

**Golf Course Greens:** Do not apply more than 33.5 lbs. of product per 1,000 sq. ft. (7.3 lbs. ai/A) per growing season. The minimum re-treatment interval for single application rates up to 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 7 days and the minimum re-treatment interval for single application rates greater than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 14 days. Do not apply more than 2 applications of a rate higher than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) per growing season.

**Golf Course Tees:** Do not apply more than 23.9 lbs. of product per 1,000 sq. ft. (5.2 lbs. ai/A) per growing season. The minimum re-treatment interval for single application rates up to 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 7 days and the minimum re-treatment interval for single application rates greater than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 14 days. Do not apply more than 2 applications of a rate higher than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) per growing season.

**Golf Course Fairways:** Do not apply more than 11.9 lbs. of product per 1,000 sq. ft. (2.6 lbs. ai/A) per growing season. The minimum re-treatment interval for single application rates up to 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 7 days and the minimum re-treatment interval for single application rates greater than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) is 14 days. Do not apply more than 1 application of a rate higher than 3.35 lbs. per 1,000 sq. ft. (7.3 lbs. ai/A) per growing season.

**General Turf:** Do not apply more than 11.9 lbs. of product per 1,000 sq. ft. (2.6 lbs. ai/A) per growing season. The minimum re-treatment interval for single application rates up to 3.76 lbs. per 1,000 sq. ft. (8.2 lbs. ai/A) is 7 days and the minimum re-treatment interval for single application rates greater than 3.76 lbs. per 1,000 sq. ft. (8.2 lbs. ai/A) is 14 days. Do not apply more than 1 application of a rate higher than 3.76 lbs. per 1,000 sq. ft. (8.2 lbs. ai/A) per growing season.

**Gray snow mold caused by Typhula spp. - Apply one application of 5.2 lbs./1,000 sq. ft. (11.3 lbs. ai/A) of turf area.** Application must be made before snow cover in autumn. **Golf course tees and greens:** If snow cover is intermittent or lacking during the winter, a second application of this product at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) may be applied one month after the first application. **General turf:** If snow cover is intermittent or lacking during the winter, a second application of this product at 3.76 lbs. per 1,000 sq. ft. (8.2 lbs. ai/A) may be applied one month after the first application.

**Fusarium Patch -** In areas where pink snow mold (*Microbotryum nivale*) is likely to occur, apply at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) in combination with products containing protons such as Andersons Golf Products Fertilizer plus Fungicide VIII. Read and observe all label directions for products containing these active ingredients. For control of Fusarium patch only in areas where snow cover is intermittent or lacking during the winter, apply 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) of turf area. Make application in late autumn. **Golf course tees and greens:** Apply second application of this product at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) 21 to 28 days after the first application unless conditions favorable for Fusarium patch no longer prevail.

## Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader before applying product.

- 25 lbs. treats 13,100 sq. ft. (0.30 acre) at the 82 lbs. product/acre - LIGHT RATE (1.9 lbs./1,000 sq. ft.)
- 25 lbs. treats 7,300 sq. ft. (0.17 acre) at the 148 lbs. product/acre - LOW RATE (3.4 lbs./1,000 sq. ft.)
- 25 lbs. treats 6,500 sq. ft. (0.15 acre) at the 165 lbs. product/acre - MEDIUM RATE (3.8 lbs./1,000 sq. ft.)
- 25 lbs. treats 4,800 sq. ft. (0.11 acre) at the 226 lbs. product/acre - HIGH RATE (5.2 lbs./1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			HIGH RATE
			LIGHT RATE 4.1 lbs. ai/Acre	MEDIUM RATE 8.25 lbs. ai/Acre	LOW RATE 7.4 lbs. ai/Acre	
The Andersons AccuPro 1000	3 mph	6 feet	1 1/2	J 1/2	J 3/4	K 3/4
The Andersons AccuPro2000/ SR-2000 (Cone 6)	3 mph	6 feet	1 1/2	J 1/2	J 3/4	K 3/4
Andersons SS-2 Drop	3 m ph	overlap wheels	3 1/2	4 1/4	4 1/2	5
Scotts Rotaries R-8, R-8A (Cone 6)	3 mph	6 feet	H 1/4	I 1/4	I 3/4	K
LESCO Model 020093	3 mph	8 feet	E	F 1/4	G 1/2	H 3/4
Lely Models (Pattern II-C) WTR, WFR, HR, 1250 (PTO at 450 rpm)	4.5 mph	22 feet	3 3/4	4 1/2	4 3/4	5 1/4
Vicon (03 Series-Standard Spout)	4.5 mph	10 feet	18	22	24	29

**Important:** These settings are only approximate. Age and condition of spreader can cause wide variation. Be sure to calibrate your spreader with each application.

**Algae -** For prevention of algae on turf grasses, apply at the rate of 1.9 to 3.35 lbs. per 1,000 sq. ft. (4.1 to 7.3 lbs. ai/A) on a 7 to 14-day schedule. When algae is well established, every attempt should be made to dry out the afflicted area. Once dry, spiking or venturing should be done to enhance turf grass recovery in conjunction with an application of this product at the rate of 3.8 to 5.2 lbs. per 1,000 sq. ft. (8.2 to 11.3 lbs. ai/A). Following applications of 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) rate, several applications at a rate of 1.9 to 3.35 lbs. per 1,000 sq. ft. (4.1 to 7.3 lbs. ai/A) on a 7 to 14 day interval may be necessary for turf grass recovery. **Golf course tees and greens:** A second application at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. ai/A) may be made 14 days after the first application.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep container closed and away from food, feedstuffs, and domestic water supplies.

**PESTICIDE DISPOSAL:** Pesticides wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, 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 or local authorities, by burning. If burned, stay out of smoke.

## 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 TO STATE/JURISDICTION TO STATE/JURISDICTION. (R/rev012405)

Manufactured by:  
The Andersons Lawn Fertilizer Division, Inc.  
P.O. Box 119, Maumee, OH 43537

Visit our website: [AndersonsGolfProducts.com](http://AndersonsGolfProducts.com)

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