



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 28, 2021

Debbie Ziehr  
Compliance Supervisor  
The Andersons, Inc.  
P.O. Box 119  
Maumee, OH 43537

Subject: Label Amendment – Fludioxonil Interim Decision Changes and Other Minor Revisions  
Product Name: Andersons 3-way Fungicide G  
EPA Registration Number: 9198-256  
Application Date: August 22, 2019; February 4, 2019  
Decision Number: 560658; 572594

Dear Ms. Ziehr:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fludioxonil Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling is attached for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false

Page 2 of 2  
EPA Reg. No. 9198-256  
Decision No. 560658; 572594

or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Briana Hanlon by phone at (703) 347-8337, or via email at [hanlon.briana@epa.gov](mailto:hanlon.briana@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Debra Rate".

Debra Rate, Ph.D.  
Senior Regulatory Specialist  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505P)  
Office of Pesticide Programs

Attachment

<b>CHLOROTHALONIL</b>	<b>GROUP</b>	<b>M5</b>	<b>FUNGICIDE</b>
<b>PROPICONAZOLE</b>		<b>3</b>	
<b>FLUDIOXONIL</b>		<b>12</b>	

## Andersons 3-way Fungicide G

For control of turf diseases

### Active Ingredient:

Chlorothalonil (tetrachloroisophthalonitrile) (CAS No. 1897-45-6) .....	3.88%
Propiconazole (CAS No. 60207-90-1) .....	0.62%
Fludioxonil (CAS No. 131341-86-1) .....	0.16%
Other Ingredients: .....	<u>95.34%</u>
Total	100.00%

Net Weight XX lbs. (XX kg)

EPA Reg. No. 9198-256

EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A, 9198-IN-3S

Underlined letter is first letter used in run code on bag

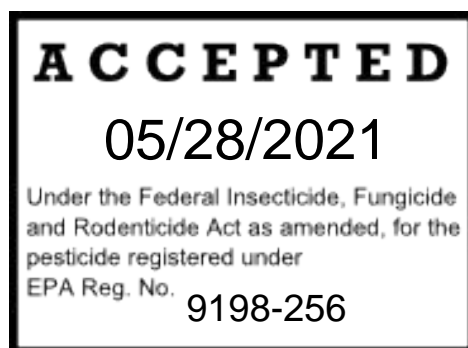
Product of USA

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

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 First Aid and additional Precautionary Statements.



## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

#### **CAUTION**

Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing vapor or spray mist. 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.

### **Personal Protective Equipment (PPE)**

Some materials that are chemical resistant to this product are made of any waterproof material.

### **WPS Uses**

Mixers, loaders, applicators and all other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered – must wear:

- Protective eyewear
- Long sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves, made of waterproof materials, such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, or neoprene rubber ≥14 mils,

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **Non-WPS Uses**

Mixers, loaders, applicators and all other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, only agricultural plant uses are covered – must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves, made of waterproof materials, such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, or neoprene rubber ≥14 mils,
- Shoes plus socks, and
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **Engineering Controls Standard**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPA) for agricultural pesticides [40 CFR Part 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<b>FIRST AID</b>	
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
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 emergency medical treatment information.	

<p><b>User Safety Recommendations:</b></p> <ul style="list-style-type: none"> <li>• Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>• Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• 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.</li> </ul>
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**Environmental Hazards**

This pesticide is toxic to aquatic invertebrates, fish and wildlife. Cover, collect, or incorporate spilled granules. Do not apply directly to water, 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 wash waters or rinsate.

This product contains chlorothalonil, a chemical 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.

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 overlaying 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-laying tile drainage systems that drain to surface water.

Attention: This product contains a chemical known to the State of California to cause cancer.

## DIRECTIONS FOR USE

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

### **FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **USE SITES**

For use to control diseases on turf on sod farms.

### **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 workers to enter treated areas during the restricted entry interval (REI) of 24 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 waterproof materials, such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, or neoprene rubber ≥14 mils,
- shoes plus socks
- protective eyewear

**Special Eye Irritation Provisions:** This product is a severe eye irritant. Although the restricted entry interval expires after 24 hours, for the next 6.5 days entry is permitted only when the following safety measures are provided:

- 1.) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.
- 2.) Workers must be informed, in a manner they can understand:
  - that residues in the treated area may be highly irritating to their eyes
  - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes
  - that if they do get residues in their eyes, they should immediately flush their eyes using the eye flush container that is located at the decontamination site or using other readily available clean water, and how to operate the eye flush container

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part. 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

DO NOT enter or allow entry into treatment area until dusts have settled.

### **PRODUCT INFORMATION**

For use to control turf diseases on golf courses, lawns around commercial and industrial buildings, professional and collegiate athletic fields and sod farms. Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches and theme parks. This product is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. This product is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

Do not apply more than 58.44lbs of this product per acre per year (1.28 lbs. per 1,000 sq. ft. per year) in Nassau and Suffolk Counties of New York.

### **INTEGRATED PEST (DISEASE) MANAGEMENT**

This product should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. Consult your local turf authority for IPM strategies established for your area. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

### **RESISTANCE MANAGEMENT**

For resistance management, please note this product contains Propiconazole, a Group 3 fungicide, Fludioxonil, a Group 12 fungicide, and Chlorothalonil, a Group M5 fungicide. Any fungal populations may contain individuals naturally resistant to Group 3, 12 and M5 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 3, 12 and M5 fungicides within a growing season sequence with different groups that control the same pathogens.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.

Note that using predictive models alone is not sufficient to manage resistance.

- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens. For further information or to report suspected resistance contact The Andersons, Inc. at 1-800-757-8951. You can also contact your pesticide distributor or university extension specialist to report resistance.

## **SPECIFIC USE DIRECTIONS FOR TURFGRASS DISEASE CONTROL**

Always use this product in conjunction with good turf management practices.

### **USE RESTRICTIONS**

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches and theme parks.

Do not use this product on fine turf due to the potential for phytotoxicity or turfgrass injury.

### **Agricultural Use Sites Only (sod farms)**

This product must not be applied within 25 feet of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body. Sod farm turf treated with this product prior to harvest must be mechanically cut, rolled and harvested.

### **Retreatment Intervals:**

The minimum retreatment interval for this product application is 14 days.

### **Maximum rates per year (Golf Course Turf and all other turf except Sod Farms):**

**Golf Course Greens:** Do not apply more than 1160.47 lbs. product per acre (26.64 lbs. product per 1,000 sq. ft.) per year.

**Golf Course Tees:** Do not apply more than 1160.47 lbs. product per acre (26.64 lbs. product per 1,000 sq. ft.) per year.

**Golf Course Fairways and Roughs:** Do not apply more than 666.48 lbs. product per acre (15.32 lbs. product per 1,000 sq. ft.) per year.

**All Other Turf (excluding sod farms):** Do not apply more than 333.24 lbs. product per acre (7.63 lbs. product per 1,000 sq. ft.) per year.

**Maximum Yearly (Annual) Rate for Sod Farms:** Do not apply more than 333.24 lbs. product per acre (7.63 lbs. product per 1,000 sq. ft.) per year.

### **DISEASE CONTROL**

Always use this product in conjunction with good turf management practices.

Begin applications when conditions favor disease development and repeat applications within the limits set forth in this label for as long as these conditions persist. Under severe disease conditions, use the highest rate and shortest interval corresponding with the application schedule selected from the table below.



**Disease Table**

Disease	Application Interval/Timing	lbs. product per 1,000 sq.ft.	Instructions
Anthracnose (Colletotrichum graminicola) (Colletotrichum cereale)	14-28 days	1.66 - 3.63	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Under high disease pressure, use the higher rates and shorter intervals.
Brown patch (Rhizoctonia solani) (R. Rhizoctonia zeae)	14-21 days	1.66 - 3.63	Begin applications prior to disease development. Under conditions of high temperatures and high humidity, use the higher rates of and lower intervals.
Dollar Spot (Sclerotinia horneocarpa) (Lanzia spp.) (Moellerodiscus spp.)	21-28 days	1.66 - 4.24	Apply when conditions are favorable for disease development.
Gray Leaf spot (Pyricularia grisea) (Pyricularia oryzae)	14 days	1.66 - 3.63	Apply when conditions are favorable for disease development.
Gray Snow Mold (Typhula SPP.)	14-28 days	3.03 - 6.66	Apply in late fall before snow cover. Do not apply on top of snow.  Tees and Greens: If snow cover is intermittent or lacking during the winter, a second application can be made.
Leaf spot, Melting-out, Brown blight 14-21 days (Drechslera spp. (including D. poae, D. siccans) (Bipolaris sorokiniana) (Curvularia spp.)	14-21 days	1.66 - 3.63	Apply when conditions are favorable for disease development.
Pink Snow Mold Fusarium Patch (Microdochium nivale)	14-28 days	3.03 - 6.66	Apply in late fall before snow cover. Do not apply on top of snow. For regions without snowfall, apply application in late fall.  Tees and Greens: If conditions are favorable for Fusarium, a second application can be made.

Red Thread (Laetisaria fuciformis)	14-21 days	1.66 - 3.63	Apply when conditions are favorable for disease development.
Stem Rust (Puccinia graminis)	14-28 days	1.66 - 3.63	Apply when conditions are favorable for disease development
Summer Patch (Magnaporthe poae)	14 days	3.63	Apply when conditions are favorable for disease development.
	28 days	6.66	
Yellow Patch (Rhizoctonia cerealis)	Late Fall	4.84 - 6.66	Apply when conditions are favorable disease development.  Tees and greens: If conditions are favorable for Yellow Patch, a second application can be made.  Fairways and roughs: Only one application in this rate range can be made per year.  Do not apply on top of snow.

**Conversion chart for turf rates**

lbs. product/ 1,000 sq. ft.	lbs. product/ acre	lbs. ai propiconazole/ acre	lbs. ai fludioxonil/ acre	lbs. ai chlorothalonil/ acre
1.66	72.3	0.45	0.12	2.8
1.82	79.3	0.44	0.13	3.1
2.42	105.4	0.65	0.17	4.1
3.03	132.0	0.81	0.21	5.1
3.63	158.1	0.98	0.25	6.1
4.24	184.1	1.1	0.30	7.2
4.84	210.8	1.3	0.34	8.2
5.45	237.4	1.5	0.38	9.2
6.05	263.5	1.6	0.42	10.2
6.66	290.1	1.8	0.46	11.3

**Spreader Settings**

These spreader settings are not intended to replace calibration.

Please calibrate your spreader before applying product.

XX lbs. treats X,XXX sq. ft. at the XXX lbs. product/acre - LOW RATE (XXX lbs./1,000 sq. ft. rate)

XX lbs. treats X,XXX sq. ft. at the XXX lbs. product/acre - MEDIUM RATE (XXX lbs./1,000 sq. ft. rate) XX

lbs. treats X,XXX sq. ft. at the XXX lbs. product/acre - HIGH RATE (XXX lbs./1,000 sq. ft. rate)

XX lbs. treats X,XXX sq. ft. at the XXX lbs. product/acre - HEAVY RATE (XXX lbs./1,000 sq. ft. rate)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			
			LOW xxx lbs. ai/A	MEDIUM xxx lbs. ai/A	HIGH xxx lbs. ai/A	HEAVY xxx lbs. ai/A
aa	X mph	XX ft/	X	X	X	X
bb	X mph	XX ft	X	X	X	X
cc	X mph	XX ft	X	X	X	X

*Note: This list of spreaders and settings will vary dependent on market availability of spreaders.  
(this note will not appear on final label)*

These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. Calibrate all spreader equipment at the time of application to achieve labeled application rate.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** 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.

**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. To the extent consistent with applicable law, manufacturer makes NO OTHER EXPRESSES 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, Inc  
P.O. Box 119  
Maumee, OH 43537  
Phone #419-893-5050

*[Note: This below table will not appear on final label]*

Date Printed	04/07/2021
Date Approved	5/21/18
Supersedes	5/21/18
Label Change	Fludioxonil – Interim Reg Review Decision, Case No. 7017
Filename	9198-256
Label code	RVamd04072021