



PRODUCT INFORMATION

Chlorothalonil 5G Fungicide

- For control of melting out, leaf spot, brown patch, and certain other turf disease

PRODUCT CODE	ASPC4	ACTIVE INGREDIENTS
DESCRIPTION	Fungicide on Biodac	Chlorothalonil [Tetrachloroisophthalonitrile]5.00%
PARTICLE SIZE	Granular	
COVERAGE	7,600 - 21,000 sq. ft. (0.17 - 0.48 acres)	
TYPICAL RATE	3.8 lbs / 1,000 sq. ft.	
PRODUCT USES	For use on turf applications such as golf course greens, tees, and fairways, athletic fields (except recreational park athletic fields, athletic fields located on or next to schools), cemeteries, parks, and commercial turf.	
BAG WEIGHT	40 lbs.	
PALLET COUNT	50 bags/pallet	
DENSITY NC	46.30	

Following is a specimen label that may at some point be revised or otherwise become out of date.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 Distributor,
visit our website: www.andersonspro.com
or contact us at **800-225-2639**.

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Chlorothalonil 5G Fungicide

FOR CONTROL OF MELTING UO, LEAF SPOT, BROWN PATCH AND CERTAIN OTHER TURF DISEASES

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 (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.

ACTIVE INGREDIENT:	5.0%
Chlorothalonil (Trichlorothalonil)	95.0%
OTHER INGREDIENTS:	100.0%
Total	

EPA Reg. No. 9198-115
EPA Est. No. 9198-OH-M, 9198-OH-28, 9198-AL-014
(Underlined letters in 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.)

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)

- Clothing: 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.

FIRST AID

- 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.
 - 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.
- Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8515 for emergency medical treatment information.
- NOTE TO PHYSICIAN:** Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids. Prolonged mucosal damage may complicate the use of systemic steroids. Persons should take precautions in eyes, irritation should be relieved during. Topical antibiotic ointments are generally indicated when eye damage is identified. Use of steroid eye drops is not indicated 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.

The 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 tiled canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetative filter strips, and areas overlying the drainage systems that drain to surface water.

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 Mold, Fusarium Patch and Algae. Helminthosporium, Curculatita, Leaf Spot, Melting out, Brown Blight, Red Thiel, Anthracnose, Spaw, Snow Mold, Fusarium Patch and Algae.
This product 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 this product.

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 (except recreational park athletic fields, athletic fields located on or next to schools), cemeteries, parks, and commercial turf. 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 (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.

Use Sites and Maximum Application Rates

Golf Course Greens: Do not apply more than 3.55 lbs. of product per 1,000 sq. ft. (73 lbs. a/a) per growing season. The minimum re-treatment interval for single application rates up to 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 7 days, and the minimum re-treatment interval for single application rates greater than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 14 days. Do not apply more than 2 applications of a rate higher than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) per growing season.

Golf Course Tees: Do not apply more than 23.0 lbs. of product per 1,000 sq. ft. (59 lbs. a/a) per growing season. The minimum re-treatment interval for single application rates up to 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 7 days, and the minimum re-treatment interval for single application rates greater than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 14 days. Do not apply more than 2 applications of a rate higher than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) per growing season.

Golf Course Fairways: Do not apply more than 11.9 lbs. of product per 1,000 sq. ft. (28 lbs. a/a) per growing season. The minimum re-treatment interval for single application rates up to 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 7 days, and the minimum re-treatment interval for single application rates greater than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 14 days. Do not apply more than 1 application of a rate higher than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) per growing season.

General Turf: Do not apply more than 11.9 lbs. of product per 1,000 sq. ft. (28 lbs. a/a) per growing season. The minimum re-treatment interval for single application rates up to 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 7 days, and the minimum re-treatment interval for single application rates greater than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) is 14 days. Do not apply more than 1 application of a rate higher than 3.55 lbs. per 1,000 sq. ft. (73 lbs. a/a) per growing season.

Diseases Controlled	Pre-Disease Rates ^a		Post-Disease Rates ^a		Application Interval (days)	lbs. product/1,000 sq. ft.	lbs. a/i product/acre	lbs. a/i product/1,000 sq. ft.	lbs. a/i product/acre
	lbs. product/1,000 sq. ft.	lbs. a/i product/acre	lbs. a/i product/1,000 sq. ft.	lbs. a/i product/acre					
Dollar Spot Stenotaphyrum dimorphae Lily Lily Lily	7 to 10 19 to 35 14	0.2 to 0.3 82 to 146 NA	2.1 to 4.1 4.1 to 7.3 NA	NA NA NA	7 to 10 14	19 to 35 NA	0.2 to 0.3 82 to 146 NA	2.1 to 4.1 4.1 to 7.3 NA	NA NA NA
Leaf Spot Melting-out Brown Blight Including Disease D. scabrous, Epidermis scrobilata, Curculatita spp.	7 to 10 19 to 35 14	0.2 to 0.3 82 to 146 NA	4.1 to 7.3 NA	NA	7 to 10 14	19 to 35 NA	0.2 to 0.3 82 to 146 NA	4.1 to 7.3 NA	NA
Brown patch Rhizoctonia solani, R. zeae, R. cerealis	7 to 14 14	19 to 35 NA	4.1 to 7.3 NA	NA	7 to 14 14	19 to 35 NA	4.1 to 7.3 NA	NA	NA
Gray Leaf Spot Pyricularia grisea, P. oryzae	7 to 10 14	19 to 35 NA	4.1 to 7.3 NA	NA	7 to 10 14	19 to 35 NA	4.1 to 7.3 NA	NA	NA
Red Thiel Laetisporia holcismi	7 to 10 14	19 to 35 82 to 146 148 to 226	4.1 to 7.3 7.4 to 11.3 5.2	NA NA 2.26	7 to 10 14	19 to 35 3.4 to 5.2	82 to 146 148 to 226	4.1 to 7.3 7.4 to 11.3	NA NA 11.3
Anthracnose Colletotrichum grammicola	7 to 14 14	28 to 35 124 to 146 148 to 226	6.2 to 7.3 7.4 to 11.3	NA NA NA	7 to 14 14	28 to 35 3.4 to 5.2	124 to 146 148 to 226	6.2 to 7.3 7.4 to 11.3	NA NA NA
Copper Spot Glomerococcospora sorghi	14	3.8 to 5.2	6.2 to 7.3	2.26	14	3.8 to 5.2	6.2 to 7.3	2.26	11.3
Stem Rust (Bullgrass) Puccinia graminis	14	3.8 to 5.2	6.2 to 7.3	2.26	14	3.8 to 5.2	6.2 to 7.3	2.26	11.3
DIPODRA: Leafspot (CA only) Alematisa spp.	14	3.8 to 5.2	6.2 to 7.3	2.26	14	3.8 to 5.2	6.2 to 7.3	2.26	11.3
Gray Snow Mold ^c Phytophthora	30	5.2	2.26	NA	30	5.2	2.26	NA	NA
Fusarium Patch ^c Microbotryum Miale	21 to 28	5.2	2.26	NA	21 to 28	5.2	2.26	NA	NA
Algae ^c	7 to 14 14	1.9 to 3.55 NA	4.1 to 7.3 NA	NA	7 to 14 14	1.9 to 3.55 NA	4.1 to 7.3 NA	NA	NA

For each application interval, use appropriate application rate. Refer to Use Sites and Maximum Application Rates above for maximum application rates and re-treatment intervals. ^aWet, dry or are is not effective on intensively mowed turf grasses such as golf course tees and greens. ^cSee specific use directions below. N/A = not applicable

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

Fusarium Patch - In areas where pink snow mold (Microbotryum miale) is likely to occur, apply at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. a/a) in combination with products containing gibberic acid such as Anderson's Golf Products Fertilizer plus Fungicide VIII. Read and observe all label directions to products containing gibberic acid ingredients. **Use:** For control of Fusarium Patch only in areas where snow cover is intermittent or lasting during winter, apply 3.2 lbs. per 1,000 sq. ft. (7.3 lbs. a/a) of turf area. For control of Fusarium Patch and Algae, apply 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. a/a) of turf area. Apply to areas where snow cover is intermittent or lasting during second season. **Application Interval:** Apply at 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. a/a) 21 to 28 days after the first application unless conditions favorable for Fusarium Patch no longer prevail.

Algae: For prevention of algae on turf grasses, apply at the rate of 1.9 to 3.55 lbs. per 1,000 sq. ft. (4.1 to 7.3 lbs. a/a) on a 7 to 14 day schedule. When algae is well established, every attempt should be made to dry out the affected area. Once dry, spiking or verticuting 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. a/a). Following applications of 5.2 lbs. per 1,000 sq. ft. (11.3 lbs. a/a), if (11.3 lbs. a/a) rate, several applications at a rate of 1.9 to 3.55 lbs. per 1,000 sq. ft. (4.1 to 7.3 lbs. a/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. a/a) may be made 14 days after the first application.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LIGHT RATE	MEDIUM RATE	HIGH RATE
Andersons Model 2000 / AccuPac 2000 (cone 9)	3 mph	9 feet	H 3/4	K	L 1/2
Andersons 2000-SH / SH-2000 (cone 9)	3 mph	9 feet	H 3/4	K	L 1/2
Andersons LCO-1000	3 mph	9 feet	H 3/4	K	L 1/2
Andersons SSO / SS-2 Drop	3 mph	over top wheels	2 3/4	3 3/4	4 1/4
Score R-8, R-8A, (cone 9)	3 mph	9 feet	G 3/4	H 1/4	I 1/2
Lasco 020093 (pattern 00)	3 mph	6 feet	C 1/2	D 1/4	D 1/2
Lasco 705698 (pattern 00)	3 mph	6 feet	C 1/2	D 1/4	D 1/2
Lely Models WTR, WFR, HR, L250 (P/O at 450 rpm)	4.5 mph	22 feet	3 1/4	4	4 3/4
Yocco (03 Series)	4.5 mph	15 feet	11	14	15

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Nonleakable container. Do not reuse or refill this container. Offer for recycling, if available. **PESTICIDE STORAGE:** Keep container closed and away from food, feedstuffs, and domestic water supplies.

PESTICIDE DISPOSAL: Pesticide 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

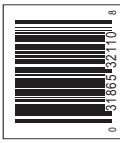
Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label. Manufacturer does not warrant that this product will control all insects, diseases or weeds. User makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY OTHER PURPOSE. USER RELEASES MANUFACTURER FROM ALL LIABILITY ARISING FROM ANY USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY USE OF THIS PRODUCT. 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 LIMITED WARRANTY: 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.
P.O. Box 119
Heumes, OH 43037
www.andersons.com

Net Wt. 40 Lbs. (18.14 kg)



ASPC4