

# FFIII



## F U N G I C I D E

Broad spectrum snow mold fungicide combining multiple modes of systemic and contact modes of action

**Active Ingredients:**

Propiconazole (CAS No. 60207-90-1) .....	0.62%
Chlorothalonil (CAS No. 1897-45-6) .....	3.90%
Pentachloronitrobenzene (PCNB) (CAS No. 82-68-8) .....	7.50%

**Other Ingredients:** ..... 87.98%

**Total:** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contacts, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<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>
<p><b>Note to Physician:</b> If ingested, induce emesis or lavage stomach. Treat symptomatically. Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.</p>	
EMERGENCY INFORMATION	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</p> <p>For Medical Emergencies phone:.....1-888-681-4261</p> <p>For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC® ...1-800-424-9300</p> <p>For Product Use Information phone: AMVAC® .....1-888-462-6822</p>	

EPA Reg. No. 5481-614  
EPA Est. No.

SGN 75 Net Weight: XX lbs.



AMVAC Chemical Corporation 4100 E. Washington Blvd.  
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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), or Viton®. Do not handle or apply product with bare hands.
- Shoes plus socks

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.

#### User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- 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.

#### Environmental Hazards

This pesticide is toxic to fish, aquatic organisms, aquatic invertebrates and wildlife. Cover, collect, or incorporate spilled granules. Do not apply directly adjacent to potable water supplies. 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 washwaters 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.

This chemical can contaminate surface water through 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 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.

## DIRECTIONS FOR USE

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

## PRODUCT INFORMATION

This product is a preventive fungicide labeled for control of certain soil borne diseases on golf course tees, greens and fairways. Best results are achieved when used in a preventive program following specified rate and application directions. Carefully read, understand and follow label directions.

### Restrictions

- 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.
- Do not make more than one application at the HIGH rate 289 lbs. product/acre (6.6 lbs./1,000 sq. ft.) per year except for golf course greens and tees. Repeat applications at the HIGH rate on greens and tees must not be made sooner than 14 days. Repeat applications at the LOW rate (145 lbs. product/acre) per year must not be made sooner than 14 days.
- Do not apply more than 1,161 lbs. of product/acre (26.65 lbs./1,000 sq. ft.) per year on golf course greens and tees (7.2 lbs. of propiconazole/acre); and 667 lbs. of product per acre/year on golf course fairways (26 lbs. chlorothalonil/acre).
- If tank-mixing or sequentially applying with other products that contain these active ingredients, no more than 7.2 lbs. of propiconazole per acre per year can be applied to golf course turf, and no more than 26 lbs. chlorothalonil per acre can be applied to golf course fairways.
- This product may not be applied within 25 feet (ground application) 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.
- Application with a chest-mounted rotary spreader (belly-grinder) is prohibited.
- Use of this product is prohibited on
  - golf course roughs;
  - sod farms, and industrial parks and professional and college athletic fields where turf is grown;
  - residential sites including lawns, yards and ornamental plants and gardens around homes and apartments;
  - grounds around day care facilities;
  - school yards;
  - parks;
  - playgrounds; and
  - athletic fields
- May only be used on golf course greens, tees and fairways.
- Do not graze treated areas or feed clippings to livestock.
- Use of any hand held application equipment is prohibited.
- Aerial application is prohibited.
- Apply using tractor drawn equipment only.
- Do not enter or allow others to enter treated area until treated area has been irrigated and turf has dried.

**TURF**

This product is a fungicide for the prevention and control of certain soil borne diseases on golf course tees, greens and fairways.

For best results use this product as a preventive application before diseases appear; however, if you do not apply as a preventive treatment, then apply this product at first sign of disease.

Following application, water areas treated with this product in order to move material down to the soil level. If treated area is subjected to flooding or unusually heavy rainfall, or if disease is severe or reappears, treat the area again.

Under certain growing conditions, a temporary discoloration of the grass may occur. This causes no harm and will disappear in a short time.

**Use and rate directions for golf course greens, tees and fairways\***

Disease	Lbs. per 1,000 sq. ft.	Lbs. per Acre	Application Timing	Instructions
Gray Snow Mold <i>Typhula ishikariensis</i> , <i>incarnata</i>	6.6	289	Late Fall	Apply one application in the late Fall before snow cover. Do not apply on top of snow. If snow melt occurs, make a repeat application 4 to 8 weeks or later after first application, depending on timing of snow melt. Application must be followed by ¼ inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application then the treated area must be irrigated with ¼ inch of water on day of application.

(Continued)

Disease	Lbs. per 1,000 sq. ft.	Lbs. per Acre	Application Timing	Instructions
Pink Snow Mold <i>Microdochium nivale</i> (with snow cover)	3.33 - 6.6	145 - 289	Late Fall	Apply one application in the late Fall before snow cover. Do not apply on top of snow. If snow melt occurs, make a repeat application 4 to 8 weeks or later after first application, depending on timing of snow melt. Application must be followed by ¼ inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application then the treated area must be irrigated with ¼ inch of water on day of application.
Microdochium Patch <i>Microdochium nivale</i> (without snow cover)	3.33 - 6.6	145 - 289	Fall - Late Winter	In the absence of snow cover, application can be applied at 4 to 6 week intervals to maintain control. Use the lower rate with the shorter interval. After application immediately irrigate with 1/4 inch water.

\*Maximum Application Rate = 1.79 lbs. propiconazole a.i./A,  
Maximum Annual Application Rate = 7.2 lbs. propiconazole a.i./A per year.

<b>SPREADER SETTINGS</b>				
<p>These spreader settings are not intended to replace calibration. Calibrate your spreader before applying product.</p> <p>30 lbs. treats 9,000 sq. ft. at the 145 lbs. product/acre – LOW RATE (3.33 lbs./1,000 sq. ft. rate) 30 lbs. treats 4,400 sq. ft. at the 289 lbs. product/acre – HIGH RATE (6.6 lbs./1,000 sq. ft. rate)</p>				
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE	HIGH RATE
Al/Acre (propiconazole, chlorothalonil, PCNB)			0.90, 5.66, 10.89	1.79, 11.33, 21.78
Andersons (tractor drawn) PowerPro 2000 (cone 9)	3 mph	9 feet	K	M
Andersons SSD/SS-2 Drop (tractor drawn)	3 mph	Overlap wheels	3 ¾	5 ¼
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) (Pattern III-A)	3 mph	30 feet	4	5 ¼
Vicon (03 Series)	3 mph	24 feet	14	21

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing. Cover, collect or incorporate spilled granules.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may 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.

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## LIMITED WARRANTY AND DISCLAIMER

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The manufacturer warrants (a) that this product conforms to the chemical description on the label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

**THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

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