



Turficide® 10G

TURF & ORNAMENTAL FUNGICIDE

TURF and ORNAMENTAL CROP FUNGICIDE

ACTIVE INGREDIENT:

(% by weight)

Pentachloronitrobenzene (PCNB) 10.0%

INERT INGREDIENTS: 90.0%

TOTAL: 100.0%

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.)

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Call a poison control center 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • 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 further treatment advice.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: For Medical Emergencies phone:1-888-681-4261 For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®1-800-424-9300 For Product Use Information phone: AMVAC®1-888-462-6822	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-8988

Net Contents: _____ Lbs.

EPA Est. No. _____



AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200,
Newport Beach, CA 92660, USA

Made in USA

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. This material may cause skin irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning and 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Cover, collect, or incorporate spilled granules. Do not contaminate water when disposing of equipment washwaters. 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.

DIRECTIONS FOR USE

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

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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 intervals. 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 worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 any waterproof materials
- Shoes plus socks

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), WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter treated areas until area has been irrigated or rainfall on day of application and turf has dried. If sufficient rainfall does not occur on day of application, then treated areas must be irrigated with 1/4 inch of water on day of application.

PRODUCT INFORMATION

TURFCIDE 10G is a preventive fungicide labeled for control of certain soil borne diseases on non-residential turf (golf course tees, greens and fairways, sod farms, industrial parks, and professional and college athletic fields), and non-residential ornamentals. Best results are achieved when used in a preventive program. Follow specified rates and application directions. Carefully read, understand and follow label directions.

Resistance Management

For resistance management, Turfcide 10G contains PCNB, a Group 14 fungicide. Any fungal population may contain individuals naturally resistant to Turfcide 10G and other Group 14 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same location. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of Turfcide 10G or other Group 14 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that are effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation (agricultural uses), 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 pest control advisor for any additional pesticide resistance-management and/or IPM recommendations for specific pathogens.

For further information or to report suspected resistance contact AMVAC at (1-888-462-6822). You can also contact your pesticide distributor or university extension specialist to report resistance.

Product Restrictions

- Use of Turfcide 10G is prohibited on
 - golf course roughs;
 - residential sites including lawns, yards, and ornamental plants and gardens around homes and apartments;
 - grounds around day care facilities;
 - school yards;
 - parks (except industrial parks);
 - playgrounds; and
 - athletic fields (except professional and college athletic fields under the conditions listed below).
- Do not graze treated areas or feed clippings to livestock.
- Do not plant root crops in PCNB treated fields within 12 months of the last application of PCNB unless PCNB is registered for use on those crops.
- Use of any hand held application equipment is prohibited except for applications to growing media mix.

- Aerial application is prohibited.
- For broadcast and band applications, apply using tractor drawn equipment only.
- For Sodfarm applications,
 - Mixers/loaders cannot handle more than 23,000 lbs. of product per day (equivalent to 2,300 lbs. A.I. /day).
 - Applicators cannot handle more than 26,000 lbs. of product per day (equivalent to 2,600 lbs. A.I. /day).
- For Woody Ornamentals:
 - Mixers/loaders cannot handle more than 23,000 lbs. of product per day (equivalent to 2,300 lbs. A.I. /day).
 - Granular spreader applicators cannot handle more than 26,000 lbs. of product per day (equivalent to 2,600 lbs. A.I. /day).
 - Backpack applicators cannot handle more than 1,300 lbs. of product per day (equivalent to 130 lbs. A.I. /day).

NON-RESIDENTIAL TURF

Turfcide 10G is a fungicide for the prevention and control of certain soil borne diseases on

- golf course tees, greens, and fairways,
- sod farms, and industrial parks and professional and college athletic fields where turf is grown.

Restrictions: Turfcide 10G may only be used on professional and college athletic fields for the following diseases: gray snow mold and pink snow mold. See the Use and Rate Requirements for Non-Residential Turf table for additional directions for professional and college athletic fields.

For best results use Turfcide 10G as a preventive application before diseases appear, however, if you do not apply as a preventive treatment, then apply Turfcide 10G at first sign of disease.

Following application, water areas treated with Turfcide 10G 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.

SPREADER SETTINGS

SPREADER MODEL	EFFECTIVE WIDTH (FT.)	RATE (LBS)/1000 SQ. FT.			
		2.5	5.0	7.5	10
CYCLONE	3	3.5	3.75	4.0	4.25
SCOTTS R-8A (CONE #7)	8	H.5	K	M	N.5
SPYKER	4	3.0	3.6	4	4.2
JOHN DEERE	4	3.0	3.6	4	4.2
LESCO (SLIDE SET=0)	4	B	C.5	E	F
	8	C.5	F	G.5	H.7
VICON	20	14	22	29	35
LELY (FEEDRING SET=IIIC)	10	2.25	3.25	3.5	3.7
	20	3.25	4.25	5.25	6
PRIZELAWN (SLIDE SET=A)	3	2.75	3.25	3.50	3.7
GANDY (DROP TYPE)	2	17	22	26	29
SEARS	-	6.5	7.5	9	10.5

Lely and Vicon spreaders calibrated at 4.5 MPH and 540 PTO RPM. All others were ground driven at 3.0 MPH. These settings apply to 20/40 mesh granular carriers. The spreader settings listed above are approximate. Accurately weigh a few pounds into your spreader and apply to measured area. Then adjust spreader settings, if necessary in order to assure correct rate of application.

USE AND RATE REQUIREMENTS FOR NON-RESIDENTIAL TURF*

DISEASE	TURF TYPE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	7 1/2	Apply one application in the spring or at first indication of disease. If disease is severe or reappears, retreat 3 to 4 weeks later. After application, immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.
	Dichondra	7 1/2	Treat as above. After application, immediately irrigate with 1/4 inch water.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	2 to 2 1/2	Apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather. For control of existing infections, apply at higher specified rates as soon as symptoms appear. After application, immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.
Leaf Spot/Melting Out (<i>Drechslera spp.</i> , <i>Biopolaris spp.</i> , <i>Exserohilum spp.</i>)	All	5 to 7 1/2	Make preventive applications in spring or fall of each year. For control of existing infections, apply at higher specified rate as soon as symptoms appear.
Dollar Spot** (<i>Sclerotinia homeocarpa</i>)			If disease is severe or reappears, re-treat the area 3 to 4 weeks later. After application, immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.

DISEASE	TURF TYPE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Gray Snow Mold*** (<i>Typhula spp.</i>)	Cool climate grass	5 to 10	Make one application of 5 to 10 lbs. per 1000 sq. ft. prior to first snowfall or when temperatures remain below 60°F and extended wet conditions are expected.
		5 to 7 1/2	Rate for professional and college athletic fields. Applications must be followed by 1/4 inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application, then treated areas must be irrigated with 1/4 inch of water on day of application.
Pink Snow Mold*** (<i>Microdochium nivale</i>)		5 to 7 1/2	In the absence of snow cover, applications of 5 to 7 1/2 lbs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe. NOTE: Turfcide 10G must be moved into the soil/thatch layer to be effective. Applications must be followed by 1/4 inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application, then treated areas must be irrigated with 1/4 inch of water on day of application.

For Sod-Farm Use: Mixers and Loaders cannot handle more than 23,000 lbs. of product/day (equivalent to 2,300 lbs. A.I. / day), and applicators cannot handle more than 26,000 lbs. of product/day (equivalent to 2,600 lbs. A.I. /day).

*Single applications must not exceed 43.56 lbs. A.I. /A, and total seasonal applications must not exceed 87.12 lbs. A.I. /A.

**Use not registered by California Department of Pesticide Registration.

***Conditions under which professional and college athletic fields may be treated:

- applications are limited to Fall and Winter months for pink or grey snow mold;
- no more than 3 applications may be made per season (October – March), with a minimum of 14 days between applications;
- applicators must ensure that the treated area will be idle for at least 2 days after application.
- single applications must not exceed 33 lbs. A.I. /A, and total seasonal applications must not exceed 66 lbs. A.I. /A.

NON-RESIDENTIAL ORNAMENTALS

Turfcide 10G can be used as a soil treatment for protection against a variety of soil borne diseases in

- greenhouse,
- shadehouse,
- nursery,
- landscape and
- field grown ornamentals

Restrictions: Use of Turfcide 10G is prohibited on ornamental plants in

- residential settings including lawns, yards, gardens around homes and apartments;
- grounds around day care facilities;
- school yards;
- parks (except industrial parks);
- playgrounds; and
- athletic fields.

Mix Turfcide 10G in the soil for best results. See the Use and Rate Requirements for Non-Residential Ornamentals table for specific plant and disease directions.

When a rate range is shown, use the lower rate on coarse textured (light) soils or when disease pressure is expected to be low. Use the higher rates on fine textured (heavy) soils in fields with a history of disease problems, or when weather conditions are expected to be unfavorable for rapid germination and growth of seedlings.

USE AND RATE REQUIREMENTS FOR NON-RESIDENTIAL ORNAMENTALS

CROP	DISEASE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Woody Ornamentals	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)	15	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the top 2 inches of soil. Apply to a well prepared seed bed.
	Stem Rot (<i>Sclerotinia sclerotiorum</i>)	20	BROADCAST: Apply one week prior to planting. Spread evenly on the soil surface and thoroughly mix into the soil to a depth of 4 inches.
	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>) (<i>Sclerotinia sclerotiorum</i>)		GROWING MEDIA MIX: Mix 1 to 1.5 lbs. of product per cubic yard of media. To prevent agglomeration, ensure that ingredients are dry and free of large bumps. Blend thoroughly to ensure uniform distribution throughout the mixture. Use the lower rate for mixtures used at the time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants or nursery stock. Do not mix more than 10 cubic yards of media mix/day.
Vegetable Bedding Plants: Limited to only	Root/Stem Rot, Damping Off (<i>Rhizoctonia</i>		GROWING MEDIA MIX: Mix 1 to 1.5 lbs. of product per cubic yard of media. To prevent agglomeration, ensure that ingredients are dry and free of large bumps. Blend

CROP	DISEASE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
container grown- Broccoli Brussel Sprouts Cabbage Cauliflower	<i>solani</i> <i>(Pellicularia filamentosa)</i> <i>(Sclerotinia sclerotiorum)</i>		thoroughly to ensure uniform distribution throughout the mixture. Use the lower rate for mixtures used at the time of seeding or transplanting of young seedlings or plugs. Use the higher rate for older plants or nursery stock. Do not mix more than 10 cubic yards of media mix /day.

NON-RESIDENTIAL ORNAMENTAL RESTRICTIONS FOR AMOUNT OF PRODUCT HANDLED PER DAY:

Mixers and Loaders cannot handle more than 23,000 lbs. of product/day (equivalent to 2,300 lbs. A.I. /day).

Applicators using granular spreader equipment for broadcast and band applications cannot handle more than 26,000 lbs. of product/day (equivalent to 2,600 lbs. A.I. /day).

Backpack applicators cannot handle more than 1,300 lbs. of product per day (equivalent to 130 lbs. A.I. /day).

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TURFCIDE 10G can be used safely on plants not specified on this label. Prior to any large scale application on such plants, the user should determine the safety of TURFCIDE 10G fungicide by testing a small number of the type of plants to be treated.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. 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: Paper Bags: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Cardboard Canisters: (Commercial) Nonrefillable container. Do not reuse or refill this container. Completely empty canisters into application equipment. Then dispose of container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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SPECIMEN