

5481-8988

3/5/2013

1/26



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Ms. Julie Porter
Amvac Chemical Corporation
4695 Macarthur CT, Suite 1250
Newport Beach, CA 92660-1706

MAR 5 2013

Subject: Turfcide 10% Granular
EPA Registration Number 5481-8988
Amendment dated 11/21/2011 and revised label emailed 3/4/2013
EPA Decision No. 458428

Dear Ms. Porter:

The amendment referred to above, submitted in connection with registration under section 3 of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable. As requested in your amendment dated November 21, 2011, the terms and conditions of your registration are amended as follows:

1. Amvac will not market Turfcide 10% Granular for any end use other than the following: turf including golf course turf (tees, greens, and fairways), sod farms, industrial parks, and professional and college athletic fields; woody ornamentals; vegetable bedding plants; Brussels Sprouts, cabbage, and cauliflower; collards, kale, and mustard greens; peppers; beans (snap, succulent, and dry); peanuts; potatoes; and cotton.
2. EPA has yet to make decisions for the remaining uses of this product; therefore, the removal of the condition of registration in paragraph 1 is predicated on either a decision by EPA to allow the remaining uses to be marketed, or a request by Amvac to delete each of the remaining uses.
3. Amvac will submit a subsequent "master" label along with any additional use deletion requests after EPA makes a determination concerning those retained uses of this product not allowed by the condition of registration governing the accepted label appended to this letter.
4. Amvac will submit any sub-labels for particular markets that use existing or new alternate brand names and that include only the accepted subset of uses.
5. Amvac will submit one (1) copy of any final printed labels before the product is released for shipment.

EPA Reg. No.5481-8988
Turficide 10% Granular
Page 2 of 2

If you have any questions, you may reach me by phone at (703) 305-5410 or via email at johnson.hope@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Hope Johnson', with a stylized, flowing script.

Hope Johnson
Acting Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosures: Label stamped "Accepted"

3/26

Turfside® 10% Granular

TURF, ORNAMENTAL, AGRICULTURAL 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:	
Medical: AMVAC.....	1-323-264-3910
Transportation: CHEMTREC.....	1-800-424-9300

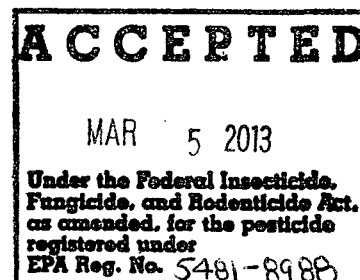
SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-8988

EPA Est. No. _____

NET WEIGHT: _____ Lbs.

AMVAC
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910



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 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 10% Granular 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), non-residential ornamentals, and agricultural crops. Best results are achieved when used in a preventive program following specified rates and application directions. Carefully read, understand and follow label directions.

Restrictions

- Use of Turfcide 10% Granular 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 ai/day).
 - Applicators cannot handle more than 26,000 lbs of product per day (equivalent to 2,600 lbs ai/day).
- For Woody Ornamentals:
 - Mixers/loaders cannot handle more than 23,000 lbs of product per day (equivalent to 2,300 lbs ai/day).
 - Granular spreader applicators cannot handle more than 26,000 lbs of product per day (equivalent to 2,600 lbs ai/day).
 - Backpack applications cannot handle more than 1,300 lbs of product per day (equivalent to 130 lbs ai/day).

NON-RESIDENTIAL TURF

Turfcide 10% Granular 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 10% Granular 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 10% Granular as a preventive application before diseases appear, however, if you do not apply as a preventive treatment, then apply Turfcide 10% Granular at first sign of disease.

Following application, water areas treated with Turfcide 10% Granular 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 MAKE	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=HIC)	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.

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.
	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 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 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.
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	TURF TYPE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
			<p>disease pressure is severe.</p> <p>NOTE: Turfcide 10% Granular must be moved into the soil/thatch layer to be effective.</p> <p>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.</p>

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. ai/A, and total seasonal applications must not exceed 87.12 lbs. ai/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. ai/A, and total seasonal applications must not exceed 66 lbs. ai/A.

NON-RESIDENTIAL ORNAMENTALS

Turfcide 10% Granular 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 10% Granular 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 10% Granular 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.
Bedding Plants Flowering Plants Foliage Plants 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.
Bulb Crops	Crown Rot (<i>Pellicularia rolfsii</i>) Black Rot (<i>Sclerotinia sclerotiorum</i>) Root Rot (<i>Rhizoctonia solani</i>)	20 to 40	BROADCAST: Spread evenly on the soil surface and thoroughly mix into the upper 6 to 7 inches of soil by double discing or rotovating. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soil. Use higher rate for Black Rot control.
	Bulb Rot/Stem Rot (<i>Sclerotium rolfsii</i>)	20 to 40	BROADCAST: Apply evenly to the soil surface and thoroughly mix into the top 2 to 3 inches of soil by discing or roto-tilling.
		20 to 40	BAND: Apply 60 lbs. per 14,500 linear feet of row in a 12 inch band, centered on the row, at planting time. Follow with three additional applications at this rate at 15 days intervals.
	Neck Rot (<i>Stromatinia gladioli</i>) Dry Bulb Rot (<i>Sclerotinia gladioli</i>)	15 to 25	BROADCAST: Apply evenly at planting time to the soil surface and thoroughly mix into the upper 4 to 6 inches by double discing or rotovating. Bulbs may be planted immediately.

CROP	DISEASE	POUNDS PRODUCT PER 1000 SQ. FT.	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Vegetable Bedding Plants: Limited to only container grown- Beans (excluding cowpeas) Broccoli Brussel Sprouts Cabbage Cauliflower Peppers Tomatoes	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 lumps. 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.

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 ai/day).

AGRICULTURAL CROPS

USE AND RATE REQUIREMENTS FOR VEGETABLES

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Cabbage*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Cauliflower*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
	Wire Stem or Bottom Rot (<i>Rhizoctonia solani</i>)	3.4 lbs. per 1,000 linear feet of row	granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. BAND TREATMENT: Apply in an 8-inch wide band centered on the row immediately before planting. Mix granules into soil before planting to a depth of 2 inches.
Brussels sprouts*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Broccoli*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Collards*, Kale*, Mustard greens*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Peppers	Root/Stem Rot(<i>Rhizoctonia solani</i>)	0.75 to 1.0 lbs. per 1,000 linear feet of row	IN-FURROW BAND: Apply in a 12 to 15-inch band. Apply only at planting time. Apply to the soil around the seed and to the covering soil as it fills the furrow.

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Tomatoes	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>)	0.75 to 1.0 lbs. per 1,000 linear feet of row	PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and rototill the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Potatoes**	Stem Canker and Black Scurf (<i>Rhizoctonia solani</i>)	1.65 lbs. per 1,000 linear feet of row	IN-FURROW BAND TREATMENT: Apply in a 8.5-inch band with 34" row spacing. Direct the product into the furrow over the seed and cover as part of the hilling operation during planting. It is best to apply when the soil is slightly moist. Do not harvest within 45 days of application.
Beans	Root/Stem Rot (<i>Rhizoctonia solani</i>)	Bush Beans: 1 lbs. per 1,000 linear feet of row Pole Beans: 1 to 2 lbs. per 1,000 linear feet of row	APPLY AS AN IN-FURROW SOIL BAND TREATMENT. Apply in a 12 to 15-inch band. Apply over the seed at planting time in the furrow and immediately cover with soil utilizing appropriate application equipment. Do not feed treated vines to livestock.
Peanuts***	Root/Stem Rot (<i>Rhizoctonia solani</i>)	0.75 to 1.0 lbs. per 1,000 linear feet of row	IN-FURROW: Apply in a 12 to 15-inch band. Apply in furrow at planting using suitable equipment.
	For Southern Blight (<i>Sclerotium rolfsii</i>)	1.14 lbs per 1,000 linear feet of row for each application	AS A SOIL MIX DURING CULTIVATION - Turfcide 10% Granular should be applied in two applications with the first application made at pegging (approximately 60 days after planting) and the second made approximately 30 days later. The rate of each application should be 14 lbs/ 12,400 linear feet of row in a 12-inch band. Do not apply more than 28 lbs of product per 12,400 feet of row in one year. Applications should be made by attaching two delivery tubes per row (or bed if two rows per bed) and adjusted so as to treat a total band of 12-inches wide centered on the row. A light incorporation

13/26

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
			should be made to move the product into the soil. Do not pile untreated soil on crown of plant.

*Applications on cole crops are limited to a maximum application rate of 22.5 lbs. ai/A per season. Use on collards, kale and mustard greens restricted to the State of Georgia.

**Not for use in California.

***For Peanuts: Do not exceed 10 lbs. ai/A per season regardless of the application methods used. Do not feed treated vines to livestock. Do not allow hogging down of peanuts.

USE AND RATE REQUIREMENTS FOR COTTON

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS
Cotton	Damping-off (<i>Rhizoctonia solani</i>)	0.75 to 1.50 lbs per 1,000 linear feet (equivalent to 10 to 20 lbs. per acre)	IN-FURROW SOIL TREATMENT: Apply in a 12 to 15-inch band with 40" row spacing. Apply over the seed and immediately cover with soil at planting time. Do not allow livestock to graze or feed on cotton foliage in treated fields.

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TURFCIDE 10% Granular 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 10% Granular 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.

14/26

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) 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.

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 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.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.
Turfcide is a registered trademark of Amvac Chemical Corporation.

AMVAC Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-323-264-3910

15/26

Turficide® 10% Granular

TURF, ORNAMENTAL, AGRICULTURAL 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: Medical: AMVAC.....1-323-264-3910 Transportation: CHEMTREC.....1-800-424-9300	

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

EPA Reg. No. 5481-8988

NET WEIGHT: ____ Lbs.

EPA Est. No. _____


4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910

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 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:

17/26

- 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 10% Granular 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), non-residential ornamentals, and agricultural crops. Best results are achieved when used in a preventive program following specified rates and application directions. Carefully read, understand and follow label directions.

Restrictions

- Use of Turfcide 10% Granular 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 ai/day).
 - Applicators cannot handle more than 26,000 lbs of product per day (equivalent to 2,600 lbs ai/day).
- For Woody Ornamentals:
 - Mixers/loaders cannot handle more than 23,000 lbs of product per day (equivalent to 2,300 lbs ai/day).
 - Granular spreader applicators cannot handle more than 26,000 lbs of product per day (equivalent to 2,600 lbs ai/day).
 - Backpack applications cannot handle more than 1,300 lbs of product per day (equivalent to 130 lbs ai/day).

NON-RESIDENTIAL TURF

Turfcide 10% Granular 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 10% Granular 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 10% Granular as a preventive application before diseases appear, however, if you do not apply as a preventive treatment, then apply Turfcide 10% Granular at first sign of disease.

Following application, water areas treated with Turfcide 10% Granular 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 MAKE	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

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.
			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 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 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.
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***		5 to 7 1/2	In the absence of snow cover, applications

20/26

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.
<i>(Microdochium nivale)</i>			<p>of 5 to 7 1/2 lbs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe.</p> <p>NOTE: Turfcide 10% Granular must be moved into the soil/thatch layer to be effective.</p> <p>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.</p>

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. ai/A, and total seasonal applications must not exceed 87.12 lbs. ai/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. ai/A, and total seasonal applications must not exceed 66 lbs. ai/A.

NON-RESIDENTIAL ORNAMENTALS

Turfcide 10% Granular 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 10% Granular 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 10% Granular 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 container grown- Beans (excluding cowpeas) Broccoli Brussel Sprouts Cabbage Cauliflower Peppers Tomatoes	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.

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 ai/day).

AGRICULTURAL CROPS

USE AND RATE REQUIREMENTS FOR VEGETABLES

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Cabbage*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Cauliflower*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
	Wire Stem or Bottom Rot (<i>Rhizoctonia solani</i>)	3.4 lbs. per 1,000 linear feet of row	BAND TREATMENT: Apply in an 8-inch wide band centered on the row immediately before planting. Mix granules into soil before planting to a depth of 2 inches.
Brussels sprouts*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Broccoli*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Collards*, Kale*, Mustard greens*	Clubroot (<i>Plasmodiophora brassicae</i>)	5.15 lbs. per 1,000 linear feet of row 225 lbs. per acre	PRE-TRANSPLANTING BAND TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control.
Peppers	Root/Stem Rot(<i>Rhizoctonia solani</i>)	0.75 to 1.0 lbs. per 1,000 linear feet of row	IN-FURROW BAND: Apply in a 12 to 15-inch band. Apply only at planting time. Apply to the soil around the seed and to the covering soil as it fills the furrow.
Potatoes**	Stem Canker and Black Scurf (<i>Rhizoctonia solani</i>)	1.65 lbs. per 1,000 linear feet of row	IN-FURROW BAND TREATMENT: Apply in a 8.5-inch band with 34" row spacing. Direct the product into the furrow over the seed and cover as part of the hilling operation during planting. It is best to apply when the soil is slightly moist. Do not harvest within 45 days of application.
Beans	Root/Stem Rot (<i>Rhizoctonia solani</i>)	Bush Beans: 1 lbs. per 1,000 linear feet of row Pole Beans: 1 to 2 lbs. per 1,000 linear feet of row	APPLY AS AN IN-FURROW SOIL BAND TREATMENT. Apply in a 12 to 15-inch band. Apply over the seed at planting time in the furrow and immediately cover with soil utilizing appropriate application equipment. Do not feed treated vines to livestock.

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS See Restrictions on Amount of Product that can be Handled per Day below table.
Peanuts***	Root/Stem Rot (<i>Rhizoctonia solani</i>)	0.75 to 1.0 lbs. per 1,000 linear feet of row	IN-FURROW: Apply in a 12 to 15-inch band. Apply in furrow at planting using suitable equipment.
	For Southern Blight (<i>Sclerotium rolfsii</i>)	1.14 lbs per 1,000 linear feet of row for each application	AS A SOIL MIX DURING CULTIVATION - Turfcide 10% Granular should be applied in two applications with the first application made at pegging (approximately 60 days after planting) and the second made approximately 30 days later. The rate of each application should be 14 lbs/ 12,400 linear feet of row in a 12-inch band. Do not apply more than 28 lbs of product per 12,400 feet of row in one year. Applications should be made by attaching two delivery tubes per row (or bed if two rows per bed) and adjusted so as to treat a total band of 12-inches wide centered on the row. A light incorporation should be made to move the product into the soil. Do not pile untreated soil on crown of plant.

*Applications on cole crops are limited to a maximum application rate of 22.5 lbs. ai/A per season. Use on collards, kale and mustard greens restricted to the State of Georgia.

**Not for use in California.

***For Peanuts: Do not exceed 10 lbs. ai/A per season regardless of the application methods used. Do not feed treated vines to livestock. Do not allow hogging down of peanuts.

USE AND RATE REQUIREMENTS FOR COTTON

CROP	DISEASE	PRODUCT APPLICATION RATE	APPLICATION DIRECTIONS
Cotton	Damping-off (<i>Rhizoctonia solani</i>)	0.75 to 1.50 lbs per 1,000 linear feet	IN-FURROW SOIL TREATMENT: Apply in a 12 to 15-inch band with 40" row spacing. Apply over the seed and immediately cover with soil at planting time. Do not allow livestock to graze or feed on cotton foliage in treated fields.
		(equivalent to 10 to 20 lbs. per acre)	

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not TURFCIDE 10% Granular 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 10% Granular 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; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) 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.

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 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.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Turfcide is a registered trademark of Amvac Chemical Corporation.

AMVAC Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-323-264-3910