

5481-8988

07/25/2012

1/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms Julie Porter  
AMVAC Chemical Corporation  
4695 MacArthur Court Suite 1200  
Newport Beach CA 92660

JUL 25 2012

Subject      Product Name Turfcide 10% Granular  
                 EPA Reg No 5481 8988  
                 Submission date 6/29/2012  
                 Notification for Alternate Brand Name per PRN 98 10  
                 Decision Number 467192

Dear Ms Porter

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10. The Registration Division (RD) has conducted a review of this request for applicability under PRN 98 10 and finds that the action(s) requested falls within the scope of PRN 98 10.

The Alternate Brand Name **Turfcide 10G** is acceptable and will be placed in the regulatory file.

If you have questions concerning this letter, please call Banza Djapao at 703 305 7269 or you may call me at 703 308 9354.

Sincerely

A handwritten signature in cursive script, reading "Mary L Waller", is positioned above the typed name and title.

Mary L Waller  
Product Manager 21  
Fungicide Branch  
Registration Division (7504P)



United States  
Environmental Protection Agency  
Washington DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide Section I

1 Company/Product Number 5481 8988	2 EPA Product Manager Mary Waller	3 Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Turficide 10 / Granular	PM# 21	
5 Name and Address of Applicant (Include Zip Code) AMVAC Chemical Corporation 4695 MacArthur Court Suite 1200 Newport Beach CA 92660 <input type="checkbox"/> Check if this is a new address	6 Expedited Review in accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

### Section II

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For Section I and Section II)

#### Notification of Alternate Brand Name per PR Notice 98 10

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section III

1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No  <b>Certification must be submitted</b>	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No  If Yes Unit Packaging wt No per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No  If Yes Package wt No per container	2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4 Size(s) Retail Container	5 Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithographed <input type="checkbox"/> Paper glued		<input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

### Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)			
Name Julie Porter	Title Regulatory Product Manager	Telephone No (Include Area Code) 949 221 004	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law			8 Date Application Received (Stamped)
2 Signature 	3 Title Regulatory Product Manager		
4 Typed Name Julie Porter	5 Date June 29 2012		



3/9

7/9

June 29 2012

Via Federal Express

Ms Mary L Waller PM 21  
Document Processing Desk  
OPP/RD Fungicide Branch (7504P)  
U S Environmental Protection Agency  
Room S 4900 One Potomac Yard  
2777 South Crystal Drive  
Arlington VA 22202 4501

**Subject Notification of New Alternate Brand Name per PR Notice 98 10 for  
Turficide 10% Granular (EPA Reg No 5481 8988)**

Dear Ms Waller

This is to notify the Agency that AMVAC intends to market the subject product under the Alternate Brand Name Turficide 10G

In support of this notification please find the following documents enclosed

- Application for Registration Form (EPA Form 8101)
- One Copy of Alternate Brand Name Labeling (Ref No 8988 20120629r1)

Please feel free to contact me with any questions at (949) 216 104 or email [juliep@amvacchemical.com](mailto:juliep@amvacchemical.com)  
Thank you for your attention to this matter

Best Regards

A handwritten signature in black ink, appearing to read 'Julie Porter', with a stylized flourish at the end.

Julie Porter  
Regulatory Product Manager

4/9

# Turfcide® 10G

## TURF FUNGICIDE

<b>ACTIVE INGREDIENT (% by weight)</b>	
Pentachloronitrobenzene (PCNB)	10 0%
<b>INERT INGREDIENTS</b>	<b>90 0%</b>
<b>TOTAL</b>	<b>100 0%</b>

### 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	
<b>If in eyes</b>	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
<b>If on skin or clothing</b>	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
<b>If swallowed</b>	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
<b>If inhaled</b>	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



---

## 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 clothing

### 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

### 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

#### Reentry Statement

Do not allow people (other than applicator) or pets on treatment area during application Do not enter or allow others to enter treated areas until area has been irrigated and turf has dried

---

### PRODUCT INFORMATION

---

Turficide 10G 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 rates and application directions Carefully read understand and follow label directions

### Restrictions

- Use of Turfcide 10G 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
- Use of any hand held application equipment is prohibited
- Aerial application is prohibited
- Apply using tractor drawn equipment only

### TURF

Turfcide 10G is a fungicide for the prevention and control of certain soil borne diseases on golf course tees greens and fairways

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 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=III C)	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 6 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 necessary in order to assure correct rate of application

**USE AND RATE REQUIREMENTS FOR GOLF COURSE TEES, GREENS AND FAIRWAYS\***

<b>DISEASE</b>	<b>TURF TYPE</b>	<b>POUNDS PRODUCT PER 1000 SQ FT</b>	<b>APPLICATION DIRECTIONS</b>
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 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 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 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 retreat the area 3 to 4 weeks later  After application 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
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  After application irrigate with 1/4 inch water
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  After application irrigate with 1/4 inch water

\*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

#### 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  
Turficide 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