

10163-188

08/10/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

AUG 10 2007

Kyla Smith  
Registration Specialist  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

Subject: Botran 6% Dust Fungicide  
EPA Reg. No. 10163-188  
Your amendment dated April 19, 2007  
EPA Decision Number 378351

Dear Ms Smith:

The amended label referred to above, submitted July 10, 2007 in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following change is made:

1. In the Agricultural Use Requirements box, (¶2 line 3) change "Can turning...." to "Cane turning...."

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at [westin.robert@epa.gov](mailto:westin.robert@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Mary L. Waller".

Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505P)

Enclosure

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# BOTRAN® 6% Dust Fungicide

For: Apricot, Garlic, Grape, Lettuce, Onion, Snap Bean, Tomato and Ornamentals

<b>ACTIVE INGREDIENT:</b>		<b>% By Wt.</b>
2, 6-dichloro-4-nitroaniline .....		6.0%
<b>OTHER INGREDIENTS</b> .....		94.0%
		<b>TOTAL 100.0%</b>

## KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

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 Swallowed	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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL TOLL FREE 1-888-478-0798</b>	

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. Avoid inhalation of dust. Do not get in eyes, on skin or clothing.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

AUG 10 2007

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

10163-188

Dealers Must Sell in Original Packages Only

NET CONTENTS \_\_\_\_\_ POUNDS

EPA Reg. No. 10163-188  
EPA Est. No. 67545-AZ-1



Produced For:  
Gowan Company  
P. O. Box 5569  
Yuma, AZ 85366-5569

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Natural Rubber, Polyethelene, Polyvinyl Chloride and Viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (except applicators using ground equipment)
- Shoes plus socks

In addition, loaders supporting ground equipments applications must wear a NIOSH-approved half-face, full-face or hood-style respirator with:

- A dust/mist filter with MSHA/NIOSH approval number prefix TC-21C; or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G); or
- A cartridge or canister with any N,R,P, or HE filter

See engineering controls for additional requirements

### Early Entry Personal Protective Equipment

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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### ENGINEERING CONTROLS

Applicators using motorized ground equipment must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, applicators must:

- Wear long-sleeved shirt, long pants, shoes, socks; and
- Either wear a half face NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N,R,P or HE filter or use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the respirator specified above;
- Be provided and have immediately available for use in an emergency when they must exit the cab in treated area: chemical-resistant gloves and, if using an enclosed cab that provides respiratory protection, a respirator of the type specified above;
- Take off an PPE that was worn in the treated area before reentering the cab; and
- Store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

### 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, was thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment, washwaters or rinsate.

This chemical can contaminate surface water through spray or dust applications. Under some conditions, it may also have a potential for runoff into surface water after application.

**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.

Aerial application is prohibited.  
Application by handheld equipment is prohibited.

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product. Do not make any type of application into temperature inversions.

**WIND SPEED:** Do not apply at wind speeds greater than 10mph at the application site.

**DROPLET SIZE:** Apply as a medium or coarser spray (ASA standard 572)

**RELEASE HEIGHT (GROUND APPLICATION):** Apply using a nozzle height of no more than 4 feet above the ground or crop canopy

Additional requirements for airblast applications:

- Direct sprays into the canopy
- Turn off outward pointing nozzles at row ends and when spraying outer rows

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 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 of 14 days when applied to grapes. Notify workers of the application by warning them orally and by posting warning signs at the entrances to treated area. Can turning and girdling grapes is prohibited for 30 days following application of DCNA. For all other crops and use patterns, do not enter or allow worker entry during the restricted entry interval of 12 hours.

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 material
- Shoes plus socks

**DIRECTIONS FOR USE ON EDIBLE CROPS**

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Applications of BOTRAN 6% DUST may be made with ground or aerial equipment, as appropriate. Do not use on germinating seeds or annual seedlings except as suggested. Extreme environmental conditions may have effects on fungicide treatments. The grower should watch to note that the treatment is working and in case of poor control, should take appropriate measures. Good coverage is essential for good disease control.

### PREHARVEST INTERVAL

The required days between last application and harvest are given in ( ) after each crop name.

CROP	DISEASE	LBS OF PRODUCT/ACRE	COMMENTS
Apricot (10)	Fruit decay <i>Monilinia</i> brown rot <i>Rhizopus</i> rot	25	
	<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> <li>Do not allow animals to graze treated areas.</li> </ul>		
Grapes (14)	Bunch rot, Storage rot ( <i>Botrytis</i> rot)	25	Apply at cluster tightening with BOTRAN 6% DUST application and repeat at 2-week intervals.
	<ul style="list-style-type: none"> <li>Do not enter or allow worker entry into treated areas during the restricted entry interval of 14 days when applied to grapes.</li> <li>Cane turning and girdling grapes is prohibited for 30 days following application of Botran 6%.</li> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> <li>NOTE: Use limited to grapes grown west of the Rocky Mountains only.</li> </ul>		
Lettuce (leaf only) (14) (Greenhouse)  (Field)	Blight <i>Botrytis</i> gray mold rot <i>Botrytis cinerea</i>	30	Dust 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants or seedlings.
	Drop or watery soft rot <i>Sclerotinia</i> sclerotiorum <i>Botrytis</i> gray mold rot <i>Botrytis cinerea</i>	30	Apply first BOTRAN 6% DUST application at thinning. Repeat application 7 days later.
<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> </ul>			
Onion, Garlic, and Shallot (14)	<i>Botrytis</i> rot	41 2/3 - 66 2/3	Apply only at planting.
	<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> <li>Do not make more than one application per year.</li> <li>Do not plant spinach as a follow-up crop in treated soil.</li> </ul>		
Snap Bean (2)	White mold <i>Sclerotinia</i> sclerotiorum (Sclerotinirose)	33 1/3 (push and pole varieties)	Apply when disease is anticipated.
	<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> <li>Do not feed treated foliage to livestock.</li> </ul>		
Tomato (greenhouse) (10)	Stem canker <i>Botrytis cinerea</i>	12 1/2	Dust stem of plant from ground level up to a height of 18-24 inches in anticipation of disease. Repeat weekly or as necessary
	<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> </ul>		

### DIRECTIONS FOR USE ON ORNAMENTAL CROPS

CROP	DISEASE	LBS OF PRODUCT/ACRE	COMMENTS
Rose Hydrangea	Blight and gray mold <i>Botrytis cinerea</i>	12 ½	<b>Field:</b> Apply BOTRAN 6% DUST prior to shipment or storage.  <b>Stored:</b> Thoroughly dust storage area and all canes and dead foliage; Repeat application during long storage periods.
<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> </ul>			
Chrysanthemum Geranium Rose	Blight <i>Botrytis</i>	12 ½	<b>Stock cuttings or greenhouse plants:</b> Begin applications when disease is anticipated or first appears. Dust foliage and flower at 7 to 14 day intervals. During prolonged damp, cool periods, apply every 5 to 7 days.
<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> </ul>			
Gladiolus	Dry Rot <i>Stromatinia gladioli</i>	12 ½	Dust into furrow at planting time so that treated soil surrounds corms.
	Blight <i>Botrytis</i>	12 ½	Dust thoroughly to insure coverage between spikes. Apply to bunched cut flower spikes after harvest and before shipment or storage.
<ul style="list-style-type: none"> <li>Do not apply more than 66 2/3 lb formulated product per acre per year.</li> </ul>			

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store in original container and keep closed. Store in a cool, dry place.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS**

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. To the extent consistent with applicable law, all such risks are assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

TO THE FULLEST EXTENT PERMITTED BY LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL

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THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT,  
AT GOWAN COMPANY'S SOLE DISCRETION.

Botran® is a registered trademark of Gowan Company LLC.

EPA Text Pending RED: Botran 6% Dust (sent to EPA 7-10-07)