

10163-191

8-10-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

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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 15% Dust Fungicide
EPA Reg. No. 10163-191
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.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mary L. Waller".

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

Enclosure

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Botran 15% Dust Fungicide

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

ACTIVE INGREDIENT:	% By Wt.
2, 6-dichloro-4-nitroaniline	15.0%
INERT INGREDIENTS	85.0%
	TOTAL 100.0%

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	<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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 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.
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.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid inhalation of dust or spray mist. Avoid contact with skin and eyes.

**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.**

10163-191

NET CONTENTS _____ POUNDS



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

EPA Reg. No. 10163-191
EPA Est. No. 67545-AZ-1

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Natural Rubber, Polyethylene, 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

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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 (ASAI 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.

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 15% DUST may be made with ground equipment. Good coverage is essential for good disease control.

- Do not apply more than 26 2/3 lbs formulated product per acre per year.
- 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 respond appropriately.

PREHARVEST INTERVAL

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

Crop	Disease	BOTRAN 15% DUST lb. per acre	Use
Apricot (10)	Fruit decay <u>Monilinia</u> brown rot <u>Rhizopus</u> rot	10	Do not allow animals to graze treated areas.
Grape (14)	Bunch rot, <u>Botrytis</u> rot Storage rot	10	Apply at cluster tightening with BOTRAN 15% DUST application and repeat at 2-week intervals. Allow 1 day between application and harvest.
	<ul style="list-style-type: none"> • Do not enter or allow worker entry into treated areas during the restricted entry interval of 14 days when applied to grapes. • Cane turning and girdling grapes is prohibited for 30 days following application of Botran 5F. • NOTE: Use limited to grapes grown west of the Rocky Mountains only. 		
Lettuce (leaf only) (14) (greenhouse)	Blight <u>Botrytis</u> gray mold rot <u>Botrytis</u> cinerea	12	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 <u>Sclerotinia</u> sclerotiorum <u>Botrytis</u> gray mold rot <u>Botrytis</u> cinerea	12	Apply first BOTRAN 15% DUST application at thinning. Repeat application 7 days later.
Onion, Garlic, and Shallot (14)	<u>Botrytis</u> rot	16 2/3 - 26 2/3	Apply only at planting.
Snap Bean (2)	White mold <u>Sclerotinia</u> sclerotiorum (Sclerotiniose)	13 1/3 (pole and bush varieties)	Apply when disease is anticipated.
Tomato (10) (greenhouse)	Stem canker <u>Botrytis</u> cinerea	5	Dust stem of plant from ground level up to a height of 18-24 inches. Do not make more than 4 applications per crop.

DIRECTIONS FOR USE ON ORNAMENTAL CROPS

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Do not apply more than 26 2/3 lbs formulated product per acre per year.

Crop	Disease	BOTRAN 15% DUST lb. per acre	Use
Rose Hydrangea	Blight and gray mold <u>Botrytis cinerea</u>	5	Field: Apply BOTRAN 15% DUST prior to shipment or storage. Stored: Thoroughly dust storage area and all canes and dead foliage; Repeat application during long storage periods.
Chrysanthemum Geranium Rose	Blight <u>Botrytis</u>	5	Stock cuttings or greenhouse plants: 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.
Gladiolus	Dry Rot <u>Stromatinia gladioli</u>	5	Dust into furrow at planting time so that treated soil surrounds corms.
	Blight <u>Botrytis</u>	5	Dust thoroughly to insure coverage between spikes. Apply to bunched cut flower spikes after harvest and before shipment or storage.

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.

Dealers Should Sell in Original Packages Only

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 shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label and is reasonably fit for the intended purpose referred to 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 THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

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