

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Robert E. Hawk
Gowan Company
1644 Engler Avenue
P.O. Box 5569
Yuma, AZ 85366

NOV 15 1993

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Dear Mr. Hawk:

Subject: Amended Labeling
Botran 8% Dust
EPA Registration No. 10163-187
Your Submission Dated August 16, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided that you.

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. In the line below "Hazards to Humans and Domestic Animals", delete "spray mist" since this product is applied only as a dust.

b. Under Directions for Use, note that the product name is misspelled throughout.

c. Under Ornamentals, rose and hydrangea should appear on separate lines or be separated in some other manner.

d. Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically §156.200(c)(3): "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994." Should you have questions regarding the WPS, direct all inquiries to the toll-free WPS Labeling Information Line, 1-800-777-2185.

CONCURRENCES

SYMBOL	7505C:J. Fairfax:10163187:11, 9/93				
SURNAME	A. Fairfax CHAMBERS				
DATE	11/10/93 11/15/93				

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2. Submit one (1) copy of the final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Benjamin C. Chambliss

for
Sidney C. Jackson
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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BOTRAN 8% Dust Fungicide

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

ACTIVE INGREDIENT:

~~Botrytis cinerea~~ 8.00% w/w

INERT INGREDIENTS: 92.00% w/w

Total 100.00% w/w

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Remove contaminated clothing and wash with soap and water.

IF IN EYES: Flush with water. If eye irritation persists, call a physician.

IF SWALLOWED: Drink warm water and induce vomiting by touching back of the throat with finger and/or by administering syrup of ipecac. Follow with milk and a mild cathartic (Milk of Magnesia). Call a physician or Poison Control Center immediately. Never give fluids or induce vomiting if patient is unconscious or having convulsions.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

ENVIRONMENTAL HAZARDS

Toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

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 such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

REENTRY STATEMENT

Do not enter treated areas without protective clothing until dusts have settled. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

STORAGE AND DISPOSAL

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

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.

ACCEPTED
NET CONTENTS with COMMENTS _____ POUNDS
107 55 1993

EPA Reg. No. 10163-187
EPA Est. No. 10163-AZ-1

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

10163-187

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

DIRECTIONS FOR USE ON EDIBLE CROPS

Applications of BOTAN 8% 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.

Crop	Disease	BOTAN 8% DUST lb. per acre	Use
Apricot	Fruit decay <u>Monilinia</u> brown rot <u>Rhizopus</u> rot	37	Apply 10 days and 1 day prior to harvest. Allow 1 day between applications and harvest. Do not allow animals to graze treated areas.
Grape NOTE: Use limited to grapes grown west of the Rocky Mountains only.	Bunch rot <u>Botrytis</u> rot Storage rot	22	For best results, apply BOTAN 75W spray soon after shatter. (See BOTAN 75W label for directions.) Follow after cluster lightening with BOTAN 8% DUST application and repeat at 2-week intervals. Allow 1 day between application and harvest.
Lettuce (leaf only) (greenhouse)	Blight <u>Botrytis</u> gray mold rot <u>Botrytis</u> cinerea	22	Dust 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants, seedlings, or later than 14 days before harvest.
(field)	Drop or watery soft rot <u>Sclerotinia sclerotiorum</u> <u>Botrytis</u> gray mold rot <u>Botrytis</u> cinerea	22	Apply first BOTAN 8% DUST application at thinning. Repeat application 7 days later. Do not apply within 14 days of harvest.
Onion and Garlic	White rot <u>Sclerotium cepivorum</u>	185-300* (broadcast or 43,560 linear ft. of furrow) (*Use 30-50 lbs. per acre in North Central States)	Direct seeding: Mix (broadcast-incorporate) BOTAN 8% DUST in top 1 1/2 inches of soil 1-2 weeks before onions are seeded. Planting sets or buds: Apply as broadcast-incorporation or in furrow with standard dusting equipment prior to planting sets or buds. NOTE: Plow to 8 inches and cross disc BC TRAN-treated area prior to seeding sensitive follow-up crops to prevent injury (Lettuce). Do not plant spinach as follow-up crop in treated soil.
Snap Bean	White mold <u>Sclerotinia sclerotiorum</u> (Sclerotiniase)	37 (pole varieties) 20 (bush varieties)	Begin applications when disease is anticipated and continue at 7-day intervals during periods favorable to development of disease. Do not apply within 2 days of any harvest. Do not feed treated foliage to livestock.
Tomato	Stem canker <u>Botrytis</u> cinerea	22	Dust stem of plant from ground level up to a height of 18 to 24 inches. Repeat weekly or as necessary.

DIRECTIONS FOR USE ON ORNAMENTAL CROPS

Crop	Disease	BOTAN 8% DUST lb. per acre	Use
Rose Hydrangea	Blight and gray mold <u>Botrytis cinerea</u>	22	<p>Field: Apply BOTAN 8% DUST prior to shipment or storage.</p> <p>Stored: Thoroughly dust storage area and all canes and dead foliage; repeat application during long storage periods.</p>
Chrysanthemum Geranium Rose	Blight <u>Botrytis</u>	22	<p>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.</p>
Gladiolus	Dry rot <u>Stromatinia gladioli</u> (soil)	185	<p>Dust into furrow at planting time so that treated soil surrounds corms. 100 lb. will treat one acre in furrows 1 ft. wide spaced 3 ft. apart (14,520 linear ft. of furrow).</p>
	Blight <u>Botrytis</u>	22	<p>Dust thoroughly to insure coverage between spikes. Apply to bunched cut flower spikes after harvest and before shipment or storage.</p>

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

(BOTAN 8% DUST WPS label)