

Reg # 10163-207

PM-21

198



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
10163-207

Date of Issuance:
DEC 21 1994

Term of Issuance: Conditional

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Name of Pesticide Product:
Botran 75WSB Fungicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Robert E. Hawk
Senior Regulatory Scientist
Gowan Company
P. O. Box 5569
Yuma, AZ 85366-5569

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Include on the label a general statement indicating when to apply the high and low rates, since the label contains a broad range of dosage rates.
3. Complete the directions for use for apricots and grapes by indicating when to begin application and frequency or schedule of repeat applications for these crops.
4. Add, for cucumbers, "when disease first appears" to the first sentence of directions for use.
5. Submit five copies of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. The Confidential Statement of Formula is acceptable.

Signature of Approving Official

Date

DEC 1 1994

278

DEC 1 1994

NOTE TO: File 10163-207

Product Chemistry and Precautionary Labeling reviews are not necessary because this product is the same as a currently registered product, 10163-189. The subject product, 10163-207 is different in that it is a "water soluble package" product. The company requested the new registration rather than an alternate formulation because of the difference in labeling. We have required that the company make changes in this labeling to be in compliance with current regulations.

Leonard Cole, Acting Product Manager, 21

3
GPA

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 21 1994

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

10163-207

[center panel]

BOTRAN 75WSB Fungicide

ACTIVE INGREDIENT:

2,6-dichloro-4-nitroaniline

75% w/w

INERT INGREDIENTS

25% w/w

Total

100% w/w

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Shoes plus socks

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.

USER SAFETY RECOMMENDATIONS

User 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.

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.

DO NOT REUSE EMPTY CONTAINER.

IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO (800) 424-9300.

BEST AVAILABLE COPY

478

NET CONTENTS _____ POUNDS

EPA Reg. No. 10163-189
EPA Est. No. 10163-AZ-1

GOWAN COMPANY
P. O. Box 5569
Yuma, AZ 85366-5569

NOT FOR MANUFACTURING OR POSTHARVEST USE EXCEPT AS RECOMMENDED ON THE LABEL. THIS PRODUCT CONTAINS AN ADDITIVE NOT APPROVED FOR POSTHARVEST USE ON FOOD CROPS.

=====

[side panel]

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 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 interval. 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
- Waterproof gloves
- Shoes plus socks

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 waste 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.

CHEMIGATION STATEMENT

Do not apply this product through any type of irrigation system except as described in Directions for Use in supplemental Special Local Need labeling.

BEST AVAILABLE COPY

57

GENERAL USE DIRECTIONS

EQUIVALENTS

One water-soluble packet contains 1 pound of Botran 75 W Fungicide. Five water-soluble packets are contained in each 5-lb bag.

COMPATIBILITY

Botran 75WSB Fungicide can normally be mixed with other fungicides, insecticides or defoliants formulated as wettable powders. It is suggested that such combinations be used on a small number of plants before treating large areas. However, combination sprays of Botran 75WSB Fungicide and miscible oil formulations of insecticides, particularly organic phosphorous compounds, may cause plant injury. Check for compatibility before large-scale treatment.

DILUTION DIRECTIONS

The rate required for thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are intended to cover a broad range of conditions.

Dilute application: Field, row, greenhouse and nursery crops: Apply specified rate in 20 to 100 gallons of water per acre. Tree and vine crops: Apply specified rate in 20 to 500 gallons of water per acre.

Concentrate application: Field, row, greenhouse and nursery crops: Apply specified rate in not less than 10 gallons of water per acre. Tree and vine crops: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these applications.

Air application: Field, row, tree and vine crops: Apply specified rate in a minimum of 5 gallons of water per acre.

DIRECTIONS FOR USE OF WATER SOLUBLE BAGS

Packets containing Botran 75WSB Fungicide are water soluble. After opening outer bag, avoid exposing inner bags to moisture and do not allow to become wet prior to adding to the spray tank. Do not handle inner bag with wet hands. Reseal outer bag in a manner that protects remaining packets from moisture. To prepare the spray mixture, drop the required number of unopened packets, as determined in the DIRECTIONS FOR USE below, into the spray tank while filling with water to the desired level. Whenever possible, direct the fill water over the top of the packets to increase the rate of solubility. Where dosages of Botran 75WSB Fungicide are expressed as fractions of pounds, prepare the tank mix load to the lower of the nearest whole pound. Operate the agitator while mixing. Do not allow spray mixture to stand. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately three to five minutes from the time they were added to the spray tank. Once the packets have completely dissolved, add other chemicals following conventional mixing order practices. Tank mix solutions containing boron will reduce the solubility of the water soluble film. When preparing tank mixes containing boron, add the correct amount of Botran 75WSB Fungicide to the spray tank first. Make sure that the water soluble packets are completely dissolved. Add boron preparations to the spray tank last.

USE LIMITATIONS

Do not exceed the maximum rate of Botran 75WSB Fungicide per acre or the time limitations specified for the individual crops.

BEST AVAILABLE COPY

Crop	Disease	Directions for Use
DIRECTIONS FOR USE ON TREE AND VINE CROPS		
Apricot	Fruit decay <u>Monilinia</u> brown rot <u>Rhizopus</u> rot	Apply 1½ - 5½ pounds per acre. Do not make more than two applications per season. May be applied up to 10 days before harvest.
Grape	Bunch rot <u>Botrytis</u> rot	Use 2 - 5½ pounds per acre of Botran 75WSB Fungicide for control of <u>Botrytis</u> bunch rot (<u>Botrytis cinerea</u>). Up to 5½ pounds of Botran 75WSB Fungicide may be applied per season. When combining Botran 75WSB Fungicide with gibberellin, use with the last gibberellin application. Note: Use is limited to grapes grown west of the Rocky Mountains only.
Peach and Nectarine	Blossom blight <u>Monilinia</u>	Apply 1½ - 5½ pounds per acre at pink bud and full bloom.
	Fruit decay <u>Monilinia</u> brown rot <u>Rhizopus</u> rot	Apply 1½ - 5½ pounds per acre 18 days and 10 days before harvest.
Plum and Prune	Blossom blight <u>Monilinia</u> brown rot	Apply 1½ - 5½ pounds per acre at popcorn and full bloom.
Sweet Cherry	Blossom blight <u>Monilinia</u>	Apply 1½ - 5½ pounds per acre at popcorn, bloom, full bloom and petal fall.
	Fruit decay <u>Monilinia</u> brown rot <u>Rhizopus</u> rot	Apply 1½ - 5½ pounds per acre 10 days before harvest.
DIRECTIONS FOR USE ON ROW CROPS		
Celery	Pink rot <u>Sclerotinia</u> <u>sclerotiorum</u>	Apply 2 pounds per acre. Begin application when disease is anticipated approximately 10 weeks before harvest. Repeat at 7-day intervals in summer or 14-day intervals in fall and winter. May be applied up to 7 days before harvest. OR If early disease is not likely, make a single application of 5½ pounds of Botran 75WSB Fungicide per acre 4 - 8 weeks before harvest. Use a sprayer with a drop nozzle boom to direct spray to the base of plants and adjacent soil.
Endive (Escarole)	<u>Botrytis</u> gray mold rot <u>Botrytis cinerea</u>	Apply 2½ pounds per acre 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants or seedlings. May be applied up to 14 days before harvest. OR Apply 2½ pounds of Botran 75WSB Fungicide per acre at thinning and repeat application 7 days later. Use a sprayer with a drop nozzle boom to direct spray to the lower portion of plants and surrounding soil. May be applied up to 14 days before harvest. Note: Some leaf bronzing may be noted soon after application, but the effect is of a temporary nature. Two applications of Botran 75WSB Fungicide per season may be applied.

BEST AVAILABLE COPY

Crop	Disease	Directions for Use
Lettuce (leaf and head)	Drop or watery soft rot <u>Sclerotinia sclerotiorum</u> <u>Sclerotinia minor</u> Botrytis gray mold rot <u>Botrytis cinerea</u>	Apply 2 pounds per acre preemergence or before thinning as a band or broadcast spray over the transplanted or seeded row. Make a second application of 3½ pounds per acre immediately after thinning. Up to 5½ pounds of Botran 75WSB Fungicide per acre per season may be applied. OR Make a single application of 5½ pounds per acre immediately after thinning.
Onion, Garlic and Shallot	<u>Botrytis rot</u> <u>Botrytis cinerea</u> White rot (neck rot) <u>Sclerotium</u>	Apply 1½ - 2½ pounds per acre when disease is anticipated. Repeat at 14-day intervals if necessary. May be applied up to 14 days before harvest. Apply up to 5½ pounds per field acre in a narrow band when planting sets or buds.
Potato	<u>Botrytis blight</u> White mold <u>Sclerotinia sclerotiorum</u>	Apply 2 pounds per acre beginning at layby. Continue applications at 10 - 14 day intervals. May be applied up to 14 days before harvest. Do not feed treated potatoes to livestock. Note: Use is limited to the North Central states only.
Snap Bean	White mold <u>Sclerotinia sclerotiorum</u> (Sclerotiniase)	Apply 2½ pounds per acre to bush varieties or 4 pounds per acre to pole varieties per acre. Begin applications when disease is anticipated and continue at 7-day intervals during periods favorable to the development of disease. May be applied up to 2 days before any harvest. Do not feed treated foliage to livestock.
Sweet Potato	Scurf <u>Monilochaetes infuscans</u> Sclerotial blight <u>Sclerotium rolfsii</u>	Seed dip: Dip seed sweet potatoes 10 to 15 seconds in a well-agitated suspension containing 1 pound of Botran 75WSB Fungicide in 7.5 gallons of water. Drain sweet potatoes and bed promptly. Prepare fresh Botran 75WSB Fungicide suspension daily. OR Bed spray: Use 3 - 3½ pounds of Botran 75WSB Fungicide per 1000 square feet of plantbed. Spray Botran 75WSB Fungicide suspension over bedded sweet potatoes before covering them with soil. Caution: Do not plant tomatoes as a follow-up crop.
DIRECTIONS FOR USE ON GREENHOUSE, HOTHOUSE AND ORNAMENTAL CROPS		
Cucumber	White mold <u>Sclerotinia sclerotiorum</u>	Apply 1½ pounds per acre (43,560 sq. ft.) to diseased areas of plants. Additional applications may be required after 14 days. May be applied up to one day before any harvest.
Lettuce (leaf only)	<u>Botrytis gray mold rot</u> <u>Botrytis cinerea</u>	Apply 2½ pounds per acre (43,560 sq. ft.) 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants or seedlings. Apply up to 14 days before harvest. Note: Some leaf bronzing may be noted soon after application, but the effect is of a temporary nature.
Rhubarb	<u>Botrytis leaf rot</u>	Apply 1½ pound per acre (43,560 sq. ft.). Begin applications when first buds emerge from crowns and repeat at weekly intervals. May be applied up to three days before harvest.
Tomato	Stem canker <u>Botrytis</u>	Apply 1 pound per acre (43,560 sq. ft.). Spray stem of plant from ground level up to a height of 18 to 24 inches. Repeat weekly or as necessary. Seedlings or newly set transplants may be injured by drenching. May be applied up to 14 days before harvest.

Crop	Disease	Directions for Use
Chrysanthemum, Geranium and Rose	Blight <u>Botrytis</u>	Stock cuttings or greenhouse plants: Apply 1 pound in 150 to 200 gallons of water. Begin when disease is anticipated or first appears. Spray foliage and flowers at 7 to 14 day intervals. During prolonged damp, cool periods, apply every 5 to 7 days.
Gladiolus	Blight <u>Botrytis</u>	Foliar treatment: Apply 5 1/2 pounds of Botran 75 WSB Fungicide per acre to growing plants. After cutting and before shipment, spray a suspension of 1 pound in 150 gallons of water on flower spikes.
	Dry rot <u>Stromatinia</u>	Bulb dip: Soak bulbs for 20 - 30 minutes in a suspension of 1 pound of Botran 75WSB Fungicide per 75 gallons.
Rose and Hydrangea	Blight <u>Botrytis</u>	Field plants: Apply 1 pound of Botran 75WSB Fungicide in 75 gallons of water before shipment or storage.
Conifers, Christmas trees (nursery, greenhouse, container and bare root stock)	Blight <u>Botrytis</u>	Apply 1 1/2 - 2 1/2 pounds of Botran 75WSB per acre (43,560 sq. ft.) as a foliar spray when disease is anticipated or first appears and repeat at 10-14 day intervals. Spray foliage until thoroughly wet. Alternating Botran 75WSB Fungicide with other fungicides is recommended.

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 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.

BEST AVAILABLE COPY