

10163-226

11/17/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

NOV 17 2008

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

**SUBJECT:** Application for Pesticide Notification – Added CA Restrictions  
Botran® 5F Fungicide  
EPA Reg. No. 10163-226  
Application Dated September 26, 2008

Dear Ms. Smith:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the label changes requested fall within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "L. Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved

No. 2070-0080



United States Environmental Protection Agency Washington, DC 20460

|                                     |              |
|-------------------------------------|--------------|
| <input type="checkbox"/>            | Registration |
| <input type="checkbox"/>            | Amendment    |
| <input checked="" type="checkbox"/> | Other        |

OPP Identifier Number

Application for Pesticide - Section I

|   |  |  |
|---|--|--|
| 1. Company/Product Number<br>10163-226  | 2. EPA Product Manager<br>Mary Waller  | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Botran SF  | PM#  |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>Gowan Company<br>P.O. Box 5569 Yuma, AZ 85365<br><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:<br><b>NOTIFICATION</b><br>EPA Reg. No. <u>NOV 17 2008</u><br>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.)

Section - III

|   |   |  |   |   |                                  |
|---|---|--|---|---|----------------------------------|
| 1. Material This Product Will Be Packaged In:   |   |  |   | 2. Type of Container  |                                  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No  | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No |   | <input type="checkbox"/> Metal  | <input type="checkbox"/> Plastic |
| * Certification must be submitted   |   | If "Yes" Unit Packaging wgt. No. per container   | If "Yes" Package wgt. No. per container | <input type="checkbox"/> Glass  | <input type="checkbox"/> Paper   |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input type="checkbox"/> Container  |   | 4. Size(s) Retail Container  |   | 5. Location of Label Directions<br><input type="checkbox"/> On Label<br><input type="checkbox"/> On Labeling accompanying product |                                  |
| 6. Manner in Which Label is Affixed to Product<br><input type="checkbox"/> Lithograph<br><input type="checkbox"/> Paper glued<br><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<br>Kyla S. Smith   | Title<br>Registration Specialist    | Telephone No. (Include Area Code)<br>928-819-1581 |
| Certification<br>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. |                                     | 6. Date Application Received<br>(Stamped)         |
| 2. Signature<br>  | 3. Title<br>Registration Specialist |   |
| 4. Typed Name<br>Kyla S. Smith  | 5. Date<br>9-26-08                  |   |



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# Botran® 5F Fungicide

|                                    |  |                     |
|------------------------------------|--|---------------------|
| <b>ACTIVE INGREDIENT:</b>          |  | <b>% BY. WT.</b>    |
| 2, 6-dichloro-4-nitroaniline ..... |  | 46.7%               |
| <b>OTHER INGREDIENTS</b> .....     |  | <b>53.3%</b>        |
|                                    |  | <b>TOTAL 100.0%</b> |

Contains 5 lbs. dicloran per gallon

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID

|                        |  |
|------------------------|--|
| If swallowed           | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| If on skin or clothing | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| If inhaled             | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| If in eyes             | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |

### HOT LINE 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 CAUTION

Harmful if swallowed. Avoid inhalation of spray mist. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling.

### NOTIFICATION

NOV 17 2008

NET CONTENTS \_\_\_\_\_ GALLONS

EPA Reg. No. 10163-226  
EPA Est. No. 67545-AZ-1



Produced For:  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 86366-5569

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

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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 mixers, loaders, applicators and other handlers must wear:

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

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

### USER SAFETY RECOMMENDATIONS

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

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

### 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 any 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.

### 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.

### 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.

**Grapes:** 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 areas. Cane turning and girdling grapes is prohibited for 30 days following applications of DCNA.

**All other crops and use patterns:** For all other crops and use patterns, do not enter or allow worker entry during the restricted entry interval 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

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 10 mph 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.

**RELEASE HEIGHT (AERIAL APPLICATION):** Do not release spray at a height greater than 10 feet above the ground or crop canopy.

Additional requirements for aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter
- Aerial applicators must consider flight speed and nozzle orientation in determining droplet size
- When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind

Additional requirements for airblast applications:

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

### ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

### CHEMIGATION STATEMENT

This product can be applied through the following types of chemigation systems: Sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, or drip irrigation systems. Do not apply this product through any other type of irrigation system. Refer to section entitled GENERAL CHEMIGATION USE INSTRUCTIONS for specific directions for use.

### GENERAL USE DIRECTIONS

Apply lower rates of BOTRAN 5F Fungicide when disease pressure is anticipated to be light. Use higher rates for severe disease pressure.

### COMPATIBILITY

BOTRAN 5F Fungicide can normally be mixed with other fungicides, insecticides, or defoliant. It is suggested that such combinations be used on a small number of plants before treating large areas. However, combination sprays of BOTRAN 5F and miscible oil formulations of insecticides, particularly organic phosphorous compounds, may cause plant injury. Check for compatibility before large-scale treatment. Do not combine with any products unless previous use or small-scale treatment has proven mixture is physically compatible and safe to plants. When mixing BOTRAN 5F Fungicide with any other product, add wettable powder or dry flowable formulations first, and then add liquid products.

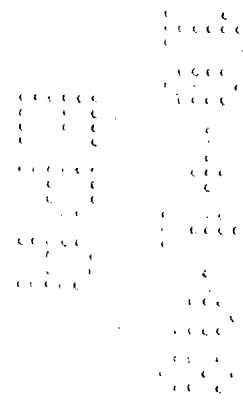
### DILUTION DIRECTIONS

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 50-100 gals. of water per acre. **Tree and vine crops:** Apply specified rate in 50-500 gals. of water per acre.

**CONCENTRATE APPLICATION: Field, row, greenhouse, and nursery crops:** Apply specified rate in not less than 10 gals. of water per acre. **Tree and vine crops:** Apply specified rate in 50-100 gals. 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 gals. of water per acre.



PREHARVEST INTERVAL

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

USE LIMITATIONS

Do not exceed the maximum rate of BOTRAN 5F Fungicide per acre or the time limitations specified for the individual crops.

DIRECTIONS FOR USE ON TREE AND VINE CROPS

| CROP                             | DISEASE   | DOSAGE QTS./ACRE              | COMMENTS   |
|----------------------------------|---|-------------------------------|--|
| APRICOTS (10)                    | Fruit decay<br><i>Monilinia</i><br>brown rot<br><i>Rhizopus</i> rot   | 1 <sup>1</sup> / <sub>5</sub> | Apply 18 days and 10 days before harvest.  |
|                                  | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> </ul>  |                               |  |
| GRAPES (14)                      | Bunch rot<br><i>Botrytis</i> rot<br><i>Botrytis</i> stem rot<br>Storage rot<br><i>Botrytis cinerea</i>  | 1 <sup>1</sup> / <sub>5</sub> | Begin applications when disease is anticipated. Repeat applications at 7-day intervals or as needed.                   |
|                                  | <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 5F.</li> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> <li>BOTRAN 5F used in combination with sulfur products may cause marking to sensitive varieties such as Fiesta.</li> <li><b>Note:</b> Use is limited to grapes grown west of the Rocky Mountains only.</li> </ul> |                               |  |
| PEACHES (10),<br>NECTARINES (10) | Blossom blight<br><i>Monilinia</i><br>Fruit decay<br><i>Monilinia</i><br>brown rot<br><i>Rhizopus</i> rot   | 1 <sup>1</sup> / <sub>5</sub> | For blossom blight, apply at pink bud and full bloom. For fruit decay, apply 18 days and 10 days before harvest.       |
|                                  | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> </ul>  |                               |  |
| PLUMS,<br>PRUNES (10)            | Blossom blight<br><i>Monilinia</i><br>brown rot   | 1 <sup>1</sup> / <sub>5</sub> | Apply at popcorn and full bloom.   |
|                                  | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> </ul>  |                               |  |
| SWEET<br>CHERRIES (10)           | Blossom blight<br><i>Monilinia</i><br>Fruit decay<br><i>Monilinia</i><br>brown rot<br><i>Rhizopus</i> rot   | 1 <sup>1</sup> / <sub>5</sub> | For blossom blight, apply at popcorn, bloom, full bloom and petal fall. For fruit decay, apply 10 days before harvest. |
|                                  | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> </ul>  |                               |  |





|   |  |               |   |
|---|--|---------------|---|
| LETTUCE<br>(LEAF AND HEAD) (14)   | Drop rot<br>Watery soft rot<br><i>Sclerotinia</i>  | 3/5           | <b>At time of planting:</b> Apply 3/5 qt. in a 4-6 inch band over seedlings after seeding or before transplanting. Transplants may be sprayed following planting.   |
|   | <i>sclerotiorum</i><br><i>Sclerotinia</i>  | 3/5 - 1 4/5   | <b>Prethinning:</b> Apply 3/5-1 4/5 qts. as a directed spray over unthinned seedlings.  |
|   | <i>minor</i><br>Gray mold rot<br><i>Botrytis</i><br><i>cinerea</i>   | 1 4/5 - 3 1/5 | <b>Post-thinning (direct seeded) and Established Transplants:</b> Apply 1 4/5-3 1/5 qts. as a basal drench in 50-100 gals. of water as soon after thinning as possible. Following this treatment, soil surrounding the plants should not be disturbed. A second post-thinning treatment may be made if significant soil disturbance occurs or high soil moisture conditions exist.  |
| <ul style="list-style-type: none"> <li>Do not apply more than 3 1/5 quarts formulated product per acre per year.</li> <li><b>Note:</b> One or more of the above treatments may be made to the same crop; however, do not apply more than 3 1/5 qts. of Botran per acre per crop or within 14 days of harvest.</li> <li><b>Note: When applying in a band, do not reduce the per acre rate.</b></li> <li>Certain environmental conditions or tank-mix combinations may cause minor leaf bronzing which should be temporary and quickly outgrown.</li> </ul> |  |               |   |
| ONIONS (14),<br>GARLIC (14),<br>SHALLOTS (14)   | White rot<br><i>Sclerotium</i><br><i>cepivorum</i>   | 2 - 3 1/5     | <b>Direct seeded:</b> For white rot control, apply a 5 inch band over seed row/bed and incorporate in to 1 1/2 inches of soil 1-2 weeks before onions are seeded. Use restricted to eastern Oregon, eastern Washington, and western Idaho.<br><b>Planting sets or buds:</b> For white rot control in furrow applications, use low-pressure spray equipment. Use 50 mesh or coarser screens. Center the front nozzle on the furrow. Spray a 5-inch band on 40-inch beds. |
|   | Leaf blight<br><i>Botrytis</i> rot<br><i>Botrytis</i><br><i>cinerea</i>  | 1 - 2         | Apply when disease is anticipated. Repeat at 14-day intervals if necessary.   |
|   | Neck rot<br><i>Botrytis allii</i><br>(except CA)   | 1 - 2         | Apply when disease is anticipated. Repeat at 14-day intervals if necessary.   |
| <ul style="list-style-type: none"> <li>Do not apply more than 3 1/5 quarts formulated product per acre per year.</li> </ul>   |  |               |   |
| POTATOES (14)   | <i>Botrytis</i> blight<br>White mold<br><i>Sclerotinia</i><br><i>sclerotiorum</i>  | 1 1/5         | Apply beginning at layby. Continue applications at 10-14 day intervals.   |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 6 quarts formulated product per acre per year.</li> <li><b>Note:</b> Use is limited to the North Central (MI, MN, ND &amp; WI) and North Western (ID, OR &amp; WA) states only.</li> </ul> |               |   |
| POTATOES (20)   | White mold<br><i>Sclerotinia</i><br><i>sclerotiorum</i>  | 1 1/5 - 3 2/3 | For white mold, begin treatment when vines are within 6 - 8 inches from closing of rows just prior to layby.  |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 6 quarts formulated product per acre per year.</li> <li><b>Note:</b> Use is limited to the Idaho, Oregon and Washington only.</li> </ul>   |               |   |



DIRECTIONS FOR USE ON GREENHOUSE AND JOYHOUSE

| CROP  | DISEASE   | DOSAGE<br>QTS.   | COMMENTS  |
|---|---|--|---|
| CUCUMBERS<br>(1)  | White mold<br><i>Sclerotinia sclerotiorum</i>   | 4/5 per 100<br>gallons of<br>water                           | Apply when disease first appears to diseased areas of plants.   |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 4/5 quarts formulated product per acre per year.</li> </ul>   |  |   |
| LETTUCE<br>(LEAF ONLY)<br>(14)                                  | Gray mold rot<br><i>Botrytis cinerea</i>  | 1 <sup>3</sup> / <sub>5</sub> per 100<br>gallons of<br>water | Apply 7 days following transplanting. Repeat application when plants are half-mature. Do not apply to wilted plants or seedlings.                                       |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> <li>Certain environmental conditions or tank-mix combinations may cause minor leaf bronzing which should be temporary and quickly outgrown.</li> </ul> |  |   |
| RHUBARB (3)   | <i>Botrytis</i> leaf<br>rot   | 4/5 per 100<br>gallons of<br>water                           | Begin application when first buds emerge from crowns.   |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 4/5 quarts formulated product per acre per year.</li> </ul>   |  |   |
| GREENHOUSE<br>SEED<br>POTATOES OR<br>TRANSPLANTS<br>(except CA) | <i>Botrytis</i> blight<br>White mold<br><i>Sclerotinia sclerotiorum</i>   | 2<br>tablespoons<br>per gallon<br>of water                   | Use a hand sprayer and spray vegetation to the point of drip. Apply at 7-10 day intervals as necessary. Make a maximum of 9 applications per crop.                      |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> <li>Treated potatoes shall not be used for human or animal consumption.</li> </ul>   |  |   |
| TOMATOES<br>(10)  | Stem canker<br><i>Botrytis</i>  | 3/5 per 100<br>gallons of<br>water                           | 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. |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 3<sup>1</sup>/<sub>5</sub> quarts formulated product per acre per year.</li> <li>Do not make more than 4 applications per crop.</li> </ul>  |  |   |

DIRECTIONS FOR USE ON ORNAMENTALS AND ORNAMENTAL CROPS

| CROP  | DISEASE   | DOSAGE<br>- QTS.                        | COMMENTS   |
|---|---|---|--|
| <b>CHRYSANTHEMUMS,<br/>GERANIUMS,<br/>ROSES (except CA)</b>   | Blight<br><i>Botrytis</i>   | 3/5 per<br>150-200<br>gals. of<br>water | Apply to stock cuttings or greenhouse plants. Spray when disease is anticipated or first appears.  |
|   | <ul style="list-style-type: none"> <li>Do not apply more than 3/5 quarts formulated product per acre per year.</li> </ul> |   |  |
| <b>GLADIOLUS</b>  | Blight<br><i>Botrytis</i>   | 3/5 per<br>100 gals<br>of water.        | <b>Foliar/Field:</b> For <i>Botrytis</i> control, apply spray mixture with enough pressure to force fungicide between spikes. Use full coverage spray.   |
|   |   | 2/5 per<br>100 gals.<br>of water        | <b>Stored:</b> For <i>Botrytis</i> control, mix recommended rate in 100 gals. of water. Spray Botran suspension on slower spikes after cutting and before shipment or storage.   |
|   | Dry rot<br><i>Stromatinia</i>   | 3/5 per 75<br>gals. of<br>water         | <b>Bulb Dip:</b> For dry rot control, mix recommended rate in 75 gals. of water. Soak bulbs for 20-30 seconds in a suspension.   |
|   |   | 3/5 per<br>acre                         | <b>Furrow:</b> For dry rot control, spray a band into furrow at planting time so that treated soil surrounds corms. Treat a 3-inch band with spray directed at corms in furrows spaced 3 feet apart (14,250 linear feet of furrow per acre.)   |
| <ul style="list-style-type: none"> <li>Do not apply more than 3/5 quarts formulated product per acre per year.</li> </ul>   |   |   |  |
| <b>ROSES,<br/>HYDRANGEAS<br/>(except CA)</b>  | Blight<br><i>Botrytis</i>   | 3/5 per<br>100 gals.<br>of water        | <b>Field plants:</b> Spray before shipment or storage.<br><b>Stored plants:</b> Spray storage area thoroughly. Spray or dip plants.  |
|   |   |   | <ul style="list-style-type: none"> <li>Do not apply more than 3/5 quarts formulated product per acre per year.</li> </ul>  |
| <b>CONIFERS<br/>(container, bareroot,<br/>and greenhouse<br/>grown conifer<br/>nursery stock<br/>(conifer seedlings of<br/>Douglas fir,<br/>Hemlock, Noble fir,<br/>Sitka spruce,<br/>Western red cedar<br/>and redwood),<br/>CHRISTMAS TREES<br/>(nursery, field,<br/>greenhouse,<br/>container, bareroot<br/>stock) (except CA)</b> | Blight<br><i>Botrytis</i>   | 3/5 - 1 1/5<br>per acre                 | <b>Foliar:</b> Mix recommended rate per acre in sufficient water for thorough and complete coverage. Apply as a foliar spray when disease is anticipated or first appears. Use 1 3/5 for severe disease pressure. Repeat at 10-14 day intervals. Spray foliage until thoroughly wet. Alternating BOTRAN 5F with other fungicides is recommended. |
|   |   | 4/5 per<br>100 gals.<br>of water        | <b>Stored:</b> Spray storage area thoroughly. Spray or dip plants. Repeat application during long storage periods.   |
| <ul style="list-style-type: none"> <li>Do not apply more than 1 1/5 quarts formulated product per acre per year.</li> </ul>   |   |   |  |



