

PM 22

50534 - 23

Page 1 of 16  
File



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

JAN 6 1994

Ralph P. Burton  
ISK BIOTECH CORP.  
5966 Heisley Road  
P.O. Box 800  
Mentor, OH 44061

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/08/93 in Response to PR Notice 93-7  
EPA Reg. No. 50534-23  
BRAVO W-75 AGRICULTURAL FUNGICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with SoyCanola Ink on paper that  
contains at least 50% recycled fiber

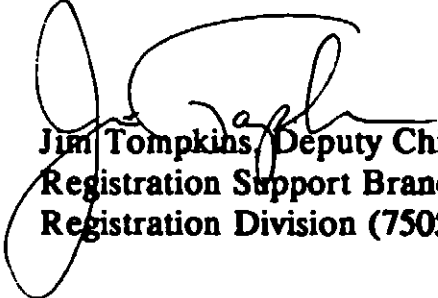
**Submit the final printed labeling via the U.S. Postal Service to:**

**Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001**

**Hand or courier deliveries of final printed labeling may be made to:**

**Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202**

**Sincerely,**



**Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)**

**Attachment**

**Net Contents**

**BRAVO® W-75**

**Agricultural Fungicide (75% Wettable Powder)**

|   |        |
|---|--------|
| <b>Active Ingredient:</b> Chlorothalonil (tetrachloroisophthalonitrile) | 75.0%  |
| <b>Inert Ingredients:</b>   | 25.0%  |
| <b>Total:</b>   | 100.0% |

**Keep Out of Reach of Children**

**DANGER-PELIGRO**

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted in detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)*

See side panel for additional precautionary statements

**~~Precaucion al Usuario:~~**

~~Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.~~

**ISK Biotech Corporation**

5966 Heisley Road  
P.O. Box 8000  
Mentor, Ohio 44061-8000

EPA Reg. No. 50534-23  
EPA Est. No. 37429-GA-2

3305-4018-1006-9309

BRAVO is a registered trademark of ISK Biotech Corporation.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JAN 6 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
50534-23

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive, causes severe eye damage. May be a potential skin sensitizer.

~~DO NOT~~ get in eyes. ~~Wear goggles or face shield when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~ Avoid prolonged contact with skin. **DO NOT** take internally. Avoid breathing dust or spray mist.

~~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.~~

**Note to User:** This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician.

**First Aid:**

In case of contact with eyes, immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

Wash exposed areas of skin with soap and warm water after handling and using.

**Note to Physician:** Persons having an allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

**DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwaters. **DO NOT** apply when weather conditions favor drift from treated areas.

Apply only to areas specified on label.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

***Agricultural Use Requirements***

*Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.*

**SEE ENCLOSED FOLDER  
FOR DIRECTIONS FOR USE**

**STORAGE AND DISPOSAL**

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Storage:** Store in a dry place.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

6 7 16

(INSERT FOLDER)

**BRAVO® W-75**

75% Wettable Powder

**Active Ingredient:** Chlorothalonil (tetrachloroisophthalonitrile) 75.0%

**Inert Ingredients:** 25.0%

---

**Total:** 100.0%

**Keep Out of Reach of Children**

**DANGER - PELIGRO**

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted in detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

See side panel for additional precautionary statements.

BRAVO is a registered trademark of ISK Biotech Corporation.

**ISK Biotech Corporation**

5966 Heisley Road

P.O. Box 8000

Mentor, Ohio 44061-8000

EPAReg. No. 50534-23

EPAEst. No. 37429-GA-2

3305-4018-8008-9309

**See Directions For Use Inside This Folder**

**CROP**

**DISEASE**

**Bean (Snap):**

Rust

**Cole Crops:**

Alternaria leaf spot (Southeastern States only), downy mildew; and ring spot on brussels sprouts (California only).

**Carrot:**

Early blight and late blight.

**Celery:**

Early blight, late blight, basal stalk rot, and suppression of pink rot.

**Corn (Sweet):**

Helminthosporium leaf blight.

**Cucumber:**

Target spot (Florida only), anthracnose, downy mildew, gummy stem blight, leaf blight, scab, fruit rot suppression, and powdery mildew (except in Southwestern States).

**Cantaloupe, Muskmelon, Honeydew:**

Anthracnose, downy mildew, gummy stem blight, Cercospora leaf spot, leaf blight, scab, and powdery mildew (except in Southwestern States).

**Watermelon, Squash, Pumpkin:**

Same as canteloupe except powdery mildew.

**Onion:**

Botrytis leaf blight (blast), purple blotch, and suppression of downy mildew.

**Peanut:**

Early leafspot (Cercospora), late leafspot (Cercosporidium).

**Potato:**

Early blight, late blight, Botrytis vine rot.

**Tomato:**

Early blight, late blight, gray leaf spot, gray leaf mold, anthracnose, Rhizoctonia fruit rot, Botrytis gray mold; and Alternaria fruit rot or blackmold (California only).

**Conifers:**

Lophodermium needlecast, Scirrhia brown spot, Scleroderris canker, Sirococcus tip

8 7 16

blight, *Phoma* spp., *Rhizosphaera* needlecast  
(spruces) and Swiss needlecast (Douglas-fir).

**Perennial Ryegrass and  
Bluegrass Grown for Seed:**

Stem rust, leaf rust and stripe rust.



**Bravo® W-75**

**Read Entire Label Carefully And Use Only As Directed.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive, causes severe eye damage.

~~DO NOT get in eyes. Wear goggles or face shield when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~ Avoid prolonged contact with skin. DO NOT take internally. Avoid breathing dust or spray mist.

~~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.~~

**Note to User:** This product may produce mild bronchial irritation and temporary irritation of the skin characterized by redness or rash on exposed skin areas. Affected persons should consult a physician.

**First Aid:**

In case of contact with eyes, immediately flush eyes with plenty of water and continue for 15 minutes. Seek medical attention for eyes immediately.

Wash exposed areas of skin with soap and warm water after handling or using.

**Note to Physician:** Persons having temporary irritation symptoms may respond to treatment with antihistamines or steroid creams and/or systemic steroids.

***Personal Protective Equipment (PPE):***

*Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).*

*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 instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.*

*When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.*

**User Safety Recommendations**

Users 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**

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment washwaters. DO NOT apply when weather conditions favor drift from treated areas.

Apply only to areas specified on label.

**GENERAL INFORMATION**

BRAVO W-75 is an excellent fungicide when used according to label directions for control of a broad spectrum of plant diseases. BRAVO W-75 can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control. DO NOT combine BRAVO W-75 in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible and noninjurious under your conditions of use.

The required amount of BRAVO W-75 should be added slowly into the spray tank during filling. With concentrate sprays, premix the required amount of BRAVO W-75 in a clean container and add to the spray tank as it is being filled. Keep agitator running when filling spray tank and during spray operations.

DO NOT use on greenhouse-grown crops.

**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 48 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, waterproof gloves, shoes plus socks, and protective eyewear.

~~Note to User: Wear goggles or face shield when handling this product. Wear long sleeve shirt, long pants, and gloves while mixing, loading and apply this product.~~

Dosage rates on this label indicate pounds of BRAVO W-75 per acre, unless otherwise stated. Applications should be made in sufficient water to obtain adequate coverage of foliage. Gallonage to be used will vary with crop and amount of plant growth. Spray volume usually will range from 20 to 150 gallons per acre for dilute sprays and 5 to 10 gallons per acre for concentrate ground sprays and aircraft applications.

~~Re-entry: Note to User: DO NOT enter treated area to perform hand labor within 24 hours of application unless protective clothing is worn.~~

~~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. Oral and written warnings must include the following information: "DANGER Area treated with BRAVO W-75 on (date of application). DO NOT enter without appropriate protective clothing for 24 hours. In case of accidental exposure, wash exposed area with plenty of water and get medical attention. For further information see 'Precautionary Statements' on the label."~~

### Application and Calibration Techniques for Sprinkler Irrigation

Apply this product only through center pivot, motorized lateral move, traveling gun, solid set and portable (wheel move, side roll, end tow, or hand move) irrigation system(s). DO NOT apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

**DO NOT** apply this product through irrigation systems connected to a public water system. "Public water system" means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year.

Controls for both irrigation water and pesticide injection systems must be functionally interlocked, so as to automatically terminate pesticide injection when the irrigation water pump motor stops. A person knowledgeable of the irrigation system and responsible for its operation shall be present so as to discontinue pesticide injection and make necessary adjustments, should the need arise.

The irrigation water pipeline must be fitted with a functional, automatic, quick-closing check valve to prevent the flow of treated irrigation water back toward the water source. The pipeline must also be fitted with a vacuum relief valve and low pressure drain, located between the irrigation water pump and the check valve, to prevent back-siphoning of treated irrigation water into the water source.

Always inject BRAVO W-75 into irrigation water after it discharges from the irrigation pump and after it passes through the check valve. Never inject pesticides into the intake line of the suction side of the pump.

Pesticide injection equipment must be fitted with a functional, normally closed solenoid-operated valve located on the intake side of the injection pump. Interlock this valve to the power system, so as to prevent fluid from being withdrawn from the chemical supply tank when the irrigation system is either automatically or manually turned off.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

Posting of areas to be chemigated is required when: 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads; or 2) when the chemigated area is open to the public.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

*This sign is in addition to any sign posted to comply with the Worker Protection Standard.*

BRAVO W-75 may be used through two basic types of sprinkler irrigation systems as outlined in Sections A and B below. Determine which type of system is in place, then refer to the appropriate directions provided for each type.

**A. Center Pivot, Motorized Lateral Move and Traveling Gun Irrigation Equipment**

For injection of pesticides, these continuously moving systems must use a positive displacement injection pump, of either diaphragm or piston type, constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock and capable of injection at pressures approximately 2-3 times those encountered within the irrigation water line. Venturi applicator units cannot be used on these systems.

Fill chemical supply tank of injection equipment with water. Operate system for one complete revolution or run across the field, measuring time required, amount of water injected, and acreage covered. Thoroughly mix recommended amount of BRAVO W-75 for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Mixture in the chemical supply tank must be continuously agitated during the injection run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until BRAVO W-75 has been cleared from last sprinkler head.

**B. Solid Set and Portable (Wheel Move, Side Roll, End Tow or Hand Move) Irrigation Equipment**

With stationary systems, an effectively designed in-line venturi applicator unit is preferred which is constructed of materials that are compatible with pesticides; however, a positive-displacement pump can also be used.

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of BRAVO W-75 for acreage to be covered with water so that the total mixture of BRAVO W-75 plus water in the injection tank is equal to the quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. Agitation is recommended. BRAVO W-75 can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until BRAVO W-75 has been cleared from last sprinkler head.

**Bean (Snap): Rust** - Use 3 lbs. per acre in sufficient water to obtain adequate coverage. Being applications during early bloom stage or when disease first threatens and repeat at weekly intervals or as necessary to maintain control. DO NOT apply

within 7 days of harvest. DO NOT graze treated areas or feed treated plant parts to livestock.

**Cabbage, Cauliflower, Broccoli, Brussels Sprouts:** *Alternaria* leaf spot (Southeastern States only) and downy mildew - Use 1 1/2 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications after transplants are set in field, or shortly after emergence of field-seeded crop or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control. Ring spot in field-seeded brussels sprouts (California only) - Use 2 lbs. per acre. Begin applications at time of early sprout development or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control.

**Carrot:** Early blight and late blight - Use 1/2 to 2 lbs. per acre in sufficient water to obtain adequate coverage. Start applications when disease threatens and repeat at 7 to 10 day intervals or as necessary to maintain control.

**Celery:** Early blight, late blight, basal stalk rot (*Rhizoctonia solani*) - Use 1 to 1 1/2 lbs. per acre on a 3 to 5 day spray schedule, or use 2 to 3 lbs. per acre on a 7 day schedule. Suppression of pink rot - Use 3 lbs. per acre on a 7 day schedule. Start applications when transplants are set in the field. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. DO NOT apply within 7 days of harvest.

For control of early blight and late blight in celery seedbeds, use 1 1/2 to 2 lbs. BRAVO W-75 per 100 gallons of water and apply 125 gallons per acre twice weekly or as needed to maintain control. Start applications shortly after crop emergence. Use the higher rate under severe disease conditions.

**Corn (Sweet):** *Helminthosporium* leaf blight - Use 1/2 to 2 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications when conditions favor disease development and repeat at 4 to 7 day intervals or as required to maintain control. DO NOT apply within 14 days of harvest. For use on fresh market crop only. DO NOT apply to sweet corn to be processed. DO NOT allow livestock to graze in treated fields. DO NOT ensile treated corn or use as livestock forage.

**Onion (Green and Dry Bulb):** *Botrytis* leaf blight (blast), purple blotch and suppression of downy mildew - Use 1 1/2 to 3 lbs. per acre. Apply before disease appears and repeat at 7 to 10 day intervals. Under severe disease conditions, use the higher application rate and shorten the interval between applications.

DO NOT apply on dry bulb onions within 7 days of harvest or on green onions within 14 days of harvest.

DO NOT apply more than 3 times per season on green onions. If more than 14 days remain before harvest of green onions after 3 applications of Bravo have been made, it is recommended that another labeled fungicide be used to complete the application season. DO NOT apply to sweet Spanish onions.

**Peanut:** Early leafspot (*Cercospora*), late leafspot (*Cercosporidium*) - Use 1 to 1/2 lbs. per acre. Rust - Use 1 1/2 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Start applications when disease first appears and repeat at 10 to 14 day intervals or as necessary to maintain control. Under severe disease conditions, use the 1 1/2 lbs. per acre rate. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze treated areas. DO NOT feed hay or threshings from treated fields to livestock.

**Potato:** Early blight, late blight, *Botrytis* vine rot (*Botrytis* spp.) - Use 1 to 1 1/2 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications when plants

15 7 16

are 6 inches high or when disease threatens and continue at 7 to 10 day intervals or as needed to maintain disease control. Under severe disease conditions, use the 1 1/2 lbs. per acre rate and shorten spray interval.

**Tomato:** Early blight, late blight, gray leaf spot and gray leaf mold - Use 1 1/2 to 2 lbs. per acre. Anthracnose - Use 2 to 3 lbs. per acre. Rhizoctonia fruit rot and Botrytis gray mold - Use 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when disease threatens and repeat at 7 to 10 day intervals. Under severe disease conditions, shorten spray interval. Alternaria fruit rot or blackmold (California only) - Make three applications at the rate of 3 lbs. per acre on a 10 to 14 day schedule beginning 5 to 6 weeks before anticipated harvest.

**Bluegrass, Perennial Ryegrass Grown for Seed:** Stem rust, leaf rust and stripe rust - Use 1 to 1 1/2 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications at the time of seed head elongation (early to mid-April) or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control. Use the 1 pound per acre rate under a light incidence of rust. Under severe disease conditions, use the 1 1/2 lb. per acre rate at a 7 day spray interval. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze in treated areas. DO NOT feed hay or threshings from treated fields to livestock.

#### **Directions for Use on Conifer Trees**

Apply BRAVO W-75 in sufficient water and with proper calibration to obtain uniform coverage of tree canopy. Application through either ground equipment or aircraft is recommended except where otherwise indicated.

When concentrate sprays are used the lower rate per acre of BRAVO W-75 listed may be used. The following spray volumes are recommended as gallons of spray per acre:

## **STORAGE AND DISPOSAL**

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Storage:** Store in a dry place.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

## **WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.