



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

50534-
205

Date of Issuance:

MAR 16 1994

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Bravo W-75 WSB

Name and Address of Registrant (include ZIP Code):

ISK Biotech Corp.
5966 Heisley Road
P.O. Box 8000
Mentor, OH 44061-8000

BEST AVAILABLE COPY

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. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 50534-205".

b. In the listing of crop and diseases move "pumpkin:" so it is clear that the phrase "Same as cantaloupe except powdery mildew" also applies to this crop.

Signature of Approving Official:

(S)

Date:

3-16-94

20417

page 2
EPA Reg. No. 50534-205

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

Jacket 3 of 17

Net Contents: 1 Pound

BRAVO® W-75 WSB

Agricultural Fungicide (75% Wettable Powder In Water Soluble Bags)

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 en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

See side panel for additional precautionary statements

ISK Biotech Corporation

5966 Heisley Road

P.O. Box 8000

Mentor, Ohio 44061-8000

EPA Reg. No. 50534-

EPA Est. No.

BRAVO is a registered trademark of ISK Biotech Corporation.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 16 1994

U.S. Federal Insecticide
Fungicide and Rodenticide Act
Registration No.
50534-205

4017

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Corrosive, causes severe eye damage.

DO NOT get in eyes. Avoid prolonged contact with skin. DO NOT take internally. Avoid breathing dust or spray mist.

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**

4017

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry place. Exposure to moisture or excessive handling of water soluble bags may cause breakage. Do not open protective outer bags before usage.

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: Outer cardboard carton may be recycled. Do not reuse packaging materials. Dispose of empty packaging 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 to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller that this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use and Buyers and users of this product assume 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. ✓

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practice.

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(INSERT FOLDER)

BRAVO® W-75 WSB

75% Wettable Powder in Water Soluble Bags

Active Ingredient: Chlorothalonil (tetrachloroisophthalonitrile) 75.0%

Inert Ingredients: 25.0%

Total: 100.0%

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DANGER - PELIGRO

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.)

See side panel for additional precautionary statements.

BRAVO is a registered trademark of ISK Biotech Corporation.

ISK Biotech Corporation

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EPA Reg. No. 50534-

EPA Est. No.

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,

Anthracnose, downy mildew, gummy stem

Honeydew:

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

Watermelon, Squash,

Same as cantaloupe except powdery mildew.

Pumpkin:

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, Sclerotinia canker, Sirococcus tip blight, Pinoma spp., Rhizosphaera needlecast (spruces) and Swiss needlecast (Douglas-fir).

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

Stem rust, leaf rust and stripe rust.

80417

Bravo® W-75 WSB

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. Avoid prolonged contact with skin. DO NOT take internally. Avoid breathing dust or spray mist.

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.

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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 WSB is an excellent fungicide when used according to label directions for control of a broad spectrum of plant diseases. BRAVO W-75 WSB can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control.

DO NOT combine BRAVO W-75 WSB 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 WSB should be added slowly into the spray tank during filling. With concentrate sprays, premix the required amount of BRAVO W-75 WSB 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.

100417

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.

Dosage rates on this label indicate pounds of BRAVO W-75 WSB 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.

Mixing Instructions: Bravo W-75 WSB is packaged in 1-lb water soluble bags consisting of an outer package (not water soluble) and an inner water soluble bag. Determine size of area (acres) to be treated and amount of water needed (gallons per acre) to provide adequate coverage of the foliage. Then, partially fill spray tank with 1/4 to 1/2 of the amount of water needed. Refer to the specific crop and disease control directions below and determine the amount of BRAVO W-75 WSB required to treat 1 acre of the crop. Then determine the correct number of 1 pound water soluble bags needed to treat the total area to be sprayed which will give the correct rate per acre. Remove outer protective (not soluble) container and immediately place the entire unopened inner bag(s) into the partially filled sprayer or mix tank. Do not open inner container. Do not use partial contents of a bag. Avoid excessive handling of the water soluble bag or excessive exposure of it to moisture, since this may cause rupturing. Continue filling sprayer or mix tank with water until the required amount of water is added. Do not spray until the inner bag is completely dissolved and its contents are thoroughly dispersed in the spray tank. Maintain adequate agitation during mixing and spraying.

Reseal outer carton to protect remaining unused packets.

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 50 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 WSB 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

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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 WSB 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 WSB 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 WSB 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 WSB for acreage to be covered with water so that the total mixture of BRAVO W-75 WSB 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 WSB 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 WSB has been cleared from last sprinkler head.

Bean (Snap): Rust - Use 3 lbs. per acre in sufficient water to obtain adequate coverage. Begin 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 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 WSB 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 WSB 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 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 (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 to sweet Spanish onions. ✓

Peanut: Early leafspot (*Cercospora*), late leafspot (*Cercosporidium*) – Use 1 to 1 1/2 lbs. per acre. Rust – Use 1 1/2 lbs. per acre. Apply BRAVO W-75 WSB 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 are 6 inches high 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 WSB 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.

*OK on other
Bravo label!*

CROP

DISEASES

BRAVO W-75 WSB
RATE PER ACRE

APPLICATION DIRECTIONS

Cucurbits:	Target spot,	1.5 to
Cucumber,	Anthracnose,	2.0 lbs
Cantaloupe,	Downy mildew	
Muskmelon,	-----	
Honeydew	Cercospora leafspot,	2.0 to
melon,	Gummy stem blight	3.0 lbs
Watermelon,	(black rot),	
Squash,	Alternaria leaf blight,	
Pumpkin	Scab,	
	Powdery mildew (Sphaerotheca only)	

Use in sufficient water to obtain adequate applications when plants are in first true conditions are favorable for disease development applications at 7 day intervals. Under severe conditions shorten spray interval. BRAVO W-75 WSB may be applied with sprinkler irrigation equipment (solid set, motorized lateral move or center pivot systems) in calibration directions preceding this section.

NOTE: Spraying mature watermelons may result in injury to upper surface of the fruit. DO NOT apply to watermelons when any of the following conditions exist:

1. Intense heat and sunlight;
2. Drought conditions;
3. Poor vine canopy;
4. Other crop and environmental conditions leading to increased natural sunburn.

Do not combine BRAVO W-75 WSB with any other fungicide application to watermelons unless your prior experience indicates combination to be non-injurious to watermelons under conditions of use.

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be used. The following spray volumes are recommended as gallons of spray per acre:

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CROP	SPRAY VOLUME (Gallons Per Acre)	
	Dilute	Concentrate
CONIFERS:		
Forest stands	Not used	10 to 20 (aircraft)
Christmas trees	100	10 to 50 (aircraft or ground equipment)
Nursery beds	100	5 to 10 (ground equipment only)

BRAVO W-75 WSB RATE PER				
CROP	Diseases	Acre	100 GAL*	APPLICATION DIRECTIONS
Conifers	Swiss needlecast	2-3/4 to 5-1/2 lbs	2-3/4 to 5-1/2 lbs	Single application technique: In Christmas tree plantations one application in the spring when new shoot growth is 1/2
	Scleroderris canker (pines),	1-1/2 to 2-3/4 to	1-1/2 to 2-3/4 to	Make the first application in spring when new shoot growth
	Swiss needlecast and Rhabdocline needlecast (Douglas-fir)			to 2 inches in length. Make additional applications at 3 to intervals until conditions no longer favor disease developm
	Sirococcus tip blight	2 to 3-1/2 lbs	2 to 3-1/2 lbs	For use in nursery beds, apply the highest rate specified on week schedule.
	Rhizosphaera needlecast (spruces), Scirrhia brown spot (pines)	5-1/2 lbs	5-1/2 lbs	
	Lophodermium needlecast	1-1/2 to 2-3/4 lbs	1-1/2 to 2-3/4 lbs	North Central and Northeastern States: Begin applications in early August before infection occurs. Make additional applic
				4 week intervals until conditions no longer favor disease dev
				use in nursery beds, apply 2-3/4 lbs per acre on a 3 week sch
	Botrytis seedling blight,	1-1/2 to 2-3/4 lbs	1-1/2 to 2-3/4 lbs	Begin applications in nursery beds when seedlings are 4 inch
	Phoma twig blight			cool, moist conditions favor disease development. Make addit at 7 to 14 day intervals as long as disease favorable condition

* Volumetric rates to be used only with full dilute spray volume specified on this label for tree crops.

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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: Outer cardboard carton may be recycled. Do not reuse packaging materials. Dispose of empty packaging 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 to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller that this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use and Buyers and users of this product assume 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.

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, cultural practices, moisture conditions or other environmental conditions outside of the ranges that are generally recognized as being conducive to good agricultural and/or horticultural practice.