

BUTACIDE®

PSE.C.

EPA Reg. No. 4816-719 EPA Est. No. 279-NY-1

* EMULSIFIABLE PIPERONYL BUTOXIDE AT 7.1 POUNDS ACTIVE PER GALLON

ACTIVE INGREDIENTS:

*Piperonyl Butoxide, Technical 81.9%
INERT INGREDIENTS: 18.1%
100.0%

*Equivalent to 65.52% (butylcarbityl)(6-propyl-piperonyl) ether and 16.38% related compounds.

BUTACIDE - Registered trademark of Fairfield American Corporation.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautions.

NET CONTENTS _____

DIRECTIONS FOR USE

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

APPLICATION:

To be tank-mixed with certain agricultural insecticides, as recommended by your local Agricultural Extension Agent, Crop Consultant or Pest Control Advisor, to control the insects on the crops named on their labels. Observing the directions on the insecticide label, tank-mix at a rate of up to 1.0 lb A/A of Butacide PS E.C. (to provide 1.0 lb of active ingredient, use 17.5 fluid ounces of Butacide PS E.C.).

Applications should always be made in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

Refer to supplemental labeling entitled "DIRECTIONS FOR APPLICATION THROUGH IRRIGATION SYSTEMS" (available through your Fairfield American distributor) for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Wash with plenty of water and soap.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, ponds, streams, tidal marshes or estuaries. Do not contaminate water when disposing of equipment washwaters.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.

4816-719



Mr. Kenneth W. Chisholm
Nor-Am Chemical Company
P.O. Box 7495
Wilmington, DE 19803

de ju JUL 29

Dear Mr. Chisholm:

Subject: BANOL
EPA Registration No. 45639-88
VORLEX
EPA Registration No. 45639-90
BOTRAN 75W
EPA Registration No. 45639-110
Your Submission Dated April 28, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records.

The new statement "Do not contaminate water when disposing of equipment washwaters" should replace the old one. Please delete the old statement.

Sincerely yours,

Lois A. Rossi
Product Manager (21)
Fungicide- Herbicide Branch
Registration Division (TS-767C)

Botran® 75W

FUNGICIDE

Controls blights, rots and other diseases on many edible and ornamental crops.

What is BOTRAN?

BOTRAN is a broad-spectrum fungicide for field, orchard and greenhouse treatment. It is 75% 2,6-Dichloro-4-nitroaniline and 25% inert ingredients.

This versatile fungicide is used as a pre-harvest and/or post-harvest treatment for plums, cherries, peaches and other stone fruit, lettuce, tomatoes, grapes, potatoes and other field crops, roses, gladioli and other ornamental plants.



What is the Dosage Rate?

Typical rates of BOTRAN application vary from 1 to 5 1/2 pounds per 100 gallons of water for edible crops. Exceptions to this are for plums (up to 12 pounds) and onions/garlic (up to 40 pounds). The rates for ornamental plants vary from 1/2 to 1 1/2 pounds per 100 gallons of water, with the exception of gladioli, where 20 pounds per 100 gallons is allowed for treatment of dry rot.

How Does BOTRAN Work?

BOTRAN controls rots, blights and other fungi-caused diseases by inhibiting spore generation and suppressing mycelium growth. It also provides good soil residual to prevent fungus build-up in the soil.

When is BOTRAN Applied?

BOTRAN can be applied in a preventive program at timely intervals (see label) before visual evidence of disease, or it can be used as a curative treatment when visual symptoms first appear.

What Does BOTRAN Control?

BOTRAN is effective against a wide range of soil fungi that cause rots, blights and molds, including *Monilinia* spp., *Rhizopus* spp., *Botrytis* spp., *Sclerotinia sclerotiorum* and *Monilochaetes infusans*.

In What Form is BOTRAN Available?

BOTRAN is a water-dispersible wettable powder formulation that mixes readily. It is available in 4-pound bags and bulk packaging.

How is BOTRAN Applied?

BOTRAN is mixed with water and applied with ground and aerial sprayers, or through irrigation equipment. It is also applied post-harvest by dipping, spraying, brushing or hydrocooler.

With What is BOTRAN Compatible?

BOTRAN is compatible with wettable powder formulations of captan, zineb, Guthion, parathion, carbaryl, and endosulfan. While BOTRAN can normally be mixed with other fungicides, insecticides or defoliants formulated as wettable powders, combination sprays of BOTRAN and miscible oil formulations of insecticides (particularly organic phosphorus compounds) may cause plant injury. BOTRAN should not be mixed with emulsifiable concentrates.

IMPORTANT: Please remember always to read and follow carefully all label directions when applying any chemical.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 29 1988

(Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
440-37-111)

BEST AVAILABLE COPY

SPECIMEN LABEL

Botran 75W

FUNGICIDE

For: Apricot, Carrot, Celery, Cucumber, Endive, Garlic, Grape, Lettuce, Nectarine, Onion, Peach, Plum and Prune, Potato, Rhubarb, Snap Bean, Sweet Cherry, Sweet Potato, Tomato and Ornamentals.

See folder in bottom flap of bag for usage directions.

ACTIVE INGREDIENT

2,6-Dichloro-4-nitroaniline

INERT INGREDIENTS

75% w/w

25% w/w

Total

100% w/w

EPA Reg. No. 45639-110

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que el etiqueta haya sido explicado ampliamente.

KEEP OUT OF REACH OF CHILDREN CAUTION — PRECAUCION STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER.

IF IN EYES: FLUSH WITH WATER. IF EYE IRRITATION PERSISTS, CALL A PHYSICIAN.

IF SWALLOWED: DRINK/DRINK WATER AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER AND/OR BY ADMINISTERING SYRUP OF IPECAC. FOLLOW WITH MILK AND A MILD CATHARTIC (MILK OF MAGNESIA). CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.



SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NOR-AM
NOR-AM CHEMICAL COMPANY

2500 Silverside Road, P.O. Box 7005
Wilmington, DE 19803

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED. AVOID INHALATION OF DUST OR SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES.

ENVIRONMENTAL HAZARDS

Toxic to fish. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container and keep closed. Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not apply this product through any type of irrigation system except as described in the Special Local Need registrations use directions.

EQUIVALENTS: One and one-third pounds as found in Directions for Use equals one 4 pound bag in 300 gallons. One (1) level tablespoonful per gallon equals one (1) pound per 100 gallons.

COMPATIBILITY: BOTRAN 75W is compatible with wettable powder formulations of captan, zineb, Guthion, parathion, carbaryl, and endosulfan. Normally BOTRAN 75W can be mixed with other fungicides, insecticides, or defoliants formulated as wettable powders. It is suggested that such combinations be used on a small number of plants before treating large areas. However, combination sprays of BOTRAN 75W and miscible oil formulations of insecticides, particularly organic phosphorous compounds may cause plant injury.

REENTRY STATEMENT: Do not enter treated areas without protective clothing until sprays have dried. 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.

DIRECTIONS FOR USE ON EDIBLE CROPS

Crop	Disease	Dosage*		Use
		lb Per 100 Gal	of Water	
Apple	Fruit decay Monilia, Brown Rot Rust, etc.	1 1/2		Apply 10 days and 1 day prior to harvest. Allow 1 day between application and harvest.
	Postharvest decay Rozell, etc. (see label) Monilia, etc. (Brown rot)	1		Apply as combination of fruit wax plus Botran 75W plus Benlate 50W (0.5 lb per 100 gal of water) during packing line operation. Mix the combination in a tank equipped with mechanical agitation. Mechanically agitate combination during use. Apply the Botran Benlate wax combination to the fruit at the rate of 35-45 gal per 1000 ft ² of fruit. Flood jet nozzles should be used. Collect spray runoff in a drain tray and discard. Care should be taken to prevent plugging of nozzles.
Note: Do not use on fruit packed in containers which do not allow adequate drainage. Botran does not control <i>R. arrhizus</i> .				
Carrot	Postharvest decay	1		Dip carrots for 10 seconds in well agitated suspension. Do not use after treatment. Add 1/2 lb Botran 75W to 100 gallons of dip suspension after carrots are treated. After each 1000 bushels treated, drain and wash tank with water.
Cherry	Anthracnose	1 1/2		Apply to diseased areas of plants. Additional applications may be needed after 14 days.
Cucumber	Fruit rot	1		Botran 75W may be applied at onset of bloom to onset of fruiting.
	Downy mildew	1		Botran 75W in 100 to 1000 gallons of water per acre for downy mildew control. (Botran 75W may also be applied to 500 gallons of water per acre for control of Botran dust after water application.) See Botran dust label for directions. When combining Botran 75W with gibberellic acid with an atomized application.
Note: Do not use on crops in the Rocky Mountains only.				
Potato	Late blight	1		Apply at pink bud and full bloom.
Tomato	Early blight	1		Apply 18 days, 10 days, and 1 day prior to harvest. Allow 1 day between application and harvest.
	Late blight	1		
Note: Do not use on crops in the Rocky Mountains only.				

DIRECTIONS FOR USE ON EDIBLE CROPS

Dosage:
lb Per 100 Gal
of Water

Crop	Disease	Dosage: lb Per 100 Gal of Water	Use
Peach (only)	Post harvest decay <i>Rhizopus</i> rot <i>Botrytis</i> rot	1	Spray or dip Immediately after picking spray or dip peaches with suspension of Botran 75W. Do not reticulate used spray suspension. Processing line operations Botran 75W is most effective when applied during or after the defuzzing process either by brushes spray or in the hydrocooler. Brushes Apply Botran 75W to the brush with traversing feeder nozzle capable of metering approximately 10 gallons of Botran 75W suspension per hour with the valve completely open. Agitate the spray suspension. Unused suspension that drips from the brush should be caught in a drain tray and discarded. Spray Direct a mist spray down upon the rotating peaches. Use pressures between 20-25 psi with delivery system of approximately 45 gallons per hour. 1180 nozzles are suggested. Agitate the spray suspension. Collect spray runoff in a drain tray and discard. Hydrocooler As volume decreases make up to original volume by adding Botran 75W suspension of 1 lb per 100 gal. Drain and flush daily.
	Note Do not treat peaches packed in containers which do not allow adequate drainage.		
	Post harvest decay <i>Rhizopus</i> rot <i>Botrytis</i> rot <i>Monilia</i> rot (brown rot)	2 1/2	For freezing and canning only. Immediately after picking dip peaches in suspension of Botran 75W. Continuous agitation is necessary. As volume decreases make up to original volume by adding Botran 75W suspension of 2 1/2 lb per 100 gal. of water. Drain and flush system daily.
WARNING Peaches treated with this rate of Botran will have residues exceeding the established tolerance of Botran on peaches. Do not use this fruit for the fresh fruit market. Processing for freezing and canning removes all excess residue.			
Nectarine (only)	Post harvest decay <i>Rhizopus</i> rot <i>Monilia</i> rot (brown rot)	2 1/2	Apply only with fruit wax. Mix the Botran with wax in a tank equipped with mechanical agitation. The Botran wax combination should be mechanically agitated during use. The agitation will keep the Botran in suspension. Fruit should be sprayed during packing line operations. Apply the Botran wax combination to the fruit at the rate of 30-35 gal. per hour at 18-30 psi. Fan fan or flood jet nozzles should be used. Collect spray runoff in a drain tray and discard. Care should be taken to prevent clogging of nozzles.
NOTE If wax containing OPP is used, the concentration of OPP in the wax mixture should not exceed 2%.			
Plum and Prune	Blossom blight <i>Monilia</i> rot (brown rot)	1	Apply at popcorn and full bloom.
Plum	Post harvest decay <i>Rhizopus</i> rot <i>Monilia</i> rot (brown rot)	2 1/2	Apply only with fruit wax. Mix Botran 75W with wax in a tank equipped with mechanical agitation. The Botran wax combination should be mechanically agitated during use. The agitation will keep the Botran in suspension. Use fan fan or flood jet nozzles. Spray fruit during packing line operations. Care should be taken to prevent clogging of nozzles. Collect spray runoff in a drain tray and discard.
		2 1/2	For use in conventional applicators (30-50 gal/hr) apply 100 gallons of the diluted Botran wax combination to approximately 50,000 pounds of fruit.
		10-12	For use in volume applicators (5-8 gal/hr) apply 100 gallons of the Botran wax combination to approximately 500,000 pounds of fruit.
Rhubarb (hot houses)	<i>Botrytis</i> rot	1	Repeat applications when first buds emerge from crevices. Repeat at weekly intervals. Do not use later than 14 days before harvest.
Sweet Cherry	Blossom blight <i>Monilia</i> rot	1	Apply at popcorn, bloom, full bloom and petal fall.
	Post harvest decay <i>Rhizopus</i> rot <i>Botrytis</i> rot (brown rot)	1	Apply for decay and 1 day prior to harvest.
Note When combining with captan use 1 lb of captan per 100 gal of water.			
Tomato	Stem blight <i>Fusarium</i> rot (greenhouse)	1	Spray stem of plant from ground level up to a height of 18 to 24 inches. Repeat weekly if necessary. Seedlings or newly planted plants may be sprayed by misting.
Sweet potato (Post harvest)	Post harvest decay <i>Rhizopus</i> rot <i>Botrytis</i> rot (brown rot)	1	Use a fan fan or flood jet nozzle at 18 to 25 psi. Immediately after washing potatoes the potatoes are sprayed with Botran 75W suspension. Collect spray runoff in a drain tray and discard. As volume decreases make up to original volume with Botran 75W suspension.
		1	For use in conventional applicators (30-50 gal/hr) apply 100 gallons of the diluted Botran 75W suspension to approximately 50,000 pounds of fruit.
		10-12	For use in volume applicators (5-8 gal/hr) apply 100 gallons of the Botran 75W suspension to approximately 500,000 pounds of fruit.
Plantain	Stem blight <i>Fusarium</i> rot (greenhouse)	1	Repeat applications weekly. Apply Botran 75W suspension to the stem of the plant from ground level up to a height of 18 to 24 inches. Repeat weekly if necessary. Seedlings or newly planted plants may be sprayed by misting.
Seed Dip	Post harvest decay <i>Rhizopus</i> rot <i>Botrytis</i> rot (brown rot)	1	For use in conventional applicators (30-50 gal/hr) apply 100 gallons of the diluted Botran 75W suspension to approximately 50,000 pounds of fruit.
Seedling	Stem blight <i>Fusarium</i> rot (greenhouse)	1	Repeat applications weekly. Apply Botran 75W suspension to the stem of the plant from ground level up to a height of 18 to 24 inches. Repeat weekly if necessary. Seedlings or newly planted plants may be sprayed by misting.

Caution Do not permit application to blow up or fog.

DIRECTIONS FOR USE ON EDIBLE CROPS

Crop	Disease	Dosage ¹ Lb Per 100 Gal of Water	Use
Celery	Pink rot <i>Sclerotinia sclerotiorum</i>	2	Begin application when disease is anticipated or approximately 10 weeks before harvest. Repeat at 7 day intervals in summer or 14 day intervals in fall and winter. Do not apply within 7 days of harvest.
		5 1/4	OR If early disease is not likely, make a single application of 5 1/4 lbs of Botran 75W per acre 4 to 8 weeks before harvest. Use sprayer with drop nozzle boom to direct spray (100 gal per acre) to base of plants and adjacent soil.
Potato	Botrytis blight White mold <i>Sclerotinia sclerotiorum</i>	2	Apply 100 gallons per acre beginning at layby. Continue at 10 to 14 day intervals. Do not apply within 14 days of harvest. Do not feed treated potatoes to livestock. LIMIT USE TO NORTH CENTRAL STATES ONLY.
Lettuce (leaf only) (greenhouse) (field)	Botrytis gray mold rot <i>Botrytis cinerea</i>	2 1/4	Apply 100 gallons of spray mixture per acre 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants, seedlings, or later than 14 days before harvest.
	Drop or watery soft rot <i>Sclerotinia sclerotiorum</i>	5 1/4	Apply immediately after thinning. Do not apply this product again after this single application.
	Botrytis gray mold rot <i>Botrytis cinerea</i>	2 1/4	OR Apply Botran 75W spray at thinning and repeat application 7 days later. Do not apply within 14 days of harvest. Use sprayer with drop nozzle boom to direct spray (100 gal per acre) to lower portion of plants and surrounding soil.
Endive (escarole) (field)	Botrytis gray mold rot <i>Botrytis cinerea</i>	2 1/4	Apply 100 gallons of spray mixture per acre 7 days following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants, seedlings, or later than 14 days before harvest.
		2 1/4	OR Apply Botran 75W spray at thinning and repeat application 7 days later. Do not apply within 14 days of harvest. Use sprayer with drop nozzle boom to direct spray (100 gal per acre) to lower portion of plants and surrounding soil.
Note: Some leaf bronzing may be noted soon after application, but the effect is of a temporary nature.			
Onion and Garlic	White rot <i>Sclerotium</i>	32-40*** or 43-560 (small feet in furrow)	Direct seeding mix (b) broadcast and incorporate Botran 75W in top 1 1/2 inches of soil 7 to 10 weeks before onions are seeded. Use restricted to Eastern Oregon, Eastern Washington, and Western Idaho. Planting sets or buds—in Furrow Use low pressure (30 to 40 psi) spray equipment. Use 50 mesh or coarser screens. Center the front nozzle on the furrow so that spray strikes the soil around the sets or buds and the rear nozzle sprays the covering soil as it fills the furrow. Broadcast Use 100 gallons per acre for broadcast treatment. Do not exceed 40 lbs per acre broadcast.
Note: Plow to 8 inches and cross disc Botran 75W treated area prior to seeding sensitive follow up crop to prevent injury to seedlings. Do not plant spinich as follow up crop in treated soil. ***Use 6 1/2 lb per acre in North Central States.			
Snap Bean	White mold <i>Sclerotinia sclerotiorum</i> (<i>Sclerotium</i>)	4 (pole varieties) 3 (bush varieties)	Begin applications when disease is anticipated and continue at 7 day intervals during periods favorable to development of disease. Use 100 gallons (pole varieties) and 75 gallons (bush varieties) per acre. Do not apply within 7 days of any harvest. Do not feed treated forage to livestock.

DIRECTIONS FOR USE ON ORNAMENTAL CROPS

Crop	Disease	Dosage ¹ Lb Per 100 Gal of Water	Use
Rose Hydrangea	Blight <i>Botrytis</i>	1 1/4	Field —Apply Botran 75W prior to bud break in spring. Stored —Spray shrubs with Botran 75W prior to bud break and repeat at 7 day intervals during storage period.
Chrysanthemum Geranium Rose	Blight <i>Botrytis</i>	1 1/4	Stock cuttings or greenhouse plants —Apply when disease is anticipated or first appears. Spray foliage and flowers at 7 to 14 day intervals. Repeat when periods favorable to development of disease appear every 5 to 7 days.
Marigold	Die-back <i>Sclerotinia sclerotiorum</i> (<i>Sclerotium</i>)	2 1/4	Spray at dusk in furrow at planting time. Do not treat plants after they are in the ground. 20 lb will treat one acre in furrow. Do not use Botran 75W in furrow.
	Blight <i>Botrytis</i>	1 1/4	Apply spray mixture with a backpack sprayer or other low pressure equipment. Do not apply to butchering cut flowers. Do not apply to plants in flower.

¹Use suggested amount of Botran 75W per 100 gallons of water unless otherwise specified. In all cases, use the minimum amount of water necessary to make a sprayable solution. Do not use more than 100 gallons per acre or equivalent amount of concentrate in aerial equipment.

SPECIAL LOCAL NEED REGISTRATIONS POTATOES

Control of White Mold (*Sclerotinia sclerotiorum*) with BOTRAN 75W

EPA SEN Numbers: CA 790042 (Amended 7/3/84) ID 800030 OR 800013 WA 860006 ME 860001 and NV 860006

FOR USE IN: CALIFORNIA, IDAHO, OREGON, WASHINGTON, MAINE AND NEVADA.

For control of White mold (*Sclerotinia sclerotiorum*) use from 2 to 6 pounds of BOTRAN 75W Fungicide per acre in the first application. Begin treatment when vines are within 6 to 8 inches from rising of rows just prior to layby. If disease persists subsequent applications of 2 pounds per acre may be applied at 7 to 10 day intervals, do not exceed 10 pounds per season. Do not apply within 10 days of harvest. Do not feed treated potatoes to livestock.

APPLICATION WITH THE FOLLOWING EQUIPMENT:

1. Sprinkler Irrigation:

See "Application Through Sprinkler Irrigation Equipment (Potatoes and Carrots)" below for specific instructions.

2. Ground Equipment:

Use 100 gallons per acre of water.

3. Aerial Equipment:

Use 1000 Gallons per acre as the minimum spray volume.

CARROTS

Control of White Mold (*Sclerotinia sclerotiorum*) with BOTRAN 75W

EPA SEN NUMBER: CA 790042

FOR USE IN CALIFORNIA ONLY

LOCATION: San Joaquin Valley, Kern County

CROP/SITE/COMMODITY: Carrot

TARGET PEST/PROBLEM: *Sclerotinia sclerotiorum* (white mold)

DOSAGE: Apply 2 to 6 lbs of product per acre (2.5 to 4.5 lbs/lb active ingredient).

DILUTION RATE: N/A (see label)

METHOD OF APPLICATION: Ground application through sprinkler irrigation equipment **only**. See "Application Through Sprinkler Irrigation Equipment (Potatoes and Carrots)" below for specific instructions.

FREQUENCY/TIMING OF APPLICATION: Begin treatment just prior to layby, or when white mold disease is anticipated. Maximum of 4 lbs of product per acre applied per growing season. Maximum number of applications is 4, depending on label. **OR** three applications at 10 day intervals.

FIELD REENTRY AFTER APPLICATION: Do not enter treated area within 24 hours of application unless you have good reason.

PREHARVEST INTERVAL: 14 days

OTHER REQUIREMENTS: Do not feed treated carrots to livestock. Do not use treated carrot tops and green tops. Do not feed treated carrot tops to livestock. Do not use treated carrot tops for animal feed.

This label was prepared by the California Department of Pesticide Regulation, in cooperation with the EPA, the Kern County Agricultural Commissioner, and the National Agricultural Experiment Station, California State University, Fresno.

Author's name and address: This label was prepared by the California Department of Pesticide Regulation, in cooperation with the EPA, the Kern County Agricultural Commissioner, and the National Agricultural Experiment Station, California State University, Fresno. The label was prepared by the California Department of Pesticide Regulation, in cooperation with the EPA, the Kern County Agricultural Commissioner, and the National Agricultural Experiment Station, California State University, Fresno. The label was prepared by the California Department of Pesticide Regulation, in cooperation with the EPA, the Kern County Agricultural Commissioner, and the National Agricultural Experiment Station, California State University, Fresno.

acknowledges the preceding disclaimer and accepts liability for any possible damage resulting from this use. Do not use in mixture with other pesticides unless provided for in the labeling. Trial on a small area to check out unanticipated problems is suggested.

24(c) Registrant: Kern County Agricultural Commissioner

APPLICATION THROUGH SPRINKLER IRRIGATION EQUIPMENT (POTATOES AND CARROTS)

Apply this product only through sprinkler including center pivot, solid-set, or portable (wheel move) irrigation systems.

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 connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down at times when necessary adjustments should the need arise.

The system must contain a functional check valve, foot valve, and low pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from backflow.

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 pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the spray tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlock controls to automatically shut off the pesticide injection pump when the water pump motor stops.

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

The system must have a metering pump or other device to deliver the pesticide at the proper rate. The minimum application rate shall be 100 gallons of water per acre. The pesticide injection pump must be capable of delivering the pesticide at the proper rate. The pesticide injection pump must be capable of delivering the pesticide at the proper rate. The pesticide injection pump must be capable of delivering the pesticide at the proper rate.

CALIBRATION AND APPLICATION TECHNIQUES WHEN USING CENTER-PIVOT, SOLID-SET, OR PORTABLE (WHEEL MOVE) SPRINKLER IRRIGATION EQUIPMENT:

A. Center-pivot Irrigation Equipment. Operate the system and injection equipment at normal pressure. Do not operate at high pressure. The manufacturer's operating instructions should be followed. The injection equipment with water (100 gallons per acre) should be applied in the same amount of time required for the pesticide to be injected, and acreage contained in each Mainline wheel set amount of BOTRAN 75W Fungicide should be applied to the same amount of water (100 gallons per acre).

and inject into system continuously for one revolution. Shut off injection equipment after one revolution, but continue to operate irrigation system until BOTRAN 75W Fungicide has been cleared from last sprinkler head.

B. Solid-set and Portable (wheel move) Irrigation Equipment. Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use content over a 10 to 30 minute period. Mix desired amount of BOTRAN 75W Fungicide for acreage to be covered into 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. BOTRAN 75W Fungicide should be injected at the end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until BOTRAN 75W Fungicide has been cleared from last sprinkler head.

DO NOT run irrigation system without safety valves or other devices to prevent back-siphoning of BOTRAN 75W Fungicide into water source. Irrigation water treated with BOTRAN 75W Fungicide should be maintained on the treated area until the water is absorbed into the soil. The tank containing BOTRAN 75W Fungicide should be connected to the suction side of the irrigation pump or other pressurized equipment attached to the irrigation line.

Agitation of the diluted BOTRAN in the chemical storage or slurry tank should be maintained during the entire application period.

GREENHOUSE SEED POTATOES

Control of Botrytis blight and white mold (*Sclerotinia sclerotiorum*) with BOTRAN 75W
EPA SLN NUMBER: CA 860112

FOR USE IN CALIFORNIA ONLY

LOCATION: Santa Cruz County

CROP/SITE/COMMODITY: Greenhouse Grown Seed Potatoes or Transplants

TARGET PEST/PROBLEM: Botrytis blight, white mold

DOSAGE: Apply two level tablespoons of product per gallon of water.

DILUTION RATE: Not applicable

METHOD OF APPLICATION: Handsprayer. Spray vegetation to the point of drip.

FREQUENCY/TIMING OF APPLICATION: Apply at 7 day intervals as necessary. Maximum of 4 applications per year.

FIELD REENTRY AFTER APPLICATION: Do not enter treated area until spray has dried.

PREHARVEST INTERVAL: Not applicable

OTHER REQUIREMENTS: Treated potatoes are not to be used for human or animal consumption.

Vendor will draw on guidance provided by the EPA and NCRAM's recommendations, the Santa Cruz County Agricultural Commissioner and the Department of Food and Agriculture. Agreement to draw will be obtained from the County Agricultural Commissioner prior to the use. The County Agricultural Commissioner and the Department of Food and Agriculture will not prevent quarantine action if illegal residues are found on or in the crop. Neither the Department nor the county agricultural commissioner, the manufacturer or formulator makes any warranty of merchantability, fitness of purpose, or otherwise expressed or implied, concerning the use of a pesticide in accordance with these provisions. The user and/or the grower acknowledges the preceding disclaimer and accepts liability for any possible damage resulting from this use. Do not use in mixture with other pesticides unless provided for in the labeling. Trial on a small area to check out unanticipated problems is suggested.

Trial on a small area to check out unanticipated problems is suggested.

24(c) Registrant: Santa Cruz County Agricultural Commissioner

FENNEL

Control of White Mold (*Sclerotinia sclerotiorum*) with BOTRAN 75W

EPA SLN Number: CA-800185

FOR USE IN CALIFORNIA

DOSAGE: See registered label for directions for use on celery

DILUTION RATE: Refer to label for directions for use on celery

METHOD OF APPLICATION: Ground

FREQUENCY/TIMING OF APPLICATION: As needed

FIELD REENTRY SAFETY INTERVAL: When spray dries

PREHARVEST INTERVAL: 7 days

OTHER REQUIREMENTS: None

A special permit must be obtained from the county agricultural commissioner prior to this use. This does not constitute a recommendation of the Department of Food and Agriculture and will not prevent quarantine action if illegal residues are found on or in the crop. Neither the Department nor the county agricultural commissioner, the manufacturer or formulator makes any warranty of merchantability, fitness of purpose, or otherwise expressed or implied, concerning the use of a pesticide in accordance with these provisions. The user and/or the grower acknowledges the preceding disclaimer and accepts liability for any possible damage resulting from this use. Do not use in mixture with other pesticides unless provided for in the labeling. Trial on a small area to check out unanticipated problems is suggested.

24(c) Registrant: Monterey County Department of Agriculture

CONTAINER, BAREROOT, AND GREENHOUSE GROWN CONIFER NURSERY STOCK

Control of Botrytis with BOTRAN 75W

EPA SLN Numbers: CA 800176, ID 820006, MT 820001, OR 820076, and WA 800065

FOR USE IN: CALIFORNIA, IDAHO, MONTANA, OREGON AND WASHINGTON

BOTRAN 75W may be applied to conifer seedlings of Douglas fir, hemlock, noble fir, Sitka spruce, Western red cedar and Redwood to prevent or control blight (*Botrytis*).

Use 3 pounds of BOTRAN 75W per 100 gallons of water as foliar spray. Begin treatment when disease is anticipated or first appears. Spray foliage until the foliage is wet. Repeat treatment at 14 day intervals. Rate may be increased to 2.5 pounds of BOTRAN 75W per 100 gallons especially heavy *Botrytis* outbreaks. After the BOTRAN 75W with other fungicides. EPA registered fungicides may be used in combination with BOTRAN 75W to control *Botrytis* on any conifer seedling.

