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Mr. Kenneth W. Chisholm Nor-Am Chemical Company 3509 Silverside Road P.O. Box 7405 Wilmington, DE 19803

Dear Mr. Chisholm:

Subject: Revised Compatibility Statement Botran 75W EPA Registration No. 45639-110 Your Submission Dated November 21, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

- 1. Make the labeling change listed below before you release the product for shipment bearing the amended labeling:
 - In the compatibility statement, delete the reference to zineb since this chemical is no longer available. Also assure that captan is still registered for those crops where tank mixes are recommended with captan.

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- 2. Submit one (1) copy of your final printed labeling before you release the product for shipment.
- A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Susan Lewis Product Manager (21) Fungicide-Rerbicide Branch Registration Division (87505C)

Enclosure

SPECIMEN LABEL

In EPA Louer Dated

1001 J2X 1

FUNGICIDE

Por. 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.

ACTIVE INGREDIENT 2,6-Dichloro-4-nitroaniline فاملز INERTINGREDIENTS

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 la etiqueta haya sido explicada 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 WARM WATER AND INDUCE YOMITING BY TOUCHING BACK OF THROAT WITH FINGER AND OR BY AD MINISTERING 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 INVINCE CONVULSIONS.

SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Road, P.O. Box 7495

NET CONTENTS:



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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 when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage of 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 posal facility.

tion 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.

DO NOT REUSE EMPTY CONTAINER.

Crep Apricat

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

Rhizopus stolonifer Monilinia tot (Brown rot)

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 75WDG is compatible with wettable powder formulations of captan, zineb, Guthion, parathion, carbaryl, and endosulfan. Normally BOTRAN 75WDG 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 75WDG and miscible oil formulations of insecticides, particularly organic phosphorous compounds may cause plant injury.

BOTRAM may not be compatible for use with all post-harvest fruit and vegetable waxes. Check for compatility before large-scale treatment.

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

Oisease	Lb Per 100 Ga of Water	l.
Fruit decay Monitinia Brown Rot	11/2	Apply 10 days and 1 day prior to harvest Allow 1 day between application and harvest.
Rhizopus rot Postharvest decay	, 1	Apply as combination of fruit wax pl

Apply as combination of fruit wax plus BOTRAH 75WDG during packing incoparations. Him the combination in a tank equipped with mechanical egitation Mechanically egitate combination during use. Apply the BOTRAH/wax combination to the fruit at a rate of 35-45 gal/hr. Flat-fam or flood jet nossles should bused. Collect spray runoff in a drain tray and discard. Care should be taken to prevent plugging of nossles.

Note: Do not treat fruit packed in containers which do not allow adequate drainage. R. arrhizus control in apricots may only be in the range of 60% or less.

(Storage only)	Post-harv est decay Sc <i>lerotinia</i> sc <i>lerotiorum</i> (dip)	1	Dip carrots for 10 seconds in well agitated suspension. Do ib. BOTRAN 75WDG to 100 gallons of dip suspension after each 1000 bushels treated, drain and flush lank. Refill will	r 500 bushelsjäre (rezieti After	
Cucumper (greenhouse)	White mold Scierotinia scierotiorum	11/3	Apply to diseased areas of plants. Additional applications	anay be required after 14 days	
Grape Bunch rol 1½5 Botrytis rol Storage rol fete: Use limited to grapes grown west of the Rocky Mountains only			BOTRAN 75WDG may be applied at onset of bloom to eace after shatter. Use 2'46 lb /acre of BOTRAN 75WDG in 50 to 400 gallons of water per acre left control of attrivitie bunch not (Botrytis cimerea). Up to 5'/s pounds of BOTRAN 75WDG-ray be applied, per season. Use BOTRAN dust labels for complete directions for use). When combining BOTRAN 75WDG with gibberellin, the with last gibberellin appolication.		
Peach and Nectarine	Blassom blight Monitinia	17/3	Apply at pink bud and full bloom.	••••	
	Fruit decay Monitinia Brown rot Anizopus rot	11/2	Apply 18 days, 10 days and 1 day prior to harvest. Allow and harvest.	w t day between abbycation	
lete: Where combine	ing with captain, use 1 to 11/2 to 80	FRAN 75WDG to	1-2 lbs: captan 50W or equivalent per 100 gallons of water as	recommended	

DIRECTIONS FOR USE ON EDIBLE CROPS

Dosage*

Crop	Disease	Lb Per 100 Gal of Water	Use		
Peach (only)	Post-harvest decay Anizopus rot Botryfis rot	1	Spray or dig—immediately after picking, spray or dip peaches with suspension of BOTRAN 75WDG. Do not recirculate used spray suspension. Processing "ne operations—BOTRAN 75WDG is most effective when applied during or after the defuzzing process, either by brushes, spray or in the hydrocooler.		
			Brusties—Apply BOTRAN 75WDG to the brush with traversing feeder nozzle capable of metering approximately 10 gallons of BOTRAN 75WDG 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. Tu80 nozz'es are suggested. Agitate the spray suspension. Collect spray runoff in a drain tray and discard.		
	Note: Do not treat peaches	Dacked in container	Hydrocester—As volume decreases, make up to original volume by adding 80TRAN 75WDG suspension of 1 lb per 100 gal. Drain and flush daily is which do not allow adequate drainage.		
	Post-harvest decay	21/1	For freezing and canning only Immediately after picking dip peaches in suspension of		
	Anizopus tot Botrytis tot Monitoria tot	273	BOTRAN 75WDG. Continuous agitation is necessary. As volume decreases, make up to original volume by adding BOTRAN 75WDG suspension of 2½ ib. per 100 gal. of water		
	(brown rot) treated with this rate of BOTRAN		Drain and flush system daily esidues exceeding the established tolerance of BOTRAN 75WOG on peaches. Do not use this fruit to		
	t Processing for freezing and ca				
ectarine only)	Post-harvest decay Rhizopus rot Monilinia rot (brown rot)	24/5	Apply only with fruit wax. Mix the SulfRAN with wax in a tank equipped with mechanical agriation. The 80TRAN-wax residention should be mechanically agriated during use, by-pass agriation will not keep the 80TRAN in suspension. Fruit should be sprayed during packing line operations. Apply the 80TRAN-wax combination to the fruit at the rate of 30-35 gall /hour at 18-30 psi. Flat-fan or flood jet nozzles should be used. Collect spray run-off in a drain tray and discard. Care should be taken to prevent plugging of nozzles.		
			al mixture should not exceed 0 25%		
Plum and Prune	Blossom blight Monilinia Brown rot	173	Apply at poptorn and full bloom		
Plum	Post-harvest decay Rhizopus rot Monilinia rot (Brown rot)		Apply only with fruit wax, Mix BOTRAN 75WDG with wax in a tank equipped with mechanical agitation. The BOTRAN-wax combination should be mechanically agitated during use, by-pass agitation will not keep the BOTRAN in suspension. Use flat-fan or flood jet nozzles to uniformly spray fruit during packing line operations. Care should be taken to prevent plugging of nozzles. Collect spray run-off in a drain tray and discard.		
		22/3	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 low volume applicators (5-8 gal /hr.), apply 100 gallons of the BOTRAN-wax combination to approximately 500.000 pounds of fruit.		
Rhubarb (hot house)	Botrytis leaf rot	11/1	Begin applications when first buds emerge from crowns. Repeat at weekly intervals. Do no use later than 3 days before narvest.		
Sweet Cherry	Blossom blight	11/3	Apply at popcorn, bloom, full bloom and petal fail		
)	Fruit decay Monitinia Brown rot Rhizopus rot	11/3	Apply 10 days and 1 day prior to harvest. SFST AVAILABLE COI		
	Post-harvest decay Rhizopus rot	11/1	Spray chernes, while sorting, with a suspension of BOTRAN 75WDG. Do not recirculate used spray suspension.		
			b 1-2 lbs. captan 50W or equivalent per 100 gallons of water as recommended.		
Tomato	Ster., canker Botrytis (greenhouse)	1	Spray stem of plant from ground level up to a height of 18 to 24 inches. Repeat weekly or as necessary. Seedlings or newly set transplants may be injured by drenching		
Sweet potato Post-harvest	Post-harvest decay Rhizopus rot (Soray)	1	Spray, using 8001 fan-shaped nozzle at 50 to 70 psi immediately after washing while the potatoes are conveyed on chain rollers or belts. Do not nose after treatment. In recirculating systems, as volume decreases, make up to original volume with suspension do not recirculate to 1 lb. BOTRAN 75WDG per 100 gal. of water. Where black extrins problem, do not recirculate used spray suspension.		
	(Dig)	1	Dip roots for 10 to 15 seconds in well agriated suspension of BOTRAN 75W8G. De not rinse after treatment. Add 1/2 lb. BOTRAN 75W0G to 100 gallons of treating suspension after 500 bushels are treated. After each 1000 bushels treated, drain and flush tank. Refill with fresh dip suspension.		
Plantbed	Scierotial blight Scierotium rolfsii	•	* Seed Oip. Dip seed sweet potatoes 10 to 15 seconds in Mcanaged suspension containing 1 lb. BOTRAN 75WDG in 7.5 gal of water. Drain sweet potatoes and bed promptly Prepare fresh BOTRAN 75WDG suspension daily		
Seed Dip	Scuri <i>Monilochaetes</i>	•	OR OR Spray. Use 3 to 33% lbs. of BOTRAN 75WDG in 14 gal. of water per 1660-square feet of		
	infuscans		plant-bed. Spray or sprinkle BOTRAN 75WOG suspension over bedded sweet politices before		

DIRECTIONS FOR USE ON EDIBLE CROPS

Crep_	Disease	Desage* Lb Per 100 Gal of Water	Use
Celery	Pink rot Scierotinia scierotiorum	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.
		51/3	OR If early disease is not likely, make a single application of 5½ lbs. of 80TRAN 75WDG 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.
^a ctato	Botryris tright White mold Scierotinia scierotiorum	2	Apply 100 gallons per acre beginning at layby. Continue at 10- to 14-day intervals. Do no apply within 14 days of harvest. Do not feed treated potatoes to livestock. LIMIT USE TO NORTH CENTRAL STATES ONLY.
Lettuce Field it eaf and Head)	Orop or Natery Soft Rot Scierotinia scierotiorum	23 1/3	Apply 80TRAN 75W0G at 2 lbs, preemergence in 20-50 gallons per acre in a 4-6 inch band over the transplanted or seeded row. Make a second application at 375 lbs. immediately after thinning in 50-100 gallons of water per acre. Do not use more than 575 lbs. BOTRAN 75W0 per acre per season.
	S mingr	5 1/3	Apply immediately after thinning. Use 50-100 gallons of water per acre. Do not apply this product
	Botrytic gray mold rot	2 2/3	again after this single application. Apply prior to thinning (2 to 6 leaf stage) and repeal immediately after thinning. Do not apply within 14 days of harvest. Use sprayer with drup nozzte to direct spray (50 100 gailons water per acret to lower portion of plants and surrounding soil.
Lettuce Greenhouse (Leaf only)	Botrytis cinerea Botrytis gray mold rot Botryus cinerea	2 2/3	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 makes
ots: Some leaf bron		er application, but the	effect is of a temporary nature
Endive (escarole) (field)	Botrytis gray mold rot Botrytis cinerea	21/1	Apply 100 gallons of spray mixture per acre 7 gays following transplanting. Repeat application when plants are half mature. Do not apply to wilted plants, seedlings, or later than 14 days before harvest.
		23/1	OR Apply BOTRAN 75WDG spray at thirming and repeat application 7 days later. Do not apply writtin 14 days of harvest.
ste: Some leaf bronz lason	ting may be noted soon after	application, but the ef	Use sprayer with drop nozzle boom to direct spray (100 gal per acre) to lower portion of plants and surrounding soil. Hect is of a temporary nature. Do not apply more than two applications of BOTRAN 75WDG per
Onion and Gartic	White rot Scierotium	32-40*** (broadcast, or 43 560	Direct Seeding—mix (broadcast-ncorporate) 80TRAN 75WDG in top 1½ inches of soil 1-2 weeks before onions are seeded. Use restricted to Eastern Oregon, Eastern Washington and Western Idaho.
	·	iinear feet of furrow)	Planting sets or buds—in Furrew: Use low pressure (30 to 40 psi) spray equipment. Usi 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.
			Breadcast: Use 100 gallons per acre for broadcast treatment. Do not exceed 40 lbs per acre broadcast.
Me:Plow to 8 inches op in treated soil *	and cross-disc BOTRAN 75V Use 6-10 lbs per acre in	VDG treated area prior North Central States.	to seeding sensitive follow-up crops to prevent injury (lettuce). Do not plant spinach as follow-up
Snap Bean	White mold Scierotinia scierotiorum (Scierotiniose)	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. On not apply within 2 days of any harvest. On not feed treated foliage to livestock.
			USE ON ORNAMENTAL CROPS
		Desage'	• •
Crop	Disease	Lb Per 100 Gal of Water	Use
Rose Hydrangea	Bignt Botrytis	17)	Field—Apply BOTRAN 75WDG prior to shipment or storic Stered—Spray storage area thoroughly, spray or dip plagts_repeat amplice3direduring for storage periods
Chrysanthemum Geranium Rose	Blight Botrytis	72 to 1/4	Stack cuttings or preenhouse plants—Begin when disease is anticipated or first appears. Spray finiage and flowers at 7- to 14-day intervals. During prolonged gamp, equi periods apply every 5 to 7 days.
zulonolus	Ory rot Stromatinia	20	Spray or dust into furrow at planting time, so that treated self-surrounds corms 20 ib will treat one acre in furrows 1 ft. wide spaced 3 ft agant (14,520 linearet. of
	(soil) Blight	¼	furrow) Apply spray mixture with enough pressure to force funggide between spikes. Ap-

Blight

Apply spray mixture with enough pressure to force funggide between spikes. Apply spray mixture with enough pressure to force funggide between spikes. Apply to bunched cut flower spikes after harvest and before shipment of storage.

**Use suggested amount of BOTRAN 75WDG per 100 gallons water (unless otherwise specified) in full coverage sprays in conventional sprayers (not be exceed a maximum of 500 gallons per acre) or equivalent amount in concentrate or arnal equipment.

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SPECIAL LOCAL NEED REGISTRATIONS POTATOES

Control of White Mold (Sclerotinia sclerotiorum) with BOTRAN 75WDG

EPA SLN Numbers: CA-790042 (Amended 7/3/84 and 6/7/89), OR-890007, WA-890017, and NV-890001

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

For control of White mold (Sclerotinia sclerotiorum), use from 2 to 6 pounds of BOTLAN 75WDG Fungicide per acre in the first application. Begin treatment when vines are within 6 to 8 inches from closing 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 20 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)" below for specific instructions.

2. Ground Equipment:

Use 100 gallons per acre of water

3. Aerial Equipment:

Use at least 10 gallons per acre as the minimum spray volume.

APPLICATION THROUGH SPRINKLER IRRIGATION EQUIPMENT (POTATOES)

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 and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on 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 supply tank when the irrigation system is either automatically or manually shut down.

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

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.

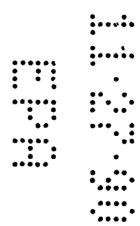
Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

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

- A. Center-pivot irrigation Equipment. Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle, measuring time required, amount of water injected, and acreage contained in circle. Mix recommended amount of BOTRAN 75WDG Fungicide for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution. Shut off injection equipment after one revolution, but continue to operate irrigation system until BOTRAN 75WDG 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 contents over a 10 to 30 minute period. Mix desired amount of BOTRAN 75WDG 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 75WDG Fungicidu 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 75WDG 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 75WDG Fungicide into water source. Irrigation water treated with BOTRAN 75WDG Fungicide should be maintained on the treated area until the water is absorbed into the soil. The tank containing BOTRAN 75WDG 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 source (or slurry) tank should be maintained during the entire application period.



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