

SPECIMEN LABEL**ACCEPTED**

MAR 3 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 45639-110

Botran[®] 75W

FUNGICIDE

For: Apricot, Blackberry, Boysenberry, Carrot, Celery, Cotton, Cucumber, Endive, Garlic, Grape, Lettuce, Nectarine, Onion, Peach, Plum and Prune, Potato, Red Raspberry, 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

75% w/w

INERT INGREDIENTS

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 WARM 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

3509 Silverside Road, P.O. Box 7495
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.

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 defoliant formulations as wettable powders. However, combination sprays of Botran 75W and miscible oil formulations of insecticides, particularly organic phosphorous compounds may cause plant injury. It is suggested that such combinations be used on a small number of plants before treating large areas.

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.

IMPORTANT: READ BEFORE USE

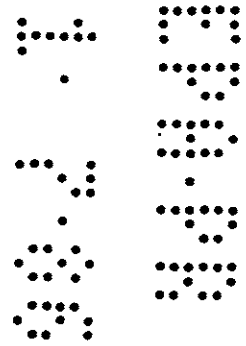
By using this product, user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

LIMITATIONS OF LIABILITY: In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.

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DIRECTIONS FOR USE ON EDIBLE CROPS

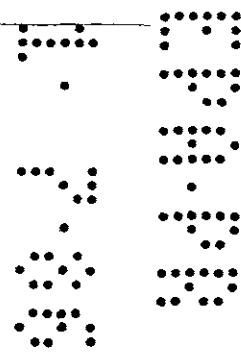
Crop	Disease	Dosage ¹ Lb Per 100 Gal of Water	Use
Apricot	Fruit decay <i>Monilinia</i> Brown Rot <i>Rhizopus</i> rot	1 1/2	Apply 10 days and 1 day prior to harvest Allow 1 day between application and harvest
	Postharvest decay <i>Rhizopus stolonifer</i> <i>Monilinia</i> rot (Brown rot)	1	Apply as combination of fruit wax plus Botran 75W plus Benlate 50W (0.5 lb per 100 gal of water) during packing line operations. 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/hr. Flat-fan or 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 treat fruit packed in containers which do not allow adequate drainage. Botran does not control <i>R. arrhizus</i> .			
Blackberry Boysenberry Raspberry (red)	Fruit decay <i>Botrytis</i> rot	1 1/2	Use a maximum of 4 applications. Begin applications (not to exceed 250 gallons per acre) just prior to bloom and continue at 10-day intervals. Allow 1 day between last treatment and harvest. LIMIT USE TO PACIFIC NORTHWEST ONLY
Carrot (Storage only)	Post-harvest decay <i>Sclerotinia sclerotiorum</i> (dip)	1	Dip carrots for 10 seconds in well agitated suspension. Do not rinse after treatment. Add 1/2 lb Botran 75W to 100 gallons of dip suspension after 500 bushels are treated. After each 1000 bushels treated, drain and flush tank. Refill with fresh dip suspension.
Cucumber (greenhouse)	White mold <i>Sclerotinia sclerotiorum</i>	1 1/2	Apply to diseased areas of plants. Additional applications may be required after 14 days.
Grape	Bunch rot <i>Botrytis</i> rot Storage rot	1 1/2	Botran 75W may be applied at onset of bloom to soon after shatter. Use 2 1/2 lb/acre of Botran 75W in 50 to 400 gallons of water per acre for control of <i>Botrytis</i> bunch rot (<i>Botrytis cinerea</i>). Up to 5 1/2 pounds of Botran 75W may be applied per season. Use Botran dust after cluster tightening (see Botran dust labels for complete directions for use). When combining Botran 75W with gibberellin, use with last gibberellin application.
Peach and Nectarine	Blossom blight <i>Monilinia</i>	1 1/2	Apply at pink bud and full bloom.
	Fruit decay <i>Monilinia</i> Brown rot <i>Rhizopus</i> rot	1 1/2	Apply 18 days, 10 days and 1 day prior to harvest. Allow 1 day between application and harvest.
Note: When combining with captan, use 1 to 1 1/2 lb Botran 75W to 1-2 lbs captan 50W or equivalent per 100 gallons of water as recommended.			
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 recirculate used spray suspension. Processing line operations —Botran 75W is most effective when applied during or after the deluzzing 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. TJB0 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>Monilinia</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>Monilinia</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. By-pass agitation will not keep the Botran in suspension. Fruit should be sorayed during packing line operations. Apply the Botran-wax combination to the fruit at the rate of 30-35 gal/hour at 18-30 psi. Flat-fan or 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: If wax containing OPP is used, the concentration of OPP in the final mixture should not exceed 0.25%.

NOTE: Use limited to grapes grown west of the Rocky Mountains only.

DIRECTIONS FOR USE ON EDIBLE CROPS

Crop	Disease	Dosage ¹ Lb Per 100 Gal of Water	Use
Plum and Prune	Blossom blight <i>Monilinia</i> Brown rot	1 1/2	Apply at popcorn and full bloom
Plum	Post-harvest decay <i>Rhizopus</i> rot <i>Monilinia</i> rot (Brown rot)	2 1/2 10-12	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. 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. 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. 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)	<i>Botrytis</i> leaf rot	1 1/2	Begin applications when first buds emerge from crowns. Repeat at weekly intervals. Do not use later than 3 days before harvest.
Sweet Cherry	Blossom blight <i>Monilinia</i> Fruit decay <i>Monilinia</i> Brown rot <i>Rhizopus</i> rot	1 1/2 1 1/2	Apply at popcorn, bloom, full bloom and petal fall. Apply 10 days and 1 day prior to harvest.
	Post-harvest decay <i>Rhizopus</i> rot	1 1/2	Spray cherries, while sorting, with a suspension of Botran 75W. Do not recirculate used spray suspension.
Note: When combining with captan, use 1 to 1 1/2 lb Botran 75W to 1-2 lbs captan 50W or equivalent per 100 gallons of water as recommended.			
Tomato	Stem canker <i>Botrytis</i> (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 <i>Rhizopus</i> rot (Spray)	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 rinse after treatment. In recirculating systems, as volume decreases, make up to original volume with suspension equivalent to 1 lb Botran 75W per 100 gal. of water. Where black rot is a problem, do not recirculate used spray suspension.
	(Dip)	1	Dip roots for 10 to 15 seconds in well agitated suspension of Botran 75W. Do not rinse after treatment. Add 1/2 lb Botran 75W 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	Sclerotial blight <i>Sclerotium rolfsii</i>		* Seed Dip: Dip seed sweet potatoes 10 to 15 seconds in well agitated suspension containing 1 lb Botran 75W in 7.5 gal of water. Drain sweet potatoes and bed promptly. Prepare fresh Botran 75W suspension daily.
Seed Dip	Scurf <i>Monilochaetes</i> <i>infusans</i>	-	OR ** Bed Spray: Use 3 to 3 1/4 lb of Botran 75W in 14 gal of water per 1,000 square feet of plant-bed. Spray or sprinkle Botran 75W suspension over bedded sweet potatoes before covering them with soil.
Bed Spray		--	Caution: Do not plant tomatoes as follow-up crop.
Celery	Pink rot <i>Sclerotinia</i> <i>sclerotiorum</i>	2 5 1/2	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. OR If early disease is not likely, make a single application of 5 1/2 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.
Cotton	Boll rot <i>Rhizopus</i>	2-2 1/2	Use sufficient water to cover. Spray prior to or as first bolls begin to open; repeat application 14 days later. Caution: Treated cotton and gin trash should not be grazed by or fed to livestock.
Potato	<i>Botrytis</i> blight White mold <i>Sclerotinia</i> <i>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 10 NORTH CENTRAL STATES ONLY.*



DIRECTIONS FOR USE ON EDIBLE CROPS

Crop	Disease	Dosage ¹ Lb Per 100 Gal of Water	Use
Lettuce (leaf only) (greenhouse)	<i>Botrytis</i> gray mold rot <i>Botrytis cinerea</i>	2½	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.
(field)	Drop or watery soft rot <i>Sclerotinia</i> <i>sclerotiorum</i>	5½	Apply immediately after thinning. Do not apply this product again after this single application.
	<i>Botrytis</i> gray mold rot <i>Botrytis cinerea</i>	2½	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.			
Endive (escarole) (field)	<i>Botrytis</i> gray mold rot <i>Botrytis cinerea</i>	2½	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.
		2½	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. Do not apply more than two applications of Botran 75W per season.			
Onion and Garlic	White rot <i>Sclerotium</i>	32-40*** (broadcast, or 43,560 linear feet of furrow)	Direct seeding—mix (broadcast-incorporate) Botran 75W in top 1½ inches of soil 1-2 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 crops to prevent injury (lettuce). Do not plant spinach as follow-up crop in treated soil. ***Use 6-10 lb per acre in North Central States.			
Snap Bean	White mold <i>Sclerotinia</i> <i>sclerotiorum</i> (<i>Sclerotinose</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 2 days of any harvest. Do not feed treated foliage 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>	1½	Field—Apply Botran 75W prior to shipment or storage. Stored—Spray storage area thoroughly; spray or dip plants; repeat application during long storage periods.
Chrysanthemum, Geranium, Rose	Blight <i>Botrytis</i>	½ to ¾	Stock cuttings or greenhouse plants—Begin when disease is anticipated or first appears. Spray foliage and flowers at 7- to 14-day intervals. During prolonged damp, cool periods apply every 5 to 7 days.
Gladiolus	Dry rot <i>Stromatinia</i> (soil)	20	Spray or dust into furrow at planting time, so that treated soil surrounds corms. 20 lb will treat one acre in furrows 1 ft wide spaced 3 ft apart (14,520 linear ft of furrow).
	Blight <i>Botrytis</i>	¾	Apply spray mixture with enough pressure to force fungicide between spikes. Apply to bunched cut flower spikes after harvest and before shipment or storage.

¹Use suggested amount of Botran 75W per 100 gallons water (unless otherwise specified) in full coverage sprays in conventional sprayers (not to exceed a maximum of 500 gallons per acre) or equivalent amount in concentrate or aerial equipment.

