

9624 R1 (FRONT)

DITHANE® FZ

FLOWABLE
AGRICULTURAL FUNGICIDE
WITH ZINC

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Use Precautions, and Storage and Disposal Instructions on back panel and attached use directions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

ACTIVE INGREDIENT

Miconazole hydrochloride 100% 100%

INERT INGREDIENTS

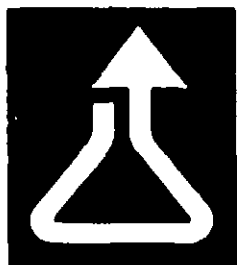
Water 90.0% 90.0%

EPA Reg. No. 707-170

EPA Est. No. 707-PA-1

NET CONTENTS

**2.5 GALS.
(9.46 L)**



**ROHM
AND
HAAS**
PHILADELPHIA, PA 19105

Rohm and Haas — 54Y 1230 REV. — OC — 4/20/83
Disc 35B — File Q

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Protective clothing consisting of long pants, long sleeve shirt, gloves, hat and boots must be worn during mixing and loading.

Wash thoroughly after using and before eating or smoking. Remove and wash contaminated clothing before re-use.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from area treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from fire and sparks.
Keep from freezing.

STORAGE AND DISPOSAL

PROHIBITIONS AND RECOMMENDATIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Store in a cool place, but not below 32°F. Do not allow to become overheated in storage. This may bring on chemical changes which will impair the fungicide effectiveness of DITHANE FZ fungicide. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple-rinse (or equivalent), puncture and dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

DITHANE® is a registered trademark of Rohm and Haas Company.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** (i.e. purity, effectiveness, or other unintended consequences resulting from such factors as failure to follow label directions, weather or soil conditions, presence of other materials, disease pests, drift to other crops or plants, etc.) Storage and manner of use are beyond the control of Rohm and Haas and Seller. All such claims will be assumed by the Buyer. In no case will Rohm and Haas or Seller be held liable for consequential or special or punitive damages resulting from the use or handling of this product.

ROHM AND HAAS COMPANY
PHILADELPHIA, PA 19105

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KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

Protective clothing consisting of long pants, long sleeve shirt, gloves, hat and boots must be worn during mixing and loading.

Wash thoroughly after using and before eating or smoking. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from fire and sparks.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label. For further information on use, **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Crop injury, ineffectiveness or other unintended consequences resulting from such factors as failure to follow label directions, weather or soil conditions, presence of other materials, disease pests, drift to other crops or property, handling, storage and manner of use are beyond the control of Rohm and Haas and hereon. A suit may be brought by the Buyer or User. In no case will Rohm and Haas or its agents be held liable for consequential, special or indirect damages resulting from the use or handling of this product.

DIRECTIONS FOR USE

GENERAL INSTRUCTIONS

Apply Dithane FZ Flowable as a foliar spray to the leaves of the crop. Apply at intervals of 7 to 10 days, beginning when the disease first appears. Repeat applications until the disease is controlled. Do not apply within 14 days of harvest. Remove residues by stripping, trimming and washing. Do not apply within 14 days of harvest.

VEGETABLES

ASPARAGUS — Rust. Use 2.4 qts. per acre. Begin in established field immediately after harvest. Repeat at 10 day intervals as long as necessary. In young fields which will not be harvested, begin when disease appears and repeat at 10 day intervals. For post harvest application only on established fields.

BEANS — Anthracnose, downy mildew, rust. Use 0.8 to 2.4 qts. per acre when disease first appears and repeat at 4 to 10 day intervals. Do not apply to succulent beans within 4 days of harvest. Beans as a generic term includes the following crops, chickpeas, garbanzo beans, kidney beans, lima beans, mung beans, navy beans, pinto beans, snap beans, wax beans, broad beans, fava beans, asparagus beans, blackeyed peas and cowpeas.

BROCCOLI — Aternaria leaf spot, downy mildew. Use 1.2 to 1.6 qts. per acre. Begin when diseases threaten. For downy mildew begin in plant bed and repeat at 3 day intervals. In field, repeat at 7 to 14 day intervals. If applied within 3 days of harvest remove residue by washing or trimming.

BRUSSELS SPROUTS — Aternaria leaf spot, downy mildew. Use 1.2 qts. per acre. Begin when diseases threaten. Repeat at 3 day intervals in plant beds and at 7 to 10 day intervals in field.

CABBAGE — Aternaria leaf spot, downy mildew. Use 1.7 to 2.0 qts. per acre. Begin 7 to 10 days after planting. Repeat at 3 to 5 day intervals in plant bed or field. Do not apply within 7 days of harvest.

CANTALOUPE — Refer to recommendations for Melons.

CARROTS — Aternaria and Cercospora leaf spot. Use 0.8 to 2.4 qts. per acre. Start applications when plants are 6 weeks old or when disease threatens. Repeat at 7 to 10 day intervals.

CASABA MELON — Refer to recommendations for Melons.

CAULIFLOWER — Refer to recommendations for Brussels Sprouts.

CELERY — Early blight (Cercospora) and late blight (Septoria). Use 0.8 to 2.4 qts. per acre. Start applications when plants are established in the field. Repeat as frequently as required (weekly under average conditions or every 3 to 5 days under severe conditions). Remove residues by stripping, trimming and washing. Do not apply within 14 days of harvest.

COLLARDS — Aternaria leaf spot and downy mildew. Use 0.8 to 2.4 qts. per acre. Start applications when disease first threatens in area and repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove residues by washing.

CORN (sweet) — Helminthosporium leaf blight. Use 1.6 to 2.0 qts. per acre. Begin applications when disease first threatens and repeat at 4 to 7 day intervals until harvest. Do not feed treated forage to livestock.

CRENSHAW MELON — Refer to recommendations for Melons.

CUCUMBER — Aternaria, Macropusium leaf spot, angular leaf spot, anthracnose, downy mildew, pythium blight. Use 1.2 to 3 qts. per acre. Begin when disease threatens. Repeat at 7 to 10 day intervals or at 3 to 5 day intervals under severe disease conditions. Do not apply within 5 days of harvest.

EGGPLANT — Anthracnose, early blight, Aternaria, Phomopsis blight or fruit rot. Use 0.8 to 2.4 qts. per acre. Begin when fruit starts to form. Repeat at 7 to 10 day intervals.

ENDIVE — Downy mildew. Use 0.8 to 2.4 qts. per acre. Begin when disease appears. Repeat at 7 to 10 day intervals until harvest. Do not apply within 10 days of harvest. Remove residues by stripping, trimming and washing. Do not apply within 14 days of harvest.

HONEY BALL MELONS — Refer to recommendations for Melons.

HONEY DEW MELONS — Refer to recommendations for Melons.

KALE — Refer to recommendations for Brussels Sprouts.

KOHLRABI — Refer to recommendations for Brussels Sprouts.

LETTUCE — Refer to recommendations for Brussels Sprouts.

MELONS — Refer to recommendations for Melons.



DIRECTIONS FOR USE

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

GENERAL INSTRUCTIONS

DITHANE FZ FLOWABLE agricultural fungicide with zinc is designed as an aid in the control of various plant diseases. Use DITHANE FZ fungicide in sprays at 0.8 to 2.4 qts. per acre unless specific directions below specify other dosage levels. Use low rates when plants are small and when disease pressure is low. Use the higher rates after foliage canopy has developed and when disease pressure is severe or threatening. Apply in sufficient volume of water to provide good coverage with available equipment in either dilute sprays or in concentrate ground or aerial sprays. Aerial application should be made with a minimum of 5 gallons of water per acre or in sufficient water to provide adequate coverage. Further detailed suggestions on aerial application are available on request. DITHANE FZ fungicide may be pumped into the spray tank as it is being filled with water or it should be performed in a hose tank for concentrate ground or aerial sprays.

Add insecticide ingredients to the spray tank and DITHANE FZ fungicide can be applied alone or with various other pesticides in recommended spray schedules. It should always be used in accordance with directions. For further details, see recommendations on this label and then consult the current State Agricultural Experiment Station spray schedules or State Extension Service Specialists for information on compatibility, dosage, timing, and frequency of spray. Always observe any listed timing restrictions between last application and harvest to avoid the possibility of residues in excess of the tolerances established.

FRUITS AND NUTS

ALMONDS — Brown rot (blossom and twig blight), leaf blight, scab. Use 1.2 to 1.6 qts. (4.0 to 6.4 qts. per acre) per 100 gallons of water or in sufficient water per acre by aircraft. Apply in popcorn, full bloom and petal fall or every 7 to 10 days if bloom is staggered. Shot Hole. Same rates but begin in dormant stage. Repeat at 7 to 10 day intervals through petal fall.

Do not apply later than 5 weeks after petal fall. If applied after petal fall do not feed husks to dairy animals or animals being finished for slaughter.

APPLES — Apple scab, bitter rot, black rot, brown rot, bud scale, fly speck, cedar apple rust, sooty blotch and white rot (Botryosphaeria). Use 0.8 to 1.6 qts. per 100 gallons of water in single strength sprays or up to 8.0 qts. per acre in concentrate sprays. For a protective schedule begin applications in the pre-pink sprays and repeat in subsequent pre-bloom, bloom and cover sprays in accordance with local state spray schedules. Do not apply within 30 days of harvest on apples in New England, New York, Michigan, Far West and other states not specifically listed below.

Do not apply within 15 days of harvest in Arkansas, Delaware, Florida, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia.

APRICOTS — Brown rot (blossom, twig and fruit). Use 1.2 to 1.6 qts. per 100 gallons per acre (8 qts. per acre maximum) at red bud. Repeat at early bloom, full bloom, petal fall and at 7 to 14 day intervals as necessary up to 7 weeks before harvest.

Green or Jacked rot. Use 1.6 qts. at full bloom and petal fall.
Shot Hole (fungus). Use 1.6 qts. per 100 gallons from dormant through petal fall stages in regular schedule.

Do not apply within 14 days of harvest.

Do not use in combination with Brazin® or sprays.

BANANAS — Sigatoka (Cercospora musae). Use 1.6 to 4.0 qts. per acre in sufficient water to provide adequate coverage by aerial or ground applications. Begin when disease first appears and repeat every two or three weeks or as required. Do not use for post-harvest application.

CRANBERRIES — Cranberry fruit rot, Massachusetts blight, light brown fruit rot (Washington and Oregon), fruit rot (Guernsey, Scandinavia and Sumner), New Jersey and Wisconsin. Use at 3 to 6 qts. per acre in sufficient water for thorough coverage. Start applications at mid bloom and repeat at 7 to 10 day intervals as required. Do not apply later than 4 weeks after mid bloom if a maximum of 7.5 qts. per acre are used or do not apply within 30 days of harvest if more than 4.8 qts. per acre are used.

FIGS — (Rusts), sunble molds and rots (Alternaria, Cladosporium). Use 0.8 qt. per 100 gallons or in sufficient water for adequate coverage by aircraft. Make one application 10 to 20 days before harvest. Do not apply within 10 days of harvest.

GRAPES — Black rot, bunch rot. Use 1.2 to 4.0 qts. per acre by ground or aircraft when new shoots are 8 to 10 inches long (pre-bloom). Repeat after bloom and again 10 days later. When fruit is present use maximum of 1.5 qts. per acre. Do not apply within 7 days of harvest.

NECTARINES — Brown rot, shot hole. Use 4.8 to 6.4 qts. in sufficient water per acre by ground or air. Begin at red bud. Repeat in early bloom, full bloom, petal fall and at 7 to 14 day intervals. Do not apply within 14 days of harvest.

PAPAYAS — Anthracnose (Colletotrichum), black rot (Cercospora). Use 1.6 to 2.4 qts. in sufficient water to cover (less than 50 gallons) per acre. Begin when fruit is set. Repeat at 10 to 14 day intervals during winter and early spring and every 7 days during wet weather. Direct spray to central column of tree to cover developing fruit.

PEACHES — Brown rot, scab, shot hole. Refer to recommendations for Nectarines. Peach leaf curl. Use 4.8 to 6.4 qts. in sufficient water per acre. Apply in spring dormant period.

Do not apply within 2 days of harvest. If applied within 14 days of harvest, remove residues by brushing.

severe disease conditions. Do not apply within 5 days of harvest.

EGGPLANT — Anthracnose, early blight (Alternaria). Pre-harvest blight. Use 0.8 to 2.4 qts. per acre. Begin when fruit starts to form. Repeat at 7 to 10 day intervals.

ENDIVE — Downy mildew. Use 0.8 to 2.4 qts. per acre. Begin when disease appears. Repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove residues from head lettuce by stripping and trimming and from leaf lettuce and endive by washing or other effective means.

HONEY BALL MELONS — Refer to recommendations for Melons.

HONEY DEW MELONS — Refer to recommendations for Melons.

KALE — Refer to recommendations for Collards.

KOHLEBI — Refer to recommendations for Brussels Sprouts.

LETTUCE — Refer to recommendations for Endive.

MELONS — Anthracnose, Cercospora leaf spot, downy mildew and gummy stem blight. Use 0.8 to 2.4 qts. per acre. Begin when disease first threatens. Repeat every 7 to 10 days as needed. Under severe conditions shorten spray intervals to 2 to 5 days. Do not apply within 5 days of harvest.

MUSK MELONS — Refer to recommendations for Melons.

MUSTARD GREENS — Refer to recommendations for Collards.

ONIONS — Blast (Botrytis leaf blight), downy mildew and purple blotch (blight). Use 1.2 to 2.4 qts. per acre. Apply when disease first threatens and repeat every 7 days as needed.

ONIONS (Dry Bulb) — Onion smut on organic soils. Apply 2.4 quarts in 75 to 125 gallons of water per acre as an open furrow (29,000 linear ft/acre) sod drench at the time of planting. Use lower spray coverage on moist, and higher on dry soils. Do not use more than 2.4 lbs. actual per acre.

PEPPERS — Anthracnose, Cercospora leaf spot (frog-eye spot), ripe rot. Use 0.8 to 2.4 qts. per acre. Begin when disease threatens. Repeat at 7 to 10 day intervals.

PERSIAN MELONS — Refer to recommendations for Melons.

POTATOES — Early and late blight. Apply every 7 to 10 days throughout the season. Begin applications when plants are 4 to 6 inches high by applying 0.8 to 1.2 qts. per acre. As the vines increase in size or under conditions of heavy disease pressure, apply 1.2 to 1.6 qts. per acre. Thorough, uniform coverage is essential for good disease control. In low gationage air blast or aircraft sprayers, adjust the mixing rate accordingly.

POTATOES (seed pieces) — Fusarium seed piece decay. Use 1 qt. per 10 gallons of water. Dip whole or cut tubers. Spread in cool place if held before planting. For seed piece treatment use only. Do not use treated seed pieces for food or feed.

PUMPKINS — Angular leaf spot, downy mildew. Use 2.4 qts. per acre. Start applications when disease threatens and repeat at 7 to 10 day intervals as needed.

RHUBARB (greenhouse, Michigan) — Botrytis leaf rot. Use 1.6 qts. per 100 gallons of water per acre. Begin 4 weeks before harvest. Make 4 applications at 7 day intervals.

SPINACH — Downy mildew (blue mold) and white rust. Use 0.8 to 2.4 qts. per acre. Start applications when disease first threatens in the area and repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove residues by washing or other effective means.

SQUASH (Summer and Winter) — Anthracnose, downy mildew. Use 1.2 to 2.0 qts. per acre. Begin when runners form and repeat weekly as needed.

Pythium fruit rot. Use 1.5 to 3.5 qts. per acre. Begin when runners form. Repeat at weekly intervals as needed.

Do not apply within 5 days of harvest.

TOMATOES (greenhouse and field) — Cladosporium leaf mold, anthracnose, early and late blight, gray leaf spot (Stemphylium) and Septoria leaf spot. Use 0.8 to 2.4 qts. per acre for field applications or 4.5 to 6.1 fluid ozs. per 5000 sq. ft. in greenhouses. Start applications when first cluster fruit is well formed and repeat at 7 to 10 day intervals. (To avoid injury, do not use on young seedlings in greenhouses.) More frequent applications may be necessary starting when plants are set in the fields if weather conditions favor disease. Tomato plants treated with DITHANE FZ fungicide tend to develop heavy foliage. To assure complete coverage, increase spray gationage accordingly. Where anthracnose is a serious problem on canning tomatoes, apply 2.4 qts. Begin when first fruit forms. Repeat at 7 to 10 day intervals. Do not apply within 5 days of harvest.

Bacterial spot (bacterial spot) is the primary disease. Use 1.2 qts. combined with 4 lbs. 17 basis copper sulfate (containing 53% metallic copper equivalent) per acre. Start applications when seedlings are about two weeks old and continue including the copper in the regular DITHANE FZ fungicide spray program as long as bacterial spot is prevalent. Do not apply within 5 days of harvest.

TURNIPS — Alternaria leaf spot, downy mildew. Use 0.8 to 2.4 qts. per acre. Begin when disease threatens. Repeat at 7 to 10 day intervals. Do not apply within 7 days of harvest. Remove residues by washing.

WATERMELONS — Refer to recommendations for Melons.

FIELD CROPS

GRASSES FOR SEED — Leaf, stem and stripe rusts. Use 1.6 to 2.4 qts. in 50 to 100 gallons of water per acre. Begin applications when first rust pustules are noted and repeat every 7 to 10 days until harvest or as long as rust threatens. Do not feed treated grass to livestock.

SUGAR BEETS — Cercospora leaf spot. Use 1.2 to 2.4 qts. per acre. Start applications when disease threatens and repeat at 7 to 10 day intervals as needed. If up to 1.6 qts. per acre are used and are not applied within 14 days of harvest, there is no restriction on feeding tops. If more than 1.6 qts. per acre are used, do not apply within 10 days of harvest and do not feed treated tops to livestock.

TOBACCO — Anthracnose. Use 1.8 to 3.2 qts. per acre. Begin after plants are set in field. Repeat as necessary.

Blue mold Use 0.4 to 3.2 qts. per 100 gallons. Use 2.5 to 5.0 gallons of diluted suspension per 100 square yards of plant bed. Begin when plants are about the size of a dime or when blue mold is first reported in the area. Repeat twice weekly or more often if sprays are washed with rain until plants are all in field. Use lower rates in early applications increasing to 3.2 qts. per 100 gals. as plants increase in size. For disease control under field conditions, use 1.8 to 3.2 qts. per acre. Repeat as necessary.

SEED TREATMENT

Seeds to be treated should be cleaned and well cured prior to treatment with DITHANE FZ fungicide.

DITHANE FZ fungicide is recommended at the rates listed in the following table for seed treatment as an aid in establishing good stands by reducing losses caused by damping off organisms and many seedling blights. The recommended rates vary depending on the quality of the seed to be treated and on the extent of disease present. The higher rates are generally used for seed of poor quality or where the disease pressure is considered severe.

DITHANE FZ fungicide may be applied to dry seed with conventional slurry seed treating equipment. The seed must be completely and uniformly covered with fungicide.

For seed treatment a dye must be added to DITHANE FZ fungicide which will impart an unnatural color to the seed. Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Seed commercially treated with DITHANE FZ fungicide must be labeled in accord with all applicable requirements of the Federal Seed Act.

DITHANE FZ fungicide can be used in combination with the products indicated following the seed treatment table for the uses specified in accordance with the most restrictive of label limitations and precautions. This product cannot be used in combination with any product containing a label prohibition against such combinations.

CROP	DISEASES	DOSAGE	
		MACHINE APPLICATION FLUID OZ	PLANTER-BOX APPLICATION FLUID OZ
Barley	covered and false loose smuts, damping off, seed rots, seedling blights	1.5-4.0 bu	1.5-4.2 bu
		1.5-2.0 bu ¹	1.5-3.6 bu ¹
			1.5-4.0 bu ¹
			2.8-4.2 bu ¹
			1.8-2.4 bu ¹
	1.46 bu	1.46 bu	
Beans	damping off, seed rots, seedling blights	2.0-4.0 bu	2.0-4.2 bu
			1.5-3.6 bu
			2.8-4.2 bu ¹
			2.0-4.0 bu ¹
			1.7-2.4 bu ¹
Corn	damping off, seed rots, seedling blights	2.0-4.0 bu	2.0-4.2 bu
		2.0 bu ¹	1.5-3.6 bu
			2.8-4.2 bu ¹
			2.0-4.0 bu ¹
			1.7-2.4 bu ¹
Cotton	damping off, seed rots, seedling blights	1.5-4.0 bu	1.5-4.2 bu
		1.5-2.0 bu ¹	1.5-3.6 bu ¹
			1.5-4.0 bu ¹
			2.8-4.2 bu ¹
			1.8-2.4 bu ¹

MISCELLANEOUS AGRICULTURAL USES

CONIFERS — Needle diseases such as needle cast (*Lophodermium pinastri*) and brown spot (*Scirrhia acicola*). Use 1.2 qts. per 100 gallons. Begin application in spring or early summer before infection periods. Repeat after heavy rains and at two week intervals as long as needed.

BUFFALOBERRY (*Shepherdia argentea*, in nurseries) — Leaf spot diseases (*Cylindrosporium*). Use 1.2 quarts per 100 gallons. Begin when diseases first appear. Repeat at weekly intervals as long as necessary.

SKUNKBUSH SUMAC (*Rhus trilobata*, in nurseries) — Leaf spots (*Cylindrosporium*). Use 1.2 qts. per 100 gallons. Begin when diseases first appear. Repeat at weekly intervals as long as necessary.

NOTE DITHANE FZ fungicide may be used without a spreader sticker. When necessary to improve the spray coverage on difficult to wet foliage and to smooth out spray deposits on maturing fruit, TRITON® B 1956 is recommended. Other suitable pesticide spreader stickers may also be used, except in situations where TRITON B 1956 is recommended as the only acceptable spreader sticker.

ORNAMENTALS

General Use Instructions for Ornamentals:

Use in spray at 1 to 2 fluid ozs. per 1,000 sq. ft. or 0.8 to 1.2 qts./100 gallons per acre unless directions below specify other dosage levels. Begin spraying when plants are leafed out and apply at weekly intervals throughout the season.

ASTERS — Rust, stem rot. Use 1 to 2 fluid ozs. per 1,000 sq. ft. Begin at first sign of disease. Repeat at 7-10 day intervals.

AZALEAS, CAMELIAS — Petal blights. Use 1 to 2 fluid ozs. per 1,000 sq. ft. Apply to litter and soil beneath plants, also to flowers of azaleas. Begin when flower buds swell. Repeat at 3-5 day intervals.

CARNATION — Alternaria blight or leaf spot, anthracnose, Botrytis blight. See General Use Instructions for Ornamentals.

CHRYSANTHEMUM — Ascochyta ray blight, Botrytis petal spot, Septoria leaf spot. Use 0.4 qt. plus 4 lb. captan active per 100 gallons. Apply twice weekly during the blooming season for petal spot and ray blight; for Septoria leaf spot apply weekly throughout the season.

DANLIA — Alternaria blight or leaf spot, Botrytis. See General Use Instructions for Ornamentals.

DOGWOOD (FLOWERING) — Anthracnose. Use 0.8 to 1.2 qts./100 gallons. Apply when buds begin to open and again when bracts have fallen and 4 weeks later and again in late summer after flower buds for next season are formed.

GERANIUMS — Botrytis blight. Use 1 to 2 fluid ozs. per 1,000 sq. ft. or 0.8 to 1.2 qts./100 gallons. Begin when new growth starts. Repeat as disease appears or at first sign of disease. Repeat at 7-10 day intervals.

GLADIOLUS — Botrytis blight, Curculionid and stemphylid leaf and petal rot. Use 1.2 qts./100 gallons of water. Apply once a week from bud formation to 2-3 weeks after the plants are finished.

GRASSES (TUFT) — Rust, stem rot, leaf spot. Use 4.0 to 8.0 fluid ozs. per 1,000 sq. ft. or 3.0 to 6.0 qts. per 100 gallons. Apply at first sign of disease and repeat at 7-10 day intervals.





CROP	DISEASES	DOSAGE	
		MACHINE APPLICATION FLUID OZ.	PLANTER-BOX APPLICATION FLUID OZ.
Barley	covered and false loose smuts damping off, seed rots seedling blights	15 4.0/bu	15 4.2/bu
		15 2.0/bu ^a	15 3.6/bu ^a
Beans	damping off, seed rots, seedling blights	1.46/bu ^b	1.46/bu ^b
		20 4.0/bu	20 4.2/bu
			15 3.6/bu ^c
			28 4.2/bu ^d
			20 4.0/bu ^e
Corn	damping off, seed rots, seedling blights	20 4.0/bu	20 4.2/bu
		20/bu ^f	15 3.6/bu ^c
			28 4.2/bu ^d
			20 4.0/bu ^e
			12 2.4/bu ^g
Cotton	damping off, seed rots, seedling blights		19.2/bu
			20 4.0/100 ^h
			12 2.4/100 ^h
			16 3.2/bu ⁱ
			9.6 16.0/bu (regined or 1.2%) ^j
Flax	damping off, seed rots, seedling blights	15 4.0/bu	30 6.4/bu
		4.0/bu ^k	30 4.0/bu ^k
		2.9/bu ^l	1.2/bu ^m
Oats	damping off, seed rots, seedling blights, smuts	15 4.0/bu	15 1.2/bu
		15 2.0/bu ⁿ	15 3.6/bu ^c
			28 4.2/bu ^d
			15 4.0/bu ^e
			0.6 2.4/bu ^o
Peanuts	damping off, seed rots, seedling blights	1.46/bu ^b	1.46/bu ^b
		15 4.5/100 ^p	28 4.2/100
			28 4.2/100 ^q
			12 2.4/100 ^r
			15 4.5/100 ^s
Peas	damping off, seed rots, seedling blights	15 2.25/100 ^t	15 2.25/100 ^t
		2.9 4.0/bu	20 4.2/bu
			15 3.6/bu
			28 4.2/bu ^d
			20 4.0/bu ^e
Rice	seed rots, water molds, seedling blights	4.0 6.0/100	12 2.4/bu ^u
			1.46/bu
			1.46/bu
			1.46/bu
			1.46/bu
Sorghum	covered kernel smut, damping off, seed rots, seedling blights	1.46/bu	1.46/bu
		15 4.0/bu	15 4.2/bu
			15 3.6/bu
			28 4.2/bu ^d
			20 4.0/bu ^e
Soybeans	damping off, seed rots, seedling blights	15 4.0/bu	15 4.2/bu
			15 3.6/bu
			28 4.2/bu ^d
			20 4.0/bu ^e
			12 2.4/bu ^u
Sugar Beets	damping off, seed rots, seedling blights	9.6 16.0/100	
Wheat	bunt, damping off, seed rots, seedling blights	15 4.0/bu	15 4.2/bu
		15 2.0/bu ⁿ	15 3.6/bu
		1.0 bu	28 4.2/bu ^d
			15 4.0/bu ^e
			0.3 2.4/bu ^v
	0.72/bu	0.72/bu	

^aIn combination with 0.75-1.8 oz actual captan/bu or 100 lbs as indicated
^bIn combination with 0.4-0.6 oz actual captan/bu or 100 lbs as indicated
^cIn combination with 1.5-2.1 oz actual captan/100 lbs
^dIn combination with 0.2-0.4 oz actual HCB/bu or 100 lbs as indicated
^eIn combination with 0.2-1.2 oz actual captan and HCB/bu or 100 lbs as indicated
^fIn combination with equal amounts of PCNB
^gIn combination with 0.1 oz of HCB/bu
^hIn combination with equal amounts of captan
ⁱIn combination with 0.74 oz of actual thiram
^jIn combination with equal amounts of actual captan plus 0.4 to 0.6 oz actual PCNB and 0.1 to 0.15 oz actual 5-ethoxy-3-trichloromethyl-1,2,4-thiazole
^kIn combination with HCB and captan: Maneb to HCB to captan ratio 1:2:1

AZALEAS, CAMELLIAS — Petal blights. Use 1 to 2 fluid ozs per 1,000 sq ft. Apply to leaves and soil beneath plants up to flowers of azaleas. Begin when flower buds swell. Repeat at 3-5 day intervals.

CARNATION — Alternaria blight or leaf spot, anthracnose, Botrytis blight. See General Use Instructions for Ornamentals.

CHRYSANTHEMUM — Ascochyta ray blight, Botrytis petal spot, Septoria leaf spot. Use 0.4 qt plus 4 lb captan active per 100 gallons. Apply twice weekly during the blooming season for petal spot and ray blight. For Septoria leaf spot apply weekly throughout the season.

DAHLIA — Alternaria blight or leaf spot, Botrytis. See General Use Instructions for Ornamentals.

DOGWOOD (FLOWERING) — Anthracnose. Use 0.8 to 1.2 qts/100 gallons. Apply when buds begin to open and again when bracts have fallen and 4 weeks later and again in late summer after flower buds for next season are formed.

GERANIUMS — Botrytis blight. Use 1 to 2 fluid ozs per 1,000 sq ft or 0.8 to 1.2 qts/100 gallons. Begin when new growth starts before disease appears or at first sign of disease. Repeat at 7-10 day intervals.

GLADIOLUS — Botrytis blight, Curvularia and Stemphylium leaf spots. Use 1.2 qts/100 gallons of water. Begin when flower spikes are developing. Repeat 2 to 3 times at weekly intervals.

GRASSES (TURF) — Leaf, stem and stripe rust. Use 4.4 to 12.8 fluid ozs per 2,000 sq ft in sufficient water to provide adequate coverage. Start application when rust pustules are first seen and repeat at 7 to 14 day intervals.

Sclerotinia (dollar spot) — Use at 9.6 to 12.8 fluid ozs per 1,000 sq ft in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat at 7 to 14 day intervals until disease threat is past.

Helminthosporium and melting out — Use at 4.8 to 6.4 fluid ozs per 1,000 sq ft in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat at 7 to 14 day intervals until disease threat is past.

Rhizoctonia (brown patch) — Use at 4.8 to 6.4 fluid ozs per 1,000 sq ft in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat at 5 to 10 day intervals until disease threat is past.

Do not graze treated areas. Do not feed clippings to livestock.

HYDRANGEAS — See General Use Instructions for Ornamentals and Geraniums for diseases.

IRIS — See General Use Instructions for Ornamentals and Dahlias for diseases.

LILIES — See General Use Instructions for Ornamentals and Geraniums for diseases.

PANSIES — See General Use Instructions for Ornamentals and Carnation for diseases.

PEONY — Botrytis blight and Phytophthora blight, Alternaria leaf blight or spot. Apply to foliage and soil in early spring and early fall, drenching soil surrounding plant as well as foliage. Destroy all infected parts promptly. Apply at 7 to 10 day intervals during growing season. Use 1 to 2 fluid ozs per 1,000 sq ft or 0.8 to 1.2 qts per 100 gallons per acre.

ROSES — Black spot, Cercospora leaf spot (Texas) and rust (California). See General Use Instructions for Ornamentals. Begin when first leaves unfold. Repeat at 7 to 10 day intervals.

SNAPDRAGON — Rust, Botrytis blight, downy mildew. See General Use Instructions for Ornamentals. Begin at time of emergence. Repeat at 7 to 10 day intervals.

ZINNIA — See General Use Instructions for Ornamentals and Dahlias for diseases.

STORAGE AND DISPOSAL

PROHIBITIONS AND RECOMMENDATIONS Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Store in a cool place, but not below 32°F. Do not allow to become overheated in storage. This may bring on chemical changes which will impair the fungicidal effectiveness of DITHANE FZ fungicide. Keep container closed when not in use.

PESTICIDE DISPOSAL Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL Triple rinse (or equivalent), puncture and then dispose of in a sanitary landfill or by incineration, if permitted by State and local authorities.

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