



FRUITS AND NUTS

ALMONDS (California) — Brown rot (blossom blight), Coryneum blight (shot hole) Use 1½ to 2 lbs. DITHANE M-22 per 100 gallons or 6 to 8 lbs. per acre in full coverage sprays. Apply at popcorn, full bloom and petal fall, or every 7 to 10 days if bloom is staggered and weather is rainy. Use 4 ounces TRITON B-1956 spreader sticker per 100 gallons spray. Do not apply later than 5 days after petal fall if almond hulls are to be fed to dairy animals or animals being finished for slaughter.

APPLES — Apple scab, bitter rot, black rot, brown rot, bullseye rot, fly speck, rust, sooty blotch and white rot. Use DITHANE M-22 at 1 to 2 lbs. per 100 gallons of water in single strength sprays or up to 10 lbs. 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. Add 2 ounces TRITON B-1956 in last three sprays to provide smooth even application and to reduce sooty unsightly residue deposits. 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, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia.

APRICOTS, NECTARINES, PEACHES (Western States) — Brown rot (blossom blight), Coryneum blight (shot hole), green or jacket rot, peach leaf curl. Begin at dormant to popcorn stage, repeat every 7 to 14 days through petal fall according to local timing recommendations and disease severity. For fruit brown rot use again at 4 to 6 weeks before harvest, repeating applications every 7 to 14 days. Use 1½ to 2 lbs. DITHANE M-22 per 100 gallons of spray or 6 to 10 lbs. per acre in full coverage sprays. Add 3 to 4 ounces TRITON B-1956 spreader-sticker per 100 gallons spray. Do not apply to apricots and nectarines within 14 days of harvest. Do not apply to peaches within 2 days of harvest. If applied to peaches within 14 days of harvest remove residues by brushing.

BANANAS — Sigatoka. Use 2 to 4 lbs. DITHANE M-22 per acre in sufficient water to provide adequate coverage. Apply only in aerial applications. Begin when leaves first appear and repeat every two or three weeks or as required.

CRANBERRIES — Fruit rots. Use 3 to 6 lbs. DITHANE M-22 per acre in sufficient water for good coverage. Begin applications at mid-bloom and repeat at 10 to 14 day intervals. Do not apply within 30 days of harvest.

GRAPES — Black rot (bunch rot). Use 1½ to 5 lbs. DITHANE M-22 per acre starting when new shoots are 8 to 10 inches long (pre-bloom) and continuing until 10 days after bloom. When fruit is present, use maximum of 1½ lbs. DITHANE M-22 per acre. Do not apply within 7 days of harvest.

FIELD CROPS

CEREAL GRAINS — For planter box applications. Mix thoroughly with seed in planter box. Treat and mix one-half of seed then treat and mix remaining seed. Do not use treated seed for food, feed or other purposes.

Crop	Planter Box Disease	
	DITHANE M-22 in Ounces	Diseases
Barley	1.25/bu	covered and false loose smuts, damping off, seed rots, seedling blights.
Corn	1.70/bu	damping off, seed rots, seedling blights.
Oats	1.25/bu	damping off, seed rots, seedling blights, smuts.
Rye	1.25/bu	bunt, damping off, seed rots, seedling blights.
Wheat	1.25/bu	bunt, damping off, seed rots, seedling blights.

(Continued on other side panel)



ACCEPTED
JAN 4 1963

AGRICULTURAL FUNGICIDE

ACTIVE INGREDIENT
Maneb (Manganese ethylene bisdithiocarbamate) 80%
(Metallic manganese equivalent — 16.5%)
INERT INGREDIENT 20%
TOTAL 100%

U.S. Pat. No. 3,379,610
EPA Reg. No. 707-48
EPA Est. No. 707-PA-1

CAUTION

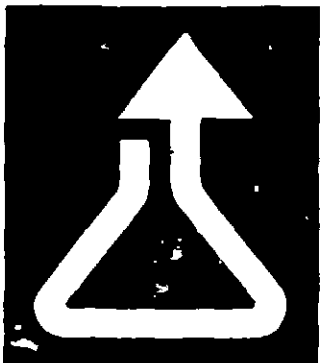
KEEP OUT OF REACH OF CHILDREN

May cause irritation of nose, throat, eyes and skin. Do not breathe dust or spray mist. In case of skin contact wash with water; for eyes wash copiously with water and get medical attention. Toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply only as specified on this label.

Do not reuse empty container. Destroy when empty.

IMPORTANT: Keep away from fire and sparks. Store in a cool, dry place. Do not allow to become wet or overheated during storage. This may bring on chemical changes which will impair the fungicidal effectiveness of DITHANE M-22 and may also generate flammable vapors. Keep container closed when not in use.

NET CONTENTS 3 LBS. (1.361 kg)



ROHM AND HAAS
PHILADELPHIA, PA. 19105

Protective clothing consisting of long pants and boots must be worn during mixing and l...

FIELD CROPS (Continued)

GRASSES FOR SEED — Leaf, stem and stripe rusts. Use 2 to 3 lbs. DITHANE M-22 per acre in 50 to 100 gallons of water. 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 1/4 to 2 lbs. per acre in 75 to 125 gallons of water. Add TRITON B 1956 spreader sticker. Start applications when disease first threatens (usually early July) and repeat at 7 to 10 day intervals as needed. Do not apply within 14 days of harvest. Do not feed treated tops to livestock.

For seed treatment — To control damping-off, seed rots, and seedling blights, use 6 to 10 ounces DITHANE M-22 per 100 lbs. seed.

Do not use treated seed for food or feed.

Do not feed treated seed to dairy or meat animals.

TOBACCO — Anthracnose and blue mold. Use 1/2 lb. DITHANE M-22 per 100 gallons water, or 1 heaping teaspoon per 4 gallons water. Spray plant beds when plants are the size of a dime or when blue mold is first reported in the area, applying 2 1/2 to 5 gallons per 100 square yards depending on size of plants. Repeat twice weekly or oftener if sprays are washed with rain. Continue treatment until transplanting is complete.

ORNAMENTALS AND TURF

CHRYSANTHEMUM — Ascochyta ray blight, Botrytis petal spot, Septoria leaf spot. Use 1/2 lb. DITHANE M-22 plus 1/4 lb. captan 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.

FLOWERING DOGWOOD — Anthracnose. 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.

PEONY — Botrytis blight and Phytophthora blight. Apply in early spring and early fall, drenching soil surrounding plants as well as foliage. Destroy all infected parts promptly.

CARNATION — Leaf spot

DAHLIA — Botrytis

GLADIOLUS — Botrytis, Curvularia, Stemphylium

LILY — Botrytis

PANSY — Anthracnose

ROSE — Black spot

SNAPDRAGON — Rust

ZINNIA — Leaf blight

Use 1 to 1 1/2 lbs. per 100 gallons or 1 1/2 level tablespoons per gallon in full coverage spray. Begin spraying when plants are well leafed-out and apply at weekly intervals throughout the season. (See General Instructions.)

TURF GRASSES — Leaf, stem and stripe rusts. Use 2 tablespoons DITHANE M-22 per gallon or 3 lbs. per 100 gallons. Apply 2 gallons per 1000 sq. ft. or 100 gallons per acre when rust pustules are first seen and repeat every 7 to 14 days as long as rust threatens.

Sclerotinia (dollar spot) Use DITHANE M-22 at 6 to 8 oz. per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 7 to 14 days until disease threat is past.

Melting out — Use DITHANE M-22 at 3 to 4 oz. per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 7 to 14 days until disease threat is past.

Rhizoctonia (brown patch) Use DITHANE M-22 at 3 oz. per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 5 to 10 days until disease threat is past.

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

DIRECTIONS FOR USE GENERAL INSTRUCTIONS

DITHANE M-22 agricultural fungicide is designed as an aid in the control of various plant diseases. Use DITHANE M-22 in sprays at 1 to 3 lbs. per acre unless specific directions below specify other dosage levels. Apply in sufficient volume of water to provide good coverage with available equipment in either dilute sprays or in concentrate ground or aerial sprays. Further detailed suggestions on aerial application are available on request.

Sift DITHANE M-22 into the spray tank as it is being filled with water, or it should be pre-mixed in a nurse tank for concentrate ground or aerial sprays.

Add insecticide ingredients to the spray tank last. DITHANE M-22 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 sprays. Always observe any listed timing restrictions between last application and harvest to avoid the possibility of residues in excess of the tolerances established.

VEGETABLES

BEANS — Downy mildew, rust. Apply when diseases first appear and repeat at weekly intervals. Do not apply to string beans within 4 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KOHLRABI — Alternaria leaf spot, downy mildew. Use 1 to 3 lbs. DITHANE M-22 per acre in up to 150 gallons of water (except on cabbage, 2 1/4 lbs. maximum). Begin applications as soon as disease threatens and repeat at 7 to 10 day intervals in the field. Use at 3 day intervals in plant beds. Do not apply within 7 days of harvest.

CANTALOUPE, CUCUMBERS, MELONS, SQUASH, WATERMELONS — Anthracnose, downy mildew, gummy stem blight. Start applications when runners begin to form or at the first sign of disease. Repeat at weekly intervals. Direct spray to underside of leaves. Some varieties of melons may be sensitive to DITHANE M-22. Check this before use on any questionable varieties. Do not apply within 5 days of harvest.

CARROTS — Cercospora leaf spot, leaf blight. Begin applications when diseases are reported in the area and continue at 7 to 10 day intervals during the growing season, or as required for adequate control.

CELERY — Early and late blight. Begin spraying in the plant bed when plants first come through the ground. Make further applications at 3 to 5 day intervals until plants are set in the field. Continue field applications on regular weekly schedule. Remove residue by stripping, trimming and washing. Do not apply within 14 days of harvest.

COLLARDS, KALE, MUSTARD GREENS, TURNIPS — Alternaria leaf spot and downy mildew. Start applications when disease first appears in area and repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove excess residues by washing.

CORN — (sweet) Florida — Helminthosporium leaf blights. Use 2 to 2 1/2 lbs. DITHANE M-22 per acre in sufficient water for adequate coverage. Begin applications when disease first threatens. Repeat at 4 to 7 day intervals until harvest. Do not feed treated forage to livestock.

EGGPLANT, PEPPERS — Anthracnose fruit rot. Apply as fruit begins to form and at weekly intervals through harvest.

LETTUCE, ENDIVE — Downy mildew. Apply at first signs of disease and repeat at 7 to 10 day intervals as required. Remove residue by trimming and washing. Do not use within 10 days of harvest.

ONIONS — Botrytis leaf blight, downy mildew, purple blotch. Apply when diseases are reported in the area and continue at 7 to 10 day intervals during the season.

POTATOES — Early and late blight. Apply every 7 to 10 days throughout the season. Begin applications early applying 1 lb. DITHANE M-22 per acre. Use 1 1/2 to 2 lbs. per acre as vines increase in size.

PUMPKINS — Angular leaf spot and downy mildew. Use 3 lbs. DITHANE M-22 per acre in sufficient water to wet plants thoroughly. Start applications when disease threatens and repeat at 7 to 10 day intervals as needed.

SPINACH — Downy mildew (blue mold), white rust. Apply at first signs of diseases and repeat at 7 to 10 day intervals or as required for adequate control. Do not spray within 10 days of harvest. Remove excess residues by washing.

TOMATOES — Anthracnose, early and late blight, Septoria leaf spot, Stemphylium (gray leaf spot), and Cladosporium gray mold on tomatoes in field, greenhouse or plant beds. Begin spraying when diseases are first reported in area and repeat at 7 to 10 day intervals or oftener during severe late blight conditions. Use 3 lbs. DITHANE M-22 per acre in severe anthracnose area. To avoid damage do not use on tender young plants under glass. Do not apply within 5 days of harvest.

NOTE — DITHANE M-22 is used without any sticker-spreader. When necessary to improve the spray coverage on foliage difficult to wet and to smooth out spray deposits on maturing fruit TRITON® B-1956® is recommended. Other suitable pesticide sticker-spreaders may also be used, except in situations where TRITON B-1956 is recommended as the only acceptable sticker-spreader.

DITHANE M-22 FOR DUSTING — DITHANE M-22 is also available in dust formulations from your local supplier.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

...consistent with label directions.

ts, long sleeve shirt, gloves, hat
padding.

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MADE IN U.S.A.