

Net Contents:

2-1/2 Gallons



This product contains 4 Lbs. Maneb per gallon.

EPA Registration No. 48557-12

EPA Establishment No. 48557X-01

ACTIVE INGREDIENT: Maneb (Manganese Ethylenebisdithiocarbamate) 37%
INERT INGREDIENTS: 63%
(Total manganese as metallic 7.6%) Total zinc as metallic 0.925%

CAUTION: Keep Out of Reach of Children

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Protective clothing (long pants, long-sleeve shirt, gloves, hat and boots) must be worn by commercial applicators and/or other workers during mixing and loading.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention if IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS: Keep away from fire and sparks

Manufactured by: Cumberland International Corporation



1523 N. Post Oak Rd. • Houston, Tx. 77055

DIRECTIONS FOR USE

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

Follow directions carefully. Timing and method of application, weather, and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given here-in.

Where a dosage range is recommended use the higher dosage when the weather is conducive to rapid fungus growth (warm, humid weather) and when the plants are in full foliage.

STORAGE AND DISPOSAL

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

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: Triple rinse for equivalent. Then offer for recycling or reconditioning or dispose of in a sanitary landfill or by incineration if allowed by state and local authorities.

WARRANTY STATEMENT

NOTICE: CUMBERLAND INTERNATIONAL CORPORATION warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions on the label and press specified. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to the directions or under abnormal conditions or under conditions not reasonably foreseeable to the seller and buyer assumes a risk of any such use.

AGRICULTURAL FRUIT AND NUT CROP

ALMONDS: BROWN ROT, BLOSSOM AND TWIG BLIGHT, LEAF BLIGHT, SCAB - 1.2 to 1.6 quarts

Apply in popcorn, full bloom, and petal fall every 7 to 10 days if bloom is staggered.

SHOTHOLE - 1.2 to 1.6 quarts. Begin in dormant stage. Repeat at 7 to 10-day intervals through petal fall. If applied after petal fall, do not feed hives to dairy animals or animals being finished for slaughter. Do not apply later than 5 weeks after petal fall.

APPLES: BLACK ROT, BITTER ROT, BOTRYOSPHERIA (WHITE ROT), BULLSEYE ROT, CEDAR APPLE RUST, FLYSPECK, SCAB AND SOOTY BLOTCH - 1.2 to 1.6 quarts plus suitable spreader-slicker. Begin in prebloom, calyx, or full cover stages. Repeat at 7 to 14-day intervals as necessary. Do not graze livestock in treated areas. 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. Do not apply within 30 days of harvest in other states.

APRICOTS: BROWN ROT (BLOSSOM, TWIG AND FRUIT) - 1.2 to 1.6 quarts. Begin at red bud stage. Repeat in early bloom, full bloom, petal fall, and at 7 to 14-day intervals as necessary up to 2 weeks before harvest.

JACKET ROT (GREEN ROT) - 1.6 quarts at full bloom and petal fall. SHOTHOLE - 1.6 quarts from dormant through petal fall stages in regular schedule. Do not apply later than 14 days before harvest.

BANANAS: CROWN ROT, SURFACE MOLD (SIGATOA SPECIES) - 1.6 to 3.2 quarts. SIGATOA (CERCOSPORIA MUSAE) - 2.4 to 4.0 quarts/acre in sufficient water to cover. Apply at 2 week intervals beginning at first sign of disease.

CANBERRIES: FRUIT ROT (MASSACHUSETTS) - 1.6 to 2.4 quarts. Begin at midbloom. Repeat at 10 to 14-day intervals for 3 applications. In New Jersey and Wisconsin, applications should also be made 4 weeks after midbloom and 2-3 weeks later. TWIG BLIGHT (LYPHODERMUM), FRUIT ROT (WASHINGTON AND OREGON) - 1.6

alter bloom and again 10 days later, do not apply later than 10 days after bloom. Or, use 1.4 quarts in sufficient water/acre. Apply as necessary, do not apply within 7 days of harvest.

NECTARINES: BROWN ROT, SHOTHOLE - 1.2 to 1.6 quarts. Begin at red bud. Repeat in early bloom, full bloom, petal fall, and at 7 to 14-day intervals up to 2 weeks before harvest, do not apply within 14 days of harvest.

PAPAYAS: ANTHRACNOSE (COLLECTOTRI-CHUM), BLACK SPOT (CERCOSPORIA) - 1.6 to 2.4 quarts in sufficient water to cover (not less than 500 gallons) per acre. Add 4.0 ounces of spreader-slicker/100 gallons of spray suspension. 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, SHOTHOLE. See under Nectarines.

PEACH LEAF CURL - 1.2 to 1.6 quarts. Apply in spring dormant period. Do not apply within 2 days of harvest. If applied within 14 days of harvest, remove residues by brushing.

AGRICULTURAL VEGETABLE CROP

ASPARAGUS: RUST - 2.4 quarts/50 to 200 gallons/acre. Begin in established fields 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. Postharvest application only on established fields.

BEANS (LIMA): ANTHRACNOSE, DOWNY MILDEW - 1.2 to 1.6 quarts. Begin at first sign of disease. Repeat at 4 to 7-day intervals. Do not apply within 4 days of harvest of succulent beans.

BEANS (SNAP OR STRING): ANTHRACNOSE, DOWNY MILDEW, RUST - 1.2 to 1.6 quarts. Begin when plants are small. Repeat at 5 to 7-day intervals. Do not apply within 4 days of harvest of succulent beans.

BROCCOLI: ALTERNARIA LEAF SPOT, DOWNY MILDEW - 1.2 to 1.6 quarts. 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 residues by washing or trimming.

BRUSSELS SPROUTS, CAULIFLOWER, AND KOHLRABI: ALTERNARIA LEAF SPOT, DOWNY MILDEW - 1.2 quarts. Begin when diseases threaten. Repeat at 3-day intervals in plant beds and at 7 to 10-day intervals in field.

CABBAGE: ALTERNARIA LEAF SPOT, DOWNY MILDEW - 1.2 to 1.6 quarts. Begin 7 to 10 days after planting. Repeat at 3 to 5-day intervals in plant bed and field. Do not apply within 7 days of harvest.

CANTALOUPE, CASSABAS, CRENSHAW, HONEYDEW MELONS, HONEYBALLS, MUSK-MELONS, PERSIAN MELONS, AND WATER-MELONS: ANTHRACNOSE, CERCOSPORIA LEAF SPOT, DOWNY MILDEW, GUMMY STEM BLIGHT - 1.2 to 1.6 quarts. Begin at late bunching when vines begin to run or when disease first appears. Repeat at 7 to 10-day intervals. Do not apply within 5 days of harvest.

CARROTS: ALTERNARIA AND CERCOSPORIA LEAF SPOTS - 1.2 to 1.6 quarts. Begin when plants are 6 weeks old. Repeat at 7 to 10-day intervals.

CASSABA MELON: See under Cantaloupes.

CAULIFLOWER: See under Brussels Sprouts. CELERY: EARLY BLIGHT (CERCOSPORIA LATE BLIGHT (SEPTORIA)) - 1.2 to 1.6 quarts. Begin when plants emerge in plant beds. Repeat at 3 to 5-day intervals in plant beds and at 7 to 10 day intervals after plants are set in field. Remove excess residues by stripping, trimming and washing. Do not apply within 14 days of harvest.

CORN (SWEET): HELMINTHOSPORIUM BLIGHT - 1.2 quarts. Begin when plants are 6 inches high. Repeat at 4 to 7-day intervals until harvest. Do not feed treated forage to livestock.

CRENSHAW MELONS: See under Cantaloupes. CUCUMBERS: ALTERNARIA (MACHOSPORIUM) LEAF SPOT, ANGULAR LEAF SPOT, ANTHRACNOSE, DOWNY MILDEW, PHYTHIUM FRUIT ROT - 1.2 to 1.6 quarts. Begin when disease threaten or plants begin to run. 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 (ALTERNARIA), PHOMOPSIS BLIGHT OR FRUIT ROT - 1.2 to 1.6 quarts. Begin when fruit starts to form. Repeat at 7 to 10-day intervals.

ENDIVE, LETTUCE: DOWNY MILDEW - 1.2 to 1.6 quarts. 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, tumbling, and from leaf lettuce and endive by washing or other effective means.

HONEYBALL MELONS: See under Cantaloupes.

HONEYDEW MELONS: See under Cantaloupes.

KOHLRABI: See under Brussels Sprouts.

DOWNY MILDEW, PURPLE BLOTCH - 1.2 to 1.6 quarts. Begin at first sign of disease. Repeat at 7 to 10-day intervals.

PEPPERS: ANTHRACNOSE, CERCOSPORIA LEAF SPOT (FROG-EYE SPOT), RIPE ROT - 1.2 to 1.6 quarts. Begin when disease threatens. Repeat at 7 to 10-day intervals.

PERSIAN MELONS: See under Cantaloupes.

POTATOES: EARLY AND LATE BLIGHTS - 1.2 to 1.6 quarts. Begin when plants are 2 to 6 inches high. Repeat at 5 to 10-day intervals, more often under severe late blight conditions. POTATOES (SEED PIECES): FUSARIUM SEED POTATOES DECAY - 1.0 quart/10 gallons. Dip whole or cut tubers. Spread in cool place if held before planting. Seed piece treatment only. Do not use excess seed pieces for food or feed.

PUMPKINS: ANGULAR LEAF SPOT, DOWNY MILDEW - 2.4 quarts/acre in sufficient water to cover or 1.2 to 1.6 quarts/100 gallons. Begin when disease threatens. Repeat at 7 to 10-day intervals. RHUBARB (GREENHOUSE, MICHIGAN): BOTRYTIS LEAF ROT - 1.6 quarts. Begin 4 weeks before harvest. Make 4 applications at 7-day intervals.

SPINACH: DOWNY MILDEW (BLUE MOLD), WHITE RUST - 1.2 to 1.6 quarts. Begin when disease appears. Repeat at 7 to 10-day intervals. Remove excess residues by washing. Do not apply within 10 days of harvest.

SQUASH (SUMMER AND WINTER): ANTHRACNOSE, DOWNY MILDEW - 1.2 to 1.6 quarts. Begin when plants start to run. Repeat at 7 to 10-day intervals. Do not apply within 5 days of harvest.

TOMATOES (GREENHOUSE AND FIELD): CLADOSPORIUM LEAF MOLD, EARLY AND LATE BLIGHTS, GRAY LEAF SPOT (STEM-PHYLIUM), SEPTORIA LEAF SPOT - 1.2 to 1.6 quarts. Begin at first fruit cluster and repeat at 7 to 10-day intervals. Do not apply within 5 days of harvest. Anthracnose - 2.4 quarts. Begin when first fruit forms. Repeat at 7 to 10-day intervals.

WATERMELONS: See under Cantaloupes.

AGRICULTURAL FIELD CROP USES

GRASSES: (ORNAMENTAL-GROWN FOR REPLANTING SEED PURPOSES ONLY) LEAF, STEM, AND STRIP RUST - 1.6 to 2.4 quarts/50 to 100 gallons/acre. Begin when rust pustules are first seen. Repeat at 7 to 14-day intervals. Do not feed treated grass to livestock.

SUGAR BEETS: LEAF SPOT (CERCOSPORIA) - 1.2 to 2.4 quarts in sufficient water/acre. Begin when disease threatens. Repeat at 7 to 10-day intervals for 3 to 5 applications. Do not apply within 14 days of harvest. Do not feed treated tops to livestock.

TOBACCO: BLUE MOLD - 0.4 to 3.2 quarts. Use 2.5 to 50 gallons of diluted suspension/100 square yards of plant bed. Begin when plants are about the size of a dime or when blue mold is first reported in an area. Repeat twice weekly until plants are set in field. Use lower rates in early applications increasing to 3.2 quarts as plants increase in size.

AGRICULTURAL ORNAMENTAL CROP USES

CARNATIONS, DAHLIAS: ALTERNARIA LEAF SPOT, ANTHRACNOSE, BOTRYTIS BLIGHT - 0.8 to 1.2 quarts. Begin when new growth starts. Repeat weekly.

DOGWOOD: ANTHRACNOSE - 0.8 to 1.2 quarts. Begin when buds open. Repeat when bracts fall 4 weeks later and in late summer.

GLADIOLUS: BOTRYTIS BLIGHT, CURVULARIA AND STEM-PHYLIUM LEAF SPOTS - 1.2 quarts. Begin when flower spikes are developing. Repeat 2 to 3 times at weekly intervals.

GRASSES (NONGRAZED AREAS): BROWN PATCH - 4.8 fluid ounces in sufficient water per 1,000 square feet. Begin at first sign of disease. Repeat at 7 to 14-day intervals.

DOLLAR SPOT - 9.6 to 12.8 fluid ounces in sufficient water per 1,000 square feet. Apply as for brown patch above.

MELTING OUT - 4.8 to 6.4 fluid ounces in sufficient water per 1,000 square feet. Apply as for brown patch above.

LEAF, STEM, AND STRIP RUSTS - 2.4 quarts/100 gallons/acre. Begin when rust pustules are first seen. Repeat at 7 to 14-day intervals. Do not graze treated areas. Do not feed clippings to livestock.

LILIES: BOTRYTIS BLIGHT - 0.8 to 1.2 quarts. Begin with new growth. Repeat weekly.

PANSIES: ANTHRACNOSE - 0.8 to 1.2 quarts. Begin with new growth. Repeat weekly.

PEONIES: ALTERNARIA LEAF SPOT, BOTRYTIS BLIGHT, PHYTOPHTHORA BLIGHT - 0.8 to 1.2 quarts. Apply to foliage and soil in early spring and early fall, and at 7 to 10-day intervals during growing season.

ROSES: BLACK SPOT, CERCOSPORIA LEAF SPOT (IEXAS), RUST (CALIFORNIA) - 0.8 to 1.2 quarts. Begin when first leaves unfold. Repeat at 7 to 10-day intervals.

SNAPDRAGONS: RUST - 0.8 to 1.2 quarts. Begin

PHYSICAL AND CHEMICAL HAZARDS...Keep away from fire and sparks



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### DIRECTIONS FOR USE

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Where a dosage range is recommended use the higher dosage when the weather is conducive to rapid fungus growth (warm, humid weather) and when the plants are in full foliage.

### STORAGE AND DISPOSAL

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

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if allowed by state and local authorities.

### WARRANTY STATEMENT

NOTICE: CUMBERLAND INTERNATIONAL CORPORATION warrants that this product in its unopened package conforms to the chemical description on the label and is responsible for the purposes set forth on the label when used according to directions under normal use conditions on the plants and areas specified. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to the instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

**DIRECTIONS FOR USE AS A SPRAY**  
MAN-ZOK is approved for application in sufficient water to provide good coverage with available equipment in either dilute sprays or in concentrated ground or aerial sprays. RATES LISTED ARE BASED ON 100 GALLONS OF DILUTED SPRAY UNLESS OTHERWISE NOTED. Rates for concentrate and aerial application should be comparable to the rates for dilute sprays on a per acre basis. MAN-ZOK may be applied by aircraft to the crops listed on the label at the rates shown below. Read entire product label for listings of specific crops, details of timing, use indications and other use instructions. Rinse container with water and add to the spray tank.

### AGRICULTURAL FRUIT AND NUT CROP ALMONDS: BROWN ROT BLOSSOM AND TWIG BLIGHT, LEAF BLIGHT, SCAB - 1.2 to 1.6 quarts

Apply in popcorn, full bloom, and petal fall every 7 to 10 days if bloom is staggered.

**SHOTHOLE:** 1.2 to 1.6 quarts. Begin in dormant stage. Repeat at 7 to 10-day intervals through petal fall. If applied after petal fall, do not feed hulls to dairy animals or animals being finished for slaughter. Do not apply later than 5 weeks after petal fall.

**APPLES: BLACK ROT, BITTER ROT, BOTRYOSPHERA (WHITE ROT), BULLSEYE ROT, CEDAR APPLE RUST, FLYSPECK, SCAB, AND SOOTY BLOTCH:** 1.2 to 1.6 quarts plus suitable spreader-slicker. Begin in prebloom, calyx, or first cover stages. Repeat at 7 to 14-day intervals as necessary. Do not graze livestock in treated areas. 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. Do not apply within 30 days of harvest in other states.

**APRICOTS: BROWN ROT (BLOSSOM, TWIG AND FRUIT):** 1.2 to 1.6 quarts. Begin at red bud stage. Repeat in early bloom, full bloom, petal fall, and at 7 to 14-day intervals as necessary up to 2 weeks before harvest.

**JACKET ROT (GREEN ROT):** 1.6 quarts at full bloom and petal fall.

**SHOTHOLE:** 1.6 quarts from dormant through petal fall stages in regular schedule. Do not apply later than 14 days before harvest.

**BANANAS: CROWN ROT, SURFACE MOLDS (GLEOSPORIUM, THIELAVIOPSIS FUSARIFLUM SPECIES):** 1.6 to 3.2 quarts. **SIGATOKA (CERCOSPORA MUSAE):** 2.4 to 4.0 quarts/acre in sufficient water to cover. Apply at 2 week intervals beginning at first sign of disease.

**CRANBERRIES: FRUIT ROIS (MASSACHUSETTS):** 1.6 to 2.4 quarts. Begin at midbloom. Repeat at 10 to 14-day intervals for 3 applications.

In New Jersey and Wisconsin, applications should also be made 4 weeks after midbloom and 2-3 weeks later. **TWIG BLIGHT (LYPHODERMUM):** FRUIT ROT (WASHINGTON AND OREGON): 1.6 quarts. Apply at 3500 gals/acre. Begin after blooming. Repeat between July 10 and 20, August 1 and 10, and August 10 and 25.

**FRUIT ROIS (GUIGNARDIA, SPORONEMA, AND GLOMERE); LAWN (NEW JERSEY AND WISCONSIN):** 1.6 quarts. Begin after midbloom. Repeat 10 to 14 days later. Do not apply within 30 days of harvest. **FIGS (KADOTA):** SURFACE MOLDS AND ROT

**SPOTS: ALTERNARIA LEAF SPOT, DOWNY MILDEW:** 1.2 to 1.6 quarts. Begin 7 to 10 days after planting. Repeat at 3 to 5 day intervals in plant bed and field. Do not apply within 7 days of harvest.

**CANTALOUPE, CASSABAS, CRENSHAW, HONEYDEWMELONS, HONEYBALLS, MUSK-MELONS, PERSIAN MELONS, AND WATER-MELONS: ANTHRACNOSE, CERCOSPORA LEAF SPOT, DOWNY MILDEW, GUMMY STEM BLIGHT:** 1.2 to 1.6 quarts. Begin at late bunching when vines begin to run or when disease first appears. Repeat at 7 to 10-day intervals. Do not apply within 5 days of harvest.

**CARROTS: ALTERNARIA AND CERCOSPORA LEAF SPOTS:** 1.2 to 1.6 quarts. Begin when plants are 6 weeks old. Repeat at 7 to 10-day intervals. **CASSABA MELON:** See under Cantaloupes.

**CAULIFLOWER:** See under Brussels Sprouts. **CELERY: EARLY BLIGHT (CERCOSPORA), LATE BLIGHT (SEPTORIA):** 1.2 to 1.6 quarts. Begin when plants emerge in plant beds. Repeat at 3 to 5-day intervals in plant beds and at 7 to 10-day intervals after plants are set in field. Remove excess residues by stripping, trimming and washing. Do not apply within 14 days of harvest.

**CORN (SWEET): HELMINTHOSPORIUM BLIGHT:** 1.2 quarts. Begin when plants are 6 inches high. Repeat at 4 to 7-day intervals until harvest. Do not feed treated forage to livestock.

**CRENSHAW MELONS:** See under Cantaloupes.

**CUCUMBERS: ALTERNARIA (MACHOSPORIUM) LEAF SPOT, ANGULAR LEAF SPOT, ANTHRACNOSE, DOWNY MILDEW, PHYTHIUM FRUIT ROT:** 1.2 to 1.6 quarts. Begin when diseases threaten or plants begin to run. 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 (ALTERNARIA), PHOMOPSIS BLIGHT OR FRUIT ROT:** 1.2 to 1.6 quarts. Begin when fruit starts to form. Repeat at 7 to 10-day intervals.

**ENDIVE, LETTUCE: DOWNY MILDEW:** 1.2 to 1.6 quarts. Begin when disease appears. Repeat at 10-day intervals. Do not apply within 10 days of harvest. Remove residues from head lettuce by stripping, trimming, and from leaf lettuce and endive by washing or other effective means.

**HONEY BALL MELONS:** See under Cantaloupes.

**HONEYDEW MELONS:** See under Cantaloupes.

**KOHLRABI:** See under Brussels Sprouts.

**LETTUCE:** See under Endive.

**MELONS:** See under Cantaloupes.

**MUSK MELONS:** See under Cantaloupes.

**ONIONS: BOTRYTIS LEAF BLIGHT (BLAST)**

1.2 to 2.4 quarts in sufficient water/acre. Begin when disease threatens. Repeat at 7 to 10 day intervals for 3 to 5 applications. Do not apply within 14 days of harvest. Do not feed treated tops to livestock.

**TOBACCO: BLUE MOLD:** 0.4 to 3.2 quarts. Use 2.5 to 5.0 gallons of diluted suspension/100 square yards of plant bed. Begin when plants are about the size of a dime or when blue mold is first reported in area. Repeat twice weekly until plants are set in field. Use lower rates in early applications increasing to 3.2 quarts as plants increase in size.

### AGRICULTURAL ORNAMENTAL CROPS USED

**CARNATIONS, DAHLIAS: ALTERNARIA LEAF SPOT, ANTHRACNOSE, BOTRYTIS BLIGHT:** 0.8 to 1.2 quarts. Begin when new growth starts. Repeat weekly.

**DOGWOOD: ANTHRACNOSE:** 0.8 to 1.2 quarts. Begin when buds open. Repeat when bracts fall 4 weeks later and in late summer.

**GLADIOLUS: BOTRYTIS BLIGHT, CURVULARIA AND STEMPHYLIUM LEAF SPOTS:** 1.2 quarts. Begin when flower spikes are developing. Repeat 2 to 3 times at weekly intervals.

**GRASSES (NONGRAZED AREAS): BROWN PATCH:** 4.8 fluid ounces in sufficient water per 1,000 square feet. Begin at first sign of disease. Repeat at 7 to 14-day intervals.

**DOLLAR SPOT:** 9.6 to 12.8 fluid ounces in sufficient water per 1,000 square feet. Apply as for brown patch above.

**MELTING OUT:** 4.8 to 6.4 fluid ounces in sufficient water per 1,000 square feet. Apply as for brown patch above.

**LEAF, STEM, AND STRIPE RUSTS:** 2.4 quarts/100 gallons/acre. Begin when rust pustules are first seen. Repeat at 7 to 14-day intervals. Do not graze treated areas. Do not feed clippings to livestock.

**LILIES: BOTRYTIS BLIGHT:** 0.8 to 1.2 quarts. Begin with new growth. Repeat weekly.

**PANSIES: ANTHRACNOSE:** 0.8 to 1.2 quarts. Begin with new growth. Repeat weekly.

**PEONIES: ALTERNARIA LEAF SPOT, BOTRYTIS BLIGHT, PHYTOPHTHORA BLIGHT:** 0.8 to 1.2 quarts. Apply to foliage and soil in early spring and early fall, and at 7 to 10-day intervals during growing season.

**ROSES: BLACK SPOT, CERCOSPORA LEAF SPOT (TEXAS), RUST (CALIFORNIA):** 0.8 to 1.2 quarts. Begin when first leaves unfold. Repeat at 7 to 10-day intervals.

**SNAPDRAGONS: RUST:** 0.8 to 1.2 quarts. Begin

ACCEPTED

JAN 8 1986

U.S. Dept. of Federal Insecticide  
Fungicide, and Rodenticide Act.  
48957-12