

2 Gallons

MERTECT 340-F

Product 48004

DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) law to use this product in a manner inconsistent with its labeling.

GENERAL—Storage and Handling

Clean equipment before using MERTECT 340-F. When MERTECT 340-F is dispersed in water, the resulting suspension must be constantly agitated. Avoid foaming.

Compatibility information for MERTECT 340-F with other chemicals is limited. Consult your supplier or agricultural experiment station for specific recommendations.

SOYBEANS—Reduce the Severity of Pod and Stem Blight, Anthracnose, Brown Spot, Frog Eye Leaf Spot and Purple Seed Stain (Ground and Aerial Applications): Apply MERTECT 340-F at 6.0—10.0 fl. oz. per acre per application in sufficient water for coverage. Make two applications per season, the first application at late flowering to early pod set and the second application two weeks later. Make aerial applications in a minimum of 5 gallons of water per acre. Do not apply MERTECT 340-F within 21 days of harvest. Do not graze or feed treated soybean vines or hay to livestock. Do not tank mix with copper fungicides.

POME FRUIT (Apples and Pears)—Control Blue Mold Rot, Bull's Eye Rot, and Gray Mold (Nest Rot, Cluster Rot), Stem End and Neck Rot: Dip, flood, or spray harvested fruit with a suspension of 16 fl. oz. MERTECT 340-F in 100 gal. water. Do not treat for over 3 minutes. Treat apples only before and after storage for maximum decay control. Treat pears once.

SUGAR BEETS—Control Cercospora Leaf Spot: Use 6—12 fl. oz. MERTECT 340-F per acre. **GROUND Spraying—**Use MERTECT 340-F in 25—125 gal. water per acre. **AERIAL Spraying—**Use MERTECT 340-F in 3—10 gal. per acre.

Begin application when disease first appears. Repeat application at 14—21 day intervals (up to a maximum of 5 applications). Do not apply within 21 days of harvest.

SUGAR BEETS (Post Harvest Treatment): Reduce rot caused by *Penicillium*, *Botrytis*, and *Fusarium* species. Mist sugar beet roots as they enter storage with 0.42 fl. oz. of MERTECT 340-F to each 2,000 lb. of sugar beet roots in sufficient water for complete coverage. 0.42 fl. oz. of MERTECT 340-F is equivalent to 0.2 fl. oz. of 2.14 thiazolyl benzimidazole. Roots should be treated within 72 hours after lifting.

ORNAMENTAL BULBS AND CORMS—Control Fusarium Basal Rot and Penicillium Blue Mold: Clean and treat bulbs or corms within 24—48 hours of digging. Prepare suspension of 30 fl. oz. MERTECT 340-F per 100 gal. water. Submerge stock completely in dipping suspension. Suspension temperature should be 55—75 F (13—24 C). Discard suspension (1) when it becomes dirty, (2) after use five times, or (3) after 24 hours, whichever occurs first.

Fusarium (Bulbs and Corms): Dip bulbs 15—30 minutes, corms 15 minutes.

Blue Mold (Bulbs): Dip 10—15 minutes.

After treatment, dry bulbs or corms in a shaded, well-ventilated area. Curing or retarding may precede or follow treatment.

SWEET POTATO SEED ROOTS—Control Black Rot, Scurf, and Foot Rot: Dip the seed roots in a suspension containing 8 fl. oz. MERTECT 340-F per 7.5 gal. water (107 fl. oz. per 100 gal.). Treat the seed roots for 2 minutes and plant immediately. Discard the suspension when the volume is too low or when it becomes dirty. Do not use the treated roots for food or feed.

POTATO—Control Fusarium Tuber Rot: Mist unwashed tubers on a conveyor line, with tumbling action, entering storage with 0.42 fl. oz. of MERTECT 340-F to each 2,000 lb. of tubers in sufficient water for complete coverage. If an additional treatment is necessary before shipping and cutting the seed tubers, dip the tubers for 20 seconds, or mist at the same rate.

WHEAT—Control after the development of is visible in the Spring. MERTECT 340-F in a fields with a previous has fluid ounces of MERTE the high rate in fields with graze or feed on treated

RICE—Reduce Se Brown Leaf Spot: Apply tion in sufficient water for aerial application). Make initiation followed by a se when disease infestation

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DISPOSAL Pro storage or disposat tainer. Pesticide Dis be used or chemical proved for pesticide Container Disposal erator or landfill app General—Consult F alternative procedure

NOTICE TO USER— variance in any way with extend beyond the desu

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BEST DOCUMENT AVAILABLE

WHEAT—Control of Cercospora Foot Rot—Apply MERTECT 340-F after the development of 2—3 tillers in the Fall but prior to the time the first node is visible in the Spring. **AERIAL Application**—Apply 16—24 fluid ounces of MERTECT 340-F in a minimum of 5 gallons water per acre. Use the high rate in fields with a previous history of foot rot. **GROUND Application**—Apply 16—24 fluid ounces of MERTECT 340-F per acre in sufficient water for coverage. Use the high rate in fields with a previous history of foot rot. Do not allow livestock to graze or feed on treated green wheat forage.

RICE—Reduce Severity of Rice Blast, Stem Rot, Sheath Blight, and Brown Leaf Spot—Apply MERTECT 340-F at 6.0—12.0 fl. oz. per acre per application in sufficient water for coverage (minimum of 5 gallons of water per acre for aerial application). Make two applications per season, the first application at boot initiation followed by a second application 14—21 days later. Use the higher rate when disease infestations are moderate to severe. Do not use in California.

STORAGE AND DISPOSAL

DISPOSAL Prohibitions—Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. **Pesticide Disposal**—Pesticide spray mixture or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. **Container Disposal**—Triple rinse or equivalent and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. **General**—Consult Federal, State or local disposal authorities for approved alternative procedures such as limited open burning.

NOTICE TO USER—Buyer assumes all risks of use and handling which are at variance in any way with the directions herein. There are no warranties which extend beyond the description on this label.

**SHAKE
OR
STIR
WELL
BEFORE
USE**



AGRICULTURAL PRODUCTS
MERCK & CO., INC.
Box 2000 Rahway, N.J. 07065

6-11-80

Product
48004

Flowable
(Water Dispersible
Suspension)

MERTECT® 34

FUNGICIDE

Active Ingredient—3.8 lb./gal.
2-(4-thiazolyl)
benzimidazole 42.28%
Inert Ingredients 57.72%

EPA Est. 618-NJ-1

**PRECAUTIONARY
STATEMENTS**

Hazards to Humans
KEEP OUT OF REACH OF CHILD

CAUTION
HARMFUL IF SWALLOWED
Do not get in eyes or on skin.

FIRST AID—If in eyes or on skin: Flush with water, for eyes.

Environmental Hazards

This pesticide is toxic to fish. Do not apply when weather conditions target area. Keep out of lakes, streams, ponds, tidal marshes, and water by cleaning of equipment or disposal of wastes.

See Other Panels for Additional Directions
U.S. Pats. 3,017,415 & 3,370,957

2 GALLONS (7.57 liters)

BEST DOCUMENT AVAILABLE

—Apply MERTECT 340-F
prior to the time the first node
ply 16—24 fluid ounces of
per acre. Use the high rate in
Application. Apply 16—24
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n Rot, Sheath Blight, and
0 fl. oz. per acre per applica-
tions of water per acre for
the first application at boot
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OSAL
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Do not reuse empty con-
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way from water supplies
and dispose in an unin-
s or bury in a safe place
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use and handling which are at
ere are no warranties which

PRODUCTS
), INC.
7 N.J. 07065

ACCEPTED

Product
48004

Flowable
(Water Dispersible
Suspension)

618-75

MERTECT® 340-F

FUNGICIDE

Active ingredient—3.8 lb. gal.
2-(4-thiazolyl)
benzimidazole 42.28%
Inert Ingredients 57.72%

EPA Est 618-NJ-1

**PRECAUTIONARY
STATEMENTS**

EPA REG NO 618-75-AA

Hazards to Humans

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED

Do not get in eyes or on skin

FIRST AID—If in eyes or on skin: Flush with water for eyes get medical attention

Environmental Hazards

This pesticide is toxic to fish. Do not apply when weather conditions favor runoff or drift from the target area. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

See Other Panels for Additional Directions for Use
U.S. Pats. 3,017,415 & 3,370,957

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