

618-92

PM 21

184

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 618-92	DATE OF ISSUANCE
	TERM OF ISSUANCE 5 1981	
	NAME OF PESTICIDE PRODUCT PERFECT DP	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <div style="text-align: right;"> $\frac{190183}{2}$ $\frac{161}{18}$ </div> <div style="text-align: center;"> BEST AVAILABLE COPY </div> Helco E. Company, Inc. P.O. Box 2000-WP-N-260 Albany, N.Y. 12205-0017		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>3(c)(7)(A) ...</p> <p>1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</p> <p>2. Make the following changes to your label: ...</p> <p>Add the phrase "EPA Registration No. 618-92."</p> <p>... Volume 20, Number 110, Wednesday, August 4, 1984, ... regulations. This regards comment no. 6 of our letter to you dated January 10, 1984 and your letter of response dated March 11, 1985 addressing this issue.</p> <p>3. Submit six (6) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.</p> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
SIGNATURE OF APPROVING OFFICIAL 	DATE 	

2-664

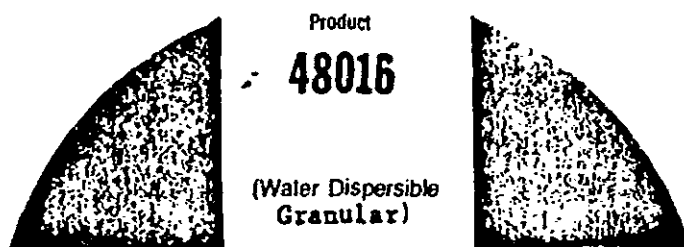
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Henry H. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

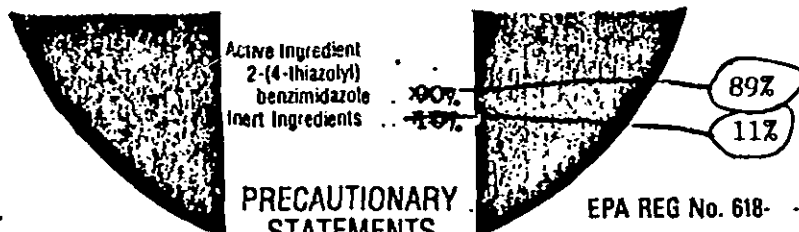
Enclosures

BEST AVAILABLE COPY



MERTECT® DF

FUNGICIDE



EPA Est.

PRECAUTIONARY STATEMENTS

EPA REG No. 618- -AA

Hazards to Humans and Domestic Animals
KEEP OUT OF REACH OF CHILDREN

CAUTION
HARMFUL IF SWALLOWED

Do not get in eyes or on skin.

WARNING

OR INHALED

Avoid breathing dust.

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. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

See Other Panels for Additional Directions for Use

U.S. Pat. 3,370,957

8.9 POUNDS

If inhaled: Remove victim to fresh air and get medical attention.

11/26/85

NOTICE OF WARRANTY—The Direction is opinion of experts based on field use and tests, reliable and should be followed carefully. However, risks inherently associated with use of this product under unintended consequences may result from conditions, presence of other materials, or the manner which are beyond the control of MSD AGVET or assumed by the Buyer.

MSD AGVET warrants that this product conforms to the label and is reasonably fit for the purpose. Use, subject to the inherent risks referred to above, and handling which are at variance in any way. MSD AGVET makes no other express or implied warranty or any other express or implied warranty. MSD AGVET or the Seller be liable for consequences resulting from the use or handling of this product. Offer this product and the Buyer and user accept of Warranty which may be varied only by agreement of authorized representative of MSD AGVET.

MSD AGVET
Division of MERCK & CO.
Rahway, New Jersey 07065

DEC 10 1985

8.9 POUNDS

MERTECT[®] DF

Product 48016

DIRECTIONS FOR USE

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

MERTECT DF is a systemic fungicide recommended for the control of many important plant diseases. If treatment is not effective following use of MERTECT DF as recommended, a tolerant strain of fungus may be present. Consideration should be given to prompt use of other suitable fungicides.

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

Use the higher recommended rates under conditions of heavier disease pressure.

Compatibility information for MERTECT DF 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 DF at 3—5 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 DF 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 (Neck Rot, Cluster Rot), Stem End and Neck Rot: Dip, flood, or spray harvested fruit with a suspension of 8 oz. MERTECT DF 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 3—6 oz. MERTECT DF per acre. GROUND Spraying—Use MERTECT DF in 25—125 gal. water per acre. AERIAL Spraying—Use MERTECT DF 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 0.2 oz. of MERTECT DF to each 2,000 lb. of sugar beet roots in sufficient water for complete coverage.

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 15.5 oz. MERTECT DF 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. Curling 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 4 oz. MERTECT DF per 7.5 gal. water (55 oz. per 100 gal.). Treat the seed roots for 1—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 0.2 oz. of MERTECT DF to each 2000 lb. of tubers in sufficient water for complete coverage. If an additional treatment is necessary before shipping and cutting the seed tubers, mist the tubers at the same rate or dip the tubers for 20 seconds in a solution containing 0.2 oz. of MERTECT DF per gallon of water.

WHEAT—Control of *Cercospora* Leaf Feet Rot: Apply MERTECT DF after the development of 2—3 tillers but prior to the time the first node is visible in the Spring. AERIAL Application: Apply 8—12 oz. of MERTECT DF in a minimum of 5 gallons of water per acre. GROUND Application: Apply 8—12 oz. of MERTECT DF per acre in sufficient water for coverage. Do not allow livestock to graze or feed on treated green wheat forage.

RICE—Reduce Severity of Rice Blast, Stem Rot, Sheath Blight, and Narrow Brown Leaf Spot: Apply MERTECT DF at 3—6 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.

CARROTS—Control of *Botrytis cinerea* gray mold and *Sclerotinia sclerotiorum* (sclerotinia rot): Dip carrots, before storage, for 5—10 seconds in a suspension containing 22 oz. of MERTECT DF per 100 gal. of water. Replenish the suspension when the volume is too low or when it becomes dirty.

The run-off and wastes from the dipping operation should not be discarded in a drainage which could contaminate public water systems.

BANANAS AND PLANTAINS—Control of Crown Rot: Use 21—47 g (3/4—1 3/4 oz.) per 227 liters (60 gallons) of water. Dip fruit for 2 to 4 minutes after it has been deheaded from the stem and passed through the delatexing operation. Use the low rate where rot incidence is low. Stir the mixture frequently to maintain the suspension. Replenish the suspension when the volume is too low or when it becomes dirty.

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 rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures. **Container Disposal**—*

- * If container is Plastic: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
- If container is Fiber Drum with Liner: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of both liner and drum in a sanitary landfill or by incineration, if allowed by State and local authorities.