

FILE NUMBER REMITT

DATE: IN \_\_\_\_\_ OUT \_\_\_\_\_ IN 5/9/78 OUT 6/15/78 IN \_\_\_\_\_ OUT \_\_\_\_\_

FISH & WILDLIFE

ENVIRONMENTAL CHEMISTRY

EFFICACY

FILE OR REG. NO. 618-EUP-9

PETITION OR EXP. PERMIT NO. 862078

DATE DIV. RECEIVED \_\_\_\_\_

DATE OF SUBMISSION \_\_\_\_\_

DATE SUBMISSION ACCEPTED \_\_\_\_\_

TYPE PRODUCT(S): I, D, H, (F), R, S \_\_\_\_\_

PRODUCT MFR. NO. Zink

PRODUCT NAME(S) Mertect 340-F

COMPANY NAME Merck and Co., Inc.

SUBMISSION PURPOSE EUP on rice grain, hulls, and straw

CHEMICAL & FORMULATION 2-(4-Thiazolyl) benzimidazole-42.28%

(TBZ, Thiabendazole)

1.0 Introduction

- 1.1 Experimental program involves a total of 548 gallons of Mertect 340-F (42.28% active) for use on 3500 acres of rice fields in 5 states.

2.0 Directions for Use

Rice

For the control 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. CALIFORNIA ONLY: For the control of stem rot, apply Mertect 340-F at 16-20 fl. oz. per acre per application in sufficient water for coverage (minimum of 5 gallons of water per acre for aerial application). Make first application at mid-tillering, followed if necessary, by a second application at inter-node elongation.

CONTAINER & WASTE DISPOSAL -- Do not reuse container. Destroy when empty. In cleaning of equipment or disposing of wastes, do not contaminate water used for human consumption or by animals, wildlife, and aquatic life or for irrigation purposes.

3.0 Discussion of data

No EC data submitted

4.0 Recommendations

- 4.1 We can go along with the proposed use. We have sufficient data (hydrolysis and soil metabolism) to assess hazards to the environment.

- 4.2 All environmental chemistry studies required by Section 3 of the Regulations, will be needed prior to registration.

*Ronald Mey, 6/22/78*

*Karen Sampson 6/22/78*

Karen Sampson

EC, EEE

6/14/78