

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: JAN 22 1982

To: Product Manager 21 Jacoby
TS-767

From Dr. Willa Garner ll
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 618-75

Chemical: Thiabendazole

Type Product: Fungicide

Product Name: Mertect

Company Name: Merck

Submission Purpose: Use on wheat and potatoes

ZBB Code: other

ACTION CODE: 330

Date in: 11/25/81

EFB # 82

Date Completed: JAN 22 1982

TAIS (level II)

Days

Deferrals To:

63

1.5

Ecological Effects Branch

Residue Chemistry Branch

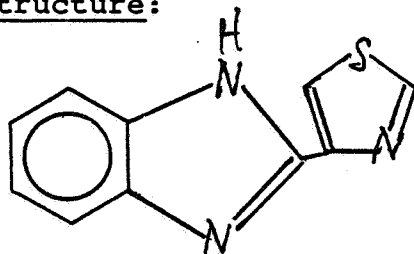
Toxicology Branch

1.0 Introduction

Chemical Name and Type Pesticide: thiabendazole, 2-(4-thiazolyl) benzimidazole, 42.28% ai, Fungicide.

Trade Name: MERTECT 340-F

Chemical Structure:



Merk & Co. requests the additional use of the fungicide to reduce the severity of Glume Blotch on wheat and reduce tuber rots in potato. MERTECT 340-F is currently registered for use on soybeans, pome fruit, sugar beets, ornamental bulbs, sweet potato, potato, wheat, rice, carrots, and bananas and plantains (EPA Reg. No. 618-75-AA).

2.0 Directions for Use

See attached pages.

3.0 Discussion of Data

No new environmental fate data submitted.

4.0 Recommendation

EFB concurs with the proposed new use on wheat and potatoes, since all the environmental fate data for field crops have been submitted and found acceptable and no significant adverse effect should result.

Herbert J. Manning
Herbert Manning, Ph.D.
Review Section #1
EFB/HED

Page ___ is not included in this copy.

Pages 3 through 4 are not included.

The material not included contains the following type of information:

___ Identity of product inert ingredients.

___ Identity of product impurities.

___ Description of the product manufacturing process.

___ Description of quality control procedures.

___ Identity of the source of product ingredients.

___ Sales or other commercial/financial information.

A draft product label.

___ The product confidential statement of formula.

___ Information about a pending registration action.

___ FIFRA registration data.

___ The document is a duplicate of page(s) _____.

___ The document is not responsive to the request.

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.