

US EPA ARCHIVE DOCUMENT

Date Out EFB: FEB 25 1982

To: Product Manager 21 Jacoby
TS-767

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

Attached please find the environmental fate review of:

Reg./File No.: 100-EUP-AO, 100-EUP-TN

Chemical: Tilt

Type Product: Fungicide

Product Name: Tilt 3.6E

Company Name: Ciba Geigy

Submission Purpose: EUP use on rice and on pecans

ZBB Code: Sec. 5

ACTION CODE: 705

Date in: 1/13/82

EFB # 132, 133

Date Completed: FEB 25 1982

TAIS (level II) Days

Deferrals To:

52

0.25

Ecological Effects Branch

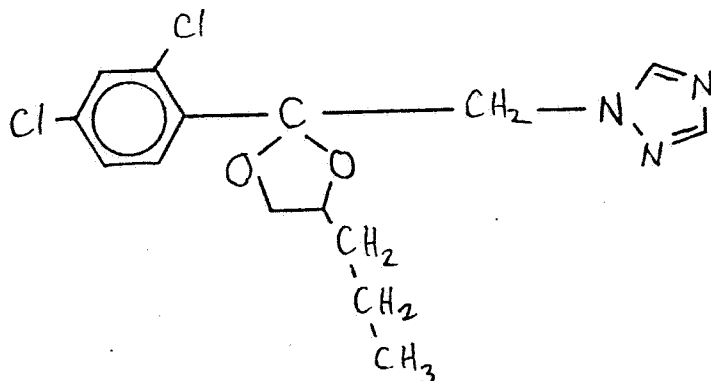
Residue Chemistry Branch

Toxicology Branch

1. INTRODUCTION

1.1 The registrant, Ciba-Geigy, is requesting EUP's for the use of TILT 3.6E Fungicide on rice and on pecans for a period of 2 years, 1982 - 1983.

1.2 Structure and chemical name of the active ingredient



1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl]-1H-1,2,4-triazole

1.3 Proposed rice testing program - Over a period of 2 years, 4350 acres in 5 major rice growing states will be treated with a total of 2462.4 pounds of active ingredient. Application will be by air at 0.28 lb ai/A per application. One to three applications will be made.

1.4 Proposed pecan testing program - Over a period of 2 years, 720 acres of pecan trees in 12 states will be treated with a total of 2592 lb ai. Application will be by ground equipment at 0.168 - 0.336 lb ai/A per application. Up to 10 applications will be make per season.

2. RECOMMENDATIONS

2.1 The EFB file contains sufficient data to support the proposed EUPs on rice and pecans.

2.2 The higher application rate (per season) on pecans may require new soil studies run at higher fortification rates for registration only. The registrant is advised to keep in touch with EPA on this matter.

Samuel M. Creeger Feb 25, 1982

Samuel M. Creeger
February 24, 1982
Section #1/EFB
Hazard Evaluation Division