

US EPA ARCHIVE DOCUMENT

323EE

Date Out EFB: 29 JUN 1982

To: Product Manager 21 Jacoby  
TS-767

From: Samuel M. Creeger *SMC*  
Action Chief, Review Section No. 1  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 100-EUP-TG

Chemical: Tilt

Type Product: Fungicide

Product Name: Tilt

Company Name: Ciba Geigy

Submission Purpose: Check program and label

ZBB Code: Sec. 5

ACTION CODE: 740

Date in: 4/13/82

EFB # 282

Date Completed: 29 JUN 1982

TAIS (level II) Days

Deferrals To:

52

0.25

\_\_\_\_\_ Ecological Effects Branch

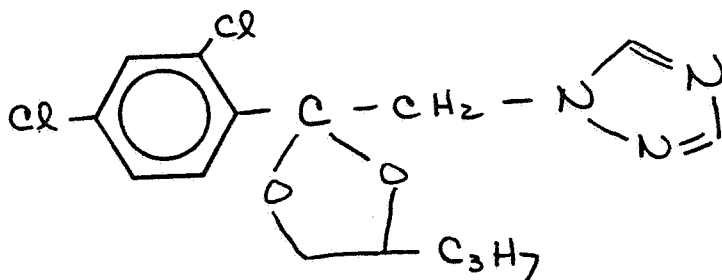
\_\_\_\_\_ Residue Chemistry Branch

\_\_\_\_\_ Toxicology Branch

## 1.0 INTRODUCTION

Ciba-Geigy has submitted an application for a crop destruct experimental use permit for Tilt on soybeans to conduct a human exposure study.

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



## 3.0 DISCUSSION

Approximately 50 acres in North Carolina will have 5 gal (18 lb ai) of Tilt applied in this program. Exposure to mixer/loaders and applicators will be determined. A rate of 5.5 fl oz/A will be applied twice and each measurement will be replicated twice. The study plans on evaluating two different sets of protective clothing: long-sleeved shirt and the additional rubber gloves and a dust mask. Exposure will be monitored by analyzing residues on patches worn at various locations on the body, gloves, air monitors and urine. Tilt will be applied using conventional ground sprayers.

## 4.0 RECOMMENDATIONS

EFB concurs with this EUP for Tilt as well as the accompanying label.

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