

US EPA ARCHIVE DOCUMENT

114501

Date Out EFB: 6/24/82

To: Jay Ellenberger
Product Manager 12
Registration Division (TS-767)

From: Dr. Willa Garner, Chief *WLG for*
Review Section No. 1
Environmental Fate Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No.: 264-GUE and -GUR

Chemical: Thiodicarb

Type Product: Insecticide

Product Name: LARVIN

Company Name: Union Carbide

Submission Purpose: Resubmission of field dissipation study

ZBB Code: other

ACTION CODE: 111

Date In: 6/23/92

EFB # 370 and 371

Date Completed: _____

TAIS (level II)

Days

61

0.5

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

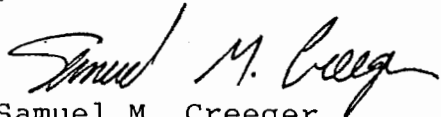
1. INTRODUCTION/DISCUSSION

1.1 The registrant, Union Carbide, has submitted information to be used with a field dissipation study that was reviewed previously in the EFB evaluation of 264-341 and -342 dated May 1, 1981 (section 3.15). The submitted information: an analytical method for thiodicarb in soil and soil characteristics, plot size and location of plots of thiodicarb dissipation studies, do not answer EFB concerns presented in the May 1, 1981 review.

1.2 However, a reanalysis of the data show the problem of variable results to be only during days 7 - 21, only in Texas and only when 5 - 12 applications were made. After day 38, residues of 0.05 ppm or less of total thiodicarb (parent plus methomyl) are found. Data from N. Carolina, Georgia and some of the Texas data are adequate when considering currently submitted information eventhough 0-day samples were not taken and the sampling schedule could have been improved.

2. RECOMMENDATIONS

2.1 In light of the fact that the registrant has agreed to conduct additional and better designed field dissipation studies and that some of the previously reviewed field dissipation data is adequate, the field dissipation data requirement has been satisfied for the products involved.



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