

US EPA ARCHIVE DOCUMENT

Office

Shaughnessey No. 036101

Date Out EFB: 05 DEC 1983

To: Mountfort
Product Manager 23
Registration Division (TS-767)

CASwell # 889

From: Samuel Creeger, Chief *SMC*
Review Section No. 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No: 1471-70

Chemical: Trifluralin

Type Product: Herbicide

Product Name: _____

Company Name: Elanco

Submission Purpose: Analytical test sensitivity

ZBB Code: 3(c)(5)

ACTION CODE: 436

Date in: 10/7/83

EFB # 4005

Date completed: 12/2/83

Tais (level II)	Days
67	1.00

Deferrals To:

 Ecological Effects Branch

 Residue Chemistry Branch

 Toxicology Branch

1.0 INTRODUCTION

The Ecological Effects Branch, HED has requested an assessment of the lowest practicable limit of detection for trifluralin in water, sediment and aquatic organisms. This information is needed to make a reasonable judgement as to the progress of a trifluralin field monitoring study.

2.0 DISCUSSION

EAB has no information on a method with a lower limit of sensitivity than 1 ppb and can make no judgement on the practicality of lowering the limit of sensitivity without knowing what level is needed. If lower levels must be detected, the registrant should be requested to develop a more sensitive method and submit it to the agency for review.



Norma Kay Whetzel
December 2, 1983
Review Section #1
Exposure Assessment Branch
Hazard Evaluation Division