

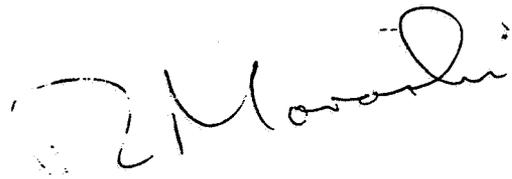
US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 114402

Date Out of EAB: 30 AUG 1983

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

From: Richard V. Moraski, Head (acting)
Review Section 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c)



Attached please find the EFB review of...

Reg./File No.: 359-TNI

Chemical: Acifluorfen, Sodium Salt

Type Product: Herbicide

Product Name: Tackle Herbicide

Company Name: Rhone Poulenc

Submission Purpose: Response to previous EAB review

ZBB Code: 3(c)(5)

ACTION CODE: 166

Date In: 6/16/83

EFB # 3422

Date Completed: 8/26/83

TAIS (level II)

Days

63

5.0

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1.0 INTRODUCTION

On March 10, 1983, an EAB contractor (Dynamac) completed its re-review of studies submitted by the registrant (Rhone Poulenc) to support the proposed registration of Tackle Herbicide (359-TNI).

On April 6, 1983 the registrant requested clarification of certain points in the March 10 review. These were addressed by the Dynamac on April 29, 1983.

The current submission (June 8, 1983) contains the registrant's point-by-point response to these two evaluations (Accession no. 250467), and was forwarded to Dynamac for review.

2.0 STRUCTURE and DIRECTIONS FOR USE

See previous reviews.

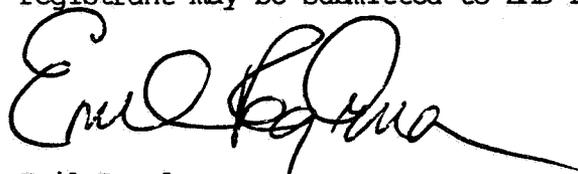
3.0 DISCUSSION

The contractor's response is appended to this review. In all, 15 studies were reevaluated. Although numerous data gaps were filled by this response, a significant number still remain.

The current status of the data requirements for the proposed use on soybeans is summarized in Table I on page 2 of this review.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Copies of the contractor's evaluation should be forwarded to the registrant. Further rebuttal comments/supportive data from the registrant may be submitted to EAB for evaluation.



Emil Regelman
Chemist
EAB/HED (TS-769c)
August 30, 1983

NOTE TO PM:

If the registrant wishes to discuss the status of the current reviews, EAB would appreciate a summary agenda (including specific points to be addressed), with sufficient lead time prior to such a meeting to allow for preconference preparation.

Table I

<u>Data Requirement</u>	<u>Outstanding Deficiency</u>
<u>TOTALLY SATISFIED</u>	NONE
Hydrolysis	
Photolysis on Soil	
Leaching/Adsorption/Desorption	
<u>PARTIALLY SATISFIED</u>	
Photolysis in Water	Mass balance data. ¹
Aerobic Soil Metabolism	Numerous data gaps (see review)
Confined Accumulation in Rotated Crops	Data on application rate and purity of test substance required. ²
Accumulation in Fish	Judgement deferred to Tox. Branch ³
<u>NOT SATISFIED</u>	
Photolysis in Air	All data required
Anaerobic Soil Metabolism	All data required. ¹
Terrestrial Field Dissipation	All data required. ²
Reentry	All data required. ³
Lab/Field Volatility	May be required at a later date. ¹
Long-Term Terrestrial Field Dissipation	May be required at a later date. ²
Field Accumulation in Rotated Crops	May be required at a later date. ³
Accumulation in nontarget organisms	May be required at a later date. ⁴

-
1. Depends upon Toxicology Branch evaluations and specific method of application to be used.¹
 2. Depends on results of short-term study.²
 3. Depends on results of confined study.³
 4. Depends on results of toxicological evaluations and accumulation in fish study.⁴