

US EPA ARCHIVE DOCUMENT

FULL COPY

Shaughnessy No.: 114402

Date Out of EAB: 21 OCT 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

Type Product: Herbicide

Product Name: Tackle

Company Name: Rhone Poulenc

Submission Purpose: Protocol: aerobic/anaerobic soil metabolism

ZBB Code: 3(c)(5)

ACTION CODE: 450

Date In: 10/20/83

EFB # 4035

Date Completed: 10/21/83

TAIS (level II) Days

63

0.2

1.0 INTRODUCTION

Pursuant to a meeting with RD and EAB, the registrant, Rhone-Poulenc, has submitted an aerobic/anaerobic soil metabolism protocol for EAB review. In their attached letter, they affirm that

- ** Test material will be ^{14}C -labeled in the nitrophenyl ring.
- ** Soil will be representative of that from a major soybean growing area.
- ** Likely degradates will be specified.
- ** Volatiles will be collected in both aerobic and anaerobic portions of the study.

2.0 STRUCTURE and DIRECTIONS FOR USE

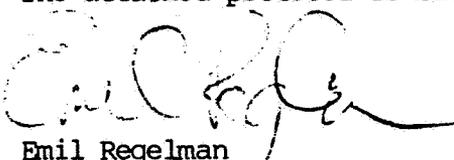
See previous reviews.

3.0 DISCUSSION

A copy of the proposed protocol is appended to this review. A thorough review of this protocol confirms that the test procedures to be used should generate reliable data, consistent with guidelines requirements.

4.0 CONCLUSION and RECOMMENDATION

The attached protocol is satisfactory.



Emil Regelman
Chemist
EAB/HED (TS-769c)
October 21, 1983

RHÔNE-POULENC INC.
AGROCHEMICAL DIVISION

P.O. Box 125 - Black Horse Lane - Monmouth Junction, New Jersey 08852 - Telephone: (201) 297-0100 - Telex: 844527

CERTIFIED NO.
P33 3312683

October 7, 1983
MAM/83/241

Richard Mountfort, PM #23
Environmental Protection Agency
Registration Division
Crystal Mall Bldg. 2
Arlington, VA 22202

Dear Mr. Mountfort:

This past Friday three of our chemists, Messrs. Tony Gemma, Frank Norris and Paul Wargo as well as myself met with Messrs. Dick Moraski, Emil Regelman and Jim Stone of the EPA in order to discuss the attached protocol. This protocol is for an aerobic/anaerobic soil metabolism study to be conducted on acifluorfen. It is our understanding that a study conducted under this protocol would satisfy the aerobic/anaerobic soil metabolism data requirements you have noted in your letter of September 7, 1983, as long as the following four points are considered.

- the test material will be labeled in the nitrophenyl ring with carbon 14.
- a soil type representative of the major soybean growing areas will be used.
- likely degradates will be specified.
- volatiles will be collected from the anaerobic portion of the study as well as the aerobic.

We appreciate the opportunity to discuss this with Agency chemists. Your cooperation is much appreciated.

Sincerely,

RHONE-POULENC INC.
Agrochemical Division

Margaret A. McMullen
Margaret A. McMullen
Registration Specialist

MAM/bjw
attachment
cc: A. Guardigli
T. B. Waggoner

