

US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 114402

Date Out of EAB: **2** MAY 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

Company Name: Rhone-Poulenc

Submission Purpose: Confirmation of phone conversation - Rotational
Crop question.

ZBB Code: 3(c)(5)

ACTION CODE: 166

Date In: 5/9/83

EFB # 3362

Date Completed: 5/12/83

TAIS (level II)

Days

63

0.5

1.0 INTRODUCTION

The registrant, Rhone-Poulenc, in a telephonic conversation on April 27, 1982 (Margaret A. McMullen) requested clarification on the suitability of the soil at its test site in St. Michael's, Maryland, for use in a field rotational crop accumulation study.

At that time, this reviewer agreed that the soil characteristics did not seem inappropriate.

2.0 STRUCTURE and DIRECTIONS FOR USE

See previous reviews.

3.0 DISCUSSION

The soil located at Rhone-Poulenc's Wildlife International facility in St. Michael's, Maryland is reported to have the following characteristics:

pH: 7.6
Organic Matter: 2.7%

Soil Texture: Sand: 12.8%
Silt: 73.2%
Clay: 14.0%

Cation Exchange Capacity: 11.21 meq/100g

4.0 CONCLUSION

Assuming that this soil is typical of the soil type to be found where TACKLE will be used when marketed, or that another field accumulation study will be conducted in such a site, we find the above characteristics reasonable.

5.0 RECOMMENDATION

The registrant should be informed that the test site to be used is acceptable.

Additionally, the registrant should be referred to the Pesticide Assessment Guidelines, Subdivision N (Chemistry:Environmental Fate) - §165-2, for additional testing conditions and reporting details associated with accumulation studies in rotated crops.

Finally, if the registrant wishes to submit the complete test protocol, EAB could provide an indepth review prior to initiation of the study.



Emil Regelman
Chemist
EAB/HED (TS-769c)
May 12, 1983