Shaughnessy No.: 128201

Date Out of EAB: 01 MAR 1984

To: Robert Taylor
Product Manager 25
Registration Division (TS-767)

From: Samuel Creeger, Chief
Review Section #1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached, please find the EAB review of...

Reg./File # : 352-EUP-RRE, -RRL and -RRU

Chemical Name: Ethyl-2-[(4-(6-chloro-2-quinoxalyloxy)phenoxy]proprionate

Type Product : Herbicide

Product Name : DPX-Y6202

Company Name : E.I. DuPont de Nemours and Company

Purpose : Response to Previous Review

ZBB Code : ?

EAB #(s) : ~~4066~~ 4181-4183

Action Code(s): 710

TAIS Code: ~~63~~ 52

Date Received: 2/3/83

Total Reviewing Time: 0.2 day

Date Completed: 3/1/84

Deferrals to:

____ Ecological Effects Branch

____ Residue Chemistry Branch

____ Toxicology Branch

1.0 INTRODUCTION

In a letter to RD on 1/11/84, DuPont responded to previous EAB reviews. Their responses are discussed below.

2.0 STRUCTURE and DIRECTIONS FOR USE

See previous reviews.

3.0 REVIEW OF DATA

No new data were submitted.

4.0 DISCUSSION

4.1 Issue raised by EAB

In its review of 7/19/83 (EUP use on Fallow Land), EAB concluded that a submitted aerobic soil metabolism study (AMR-126-83) was unacceptable, for numerous specified reasons. An additional study (AMR-146-83) was reviewed on 1/26/84 (EUP use on Cotton and Soybeans), and likewise found deficient.

DuPont's Response

"...AMR 146-83 was submitted to EPA on 10/13/83 with our EUP applications fo use on soybeans and cotton..."

EAB Comment

DuPont is in error with respect to the date this study was submitted.

Since both Aerobic Soil Metabolism studies were found to be deficient, this data requirement has still not been satisfied.

4.2 Issue raised by EAB

None.

DuPont's Response

"...AMR 127-83 (Hydrolysis) was submitted to EPA on 10/13/83 with our EUP applications fo use on soybeans and cotton..."

EAB Comment

The Hydrolysis data requirement has been satisfied. There is no issue here.

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4.3 Issue raised by EAB

None.

DuPont's Response

"...AMR 155-83 (Hydrolysis) was submitted to EPA with our EUP applications for use on soybeans and cotton..."

EAB Comment

The Accumulation in Fish data requirement has been satisfied. There is no issue here.

5.0 EXECUTIVE SUMMARY

Data requirements to support the proposed EUP include hydrolysis, aerobic soil metabolism, and accumulation in rotated crops and fish.

Previously submitted studies on hydrolysis and accumulation in fish have been found acceptable. Two previous aerobic soil metabolism studies were found inadequate to satisfy that data requirement. No additional supportive data have been submitted in this area. Also, no studies have been received in support of the rotational crop data requirement.

6.0 CONCLUSIONS

Insufficient data have been submitted to support the proposed EUP uses

Emil Regelman
Chemist
EAB/HED
March 1, 1984

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