

229942
RECORD NO.

121601
SHAUGHNESSEY NO.

REVIEW NO.

EEB REVIEW

DATE: IN 08-14-88 OUT 03-09-89

FILE OR REG. NO. 109

PETITION OR EXP. NO. _____

DATE OF SUBMISSION 08-10-88

DATE RECEIVED BY EFED 08-17-88

RD REQUESTED COMPLETION DATE 11-03-88

EEB ESTIMATED COMPLETION DATE 11-03-88

RD ACTION CODE/TYPE OF REVIEW 350

TYPE PRODUCT(S) Herbicide

DATA ACCESSION NOS. _____

PRODUCT MANAGER NO. R. Taylor (25)

PRODUCT NAME(S) Acetochlor

COMPANY NAME ICI Americas, Inc.

SUBMISSION PURPOSE Submission of meeting minutes for review by
EEB

SHAUGHNESSEY NO.	CHEMICAL AND FORMULATION	% AI
<u>121601</u>	<u>Acetochlor</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

March 9, 1989

MEMORANDUM

SUBJECT: 5/27/88 Meeting Minutes for ICI/EEB Meeting

FROM: James W. Akerman, Chief
Ecological Effects Branch
Environmental Fate and Effects
Division (H7507C)

TO: Robert J. Taylor, PM-25
Fungicide-Herbicide Branch
Registration Division (H7505C)

In response to the meeting minutes provided for the subject meeting, it appears that most of the points are in agreement with our notes (see copy attached). However, point 6 requires some comment/clarification:

Tier II phytotoxicity data requirements are normally in effect for chemicals which are herbicides. However, these Tier II requirements are not automatic. The Agency must examine the physical/chemical properties of the chemical and the proposed application procedures in order to determine if Tier II studies are required. (If this information/data are provided to EEB, we can make that determination.) Also, general guidance on how to perform phytotoxicity studies is available in Subdivision J. EEB (Charlie Lewis) does not provide protocols to registrants. We will, however, review protocols submitted to the Agency.

If there are any questions on the above, please contact Norm Cook of my staff at 557-0322.

cc: C. Lewis, EEB

REGISTRATION DIVISION DATA REVIEW RECORD
Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

8/17/88
48180 HED

1. CHEMICAL NAME ACETOCHLOR									
2. IDENTIFYING NUMBER 109		3. ACTION CODE 350		4. ACCESSION NUMBER		TO BE COMPLETED BY PM			
						5. RECORD NUMBER 229,942			
						6. REFERENCE NUMBER 1			
						7. DATE RECEIVED (EPA) 8-12-88			
						8. STATUTORY DUE DATE			
						9. PRODUCT MANAGER (PM) TAYLOR H Miller			
						10. PM TEAM NUMBER 25			
14. CHECK IF APPLICABLE						TO BE COMPLETED BY PCB			
<input type="checkbox"/> Public Health/Quarantine		<input type="checkbox"/> Minor Use		<div style="font-size: 1.5em; font-family: cursive;">ATTN: Norm C.</div>		11. DATE SENT TO HED/TSS 8-17-88			
<input type="checkbox"/> Substitute Chemical		<input type="checkbox"/> Part of IPM				12. PRIORITY NUMBER 49			
<input type="checkbox"/> Seasonal Concern		<input type="checkbox"/> Review Requires Less Than 4 Hours				13. PROJECTED RETURN DATE 11-3-88			
15. INSTRUCTIONS TO REVIEWER						F. INSTRUCTIONS			
A. HED <input type="checkbox"/> Total Assessment - 3(c)(5) <input type="checkbox"/> Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977. B. SPRD (Send Copy of Form to SPRD PM) <input type="checkbox"/> Chemical Undergoing Active RPAR Review <input type="checkbox"/> Chemical Undergoing Active Registration Standards Review						Review minutes from from acetochlor meeting with ICI. Any comments?			
C. <input type="checkbox"/> BFSD D. <input type="checkbox"/> TSS/RD E. <input type="checkbox"/> Other									
16. RELATED ACTIONS									
17. 3(c)(1)(D)						18. REVIEWS SENT TO			
<input type="checkbox"/> Use Any or All Available Information <input type="checkbox"/> Use Only Attached Data <input type="checkbox"/> Use Only the Attached Data for Formulation and Any or All <input type="checkbox"/> Available Information on the Technical or Manufacturing Chemical.						<input type="checkbox"/> TB <input checked="" type="checkbox"/> EEB <input type="checkbox"/> EF <input type="checkbox"/> PL <input checked="" type="checkbox"/> RCB <input checked="" type="checkbox"/> EFB <input type="checkbox"/> CH <input type="checkbox"/> BFSD			
19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	<input checked="" type="checkbox"/> ECOLOGICAL EFFECTS								1
	RESIDUE CHEMISTRY								
	ENVIRONMENTAL DATA								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFSD	ECONOMIC ANALYSIS								
20. <input type="checkbox"/> Label Submitted with Application Attached		21. <input type="checkbox"/> Confidential Statement of Formula		22. <input type="checkbox"/> Representative Labels Showing Accepted Uses Attached		23. Date Returned to RD (to be completed by HED)		24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.	



ICI Americas Inc.

COPY 1

Agricultural
Products

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

August 10, 1988

Mr. Robert J. Taylor
Product Management Team (25)
Fungicide-Herbicide Branch
Registration Division (TS-767C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Dear Mr. Taylor:

RE: ICI/EPA Meetings of May 26 and 27, 1988
Acetochlor

ICI Americas Inc. has prepared a summary of the key issues discussed at our May 26 and May 27 meetings with EAB, RCB and EEB to discuss registration data requirements for acetochlor, the chloroacetanilide compound which is being developed by ICIA.

We would be grateful for your review and comment/concurrence with the summary.

Thank you for your assistance in this matter.

Sincerely,

Barbara J. Kaminski
Senior Pesticide Regulatory Specialist

BJK/sfp

081088SFP101

Wilmington, Delaware 19897 Phone (302) 575-3000

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ACETOCHLOR DISCUSSIONS WITH ENVIRONMENTAL PROTECTION AGENCY

Meeting with EEB Friday May 27 1988 10.00-10.30 hrs

Those present:

EEB

ICI Americas/ICI Agrochemicals UK

Ms Joanne Miller
Dr Norman Cook

Ms Barbara Kaminski ICI A
Dr Merle Kleinschmidt ICI A
Dr Barrie Cavell ICI UK
Mr Michael Skidmore ICI UK
Mr Geoffrey Willis ICI UK

ICI was grateful for the opportunity to meet and discuss with the Agency.

1. Avian reproduction studies (71-4)

EEB would like to see this study undertaken, based on oncogenicity grounds, although the use pattern and single rate of application do not trigger the requirement for this study.

2. Fish embryo larvae study (partial lifecycle) (72-4)

Is required

3. Daphnia lifecycle (chronic daphnia) (72-4)

Is also required

4. Fish (72-5) and Aquatic Organism Accumulation (72-6)

EEB will be guided by EAB on requirement for these studies. Will not be required if EAB grants ICI a waiver for undertaking fish accumulation (165-4).

5. Acute Toxicity to Estuarine and Marine Organisms (72-3)

ICI believes marine/estuarine studies would not be required, based on general toxicity of this class of herbicides and use pattern. EEB are not in a position to tell ICI yet whether this would be a requirement: this depends on EPA's review of acute tests and fish chronic studies.

6. Non target area phytotoxicity

This study (tier II) is now a standard requirement. Protocol can be obtained from Charlie Lewis at the Agency.

In answer to Geoff Willis' question, if there were any other areas which ICI should have asked about, Norm Cook suggested that a honey bee study, whilst not required by the proposed use pattern would be a useful study to do.

As a general comment, Norm Cook said that ICI must obtain mean measured residues of acetochlor in water when undertaking these toxicity studies, and to say that there was a problem in measuring would only lead to rejection of the study.

BC/PCB/MIN2