

US EPA ARCHIVE DOCUMENT

Tompson

DP Barcode : 175788  
PC Code No. : 108801  
EFGWB Out :

12/9/92

TO: JOANNE Miller  
Product Manager # 23  
Special Review and Reregistration Division (H7508W)

FROM: Elizabeth Behl, Head  
Ground Water Technology Section  
Environmental Fate & Ground Water Branch/EFED (H7507C)

*Paula Wells for EB*

THRU: Henry Jacoby, Chief  
Environmental Fate & Ground Water Branch/EFED (H7507C)

*Henry Jacoby*

Attached, please find the EFGWB review of...

Reg./File # : ID# 283387

Common Name : ATRAZINE and metolachlor

Product Name : AATREX

Company Name : Ciba Geigy

Purpose : Acknowledge Receipt 6(a)2 Data - Request Full Report

Type Product : Herbicides

Action Code : 405 <sup>6(a)2</sup> EFGWB #(s): 92-0659 Total Review Time = 1/2 days

EFGWB Guideline/MRID/Status Summary Table: The review in this package contains...

161-1	162-4	164-4	166-1
161-2	163-1	164-5	166-2
161-3	163-2	165-1	166-3
161-4	163-3	165-2	167-1
162-1	164-1	165-3	167-2
162-2	164-2	165-4	201-1
162-3	164-3	165-5	202-1

Y = Acceptable (Study satisfied the Guideline)/Concur P = Partial (Study partially satisfied the Guideline, but additional information is still needed)  
S = Supplemental (Study provided useful information, but Guideline was not satisfied) N = Unacceptable (Study was rejected)/Non-Concur

DP BARCODE: D175788

CASE: 283387  
SUBMISSION: S414257

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 03/18/92  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: MISCELLANEOUS      ACTION: 405 DATA-ADVERSE DATA  
CHEMICALS: 108801 Metolachlor ( 2-chloro-N-(2-ethyl-6-methylphenyl)-      0.0000%

ID#: 283387

COMPANY: CIBA-GEIGY CORP.

PRODUCT MANAGER: 23 JOANNE MILLER      703-305-7830      ROOM: CM2      237

PM TEAM REVIEWER: JOANNE MILLER      703-305-7830      ROOM: CM2      237

RECEIVED DATE: 03/04/92      DUE OUT DATE: 05/13/92

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 175788      EXPEDITE: N      DATE SENT: 03/18/92      DATE RET.: / /  
CHEMICAL: 108801 Metolachlor ( 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-meth  
DP TYPE: 001 Submission Related Data Package

ADMIN DUE DATE: 04/12/92      CSF: N      LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	03/24/92	/ /
BRAN: EFGB	/ /	/ /
SECT: GTS	/ /	/ /
REVR :	/ /	12/9/92
CONTR:	/ /	/ /

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

Please review 6(a)(2) submission, ground water detection report, metolachlor and atrazine detected in monitoring wells in Osco, IL. MRID Nos. 42228601 and 42227901. There were duplicate letters sent to Agency that is the reason for 2 MRID Nos.. Please advise PM. Thanks!

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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# CIBA-GEIGY

Agricultural Division  
CIBA-GEIGY Corporation  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300  
Telephone 919 632 6000

422286-Q 1

Certified Mail

4 22279-01

February 28, 1992

Document Processing Desk [6(A)(2)]  
Office of Pesticide Programs (H7504C)  
U.S. Environmental Protection Agency  
401 M. Street, S.W.  
Washington, D.C. 20460

Attn: Ms. JoAnne Miller, PM 23

Dear Ms. Miller:

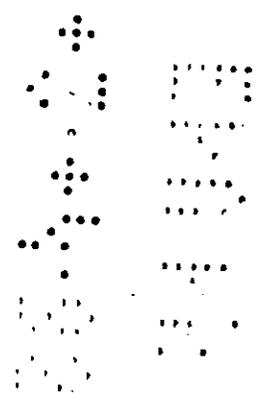
SUBJECT: REPORT OF FINDINGS OF ATRAZINE AND METOLACHLOR  
IN GROUND WATER IN OSCO, IL

In accordance with FIFRA Section 6(a)(2), CIBA-GEIGY is hereby notifying EPA that we have been informed by an attorney representing a dealer in Osco, IL that detections of atrazine between 0.25-50 ppb and metolachlor at 0.5-34 ppb were found in monitoring wells surrounding the affected site. Apparently, the site is contaminated with other pesticides as well as petroleum. Because considerable cleanup and remediation is underway, CIBA-GEIGY is not planning to take any samples or conduct any further investigation. If EPA wants additional information, CIBA-GEIGY would suggest that either the Illinois Environmental Protection Agency or the Department of Agriculture, both of which are located in Springfield, be contacted.

Sincerely,

*Karen S. Stumpf*  
Karen S. Stumpf  
Senior Regulatory Manager  
Regulatory Affairs

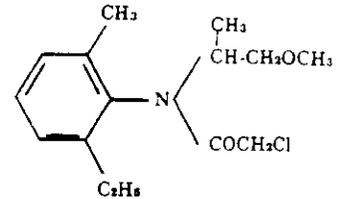
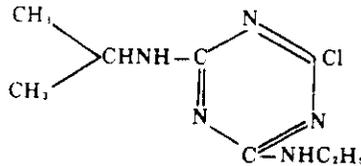
cc: Mr. Robert J. Taylor (PM 25)



1. CHEMICAL: Common name(s): atrazine and metolachlor

Chemical name(s): 2-chloro-4-(ethylamino)-6-(isopropyl amino)-s-triazine

Structure (s):



2. TEST MATERIAL: N/A

3. STUDY/ACTION TYPE: 6(a)2 Action - Registrant's report of atrazine and metolachlor ground-water detections in Osco, Illinois at a dealer location.

4. STUDY IDENTIFICATION: Study report not received to date - atrazine and metolachlor detections were reported. The study report will be sent to the Monitoring Section for inclusion in the Pesticides in Ground-Water Data Base.

5. REVIEWED BY: John H. Jordan, Ph.D.  
OPP/EFED/EFGWB/Ground-Water Section  
Signature:

Date: 12/9/92

6. APPROVED BY: Elizabeth Behl, Head  
OPP/EFED/EFGWB/Ground-Water Section  
Signature:

Date: 12/9/92

7. CONCLUSIONS: The Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Agriculture cooperated in cleaning up the site. Ciba Geigy does not plan any additional sampling or investigation. Further information is to be sent to the Agency by the IEPA.

8. RECOMMENDATIONS: The Ground-Water Technology Section (GWTS) has contacted the State of Illinois agencies referenced in the attached letter to obtain more information about this reported incident. When the information is received by the GWTS it will be incorporated into the Pesticides in Ground-Water Data Base.

9. BACKGROUND/DISCUSSION: Ciba Geigy Corporation reported detections of atrazine and metolachlor in monitoring wells at a dealer site in Osco, Illinois. Concentrations of atrazine residues ranged from 0.25 - 50 ppb and metolachlor residues ranged from 0.5 to 34 ppb. The MCL for atrazine is 3 ppb; there is no MCL for metolachlor but the lifetime HA is 100 ppb. According to Ciba Geigy the site is also contaminated with other pesticide residues and petroleum. The IEPA and the Illinois Department of Agriculture cooperated in cleaning up the site. Contaminated soil was spread on agricultural land according to IEPA.