

DP Barcode : 189539
PC Code No. : 080803
EFGWB Out : 5/13/93

TO: Robert Taylor
Product Manager # 25
Registration Division (H7505C)

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

THRU: Henry Jacoby, Chief *Henry Jacoby* 5/12/93
Environmental Fate & Ground Water Branch/EFED (H7507C)

Attached, please find the EFGWB review of...

Reg./File # : ID#: 284533

Common Name : ATRAZINE

Product Name : AATREX

Company Name : Ciba-Geigy

Purpose : To Acknowledge Receipt of Specific Residue Data And
Request Well Location/Identification

Type Product : Herbicide

Action Code : 405 6(a)2 EFGWB #(s): 93-0535 Total Review Time = 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: D189539

CASE: 284533
SUBMISSION: S437579

DATA PACKAGE RECORD
BEAN SHEET

DATE: 05/12/93
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: MISCELLANEOUS ACTION: 405 6(A)(2) ADVERSE DATA
CHEMICALS: 080803 Atrazine (ANSI)

0.0000%

ID#: 284533

COMPANY:

PRODUCT MANAGER: 25 ROBERT TAYLOR

703-305-6800 ROOM: CM2 241

PM TEAM REVIEWER: WESLEY ALLEN

703-305-5706 ROOM: CM2 251

RECEIVED DATE: 03/24/93 DUE OUT DATE: 06/02/93

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 189539 EXPEDITE: N DATE SENT: 03/24/93 DATE RET.: / /

CHEMICAL: 080803 Atrazine (ANSI)

DP TYPE: 001 Submission Related Data Package

ADMIN DUE DATE: 04/18/93

CSF: N

LABEL: N

ASSIGNED TO

DATE IN

DATE OUT

DIV : EFED 03/25/93

/ /

BRAN: EFGB 03/29/93

05/12/93

SECT: GTS 03/29/93

05/12/93

REVR : JJORDAN 05/04/93

05/07/93

CONTR: / /

/ /

* * * DATA REVIEW INSTRUCTIONS * * *

PL;EASE REVIEW GROUND WATER DETECTION TEXAS
A'TT BETSY BHEL

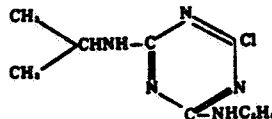
* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

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

1. **CHEMICAL:** Common name(s): Prometon, atrazine, simazine and chloro-triazine metabolites.

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

Structure (s):



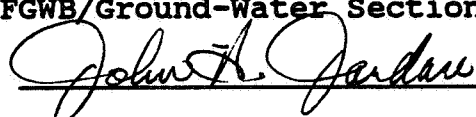
2. **TEST MATERIAL:** N/A

3. **STUDY/ACTION TYPE:** 6(a)2 Action. This action, EFGWB # 93-0535, has the actual residue data referred to in a previous action EFGWB # 92-0819. The previous action quoted only the residue ranges.

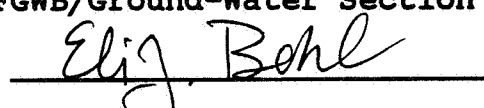
This action acknowledges receipt of the specific residue data detections obtained from the resampling of 9 wells in Texas known to have prometon residue from a previous survey, and also, 11 samples in California all of which contained simazine.

4. **STUDY IDENTIFICATION:** Letter of 3/3/93 from Ciba-Geigy to R.J. Taylor addressing residue detections in Texas and California ground water. The monitoring data were sent by the registrant in the reports listed below:

Ciba-Geigy residue test report RS-WM-003-92, Report Nos. 1, 2, and 3, and Residue Test Report RS-WM-020-91, Report Nos. 01, 02, 04 and 05.

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

Date: 5/7/93

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

Date: 5/12/93

7. **CONCLUSIONS:** A previous EFGWB 6(a)2 action, # 92-0819, referred to specific monitoring data but gave only residue concentration ranges. The ranges are repeated in paragraphs 2 and 3 on page 2 of this action (EFGWB # 93-0535). This action contains the actual detections in copies of the original reports, above, under Study Identification. The data will be included in OPP's Pesticides in Ground-Water Data Base.

Paragraphs Taken from Previous Action - # 92-0814

In Texas, parent prometon residues were found in 8 of the 9 samples at levels below the current MCL of 100 ppb, ranging from 0.15 ppb to 5.5 ppb. Parent atrazine residues were found in two of the 9 samples at levels, below the current MCL of 3 ppb, ranging from 0.16 ppb to 0.69 ppb. Parent simazine residues were found in 1 of the 9 samples at 0.17 ppb, which is below the current MCL of 4 ppb. Residues of two chloro-triazine metabolites were found in 5 of 9 samples ranging from 0.10 ppb to 0.22 ppb; metabolites were: 2-amino-4-chloro-6-isopropylamino-s-triazine and 2-amino-4-chloro-6-ethylamino-s-triazine.

In California, parent atrazine residues were found in all 11 samples at levels below the MCL/HAL ranging from 0.14 ppb to 0.97 ppb. Parent simazine residues were found in all 11 samples below the MCL/HAL, ranging from 0.30 ppb to 0.85 ppb.

8. RECOMMENDATIONS: Ciba-Geigy should continue to send monitoring reports for inclusion in the Pesticides in Ground-Water Data Base. Location of the wells is unknown because the registrant did not obtain well identification/location information. The registrant should ask the Texas Department of Agriculture and Bookman-Edmonston Engineering for well location/identification information, because the residue detections without the specific well locations are of much less value in preventing/mitigating ground-water contamination.

The registrant should complete the attached work-sheet in as much detail as possible when 6(a)2 data are submitted to EFGWB.

9. BACKGROUND/DISCUSSIONS: Ciba-Geigy has been cooperating with the Texas Department of Agriculture. The Texas Department of Agriculture re-sampled nine wells known to contain prometon residues from a previous survey. Well samples were collected from North Central Texas in January, 1992 and submitted to Ciba-Geigy for analyses.

Also, Ciba-Geigy has been cooperating with Bookman-Edmonston Engineering in Glendale, California in a split sample analysis program. Well water samples were collected in December, 1991 and submitted to Ciba-Geigy for analysis.

Page ____ is not included in this copy.

Pages 5 through 26 are not included.

The material not included contains the following type of information:

- ☐ Identity of product inert ingredients.
- ☐ Identity of product impurities.
- ☐ Description of the product manufacturing process.
- ☐ Description of quality control procedures.
- ☐ Identity of the source of product ingredients.
- ☐ Sales or other commercial/financial information.
- ☐ A draft product label.
- ☐ The product confidential statement of formula.
- ☐ Information about a pending registration action.
- ☒ FIFRA registration data.
- ☐ The document is a duplicate of page(s) _____.
- ☐ The document is not responsive to the request.

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.