

US EPA ARCHIVE DOCUMENT

6-22-92

DP Barcode : 173517
PC Code No. : 080803
EFGWB Out :

6/22/92

TO: Robert Taylor
Product Manager # 25
Special Review and Reregistration Division (H7508W)

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

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

Attached, please find the EFGWB review of...

Reg./File # : 283184

Common Name : atrazine

Product Name : AATREX

Company Name : Ciba-Geigy

Purpose : Acknowledge Receipt of Detections in Wells & Request
Additional Information.

Type Product : Herbicide

Action Code : 405 EFGWB #(s): 92-0463 Total Review Time = 1/4 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: D173517

CASE: 283148
SUBMISSION: S410262

DATA PACKAGE RECORD
BEAN SHEET

DATE: 01/24/92
Page 1 of 1

*** CASE/SUBMISSION INFORMATION ***

CASE TYPE: MISCELLANEOUS ACTION: 405 DATA-ADVERSE DATA
CHEMICALS: 080803 Atrazine (2-chloro-4-(ethylamino)-6-(isopropylami 0.0000%

ID#: 283148
COMPANY: CIBA-GEIGY CORP.
PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241
PM TEAM REVIEWER: JAMES MORRILL 703-305-5705 ROOM: CM2 251
RECEIVED DATE: 01/13/92 DUE OUT DATE: 03/23/92

*** DATA PACKAGE INFORMATION ***

DP BARCODE: 173517 EXPEDITE: N DATE SENT: 01/24/92 DATE RET.: / /
CHEMICAL: 080803 Atrazine (2-chloro-4-(ethylamino)-6-(isopropylamino)-s-tri
DP TYPE: 001 Submission Related Data Package
ADMIN DUE DATE: 02/18/92 CSF: N LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	01/29/92	1/1
BRAN: EFGB	/ /	06/25/92
SECT: GTS	/ /	06/25/92
REVR :	/ /	/ /
CONTR:	/ /	/ /

*** DATA REVIEW INSTRUCTIONS ***

Please review attached 6(a)(2) report (MRID# 421666-01) of findings of atrazine in groundwater monitored by the Wisconsin DATCP.

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

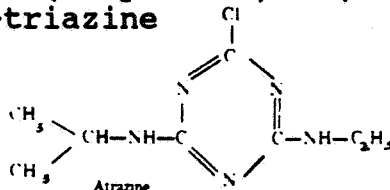
DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
-------	----------------	----------	----------	-----	-----	-------

EPG #: D463

1. **CHEMICAL:** Common name(s): atrazine

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

Structure (s):



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

3. **STUDY/ACTION TYPE:** Acknowledge receipt of pesticide residue detections in wells and request additional information.

4. **STUDY IDENTIFICATION:** Report of Ciba Geigy Chemicals Found in Ground Water- Wisconsin; Letter from Karen Stumpf to Robert J. Taylor

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

Date: 6/22/92

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

Date: 6/22/92

7. **CONCLUSIONS:**

Eb
Ciba-Geigy reported detections of parent atrazine above the 3 ppb MCL/HAL in 16 of 238 Wisconsin well-water samples. Concentrations ranged from 3.5 to 16 ppb; the average parent residue in the 16 samples was 6.9 ppb. The remaining 222 samples contained from <0.10 to 2.9 ppb atrazine. Detectible residues of three metabolites, 2-amino-4-chloro-6-isopropylamino-s-triazine, 2-amino-4-chloro-6-ethylamine-s-triazine, and 2,4-Diamino-6-chloro-s-triazine in 214 of the 238 samples ranged from 0.1-9.9 ppb; no MCL/HAL has been established for the metabolites.

8. **RECOMMENDATIONS:** Ciba-Geigy should complete the final report documenting the Wisconsin detections of atrazine and its metabolites as soon as possible and submit the report to the Agency.

9. **BACKGROUND/DISCUSSIONS:** In 1990, Ciba-Geigy cooperated with the Wisconsin State Department of Agriculture, Trade and Consumer Protection in a rural well survey of atrazine and chloro-triazine metabolites. Samples from twenty-two hundred (2200) wells in vulnerable areas were screened by immunoassay at the level of 0.10 ppb. Wells containing 0.35 ppb atrazine, or above, were sampled again and analyzed by GC/MS at Ciba-Geigy's laboratory.

2.

Ciba-Geigy is completing the final atrazine/metabolites report and indicated that a copy would be sent to the Agency within approximately one month from the date of this action. This action (EFGWB # 92-0463) is an interim report; another action will be written when the final report is received from Ciba-Geigy.

Page _____ is not included in this copy.

Pages 5 through 62 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.