

US EPA ARCHIVE DOCUMENT

DP Barcode : D176084
 PC Code No. : 080803
 EFGWB Out : 1/19/93

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

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 # : _____

Common Name : Atrazine

Product Name : AAtrex

Company Name : Ciba-Geigy

Purpose : Review submission of 6(a)2 information for ground water.

Type Product : Herbicide

Action Code : 406 EFGWB #(s): 92-0682 Total Review Time = 0.5 days

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

158. 75	422477-01	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: D176084

CASE: 283024
SUBMISSION: S414649

DATA PACKAGE RECORD
BEAN SHEET

DATE: 12/21/92
Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: MISCELLANEOUS ACTION: 406 RESUBMISSION
CHEMICALS: 080803 Atrazine (ANSI) 0.0000%

ID#: 283024
COMPANY: CIBA-GEIGY CORP.
PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241
PM TEAM REVIEWER: *Wesley Allen* ROOM:
RECEIVED DATE: 03/19/92 DUE OUT DATE: 05/28/92

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 176084 EXPEDITE: N DATE SENT: 03/24/92 DATE RET.: / /
CHEMICAL: 080803 Atrazine (ANSI)
DP TYPE: 001 Submission Related Data Package
ADMIN DUE DATE: 04/18/92 CSF: N LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	03/26/92	/ /
BRAN: EFGB	03/27/92	/ /
SECT: GTS	03/28/92	12/21/92
REVR : EWALDMAN	12/01/92	12/21/92
CONTR:	/ /	/ /

* * * DATA REVIEW INSTRUCTIONS * * *

Special Instructions: This response contains both groundwater & surfacewater information and therefore should be sent to the groundwater section and the surface water section for review. If possible, please send these completed reviews back down to RD together. Thanks

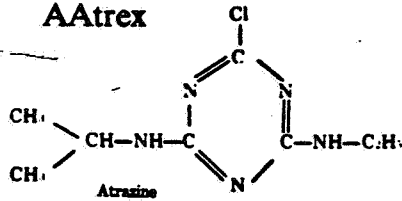
MRID # 422477-01

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

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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1. CHEMICAL:

Chemical name: 2-chloro-4-(ethylamino)-6-(isopropyl amino)-s-triazine
 Common name: Atrazine
 Trade name(s): AAtrex
 Structure:

2. TEST MATERIAL:

Not Applicable.

3. STUDY/ACTION TYPE:

Review Ground ~~and Surface~~ Water Findings in Iowa, Idaho, Missouri, and Florida

4. STUDY IDENTIFICATION:

Title: Letter from Karen Stumpf (Ciba-Geigy) to Robert Taylor Regarding Pesticide Detections in Ground Water

Title: Idaho's Statewide Ground Water Quality Monitoring Program - The First Six Months and Beyond

Author: Idaho Department of Water Resources

Sponsor: Ciba-Geigy Corporation
 P.O. Box 18300
 Greensboro, NC 27419-8300

DP Barcode(s): D176084
 Identification Number: 283024
 Date Sent to EFED: 3/26/92

5. REVIEWED BY:

Estella Waldman
 Hydrologist
 OPP/EFED/EFGWB/Ground-Water Section

Signature: Estella Waldman

Date: 12-21-92

6. APPROVED BY:

Elizabeth Behl
 Acting Section Head
 OPP/EFED/EFGWB/Ground-Water Section

Signature: Elizabeth Behl

Date: 12-21-92

7. CONCLUSIONS:

Ciba-Geigy has submitted information regarding atrazine detections in ground water in response to a letter from by the Agency (January 1992). The states of Florida and Idaho were contacted in order to obtain additional information about the reported pesticide detections. None of the reported detections exceeded the MCL's established for atrazine. The information will be incorporated into the Pesticides in Ground-Water Data Base.

8. RECOMMENDATIONS:

Any additional pesticide detections should be reported to the Agency as 6(a)2 data.

9. BACKGROUND/DISCUSSION:

Ciba-Geigy has responded to a request from the Agency for additional information on pesticide detections in ground water in Idaho and Florida. This information received is as follows:

Idaho: Ciba-Geigy participated in the analysis of ground-water samples from a monitoring program conducted by the Idaho Department of Water Resources. In order to respond to the Agency request for further information about pesticide detections, Ciba-Geigy submitted the published report entitled "Idaho's Statewide Groundwater Quality Monitoring Program - The First Six Months and Beyond". The document describes the preliminary results of the first six months of Idaho's statewide ground-water quality monitoring program. Ground-water samples were collected at 97 sites (wells and springs) in August 1990 by the U.S. Geological Survey and Idaho Department of Water Resources. Preliminary results indicate that about 20% of the sites contained detectable pesticide residues or volatile organic compounds. Atrazine and its three chlorotriazine metabolites were detected in three of five ground-water samples taken in March 1991. Atrazine concentrations ranged from 0.24-0.83 ppb; metabolite concentrations ranged from 0.17-1.1 ppb (EFGWB #92-0322). The samples were also analyzed for simazine; no residues were detected.

Florida: In 1991, a cooperative ground-water sampling program between Ciba-Geigy and the State of Florida was initiated. The samples are collected by the State every six months from Jackson County private, drinking water wells, and are analyzed by Ciba-Geigy for metolachlor, atrazine, and simazine residues. Ciba-Geigy formerly submitted information about the detection of atrazine and chlorotriazine metabolites in EFGWB #'s 92-0469 and 92-0322. Six samples contained atrazine residues ranging from 0.1-1.8 ppb; residues of G-30033 ranged from 0.12-0.30 ppb in five samples. According to the State of Florida representative (Vogel), the detections are probably nonpoint source in origin.

References:

Vogel, David. Florida Department of Environmental Regulation. Tallahassee, FL 32399-2400. Personal Communication. December 1992.

Whitney, Daniel. State of Idaho Department of Agriculture. Boise, ID 83701. Personal Communication. December 1992.

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.

G(A)(2) DATA

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.