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

FROM: Elizabeth Behl, Head (acting)  
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: Acknowledge receipt of report from State of California describing ground-water monitoring data.

Type Product: Herbicide  
Action Code: E25  
EFGWB #(s): 92-1343  
Review Time: 0.3 days

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

| 161-1 | 162-1 | 162-2 | 162-3 | 164-1 | 164-2 | 164-3 | 164-4 | 164-5 | 166-1 | 166-2 | 166-3 | 167-1 | 167-2 | 201-1 | 202-1 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|   Y   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|   Y   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|   Y   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|   Y   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|   Y   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

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)  W = Unacceptable (Study was rejected)/Non-Concur

MRID #: 42-4449-01
**CASE/SUBMISSION INFORMATION**

**CASE TYPE:** MISCELLANEOUS  
**ACTION:** 405 6(A)(2) ADVERSE DATA  
**CHEMICALS:** 080803 Atrazine (ANSI)  
**0.0000%**

**ID#:** 283910  
**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:** 08/14/92  
**DUE OUT DATE:** 10/23/92

**DATA PACKAGE INFORMATION**

**DP BARCODE:** 181897  
**EXPEDITE:** N  
**DATE SENT:** 08/24/92  
**DATE RET.:** / /  
**CHEMICAL:** 080803 Atrazine (ANSI)  
**DP TYPE:** 001 Submission Related Data Package  
**ADMIN DUE DATE:** 09/18/92  
**CSF:** N  
**LABEL:** N  
**ASSIGNED TO**  
**DATE IN**  
**DATE OUT**

**DIV:** EFED  
**BRAN:** EFGB  
**SECT:** GTS  
**REVR:** / /  
**CONTR:** / /  
**12/7/92**

**DATA REVIEW INSTRUCTIONS**

Attention Betsy Behl:

Please review attached report MRID # 424449-01 which details monitoring of several chemicals including atrazine, simazine, and prometon in ground water in California.

**ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION**

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

6 (a)(2)
1. **CHEMICAL:**

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

2. **TEST MATERIAL:**

   Not Applicable.

3. **STUDY/ACTION TYPE:**

   Acknowledge receipt of study entitled "Sampling for Pesticide Residues in California Well Water".

4. **STUDY IDENTIFICATION:**

   Title: Sampling for Pesticide Residues in California Well Water - 1991 Update  
   Author: California Environmental Protection Agency  
            Department of Pesticide Regulation  
            Environmental Monitoring and Pest Management Branch  
            Environmental Hazards Assessment Program  
            Sacramento, CA 95814  
   DP Barcode: 181897  
   Identification Number: 283910  
   Date Sent to EFED: 8/26/92  
   MRID #: 42-4449-01

5. **REVIEWED BY:**

   Estella Waldman  
   Hydrologist  
   OPP/EFED/EFGWB/Ground-Water Section  
   Signature: ___________________________  
   Date: 12/7/92

6. **APPROVED BY:**

   Elizabeth Behl  
   Acting Section Head  
   OPP/EFED/EFGWB/Ground-Water Section  
   Signature: ___________________________  
   Date: 12/7/92
7. CONCLUSIONS:

EFGWB acknowledges the receipt of the report provided by Ciba-Geigy entitled "Sampling for Pesticide Residues in California Well Water". The data in the report will be incorporated in the Pesticides in Ground Water Database.

8. RECOMMENDATIONS:

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

9. BACKGROUND/DISCUSSION:

This summary document contains confirmed detections of atrazine, simazine, and prometon in ground water between July 1, 1990 and September 1, 1991. Atrazine was detected in five counties including Glenn (1 well), Los Angeles (2 wells), Orange (1 well), Sacramento (1 well), and Tulare (3 wells) counties. Concentrations of atrazine ranged from 0.1 to 0.19 ppb.

Prometon was detected in Tulare County (2 wells) at levels ranging from 0.11 to 0.32 ppb.

Simazine was detected in Fresno (8 wells), Orange (8 wells), and Tulare (64 wells) counties. Concentrations of simazine in the ground-water samples ranged from 0.1 to 2.4 ppb.