



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OCT 23 1992

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**MEMORANDUM**

**SUBJECT:**

**FROM:**

*Acting*  
Douglas J. Urban, Chief  
Ecological Effects Branch  
Environmental Fate and Effects Division (H7507C) *10/21/92*

**TO:**

Kathryn Davis, Product Manager Team Reviewer,  
Team 51  
Special Review and Reregistration Division (H7508W)

This portion of the phase 5 process for iprodione includes 11 submitted studies and 12 study summaries. Five of the study summaries were previously reviewed and have Data Evaluation Review (DER's). The remaining 7 study summaries have yet to be called up and reviewed. The reviews for the eleven submitted studies have been finished (see attached DER's). Based on the available DER's, the following data gaps still exist:

72-1

- a Acute Fish/Bluegill
- b Acute Fish/Bluegill (TEP)
- c Acute Fish/Rainbow/Trout

72-2

- a Acute Aquatic Invertebrate
- b Acute Aquatic Invertebrate (TEP)

72-3

- a Acute Estuarine/Marine Fish
- b Acute Estuarine/Marine Mollusk

Of remaining studies with summaries, the following seven are in the review process and will follow this action:

- ✓ MRID No. 00162224 Acute Flow-through Toxicity: Channel Catfish (Ictalurus punctatus) Project 34385

MRID No. 40489201 The Chronic Toxicity of IPRODIONE Technical to Daphnia magna Under Flow-through Conditions Project 87-12-2573

- ✓ MRID No. 40489204; Acute Toxicity of Iprodione Technical to Mysid Shrimp (Mysidopsis bahia) Under Flow-through Conditions Project 87-12-2580

MRID No. 40489202; Acute Toxicity of IPRODIONE technical to Eastern Oysters (Crassostrea virginica) Under Flow-through



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at least 75% recycled fiber

Conditions Project 87-12-2584

MRID No. 40489205; Acute Toxicity of Iprodione Technical to Sheephead Minnow (Cyprinodon variegatus) Under Flow-through Conditions Project 87-12-2583

MRID No. 40489206; Acute Toxicity of ROVRAL® 50 WP to (Daphnia magna) Under Flow-through Conditions Project 87-12-2597

MRID No. 40489203; Acute Toxicity of ROVRAL® 50 WP to Bluegill (Lepomis macrochirus) Under Flow-through Conditions Project 87-12-2578

Attached is a listing of the data requirements and their status after consideration of the 11 submitted studies and the 5 study summaries with available DER's.

Please contact Dennis McLane of EEB if any further clarification or information is needed. (305-5096).

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 \* ECOLOGICAL EFFECTS BRANCH DATA REQUIREMENTS \*  
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Case No.: 816345Date: 10-6-92Biologist Name: Dennis J. McLane Telephone No.: 305-5096Chemical: Iprodione Chemical No: 109801Use Patterns: Terrestrial, food crops and Aquatic, food crop

| GUIDELINES NO./STUDY TYPE<br>( NR-not required; Y/N; I-in review) | DATA<br>REQUIREMENT<br>FULFILLED | MRIDs/DATES               |
|-------------------------------------------------------------------|----------------------------------|---------------------------|
| 71-1(a) Acute Avian Oral, Quail/Duck                              | Y                                | 41604101 1990             |
| 71-1(b) Acute Avian Oral, Quail/Duck<br>(TEP)                     | NR                               |                           |
| 71-2(a) Acute Avian Diet/Quail                                    | Y                                | 41604102 1990             |
| 71-2(b) Acute Avian Diet/Duck                                     | Y                                | 4160410 <sup>3</sup> 1990 |
| 71-3 Wild Mammal Toxicity                                         | NR                               |                           |
| 71-4(a) Avian Reproduction/Quail                                  | Y                                | 00099126 1981             |
| 71-4(b) Avian Reproduction/Duck                                   | Y                                | 00086840 1981             |
| 71-5(a) Simulated Terrestrial Field                               | NR                               |                           |
| 71-5(b) Actual Terrestrial Field                                  | NR                               |                           |
| 72-1(a) Acute Fish/Bluegill                                       | N                                | 4160410 <sup>4</sup> 1990 |
| 72-1(b) Acute Fish/Bluegill (TEP)                                 | N <sup>1</sup>                   | 40489203 1987             |
| 72-1(c) Acute Fish/Rainbow Trout                                  | N                                | 41604105 1990             |
| 72-1(d) Acute Fish/Rainbow Trout (TEP)                            | NR                               |                           |

<sup>1</sup> These studies are required for the rice use.

| GUIDELINES NO./STUDY TYPE                                                | DATA<br>REQUIREMENT<br>FULFILLED<br>( NR-not required; Y/N; I-in review) | MRIDs/DATES               |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------|
| 72-2(a) Acute Aquatic Invertebrate                                       | N                                                                        | 00162223<br>41642001 1990 |
| 72-2(b) Acute Aquatic Invertebrate(TEP)                                  | N <sup>1</sup>                                                           | 40489206 1987             |
| 72-3(a) Acute Estu/Mari Fish                                             | N <sup>1</sup>                                                           | 40489205 1987             |
| 72-3(b) Acute Estu/Mari Mollusk                                          | N <sup>1</sup>                                                           | 40489202 1987             |
| 72-3(c) Acute Estu/Mari Shrimp                                           | Y <sup>1</sup>                                                           | 40489204 1987             |
| 72-3(d) Acute Estu/Mari Fish(TEP)                                        |                                                                          |                           |
| 72-3(e) Acute Estu/Mari Mollusk(TEP)                                     |                                                                          |                           |
| 72-3(f) Acute Estu/Mari Shrimp(TEP)                                      |                                                                          |                           |
| 72-4(a) Early Life-Stage Fish                                            | Y <sup>1</sup>                                                           | 40550801 1988             |
| 72-4(b) Life-Cycle Aquatic Invertebrate                                  | Y <sup>1</sup>                                                           | 40832201 1988             |
| 72-5 Life-Cycle Fish                                                     |                                                                          |                           |
| 72-6 Aquatic Org. Accumulation                                           |                                                                          |                           |
| 72-7(a) Simulated Aquatic Field Study                                    |                                                                          |                           |
| 72-7(b) Actual Aquatic Field Study<br>(Aquatic Residue Monitoring Study) | I                                                                        | 41983601 1991             |
| 122-1(a) Seed Germ./Seedling Emerg.                                      |                                                                          |                           |
| 122-1(b) Vegetative Vigor                                                |                                                                          |                           |
| 122-2 Aquatic Plant Growth                                               | Y                                                                        | 41604108 1990             |
| 123-1(a) Seed Germ./Seedling Emerg.                                      |                                                                          |                           |
| 123-1(b) Vegetative Vigor                                                |                                                                          |                           |
| 123-2 Aquatic Growth                                                     | Y                                                                        | 41604109 1990             |
|                                                                          | Y                                                                        | 41604107 1990             |
| 124-1 Terrestrial Field                                                  |                                                                          |                           |
| 124-2 Aquatic Plant Growth                                               |                                                                          |                           |

| GUIDELINES NO./STUDY TYPE          | DATA<br>REQUIREMENT<br>FULFILLED<br>( NR-not required; Y/N; I-in review) | MRIDs/DATES |
|------------------------------------|--------------------------------------------------------------------------|-------------|
| 141-1 Honey Bee Acute Contact      |                                                                          |             |
| 141-2 Honey Bee Residue on Foliage |                                                                          |             |
| 141-5 Field Test for Pollinators   |                                                                          |             |

<sup>1</sup> These studies are required for the rice use.

EEB Files

DP Barcode : 2179500  
 PC Code No : 109801  
 EEB In : 06-23-92  
 EEB Out :

To: Barbara Briscoe  
 Product Manager 51  
 Special Review and Reregistration Division (H7508W)

From: Douglas J. Urban, Acting Chief  
 Ecological Effects Branch/EFED (H7507C)

Attached, please find the EEB review of...

Reg./File # : 109801-000264  
 Chemical Name : Iprodione  
 Type Product : Fungicide  
 Product Name :  
 Company Name : Rhone-Poulenc Ag. Co.  
 Purpose : Reregistration data

Action Code : 627 Date Due : 10-14-92  
 Reviewer : H. Mansfield  
 D. McLane

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

| GDLN NO | MRID NO   | CAT | GDLN NO | MRID NO   | CAT | GDLN NO  | MRID NO | CAT |
|---------|-----------|-----|---------|-----------|-----|----------|---------|-----|
| 71-1(A) |           |     | 72-2(A) | 416420-01 |     | 72-7(A)  |         |     |
| 71-1(B) |           |     | 72-2(B) |           |     | 72-7(B)  |         |     |
| 71-2(A) |           |     | 72-3(A) |           |     | 122-1(A) |         |     |
| 71-2(B) |           |     | 72-3(B) |           |     | 122-1(B) |         |     |
| 71-3    |           |     | 72-3(C) |           |     | 122-2    |         |     |
| 71-4(A) |           |     | 72-3(D) |           |     | 123-1(A) |         |     |
| 71-4(B) |           |     | 72-3(E) |           |     | 123-1(B) |         |     |
| 71-5(A) |           |     | 72-3(F) |           |     | 123-2    |         |     |
| 71-5(B) |           |     | 72-4(A) |           |     | 124-1    |         |     |
| 72-1(A) | 416041-04 |     | 72-4(B) |           |     | 124-2    |         |     |
| 72-1(B) | 416041-05 |     | 72-5    |           |     | 141-1    |         |     |
| 72-1(C) |           |     | 72-6    |           |     | 141-2    |         |     |
| 72-1(D) |           |     |         |           |     | 141-5    |         |     |

Y=Acceptable (Study satisfied Guideline)/Concur

P=Partial (Study partially fulfilled Guideline but additional information is needed)

S=Supplemental (Study provided useful information but Guideline was not satisfied)

N=Unacceptable (Study was rejected)/Nonconcur

CODE: D157342

CASE: 816345

MISSION: S384675

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 10/25/90  
Page 1 of 1

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

ASE TYPE: REREGISTRATION ACTION: 660 GENERIC DATA REREGIS  
CHEMICAL: 109801 3-(3,5-Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidaz  
ID#: 109801-000264  
COMPANY: 000264 RHONE-POULENC AG COMPANY  
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1  
PM TEAM REVIEWER: KATHY DAVIS 703-308-8068 ROOM: CST 4N3  
RECEIVED DATE: 08/27/90 DUE OUT DATE: 12/25/90

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

DP BARCODE: 157342 EXPEDITE: N DATE SENT: 10/25/90 DATE RET.: / /  
DP TYPE: 999 Miscellaneous Data Package  
ADMIN DUE DATE: ~~01/23/91~~ CSF: N LABEL: N  
ASSIGNED TO DATE IN ASSIGNED TO DATE IN  
DIV : EFED 11/01/90 REVR : / /  
BRAN: DEB / / CONTR: / /  
SECT: / /

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

For this recently received data package, please  
incorporate with the already submitted Phase 3 response and  
include it in the review for Phase 4, as appropriate.

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

| DP BC  | BRANCH | DATE OUT | DUE BACK | INS | CSF | LABEL |
|--------|--------|----------|----------|-----|-----|-------|
| 157343 | EFGB   | 10/25/90 | 01/23/91 | Y   | N   | N     |
| 157344 | DEB    | 10/25/90 | 01/23/91 | Y   | N   | N     |
| 157345 | TB-IRS | 10/25/90 | 01/23/91 | Y   | N   | N     |

Phase II Review

Danny & I did not do the I  
response to the US report on 10/25/90  
but the Phase II report is  
done.

✓ EEB files

DP BARCODE: D179500

REREG CASE  
2335

CASE: 816345  
SUBMISSION: S419751

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 06/  
Page 1 of

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

CASE TYPE: REREGISTRATION ACTION: 627 GENERIC DATA SUBMISSION  
CHEMICALS: 109801 Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imid 100.00 %

ID#: 109801-000264

COMPANY: 000264 RHONE-POULENC AG COMPANY

PRODUCT MANAGER: 51 BARBARA BRISCOE

703-308-8177 ROOM: CS1 3H3

PM TEAM REVIEWER: KATHRYN DAVIS

703-308-8068 ROOM: CS1 4N3

RECEIVED DATE: 06/12/92 DUE OUT DATE: 10/10/92

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

DP BARCODE: 179500 EXPEDITE: N DATE SENT: 06/16/92 DATE RET.: / /  
CHEMICAL: 109801 Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidine  
DP TYPE: 999 Miscellaneous Data Package

ADMIN DUE DATE: 10/14/92

CSF: N

LABEL: N

| ASSIGNED TO | DATE IN  | DATE OUT |
|-------------|----------|----------|
| DIV : EFED  | 06/12/92 | / /      |
| BRAN: EEB   | 06/23/92 | / /      |
| SECT:       | / /      | / /      |
| REVR :      | / /      | / /      |
| CONTR:      | / /      | / /      |

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

Please review the attached reregistration data.

gdln 72-1(a) 41604104 72-2(a) 416420-01  
72-1(b) 41604105

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

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