

US EPA ARCHIVE DOCUMENT

**FILE COPY**

Shaughnessy No.: 109801

Date Out EAB: FEB 15 1985

TO: H. Jacoby  
Product Manager # 21  
Registration Division  
TS-767



FROM: Samuel M. Creeger, Chief  
Environmental Chemistry Review Section No. 1  
Exposure Assessment Branch  
Hazard Evaluation Division

Attached please find the environmental fate review of:

Reg./File No.: 359-685

Chemical: Iprodione

Type Product: Fungicide

Product Name: ROVRAL

Company Name: Rhone-Poulenc

Submission Purpose: Amend label adding use on beans

Action Code: 330

Date In: 12/3/84

EAB # 5171

Date Completed: FEB 15 1985

TAIS (Level II) Days

63 0.25

Deferrals To:

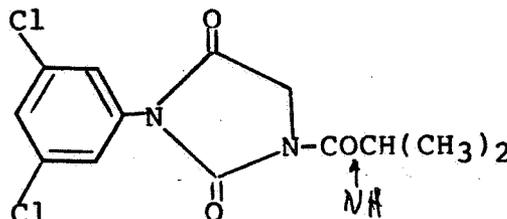
Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1.0 CHEMICAL:

- o Common name: Iprodione
- o Trade name: ROVRAL (50 % ai)
- o Chemical name: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide
- o Chemical structure:



2.0 TEST MATERIAL: Not applicable

3.0 ACTION TYPE:

Label amendment for ROVRAL FUNGICIDE to include use on beans.

4.0 STUDY IDENTIFICATION:

No new data were submitted.

5.0 REVIEWED BY:

Soobok Hong, Ph.D.

Chemist

Environmental Chemistry Review Section 1/EAB/HED

*Soobok Hong*  
February 15, 1985

6.0 APPROVED BY:

Samuel M. Creeger, Chief  
Supervisory Chemist

Environmental Chemistry Review Section 1/EAB/HED

*Samuel M Creeger*  
FEB 15 1985

7.0 CONCLUSION:

EAR file reveals that all environmental fate data requirements except Rotational Crops have been satisfied for iprodione to support the proposed use.

8.0 RECOMMENDATION:

EAR does not have rotational crop data to support the rotational crop restriction as appeared on the label. Therefore, only crops listed on the label can be rotated.

9.0 BACKGROUND:

A. Introduction

Rhone-Poulenc is requesting an amendment of its label

for ROVRAL to use on beans. ROVRAL is currently registered for use on stone fruits and almonds. The registrant has previously requested several other label amendments to add use on lettuce (review 3/29/83), garlic (review 3/29/83), and onions (review 10/17/84).

#### B. Directions for Use

A copy of the proposed label is attached. Briefly, apply Rovral at 1.5-2 lb product/A in 20-40 gal water for the control of Gray Mold (Botrytis sp.) and White Mold (Sclerotinia sp.) on beans (snap, dry, and lima beans) as a foliar spray at early bloom (25-50 % of plants with at least 1 open bloom) and, if conditions are still favorable for disease development, again at peak bloom (maximum number of open blooms). Spray pressure should be 50-100 PSI. Three nozzles per row should be arranged with 1 on each side of the row. Under severe disease conditions the higher rate should be used. Thorough coverage is essential for proper disease control.

#### 10.0 DISCUSSION:

EAB file reveals that all environmental fate data requirements except rotational crops have been satisfied for iprodione to support the proposed use.

However, EAB does not have any rotational crop data to support the label statement, "The following crops may be rotated after harvest: Garlic, leafy vegetables. The following crops may be rotated the year following treatment: Root crops, cereal grains, soybeans, tomatoes." Therefore, only crops listed on the label can be rotated.

#### 11.0 ONE LINER:

No new data were submitted for entering on the one liner.

#### 12.0 CBI:

No CBI is included in this review.

AIN 5721-93

Proprietary EF Reviews

Page \_\_\_\_\_ is not included in this copy.

Pages 4 through 8 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.