

US EPA ARCHIVE DOCUMENT

Shaughnessy No: 109801

Date Out of EAB: AUG 23 1985

To: H. Jacoby  
Product Manager 21  
Registration Division (TS-767)

**COPY**

From: *S/M* Samuel M. Creeger, Chief  
Environmental Chemistry Review Section 1  
Exposure Assessment Branch  
Hazard Evaluation Division TS-769c

Attached, please find the EAB review of:

Reg./File # : 359-685

Chemical Name: Iprodione

Type Product : Fungicide

Product Name : ROVRAL

Company Name : Rhone-Poulenc

Purpose : Review protocol- combined aquatic field dissipation and irrigated  
crop study for use on rice.

Action Code : 192

EAB #(s) : 578<sup>7</sup>

Date Received : 7/22/85

TAIS Code: 51

Date Completed: 8/20/85

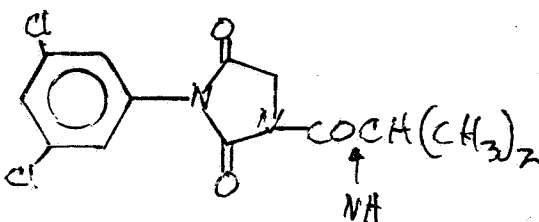
Reviewing Time: 1.0 day

Deferrals to:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1. CHEMICAL:Common Name- IprodioneChemical Name- 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamideTrade Name- ROVRAL Fungicide (50% ai)Chemical Structure-2. TEST MATERIAL:

This submission is a protocol review and Rhone-Poulenc will be supplying the test substance (end-use product) to the contracting lab, Agriseach Incorporated, Mt. Airy, Md.

3. STUDY/ACTION TYPE:

Rhone-Poulenc is requesting review of a protocol for a combined aquatic field dissipation and irrigated crop study to support the registration of ROVRAL for use on rice.

4. STUDY/PROTOCOL IDENTIFICATION:

Rovral Combined Aquatic Field Dissipation and Irrigated Crop Studies.

5. REVIEWED BY:

Herbert L. Manning, Ph.D.  
Microbiologist  
EAB/HED

Signature: *Herbert L. Manning*Date: *Aug 20, 1985*6. APPROVED BY:

Samuel M. Creeger  
Chief, Section 1  
EAB/HED

Signature: *Samuel M. Creeger*Date: *AUG 23 1985*  
*AUG 23 1985*7. CONCLUSIONS:

In general, the submitted protocol follows our guidelines very closely and would satisfy most of the requirements of the study. However, certain information is lacking or the item is not directly addressed. See RECOMMENDATIONS for specifics.

8. RECOMMENDATIONS:

Most of the required information in the protocol is acceptable, but certain aspects of the study should be addressed:

- In the absence of a complete description of the analytical methods, no comments can be offered on their adequacy.
- If water, soil, or plant samples containing the pesticide are to be stored before analysis, then storage stability data may be needed.
- The maximum application rate of the end-use product, as stated on the label, should be used in the study. ✓
- Decline curves should be constructed of residues in the sediment and water of the aquatic field dissipation study and in the water and plants of the irrigated crop study.
- The irrigated crops were not identified. We recommend spinach, carrots, and wheat, if possible. The irrigated crops should be sampled and analyzed at about 1/4, 1/2, and full maturity.
- Are plant samples to be frozen before analysis? ✓
- All raw data must be submitted with the final report. ○
- We are not familiar with the vacuum corer and, therefore, cannot comment on its appropriateness. ✓

9. BACKGROUND:A. Introduction

See Section 3 of this review.

B. Directions for Use

Not applicable.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:A. Study/Protocol Identification

See Section 4 of this review.

B. Reviewer's Comments

See RECOMMENDATIONS.

11. COMPLETION OF ONE-LINER:

Not applicable. No new data were submitted.

12. CONFIDENTIAL APPENDIX: None included in review.