

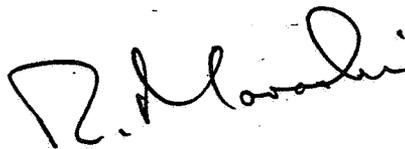
US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 081901

Date Out of EAB: 28 JUN 1983

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

From: Richard V. Moraski, Head (acting)
Review Section 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c)



Attached please find the EFB review of...

Reg./File No.: 677-313

Chemical: Chlorothalonil

Type Product: Fungicide

Product Name: Bravo 500

Company Name: Diamond Shamrock

Submission Purpose: Label amendment: add almonds, rice and wheat

ZBB Code: 3(c)(7)

ACTION CODE: 335

Date In: 4/25/83

EFB # 3331

Date Completed: 6/27/83

TAIS (level II)

Days

63

1.0

Deferrals To:

_____ Ecological Effects Branch

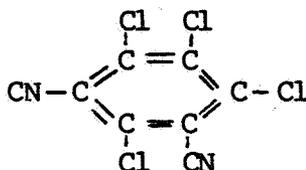
_____ Residue Chemistry Branch

_____ Toxicology Branch

1.0 INTRODUCTION

The registrant (Diamond Shamrock) has requested that the BRAVO™500 label (Reg. # 677-313) be amended to include use on almonds, rice and wheat.

2.0 STRUCTURE



Common Name: Chlorothalonil
Chemical Name: Tetrachloroisophthalonitrile

3.0 DIRECTIONS FOR USE

Proposed supplemental labelling is appended to this review.

BRAVO™500 is currently registered, as follows...

Tree and Orchard Crops (peach, nectarine, apricot, cherry, plum, prune), Conifers, Field Crops (onion, peanuts, sugarbeets (for seed), tomatoes), and Forestry/Nursery/Greenhouse Management (24c in Oregon and Washington). A copy of the current label is appended to this review.

4.0 DISCUSSION

No new data were submitted. A review of the files indicates that two studies are outstanding: leaching and anaerobic soil metabolism. The previously submitted/reviewed anaerobic soil metabolism study (4/27/76) was found deficient and must be redone.

5.0 CONCLUSION

In-house data are not adequate to support the proposed additional uses.

6.0 RECOMMENDATION

The registrant should be informed that the data gaps noted in 4.0 above must be filled prior to EAB concurrence with the proposed label amendments.

Emil Regelman
Chemist
EAB/HED (TS-769c)
June 27, 1983

Page _____ is not included in this copy.

Pages 3 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.
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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.
