

US EPA ARCHIVE DOCUMENT

079402

122804

Shaughnessy No.: 079402

Date Out of EAB: MAY 23 1985

To: George LaRocca  
Product Manager 49  
Registration Division (TS-767)

From: Samuel Creeger, Chief   
Review Section #1  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769)

Attached, please find the EAB review of...

Reg./File # : 50658-EUP-R  
Chemical Name: Avermectin  
Type Product : Insecticide  
Product Name : Avid 0.15 EC  
Company Name : Merck, Sharpe and Dohme  
Purpose : Review revised experimental program

Action Code(s): 701 EAB #(s) : 5301  
Date Received: 2/15/85 TAIS Code: 52  
Date Completed: 5/24/85 Total Reviewing Time: 0.3 days

Deferrals to: \_\_\_\_\_ Ecological Effects Branch  
\_\_\_\_\_ Residue Chemistry Branch  
\_\_\_\_\_ Toxicology Branch

1. CHEMICAL: Avermectin, Avermectin B<sub>1</sub>, MK-936, L-676,863

2. TEST MATERIAL: None

3. STUDY/ACTION TYPE: Revised experimental program.

4. STUDY IDENTIFICATION: Accession 255979

5. REVIEWED BY:

Typed Name : Emil Regelman  
Title : Chemist  
Organization: EAB/HED/OPP

Signature: 

Date: 5/24/85

6. APPROVED BY:

Typed Name : Samuel Creeger  
Title : Chief  
Organization: Review Section #1  
EAB/HED/OPP

Signature: 

Date: MAY 23 1985

7. CONCLUSIONS:

The revised experimental program appears to be complete.

Based on previously accepted supportive data and the current revised experimental program, EAB concurs with the proposed EUP use on citrus.

8. RECOMMENDATIONS:

See §7, above.

9. BACKGROUND:

A. Introduction

On 3/28/84, EAB completed its review of all data to support the EUP use of Avermectin on citrus, and found all FF data adequate for that purpose.

In the current submission, the experimental program has been amended.

B. Directions for Use

A copy of the modified experimental program is appended to this review. The registrant proposes to apply a total of 90 gallons of MK-936 0.15 EC, equivalent to 13.5 lb ai, to a maximum of 180 acres of citrus in the states of CA, AZ, TX and FL.

The experimental period is expected to run from 1/1/86 thru 12/31/86.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

A. Study Identification

Revised Experimental Program.

B. Materials and Methods (Protocols)

1. Test Method

- a. Description of Protocol, etc.
- b. Description of Chemical method used.

C. Reported Results

D. Study Author's Conclusions/Quality Assurance Measures

E. Reviewer's Discussion and Interpretation of Study Results

The experimental program was satisfactorily described.

11. COMPLETION OF ONE-LINER:

No additional data have been added to the ongoing one-line data summaries

12. CBI APPENDIX:

There is no CBI appendix.

Avermectin science review

---

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

Pages 4 through 19 are not included in this copy.

---

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 product 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.

---