

US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 125601

MAY 02 1985

Date Out of EAB: \_\_\_\_\_

To: Robert Taylor  
Product Manager 25  
Registration Division (TS-767)

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

Attached, please find the EAB review of...

Reg./File # : 10182-EUP-GA

Chemical Name: Paclobutrazol

Type Product : Growth Regulator

Product Name : Bonzi

Company Name : ICI Americas

Purpose : EUP: Greenhouse Ornamentals

Action Code(s): 701

EAB #(s) : 5280

Date Received: 2/15/85

TAIS Code: 52

Date Completed: 5/2/85

Total Reviewing Time: 1.0 days

Deferrals to: \_\_\_\_\_ Ecological Effects Branch

\_\_\_\_\_ Residue Chemistry Branch

\_\_\_\_\_ Toxicology Branch

1. CHEMICAL: Paclobutrazol (Bonzi)  
(±)-(R\*,R\*)-beta-[(4-chlorophenyl)methyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol

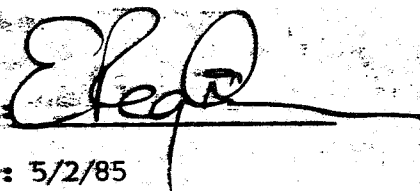
2. TEST MATERIAL: none

3. STUDY/ACTION TYPE: none

4. STUDY IDENTIFICATION: none

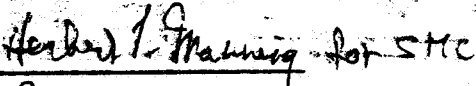
5. REVIEWED BY:

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

Signature:   
Date: 5/2/85

6. APPROVED BY:

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

Signature:  for STC  
Date: May 2, 1985

7. CONCLUSIONS:

Sufficient data have been submitted to support the proposed EUP use on Ornamental Plants. Both the proposed label and proposed experimental program are likewise satisfactory.

8. RECOMMENDATIONS:

EAB concurs with the proposed EUP use on Ornamental Plants. The registrant should be requested to submit data to support the aged leaching data requirement within a reasonable time frame; this data will be required for full registration.

9. BACKGROUND:

A. Introduction

ICI Americas has requested an EUP to test the new growth regulator Bonzi (paclobutrazol) on ornamental plants grown in greenhouses. No new data were included with the submission.

In the last review (1/7/85), the only outstanding data requirement was found to be Aged Leaching.

B. Directions for Use

A copy of the proposed EUP label is appended to this review. In brief, Bonzi is 0.4% active, containing 0.12 g ai/fl.oz. The product is diluted with water, to final concentrations ranging from 31.3 to 250 ppm ai when used as a foliar treatment. When used as a soil drench, treatment rates would be from 0.12 to 3.8 mg ai/6" pot.

C. Experimental Program

A copy of the proposed experimental program is appended to this review. In brief, the product will be applied according to label directions at an average rate of 1.5 mg ai/treated plant. A total of 10 lb ai will be used over the two-year experimental period which would run from 9/1/85 thru 9/1/87.

The product will only be used to treat non-food (ornamental) plants in the following states: IL, MI, NJ, NY, OH, PA, MA, IN, NC, FL, GA, VA, TX, CA, OR and WA.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

A. Study Identification

No additional data were submitted with this action.

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

11. COMPLETION OF ONE-LINER:

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

12. CBI APPENDIX:

There is no CBI appendix.

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

Pages 4 through 18 are not included in this copy.

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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
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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.

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