


US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 125601

Date Out of EAB: MAY 29 1985

To: Robert Taylor
Product Manager 25
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 #: 10182-EUP-GO

Chemical Name: Paclitaxel

Type Product: Growth Regulator

Product Name: Clipper™ 2SC

Company Name: ICI Americas

Purpose: EUP: Ornamental and Shade Trees

Action Code(s): 740

EAB #(s): 5565

Date Received: 4/25/85

TAIS Code: 52

Date Completed: 5/28/85

Total Reviewing Time: 0.3 days

Deferrals to: _____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

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

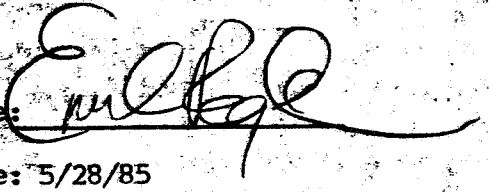
2. TEST MATERIAL: none

3. STUDY/ACTION TYPE: none

4. STUDY IDENTIFICATION: none

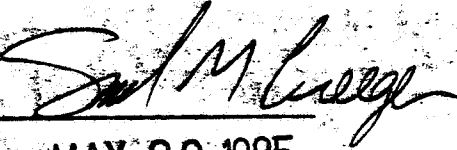
5. REVIEWED BY:

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

Signature: 
Date: 5/28/85

6. APPROVED BY:

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

Signature: 
Date: MAY 29 1985

7. CONCLUSIONS:

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

8. RECOMMENDATIONS:

EAB concurs with the proposed EUP use on Ornamental and Shade trees. 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 paclobutrazol on ornamental and shade trees. No new data were included with the submission.

In the review of 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, Clipper™ 2SC is applied in one of three ways: as a basal drench at 1/2 to 4 grams ai/inch diameter at breast height (DBH) within 2 inches of the trunk; soil injection at 1/2 to 4 grams ai/inch DBH by making 2 - 20 injections, 3 - 12 inches deep within 12 inches of trunk; soil band as a 6 to 12 inch wide band at 1/2 to 4 grams ai/linear foot of hedgerow.

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 noted in §9B, above. A total of 2250 lb ai will be used over the two-year experimental period which would run from 5/85 thru 5/87.

The product will be applied utilizing each of the three previously noted techniques in the following states: AL, AR, CA, FL, GA, ID, IL, IN, LA, MS, MD, MI, MN, NC, NJ, OH, OR, PA, SC, TN, TX, VA, WA, WI, and WV.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

A. Study Identification

No additional data were submitted with this action.

B. Materials and Methods (Protocols)

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.