

US EPA ARCHIVE DOCUMENT

# FILE COPY

Shaughnessy No.: 125601

Date Out of EAB: JUL 31 1987

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

From: Therese M. Dougherty, Chief  
Review Section #1  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769)

Attached, please find the EAB review of...

Reg./File # : 10182-EUP-34

Chemical Name: Paclobutrazol

Type Product: Herbicide

Product Name: PARLAY

Company Name: ICI

Purpose : Review of Analytical Method for Soil Residues of Paclobutrazol

Date Received: 10/1/86

Action Code(s): 350

Date Completed: 31/7/87

EAB #(s) : 70005

JUL 31 1987

Days: 0.5

Deferrals to:  Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

Monitoring study requested by EAB:

Monitoring study voluntarily conducted by registrant:

- 1.a. CHEMICAL: Paclobutrazol.
- 1.b. Physical Properties: Not included in this submission, see earlier reviews.
2. TEST MATERIAL: N/A
3. STUDY/ACTION TYPE: Analytical Method submitted for evaluation in response to EAB review of May 29, 1986.
4. STUDY IDENTIFICATION: See 3, above. The determination of residues of Paclobutrazol (PP333) and its ketone analogue in soil.
5. REVIEWED BY:  
Akiva D. Abramovitch, Ph.D.  
Chemist  
Environmental Chemistry Review Section 1/EAB/HED/OPP  
*Akiva D. Abramovitch*  
Date: JUL 31 1987
6. APPROVED BY:  
Therese M. Dougherty, Chief  
Environmental Chemistry Review Section 1/EAB/HED/OPP  
*Therese M. Dougherty*  
Date: JUL 31 1987
7. CONCLUSIONS:  
EAB reviewed the analytical method and did not find a cause to disagree with the method. EAB will retain a copy on file for future reference.  
The limit of determination of the analytical method by GLC-MS was 0.01 mg/kg of soil. Storage stability data indicate that residues of paclobutrazol in soil are stable for at least 9 months when stored at -20°C.
8. RECOMMENDATIONS:  
None.
9. BACKGROUND:  
A. Introduction: See EAB review of May 29, 1986.  
B. Directions for Use: N/A
10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES: N/A
11. COMPLETION OF ONE LINER: N/A
12. CBI APPENDIX: None.