

Shaughnessy No.: 108501

Date Out of EAB: 3/6/87

To: Stubbs/ Pemberton  
Product Manager 41  
Registration Division (TS-767)

From: Dr. James Adams, Acting Chief  
Environmental Chemistry Review Section  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)

*JDA*

Attached, please find the EAB review of...

Reg./File # : 87-LA-01

Chemical Name: Pendimethalin

Type Product : Herbicide

Product Name : Prowl

Company Name : American Cyanamid

Purpose : Section 18 request

Action Code: 511

EAB #(s) : 70272

Date Received: 2/19/87

TAIS Code: \_\_\_\_\_

Date Completed: 3/6/87

Total Reviewing Time: 0.3 days

Monitoring study requested: \_\_\_\_\_

Monitoring study voluntarily: \_\_\_\_\_

Deferrals to:

\_\_\_\_\_ Ecological Effects Branch

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

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

1. CHEMICAL: Pendimethalin
2. TEST MATERIAL: N/A
3. STUDY/ACTION TYPE: Sect 18 request
4. STUDY IDENTIFICATION: N/A

5. REVIEWED BY:

Stephen J. Simko  
Chemist  
EAB/HED/OPP

Signature:

*S. Simko*  
*3/6/87*

6. APPROVED BY:

Dr. J. Adams  
Chief (acting), Section 1  
EAB/HED/OPP

Signature:

*James D Adams*  
*3/6/87*

7. CONCLUSIONS:

The only data requirements currently satisfied for pendimethalin are hydrolysis and long-term field dissipation. Data on file that are preliminary, since they do not fulfill data gaps, indicate that pendimethalin does not rapidly leach through soil.

8. RECOMMENDATIONS:

Because of the lack of adequate data, EAB cannot support the requested Section 18.

9. BACKGROUND:

The state of Louisiana is requesting a sect. 18 for the use of pendimethalin for control of Itchgrass and Browntop Panicum on approximately 40,000 Acres of sugarcane. The application rate would be 2.0 lbs/A for a total of 80,000 lbs of active ingredient.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES: N/A

11. COMPLETION OF ONE-LINER: N/A

12. CBI APPENDIX:

No CBI is included.