

108501

EEB/HED

Date Out EFB: MAR 24 1980

To: Product Manager Taylor (25)  
TS-767

Through: Dr. Gunter Zweig, Chief *14*  
Environmental Fate Branch

From: Review Section No. 1 *RW Cook*  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 241-243, 9F2246

Chemical: pendimethalin[N-(1-ethylpropyl)-3,4-dimethyl-2,6-  
dinitrobenzenamine](penoxalin)

Type Product: Herbicide

Product Name: Prowl Herbicide

Company Name: American Cyanamid

Submission Purpose: grain sorghum

EFB #250

Action Code 22

ZBB Code: Sec 3(c)(7)(B)

Date in: 8-27-79

Date Completed: MAR 24 1980

Deferrals To:

☐ Ecological Effects Branch

☐ Residue Chemistry Branch

☐ Toxicology Branch

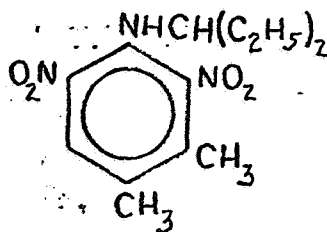
18

1. Introduction

Chemical Name and Type Pesticide: Pendimethalin[N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine] (penoxalin), Herbicide

Trade Name: PROWL Herbicide

Structure:



The registrant requests an incremental risk assessment and a conditional registration for PROWL and PROWL + Atrazine 80W on grain sorghum in Colorado, Kansas, Nebraska, New Mexico, Oklahoma and Texas. PROWL is presently registered on field corn, cotton, and soybeans.

2. Directions for Use

See attached labels.

3. Discussion of Data

No new EC data was submitted.

4. Recommendations

EFB concurs with the proposed use under the application for conditional registration of grain sorghum, since there is no rotational crop restriction change on the label between use on the registered crops (field corn, cotton, and soybeans) and the proposed grain sorghum.

It should be noted that pending the outcome of the decision on nitroso contamination, registration of this new use must be postponed.

*Herbert L. Manning*  
Herbert L. Manning, Ph.D.  
Environmental Fate Branch  
Review Section #1

Pendimethalin environmental fate review

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Pages \_\_\_\_\_<sup>3</sup> through \_\_\_\_\_<sup>4</sup> 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
- 

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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