To: Product Manager Taylor (25)
    TS-767
Through: Dr. Gunter Zweig, Chief
    Environmental Fate Branch
From: Review Section No. 1
    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

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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
1. Introduction

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

Trade Name: PROWL Herbicide

Structure:

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\begin{center}
\includegraphics[width=0.5\textwidth]{structure.png}
\end{center}
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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, Ph.D.
Environmental Fate Branch
Review Section #1
Pendimethalin environmental Fate review

Page _____ is not included in this copy.
Pages _____ through _____ are not included in this copy.

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
X ___ 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.