

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN 4/13/76 OUT 7/10/76 IN _____ OUT _____ IN _____ OUT _____

FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 241-243

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED No date stamp

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): I, D, (H) F, N, R, S Herbicide

PRODUCT MGR. NO. Taylor

PRODUCT NAME(S) PROWL


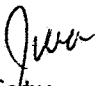
COMPANY NAME American Cyanamid Co.

SUBMISSION PURPOSE Update on chronic fish studies

CHEMICAL & FORMULATION _____

105.0 CONCLUSIONS

1. The Environmental Safety review staff has reviewed the progress report (dated March 30, 1976) on chronic fish studies conducted with PROWL herbicide and finds the report acceptable. A copy of this report will be included in our files.
2. A review of our files indicate that prior to consideration of registration at renewal, the following data must be submitted as per the new Sec. III Regulations.
 - 1) An acute oral LD₅₀ for either the mallard duck or bobwhite quail.
 - 2) An acute 48-hr. LC₅₀ for an aquatic invertebrate.


R. W. Felthousen  7/10/76
Environmental Safety
Efficacy and Ecological Effects Branch

241 243

CYANAMID

AMERICAN CYANAMID COMPANY
AGRICULTURAL DIVISION
POST OFFICE BOX 400, PRINCETON, N. J. 08540
AREA CODE 609 999-0400

Attach with
Review by R. Felthausen
7/10/76

March 30, 1976

Mr. Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (WH-567)
U. S. Environmental Protection Agency
Waterside Mall, East Tower
Washington, DC 20460

Dear Mr. Taylor:


Subject: PROWL® herbicide
Fish — Chronic Feeding Studies
Progress Report

Attached are five copies of a progress report of the chronic exposure of PROWL herbicide to fathead minnows. As you will find in reading the report, the studies are progressing without any adverse effects.

This is to advise you that we are incorporating into the study the changes suggested in the letter from Bionomics dated March 17, 1976 — that is, asbestos drain-tile spawning substrates and the suggestion as to the number of adult fish and the ratio of males to females (3 males and 7 females).

We will continue to submit progress reports as they become available.

Very truly yours,


F. Ray Barron, Jr., Manager
Plant Industry Registrations

FRB/db
Attachments

Pendimethalin ecological effects review

Page _____ is not included in this copy.

Pages 4 through 8 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
 - 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
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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.
