



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 16, 1989

FILE COPY

MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Transmittal of the Final FIFRA Scientific Advisory Panel Report on the May 9, 1989 Meeting

TO: Douglas D. Campt, Director
Office of Pesticide Programs (H7501C)

The above mentioned meeting of the FIFRA Scientific Advisory Panel (SAP) was an open meeting held in Arlington, Virginia to review the following topics:

1. A Set of Scientific Issues Being Considered by the Agency in Connection with A Proposed Tolerance Assessment System for Evaluating Acute Dietary Exposure to a Pesticide Using Aldicarb in a Prototype Analysis;
2. A Set of Scientific Issues Being Considered by the Agency in Connection with the Peer Review of Express as a Class C Oncogen; and
3. A Set of Scientific Issues Being Considered by the Agency in Connection with the Peer Review of Permethrin as Class C Oncogen.

Please find attached the Panel's final report on the agenda items discussed at the meeting.


Robert B. Jaeger
Executive Secretary
FIFRA Scientific Advisory
Panel

Attachments

cc: Panel Members
John A. Moore
Victor J. Kimm
Jim Roelofs
Susan H. Wayland
Anne Barton
Edwin F. Tinsworth
Penny Fenner-Crisp
Al Heir
Mary Beatty, CMO
EPA Participants

SAP Executive Summary; Meeting Date(s)

FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT

SCIENTIFIC ADVISORY PANEL

A Set of Scientific Issues Being Considered by the Agency in Connection with the Peer Review Classification of Permethrin as a Class C Oncogen

The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Scientific Advisory Panel (SAP) has completed review of a set of scientific issues being considered by the Environmental Protection Agency in connection with the peer review classification of permethrin as a Class C oncogen. The review was conducted in an open meeting held in Arlington, Virginia, on May 9, 1989. All Panel members, except Dr. Robert Anthony and Dr. James Swenberg, were present for the review.

Public notice of the meeting was published in the Federal Register on April 17, 1989.

Oral statements were received from staff of the Environmental Protection Agency and from Dr. Robert C. Ridsdale (ICI, Americas), and Dr. John Ishmael (ICI, United Kingdom).

Written comments were received from Dr. James Swenberg (FIFRA SAP) and read into the record for consideration by the Panel.

In consideration of all matters brought out during the meeting and careful review of all documents presented by the Agency, the Panel unanimously submits the following report.

REPORT OF PANEL RECOMMENDATIONS

Permethrin

Issue:

Does the Panel have any specific comments regarding our overall assessment of the weight-of-the-evidence and classification of this chemical in accordance with the Agency's Guidelines for Carcinogen Risk Assessment?

Panel Comments on Permethrin

The Scientific Advisory Panel has reviewed the data base on the oncogenicity of Permethrin which consists of 3 rat and 3 mouse bioassays. In only one mouse study was any dose response manifested in lung tumors in the female (both adenomas and carcinomas). The compound was not mutagenic in a battery of

bioassays. Accordingly, the Panel recommends that Permethrin be classified as a Category C Oncogen. However, because of the relatively weak tumorigenicity and the lack of mutagenicity data, the Panel does not recommend any quantitative risk assessment.

FOR THE CHAIRMAN:

Certified as an accurate report of Findings:



Robert B. Jaeger
Executive Secretary
FIFRA Scientific Advisory Panel

Date: 5/16/89