KNIZNER

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

MAR 22 1994

MEMORANDUM

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: **Diflubenzuron. Outcome of the 3/17/94 Meeting of the HED Metabolism Committee.** Reregistration Case No. 0144. Chemical No. 108201. No MRID #. No DP Barcode. No CBRS #.

FROM: Steven A. Knizner, Chemist
Special Review Section I
Chemistry Branch II - Reregistration Support
Health Effects Division (7509C)

THRU: Edward Zager, Chief
Chemistry Branch II - Reregistration Support
Health Effects Division (7509C)

TO: HED Metabolism Committee

A. Individuals in Attendance

1. Metabolism Committee: (signatures indicate concurrence unless otherwise stated)

Karl Baetcke

Richard Loranger

Michael Metzger

Alberto Protzel

Richard Schmitt

Reto Engler

2. Scientists: (Non-committee members responsible for data presentations; signatures indicate concurrence with conclusion)

Henry Spencer

Steven Knizner

3. Committee Members not in Attendance (signature indicates concurrence with conclusion).

George Ghali G. Ghali

Charles Frick C J Frick

B. Background

At the 2/22/94 meeting, the HED Metabolism Committee decided to meet again to discuss DFB after the following two points have been addressed:

1. The Committee decided that in vivo conversion of DFB to PCA and related compounds needs to be addressed. Using data available from rat metabolism studies, TOX will be responsible for generating an estimate of in vivo conversion.

2. CBRS will obtain percent crop treated data from BEAD. Using this information and information obtained from magnitude of the residue studies, anticipated residues for DFB will be determined. Potential levels of PCA (and related compounds CPU and PCAA) in racs will be calculated.

C. Discussion

The Committee discussed the risk analysis presented in the draft memo entitled "Diflubenzuron. Issues to be presented at the 3/17/94 Meeting of the HED Metabolism Committee" (S.Knizner, 3/17/94, attached).

D. Outcome of the Meeting

1. The Committee endorsed the risk assessment explained in the memo noted above.

2. The Committee concluded that the tolerance expression should be expressed in terms of combined residues of diflubenzuron and metabolites convertible to parachloroaniline, expressed as diflubenzuron.

3. If a change in percent crop treated is noted as part of the DFB RED development, a new risk analysis will be required reflecting these changes.

Attachment

cc: S.F., circ., R.F., Reg Stnd File, S.Knizner, H.Spencer (TOX)
RDI: A.Rathman, 3/22/94 M.Metzger, 3/22/94 E.Zager, 3/22/94
7509C:CBRS:CM#2:305-6903:SAK:sak:Difluout:3/17/94