



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

OFFICE OF
PREVENTION, PESTICIDES, AND
TOXIC SUBSTANCES

MAR 12 1996

MEMORANDUM

SUBJECT: EFED Screen for Isoxaflutole D216391
Chemical Code: 123000

FROM: Renee Costello, Biologist, ERCB *Renee Costello*
James Breithaupt, Agronomist, ERCB *James Breithaupt*

THRU: Elizabeth M. Leovey, Chief
Environmental Risk Characterization Branch
Environmental Fate and Effects Division 7507C *E. M. Leovey*

TO: Joanne Miller, PM 23
Herbicide/Fungicide Branch
Registration Division 7505C *Joanne Miller*

The ERCB has screened the data submitted to support registration of Isoxaflutole. Isoxaflutole passes the screen with the following additional comments.

The Environmental Fate portion of the New Chemical Data Screen is reviewable. The EUP review dated 6/29/95 required an aged soil mobility study (163-1) for the primary transformation product, RPA-202248, and field dissipation data (164-1). The registrant has provided a written commitment (see attached letter) to submit an aged soil mobility study (163-1) using U.S. soils. Also, the registrant has submitted a Terrestrial Field Dissipation Study (164-1, MRID 43904838) that contained sites in Nebraska, Washington, North Carolina, and California.

An additional ecological effects study has yet to be provided to ERCB; the avian dietary test with the degradate 202248. Furthermore, it is possible that after reviewing the environmental fate information, the avian reproduction tests may be required. The ERCB can do a fairly complete risk assessment with available data.

If you have questions, please contact Dan Rieder (team leader; 305-5314), Jim Breithaupt (fate scientist; 305-5925) or Renee Costello (ecological effects scientist; 305-5026).

RHÔNE-POULENC AG COMPANY

March 8, 1996

Mr. Dan Kenny
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division
Crystal Mall Building 2, Room 266A
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Mr. Kenny:

Re: BALANCE™ WDG Herbicide, EPA Reg. No. 264-LAT
Technical Isoxaflutole, EPA Reg No. 264-LAA
Petition for Tolerance, PP#6F4664/New Chemical Screen

As discussed on March 6, 1996 regarding the new chemical screen for the referenced products, the only data requirement that is still outstanding is a batch equilibrium test with RPA 202248 (a major metabolite of isoxaflutole).

We hereby commit to conduct an adsorption/desorption study with RPA 202248 as the test material. The study is expected to be completed and should be submitted to the Agency by August 1996.

With this commitment, it is our understanding that all data requirements will be considered fulfilled and our section 3 package will have passed the new chemical screen. If you have any questions, please contact me at telephone number 919-549-2365.

Sincerely,

Karen S. Shearer

Karen S. Shearer
Registration Manager

kss/96/049

PO BOX 12014, 2 T.W. ALEXANDER DRIVE
RESEARCH TRIANGLE PARK, N.C. 27709-2014
(919) 549-2000
INTERNATIONAL TELEX NUMBER 4999378-ANSWERBACK APC RTP
INTERNATIONAL DISTRIBUTION SERVICES TFI EX NUMBER 4999377-ANSWERBACK APC IDS

2

Excellence in Performance
Pride in Achievement

END