

US EPA ARCHIVE DOCUMENT

4/14/88

Shaughnessy No.: 109702

Date Out of EAB: \_\_\_\_\_

Signature: \_\_\_\_\_

TO: George LaRocca  
Product Manager # 15  
Registration Division (TS-767)

FROM: Thomas Dixon, Chief *Thomas E. Dixon*  
Monitoring Coordination Section #6  
Exposure Assessment Branch/HED (TS-769C)

THRU: Paul F. Schuda, Chief *Paul F. Schuda*  
Exposure Assessment Branch/HED (TS-769C)

Attached, please find the EAB review of...

Reg./File #: 279

Chemical Names: cypermethrin

Type Product Insecticide

Product Name: Cypermethrin/Cypermethrin Minus

Company Name: FMC

Purpose: Possibility of Registering Cypermethrin-Minus by  
Bridging the Cypermethrin Environmental Fate Data

Date Received : 3/10/88

Action Code: 350

Date Completed: 4/14/88

EAB # (s): 80527

Monitoring study requested: \_\_\_\_\_

Total Reviewing Time: 4 hours  
(includes a meeting)

Monitoring study voluntarily: \_\_\_\_\_

Deferrals to: \_\_\_\_\_ Ecological Effects Branch

\_\_\_\_\_ Residue Chemistry Branch

\_\_\_\_\_ Toxicology Branch



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

MAR 31 1988

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Subject: Registration of Cypermethrin Minus by Bridging Data  
From: John H. Jordan, Ph.D. *John H. Jordan*  
Microbiologist  
Exposure Assessment Branch / HED (769C)  
Thru: Paul F. Schuda, Ph.D. *Paul F. Schuda*  
Chief, Exposure Assessment Branch (TS-769C)  
Hazard Evaluation Division  
To: George La Rocca  
PM # 15  
Registration Division (TS-767C)

The first sentence of the fourth paragraph in FMC's letter of February 29, 1988 is correct; comparisons of cypermethrin vs Cypermethrin Minus are required for (1) aerobic and (2) anaerobic soil metabolism (3) crop rotation accumulation and (4) field dissipation. However, the second sentence in the paragraph is incorrect, because I did not say that "current cypermethrin environmental fate studies" could be used to provide a rational for support of Cypermethrin Minus. Either bridging may be done by successful comparisons, as indicated, or the whole array of environmental fate studies are required for Cypermethrin Minus.