



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

3-5-96  
**FILE COPY**

MAR - 5 1996

**MEMORANDUM**

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

**SUBJECT:** Response to Registrant Regarding Greenhouse Use of Cyfluthrin

**FROM:** David Jaquith  
Special Review and Registration Section I  
Occupational and Residential Exposure Branch  
Health Effects Division (7509C)

**TO:** George LaRocca  
PM 13  
Registration Division (7505C)

**THRU:** Bart Suhre, Acting Section Head  
Special Review and Registration Section I  
Occupational and Residential Exposure Branch  
Health Effects Division (7509C)

Larry Dorsey, Chief  
Occupational and Residential Exposure Branch  
Health Effects Division (7509C)

Please find below the OREB review of ....

DP Barcode: D211514 Pesticide Chemical Code: 128831

EPA Reg. No.: \_\_\_\_\_

Deferral to:

PHED: N/A

## 1.0 INTRODUCTION

OREB has been requested to respond to a submission from Whitmire Laboratories, Incorporated regarding an air monitoring study for their product PT 1900 containing cyfluthrin and chlorpyrifos. The submission consists of a number of product labels for chlorpyrifos and cyfluthrin along with calculations describing potential deposition of cyfluthrin and chlorpyrifos from the use of spray and total release products.

## 2.0 CONCLUSIONS

The submission by the registrant contains a series of calculations determining total deposition. The submission does not, however, address the dislodgeability of the material, transfer coefficient, activities performed after treatment of the crop, or present any dissipation data for either cyfluthrin or chlorpyrifos. The submission does not provide adequate data to conduct an exposure assessment for workers reentering greenhouses following treatment with these products. OREB notes that, although chlorpyrifos is registered for greenhouse use, reentry data for this chemical (and cyfluthrin) are lacking and considered to be a data gap for these compounds.

cc: Cyfluthrin file  
Chlorpyrifos file  
Correspondence file