

US EPA ARCHIVE DOCUMENT

PROPRIETARY FILE COPY

Date Out EFB: JAN 13 1981

To: Product Manager 21
TS-767

From: Dr. Willa Garner III
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 677-EUP-EN

Chemical: Chlorothalonil

Type Product: F

Product Name: BRAVO 500

Company Name: Diamond Shamrock

Submission Purpose: EUP on citrus

ZBB Code: other

ACTION CODE: 725

Date in: 10/16/80

EFB # 654

Date Completed: JAN 13 1981

TAIS (level II)

Days

Deferrals To:

52

2

Ecological Effects Branch

Residue Chemistry Branch

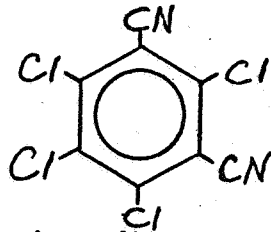
Toxicology Branch

NO ADVERSE COMMENTS

1.0 INTRODUCTION

The applicant has requested an experimental use permit for the use of chlorothalonil on citrus.

Chlorothalonil = Bravo 500



Active ingredient = tetrachloroisophthalonitrile = 40.4%

inert ingredients = 59.6%

Bravo 500 = 4.17 lb. chlorothalonil/gallon

See EFB review of October 21, 1980 for direction for use

2.0 DESCRIPTION OF THE PROGRAM

The applicant seeks to test chlorothalonil on the following pests as a fungicidal treatment on all varieties of citrus in Florida; Scab, Melanose, Greasy spot and pink pitting, and Red algae. A maximum of 50 acres will be treated, involving a total of 725.6 lb. a.i. The program will be for one year, beginning in February 1981, with last application in August 1981. In general, 5 to 11 pints of Bravo/acre will be used on foliage and immature fruit. The applicant seeks to refine use conditions for disease control in commercial orchards. Unused Bravo 500 will be disposed of in accordance with federal and state regulations or used on crops and pests for which a current EPA registration exists.

3.0 RECOMMENDATIONS

EFB has no adverse comments concerning this experimental use permit.

Henry Appleton

Henry Appleton
Chemist
Section 1, EFB/HED