

FILE COPY

JUL 23 1980

Date Out EFB:

JUL 23 1980

To: Product Manager 41 Critchlow
TS-767

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

Attached please find the environmental fate review of:

Reg./File No.: 80-NY-5

Chemical: Fenvalerate and oxamyl

Type Product: Insecticide

Product Name: Pydrin

Company Name: Shell

Submission Purpose: Section 18 request for use of fenvalerate alone and
in a tank mix with oxamyl to control Colorado potato beetles in New York

ZBB Code: Section 18

ACTION CODE: 510

Date in: 7/14/80

EFB # 528

Date Completed: JUL 23 1980

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1. INTRODUCTION

1.1 After receipt of this submission from the Emergency Exemption Team, a phone call to them revealed that the use of Pydrin alone, as requested under the section 18 request, was granted. Therefore, EFB is only to consider the use of the Pydrin - oxamyl tank mix. See copy of Telefax signed by E. Johnson in May 1980 in our file.

1.2 According to the Emergency Exemption Team, the tank mix is only to be used on Long Island (about 17,500 acres). A maximum of 8 applications with the tank mix are anticipated with a maximum of 0.1 lb ai/A of Pydrin and a maximum of 0.5 lb ai/A of oxamyl being applied per application.

2. RECOMMENDATIONS

2.1 We have no Pydrin - oxamyl tank mix data in our files.

2.2 We cannot recommend concurrence with that part of the section 18 request involving the use of the Pydrin - oxamyl tank mix without tank mix data.

2.3 A sample protocol for tank mix data is below.

Apply the componets of the tank mix separately and as a mixture under use conditions to soil in a pot. Analyze the soil through 2 halflives for each pesticide applied separately and as a mixture.

Samuel M. Creeger July 23, 1980

Samuel M. Creeger
Section #1
EFB/HED