

US EPA ARCHIVE DOCUMENT

~~PROPRIETARY~~

Date Out EFB: NOV 21 1980

To: Product Manager 21 Wilson
TS-767

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

SM Croeger (Acting Chief)

Attached please find the environmental fate review of:

Reg./File No.: 38412-EUP-1, 38412-EUP-2

Chemical: Fer~~r~~ramiphos

Type Product: Nematicide

Product Name: Nemacur

Company Name: Chemagro

Submission Purpose: Extension of above EUP's

ZBB Code: Sect 5

ACTION CODE: 355

Date in: 9/8/80

EFB # 605, 606

Date Completed: NOV 21 1980

Time (days) 3

Deferrals To:

 Ecological Effects Branch

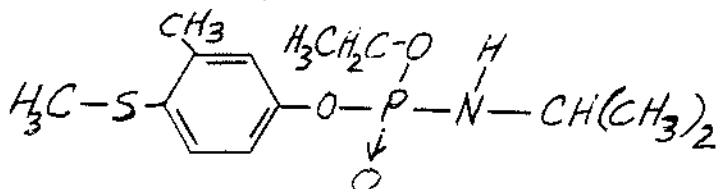
 Residue Chemistry Branch

 Toxicology Branch

1.0 INTRODUCTION

The applicant is requesting extension and modification of currently held experimental use permits for Nemacur 3 Emulsifiable and Nemacur 15% Granular.

- 1.1 Nemacur = fenamiphos, ethyl 3-methyl-4-(methylthio)phenyl(1-methyl-ethyl)phosphoramidate



- 1.2 Nemacur 3 Emulsifiable - 3 lb/gal (35%)
Nemacur 15% Granular - 15%
- 1.3 Use on pineapples in Hawaii. The program will extend from September 1, 1980 through August 31, 1983. A Total of 9,382 gallons (28, 146 lb a.i.) Nemacur 3E and 4, 725 lbs (708,75 lb a.i.) Nemacur 15% G will be shipped. A total of 100 acres will be treated. See EFB review of 11/5/76 for original programs.

2.0 DIRECTIONS FOR USE

- 2.1 For a preplant soil application, apply 10 to 20 lb a.i. per acre. Incorporate the chemical to 4 to 6 inches.

For post plant broadcast application; apply 1 to 3 lb a.i. per acre by broadcast spray or drip irrigation. Begin application 1 to 3 months after planting. Make additional applications at intervals 1 to 3 months as needed. Do not exceed 20 lb a.i. per acre. A preplant application using Nemacur or soil fumigant should be made.

For a first ratoon crop, apply as above immediately after crop harvest and as needed thereafter at 1-3 month intervals. Do not apply more than 30 lb a.i. per acre to the first ratoon crop.

3.0 DISCUSSION OF PROGRAM

The applicant wishes to gather additional efficacy data against nematodes in the target crop, and a three ^{year} period is required to do so.

4.0 RECOMMENDATIONS

A substantially similar EUP was approved previously. EFB concurs with the proposed EUP's at this time.

Henry Appleton

Henry Appleton
Chemist, Section 1
Environmental Fate Branch/HED