

Shaughnessey No. 100601

Date Out EFB: 22 SEP 1983

To: Jacoby
Product Manager 21
Registration Division (TS-767)

From: Richard V. Moraski, (Acting) Chief
Environmental Chemistry Review Section No. 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c)

R. Moraski

Attached please find the environmental fate review of:

Reg./File No: 3125-236

Chemical: Fenamiphos

Type Product: Nematicide

Product Name: NEMACUR

Company Name: Mobay

Submission Purpose: amendment - add use on okra

ZBB Code: 3(c)7

ACTION CODE: 335

Date in: 9/9/83

EFB # 3521

Date completed: 9/21/83

Tais (level II)

Days

63

0.25

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

2 pages w/ Attachment (1 page)

1.0 INTRODUCTION

IR-4 requests the additional use of the nematicide NEMACUR® 15 % Granular [ethyl 3-methyl-4-(methylthio)phenyl-(1-methylethyl) phosphoramidate] on okra. No new environmental chemistry data are submitted.

1.1 Structure

See previous reviews.

2.0 DIRECTIONS FOR USE

See attached label.

3.0 DISCUSSION

On September 18, 1981, EAB noted a data deficiency (photolysis study) which remains unresolved. We have denied addition of uses for this reason. This minor use, however, will not significantly add to the amount of Nemacur in the environment.

4.0 CONCLUSION

The fate of fenamiphos in the environment is sufficiently defined for this use.

5.0 RECOMMENDATIONS

EAB concurs with the proposed additional use on okra.



Norma Kay Whetzel

September 21, 1983

Environmental Chemistry Review Section No. 1

Exposure Assessment Branch

Hazard Evaluation Division

U.S. LABEL

Reason to Issue: To add label
claims for okra.

Date of Draft: 8/1/83 (Pre-Reg) (B)

EPA Reg. No. 3125-236-AA

® NEMACUR
15% Granular
SYSTEMIC NEMATOCIDE

ACTIVE INGREDIENT:

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate 15%

AMENDMENT

To Previously Registered Labeling

Add the Following:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 15% GRANULAR		REMARKS								
		BAND: OZS./ 1000 ft of row	BROADCAST: LBS/ACRE									
Okra	Nematodes	14.7 to 18.4 oz. (or 13.4 to 16.7 pounds per acre on 36-inch rows)	40 pounds	<p>FOR BAND OR BROADCAST APPLICATION</p> <p>BAND: Apply specified dosage in ounces per 1000 ft. of row in front of the planter shoe as a 12- to 15- inch-band. Incorporate the granules into the soil to a depth of 2- to 6-inches.</p> <p>Use low rate in 12-inch band. Use high rate in 15-inch band.</p> <p><u>BAND WIDTH (36-inch row spacing)</u></p> <table><tr><td><u>12-inch</u></td><td><u>15-inch</u></td></tr><tr><td>14.7 oz/1000 ft of row</td><td>18.4 oz/1000 of row</td></tr><tr><td>or</td><td>or</td></tr><tr><td>13.4 lb/acre</td><td>16.7 lb/acre</td></tr></table> <p>WHEN BAND APPLICATIONS ARE USED ON NARROW ROW CROPS, DO NOT USE BAND WIDTHS THAT WILL ALLOW TREATED AREAS TO OVERLAP.</p> <p>BROADCAST: Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2- to 6-inches by disking or tilling.</p>	<u>12-inch</u>	<u>15-inch</u>	14.7 oz/1000 ft of row	18.4 oz/1000 of row	or	or	13.4 lb/acre	16.7 lb/acre
<u>12-inch</u>	<u>15-inch</u>											
14.7 oz/1000 ft of row	18.4 oz/1000 of row											
or	or											
13.4 lb/acre	16.7 lb/acre											