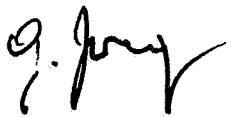


US EPA ARCHIVE DOCUMENT

DATE: 11/4/78

To: Product Manager 16 (Miller)  
TS-767

Through: Dr. Gunter Zweig, Chief  
Environmental Fate Branch.



Through: Mr. James Conlon, Acting Director  
Hazard Evaluation Division, TS-769

From: Review Section No. 1  
Environmental Fate Branch



Attached please find the environmental fate review of:

Reg./File No.: 3125-280, 8F2116

Chemical: O,S-dimethyl phosphoramidothioate  
(Monitor)

Type Product: Insecticide

Product Name: Monitor 4

Company Name: Chemagro Agricultural Division

Submission Purpose: use on pepper and sugar beets

Date in: 9/28/78

Date out: 11/4/78

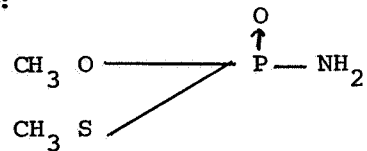
## 1.0 Introduction:

Monitor liquid insecticide. The registrant requests label amendment to include sugar beets and pepper application.

## 1.1 Chemical Name:

O,S-dimethyl phosphoramidothioate AL: 40%

## 1.2 Structure:



## 2.0 Directions for use:

Application for sugar beets in California only, and for peppers is as follows:

| DOSAGE - Pints                                     |  |           |   |
|--|--|-----------|---|
| CROP   | INSECT   | MONITOR 4 | REMARKS   |
| Sugar beets<br>(California<br>and Arizona<br>only) | Green peach<br>aphid   | 1 to 2    | Apply specified dosage per<br>acre as a full coverage spray<br>as needed, allowing 14 days<br>between applications. Do<br>not make more than 6 applica-<br>tions per crop season and<br>not within 30 days of harvest.<br>Sprays may be directed to<br>obtain full foliar coverage.   |
|  | Beet armyworm  | 2         |   |
| Peppers  | Green peach<br>aphid   | 1 to 2    | Apply specified dosage per<br>acre as a full coverage<br>foliar spray. Applications<br>in preventive spray programs<br>should be made at 7 to 10<br>day intervals using the 1<br>pint (0.5 lbs. active) per<br>acre rate. For clean-up of<br>existing aphid populations,<br>use the higher rate. Do not<br>apply to bell peppers more<br>than 5 times per season<br>in California or Arizona or<br>10 times per season in other<br>states. Do not apply within<br>7 days of harvest. Do not<br>apply to other types of<br>peppers more than 3 times<br>per season or within 21 days<br>of harvest. Do not make<br>applications to peppers<br>during the months of November,<br>December, January or February. |
|  | Pepper weevil<br>(Suppression<br>of feeding<br>damage)<br>(Florida Only) | 1/2 to 1  |   |

## 4.00 Recommendations:

4.01 The file of Monitor for this use is known, and is adequate for the label amendment.

PM: Please note, in the accepted Monitor 4 label, lbs. active ingredient per-acre in cotton crop has been omitted in the remark column.

*Ronald E. Ney, Jr. 11/27/78*

Ronald E. Ney, Jr. 11/3/78

*W. Shamaiengar*

W. Shamaiengar

Environmental Chemistry Review Section

Environmental Fate Branch

HED - OPPOTS.