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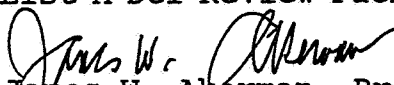
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

MAY 16 1991

MEMORANDUM

SUBJECT: List A DCI Review Package for Metalaxyl (Sh. #113501)

FROM:   
James W. Akerman, Branch Chief,  
Ecological Effects Branch, EFED H7507C

TO: Lois Rossi (PM-74)  
Reregistration Branch, SRRD H7508W

We have reviewed the DCI package for Metalaxyl (Sh. # 113501). The DCI package identified 4 unfulfilled data requirements, 72-3 B,C,E, and F. The 4 studies that were submitted to the agency by the registrant (MRID's: 41288101-4) have been reviewed. One study was acceptable to fulfill guideline requirement 72-3 C. The DER's and a note summarizing the status of each study has been attached to this package.

At this time, an additional data requirement for Metalaxyl needs to be called in by a new DCI. Metalaxyl is a fungicide with a water solubility of 700 ppm, therefore guideline requirement 122-2, aquatic plant testing, must be fulfilled. According to 158.470 (footnote 4) testing is required on Selenestrum capricornitum for any fungicide that is applied to terrestrial food or terrestrial non food sites, having water solubility > 10 ppm at 25 C. If you have any questions concerning this DCI package please contact Cynthia Moulton.



NOTE TO SRRD: CAROL PETERSON

FROM EEB: CYNTHIA MOULTON

RE: METALAXYL (113501)

The List A project inventory for Metalaxyl (Sh. # 113501) indicates that EEB has four outstanding data requirements and four studies to be reviewed. All four studies have been reviewed by Nimish Vyas on 2-13-91. The following is a summary of the disposition of those studies, also see attached DERs.

MRID 41288104: Estu/mari shrimp - TEP SUPPLEMENTAL  
This study does not satisfy guideline req. but may be upgraded to CORE with a registrant response to section 8 and 14 a.

MRID 41288103: Estu/mari shrimp CORE  
This study does satisfy the guideline req.

MRID 41288101: Estu/mari mollusk SUPPLEMENTAL  
This study does not satisfy guideline req. but may be upgraded to CORE if registrant submits raw new shell deposition data per oyster, see section 8 and 14 a.

MRID 41288102: Estu/mari mollusk - TEP INVALID  
This study is invalid and is not repairable. Guideline req. are not satisfied and the study must be redone. See section 8 and 14 a.

In conclusion, four studies have been reviewed by EEB, of which only one satisfies the guideline requirements. I have made corrections in pen on the inventory summary sheets and detailed report of data and study requirements.

LIST A  
REREGISTRATION  
BRANCH

DCI REVIEW

CHEMICAL: metalargl

EFED BRANCH: EEB

CONTACT: Carol Peterson

DATE SENT: APR 17 1991

DATE DUE: \_\_\_\_\_

DATE RETURNED TO SRRD: \_\_\_\_\_

LIST A PROJECT  
INVENTORY SUMMARY SHEET

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SHAUGHNESSY # :113501      CHEM. CASE NAME :Metalaxyl  
CASE # :0081                      CASE NAME :Metalaxyl  
DATE REGISTRATION STANDARD ISSUED :12/01/81      DATE SECD ROUND REVIEW :09/01/88

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SUMMARY OF DATA REQUIREMENTS AND STUDIES

| <u>Discipline</u> | <u>Data Req.</u> | <u>Studies Rec'd</u> | <u>Studies Rev'd</u>   | <u>Studies Not Rev'd</u> | <u>Data Outstd</u>  | <u>New Req.</u> |
|-------------------|------------------|----------------------|------------------------|--------------------------|---------------------|-----------------|
| Prod. Chem.       | 5                | 5                    | 0                      | 5                        | 0                   | 0               |
| Eco. Eff.         | 4                | 4                    | <del>0</del> 4         | <del>0</del>             | <del>3</del>        | 0               |
| Tox.              | 2                | 2                    | 0                      | 2                        | 1                   | 0               |
| Eco. Eff. P.P.    | 0                | 0                    | 0                      | 0                        | 0                   | <del>1</del>    |
| NDEB              | 0                | 0                    | 0                      | 0                        | 0                   | 0               |
| Env. Fate         | 4                | 10                   | 1                      | 9                        | 0                   | 0               |
| Res. Chem.        | 5                | 18                   | 5                      | 13                       | 0                   | 0               |
| Spl. Stud.        | 0                | 0                    | 0                      | 0                        | 0                   | 0               |
| <b>TOTALS(*)</b>  | <b>20</b>        | <b>39</b>            | <b><del>0</del> 10</b> | <b><del>38</del> 29</b>  | <b><del>4</del></b> | <b>0</b>        |

\* -- A single study may be submitted to support more than one data requirement(guideline), and totals include each occurrence of the study submitted.

## LIST A PROJECT

DETAILED REPORT OF DATA AND STUDY REQUIREMENTS FOR SHAUGHNESSY = 113501  
BY DISCIPLINE

## DISCIPLINE : ECOLOGICAL EFFECTS

## Data Required :

| <u>GR #</u> | <u>Study Name</u>            | <u>RS Req.</u> | <u>Date Rvd</u> | <u>Accepted as fulling gu<br/>req</u> |
|-------------|------------------------------|----------------|-----------------|---------------------------------------|
| 72-3B       | Estu/mari tox. mollusk       | Yes            | 2-13-91         | NO                                    |
| 72-3C       | Estu/mari tox. shrimp        | Yes            | 2-13-91         | YES                                   |
| 72-3E       | Estu/mari tox. mollusk - TEP | Yes            | 2-13-91         | NO                                    |
| 72-3F       | Estu/mari tox. shrimp - TEP  | Yes            | 2-13-91         | NO                                    |

## New Requirements :

| <u>GR #</u> | <u>Study Name</u> | <u>Now Req.</u> |
|-------------|-------------------|-----------------|
| None        | None              | None            |

## Studies to be reviewed :

| <u>GR #</u>      | <u>Study Name</u>                       | <u>MRID</u>         | <u>Date Rcvd</u>    |
|------------------|---|---------------------|---------------------|
| <del>72-3B</del> | <del>Estu/mari tox. mollusk</del>       | <del>41288101</del> | <del>11/02/89</del> |
| <del>72-3C</del> | <del>Estu/mari tox. shrimp</del>        | <del>41288103</del> | <del>11/02/89</del> |
| <del>72-3E</del> | <del>Estu/mari tox. mollusk - TEP</del> | <del>41288102</del> | <del>11/02/89</del> |
| <del>72-3F</del> | <del>Estu/mari tox. shrimp - TEP</del>  | <del>41288104</del> | <del>11/02/89</del> |

LIST A PROJECT

DETAILED REPORT OF DATA AND STUDY REQUIREMENTS FOR SHAUGHNESSY = 113501  
BY DISCIPLINE

DISCIPLINE : ECOLOGICAL EFFECTS - PLANT PROTECTION

Data Required :

| GR # | Study Name | RS Req. |
|------|------------|---------|
| None | None       | None    |

New Requirements :

| GR #            | Study Name   | Now Req.        |
|-----------------|--|-----------------|
| 122-2           | Aquatic Plant Testing                                    | 5-7-91          |
| <del>None</del> | <del>None with</del><br><u>Selenestrum capricornitum</u> | <del>None</del> |

(See attached memo for explanation).

Studies to be reviewed :

| GR # | Study Name | MRID | Date Rcvd |
|------|------------|------|-----------|
| None | None       | None | None      |

Studies Reviewed :

| GR # | Study Name | MRID | Date Rcvd | Rvwd. | Acpt. |
|------|------------|------|-----------|-------|-------|
| None | None       | None | None      | None  | None  |