

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN \_\_\_\_\_ OUT \_\_\_\_\_ IN 2/10/75 OUT 2/19/76 IN \_\_\_\_\_ OUT \_\_\_\_\_  
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 38338-EUP

PETITION OR EXP. PERMIT NO. \_\_\_\_\_

DATE DIV. RECEIVED ~~XXXXXXXX XX XX~~ December 16, 1975

DATE OF SUBMISSION \_\_\_\_\_

DATE SUBMISSION ACCEPTED \_\_\_\_\_

TYPE PRODUCT(S): ( I, D, H, F, N, R, S ) \_\_\_\_\_

PRODUCT MGR. NO. \_\_\_\_\_

PRODUCT NAME(S) Methoxychlor 2E

COMPANY NAME Idaho Woolgrowers Assoc. Resch. Committee

SUBMISSION PURPOSE Streams and irrigation canal treatment

CHEMICAL & FORMULATION Methoxychlor

1.0 Introduction

1.1 2,2-Bis(p-methoxyphenyl)-1,1,1-trichloroethane 88% and related compounds 12%, Marlate, CAS 72-43-5, Ent 1716.

1.2 Percent Active: 25%

1.3 Black fly larvae control

1.4 Other environmental reviews:

4F1467	8/08/74
8F0680	1/19/68, 12/30/68
9F0768	9/05/70

1.5 EUP involves 1000 lbs. per year for 3 years.

2.0 Directions for Use

For control of black fly larvae; apply to irrigation canals in southeastern Idaho and the Bear River just below the Soda Point Reservoir Dam, Soda Springs, Idaho. Apply to irrigation canals and streams in southcentral Idaho. Administer material at rates of 0.1 to 0.3 ppm ai for a period of 30 minutes based on cfm water flow at the time of application.

3.0 Discussion of Data

No new environmental chemistry data submitted.

4.0 Conclusions

We have no environmental data on this pesticide.

5.0 Recommendation

5.1 We cannot concur with the proposed use as we have no data to assess hazards.

5.2 We need data on the following as given in Section 3 of the regulation to support the use under the EUP. If you do not have the exact studies as outlined then submit any published data in support of the studies. It may be that there is enough published data to support the proposed use under the EUP. Only after this data is reviewed can we assess the environmental chemical hazards.

- 5.2.1 Hydrolysis
- 5.2.2 Degradation in water plus soil.
- 5.2.3 Fish accumulation study.
- 5.3 Environmental chemistry data as given in Section 3 of the regulations will be required to support registration.

*R. E. Ney 3/8/76*

Ronald E. Ney, Jr. 2/19/76  
Joe B. Boyd  
Environmental Chemistry Section  
Efficacy & Ecological Effects Branch

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No new environmental chemistry data submitted.

### 4.0 Conclusions

We have no environmental data on this pesticide

### 5.0 Recommendation

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5.2 - We need data on the following as given in sections of the regulations to support the use under the EUB. If you do not have the exact studies as outlined then submit <sup>or</sup> published data ~~for~~ in support of the studies. It may be that there is enough published data to support the proposed use under the EUB. Only after the data is reviewed can we assess the environmental chemical hazard.

5.2.1 Hydrolysis

5.2.2 Degradation in water plus soil.

5.2.3 Fish accumulation study.

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Ronald E. Ney, Jr. 2/19/76

*[Signature]*

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