



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

JAN 26 1984

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM:

SUBJECT: ~~PP#3F2957~~ Metolachlor on Stone Fruits.  
Amendment of 1/3/84.

FROM: Alfred Smith, <sup>AS</sup> Chemist  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

THRU: Charles L. Trichilo, Chief  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

TO: R. Mountfort, PM#23, RD (TS-767) and TOX,  
HED (TS-769)

CIBA-GEIGY's amendment contains label revisions which prohibit the grazing of livestock on treated areas as well as the feeding or grazing of cover crops grown in treated orchards. Also, nectarines or apricots are not to be treated with tank mixtures containing simazine.

The revisions are in accord with suggestions made in our review of 12/15/83 (K. Arne) and resolve the questions raised in Conclusions 2 and 7.

The deficiencies associated with this petition have been resolved.

Recommendation

TOX and EAB considerations permitting, we recommend for the proposed tolerances for residues of the herbicide metolachlor, [2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide], and its metabolites determined as 2-[(2-ethyl-6-methylphenyl)amino]-1-propanol and (4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as parent, in stone fruits (apricots, cherries, nectarines, peaches, plums) at 0.1 ppm.

# REGISTRATION DIVISION DATA REVIEW RECORD

Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

7575

## 1. CHEMICAL NAME

metolachlor "Dual SE Herbicide"

1-1180

## 2. IDENTIFYING NUMBER

372957

## 3. ACTION CODE

231

## 4. ACCESSION NUMBER

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## TO BE COMPLETED BY PM

### 5. RECORD NUMBER

113238

### 6. REFERENCE NUMBER

1

### 7. DATE RECEIVED (EPA)

01/09/84

### 8. STATUTORY DUE DATE

### 9. PRODUCT MANAGER (PM)

Mountfort

### 10. PM TEAM NUMBER

23

## 14. CHECK IF APPLICABLE

☐ Public Health/Quarantine

☐ Minor Use

☐ Substitute Chemical

☐ Part of IPM

☒ Seasonal Concern

☐ Review Requires Less Than 4 Hours

## TO BE COMPLETED BY PCB

### 11. DATE SENT TO HED/TSS

1/11/84

### 12. PRIORITY NUMBER

49

### 13. PROJECTED RETURN DATE

3/28/84

## 15. INSTRUCTIONS TO REVIEWER

A. HED ☒ Total Assessment - 3(c)(5)

☐ Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.

C. ☐ BFSD

D. ☐ TSS/RD

E. ☐ Other

B. SPRD (Send Copy of Form to SPRD PM)

☐ Chemical Undergoing Active RPAR Review

☐ Chemical Undergoing Active Registration Standards Review

## F. INSTRUCTIONS

Revised Section B (Label)

as per K. H. Arne's review

dated 12/15/83.

## 16. RELATED ACTIONS

## 17. 3(c)(1)(D)

☒ Use Any or All Available Information ☐ Use Only Attached Data  
Use Only the Attached Data for Formulation and Any or All  
☐ Available Information on the Technical or Manufacturing Chemical.

## 18. REVIEWS SENT TO

☐ TB

☐ EEB

☐ EF

☐ PL

☒ RCB

☐ EFB

☐ CH

☐ BFSD

19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	ECOLOGICAL EFFECTS								
	<input checked="" type="checkbox"/> RESIDUE CHEMISTRY		1						
	ENVIRONMENTAL DATA								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFSD	ECONOMIC ANALYSIS								

20. ☒ Label Submitted with Application Attached

21. ☐ Confidential Statement of Formula

22. ☐ Representative Labels Showing Accepted Uses Attached

23. Date Returned to RD (to be completed by HED)

24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.