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

PCMSD HISA

JAN 11 1990

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: PP#7E3536. Chlorpyrifos in or on Cherimoya, Feijoa,  
and Sapote.

Amendment of 9/26/89.

DEB#: 5915. HED#: 0-0015. MRID#: None.

FROM: Maxie Jo Nelson, Ph.D., Chemist  
Tolerance Petition Section I  
Dietary Exposure Branch  
Health Effects Division (H7509C)

*mjn*

THRU: Robert S. Quick, Section Head  
Tolerance Petition Section I  
Dietary Exposure Branch  
Health Effects Division (H7509C)

*mjn for*

TO: Hoyt Jamerson, PM 43  
Emergency Response and Minor Use Section  
Registration Support Branch  
Registration Division (H7505C)

Toxicology Branch - IR Support  
Health Effects Division (H7509C)

Dietary Risk Evaluation Section  
Science Analysis & Coordination Branch  
Health Effects Division (H7509C)

SUMMARY OF DEFICIENCIES REMAINING TO BE RESOLVED FOR DEB

None.

CONCLUSION

1. The revised Section F submitted by IR-4 limiting the tolerance expression to chlorpyrifos per se is acceptable to DEB.

RECOMMENDATION

Toxicological considerations permitting, DEB recommends in favor of the establishment of the proposed tolerances with regional registration, as defined in 40 CFR 180.1(n), for residues of the pesticide chlorpyrifos in or on the raw agricultural commodities cherimoya, feijoa (pineapple guava), and sapote at 0.05 ppm.

NOTE: On the basis of the available residue data, registration is to be limited to CA only.

### DETAILED CONSIDERATIONS

#### BACKGROUND

In our (M. Nelson) last review (1/5/89) of this petition, we indicated that no deficiencies remained to be resolved for DEB, and recommended (toxicological considerations permitting) for the establishment of the proposed tolerances with regional registration (limited to CA only) for combined residues of the pesticide chlorpyrifos and its metabolite, 3,5,6-trichloro-2-pyridinol (TCP) in or on the raw agricultural commodities cherimoya, feijoa (pineapple guava), and sapote at 0.1 ppm (of which no more than 0.05 ppm is chlorpyrifos).

The Second Round Review (SRR) of the Chlorpyrifos Registration Standard subsequently determined (June 1989) that "the toxicology data do not justify the regulation of TCP in food" (p. 40).

Based on that finding, the petitioner (IR-4) submitted by transmittal letter (no MRID#) dated 9/26/89, a revised Section F for this petition, limiting the tolerance expression to chlorpyrifos per se (omitting reference to its major metabolite, TCP).

#### DISCUSSION

The revised Section F submitted by IR-4 is acceptable to DEB.

cc: M. Nelson, PP#7E3536, Reading File, Circulation (7),  
Chlorpyrifos Registration Standard File, ISB/PMSD (E.  
Eldredge), DRES/SACB (J. Kariya), FDA.

H7509C:DEB:Reviewer(MJN):CM#2:Rm804:557-7423:typist(mjn):1/11/90

RDI:SecHd:RSQuick(byMJN):1/11/90:BrSrScientist:RALoranger:1/11/90

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