

US EPA ARCHIVE DOCUMENT



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

MAY 7 1990

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Memorandum

Subject: 89-CA-26. Amendment. Section 18 Quarantine Exemption for the use of Malathion to eradicate fruit flies on Numerous Raw Agricultural Commodities. No Accession Number / No MRID Number DEB #6622

From: Jane Smith, Chemist *JMS*  
Special Registration Section I  
Dietary Exposure Branch  
Health Effects Division (H-7509C)

Thru: Andrew Rathman, Section Head *ARR*  
Dietary Exposure Branch  
Health Effects Division (H-7509C)

To: R. Cool / S. Stanton PM Team 41  
Registration Support and Emergency Response Branch  
Registration Division (H-7505C)

The California Department of Food and Agriculture requests an amendment of a previously approved Section 18 Quarantine Exemptions authorizing application of the insecticide malathion to eradicate fruit flies. The Section 18 Quarantine Exemptions were approved in 1987 (see 87-CA-02, M. Metzger, 10-30-86) and more recently, 1990 (see 89-CA-26, S. Hummel, 01/03/90). There are also approved companion 24(c)s, CA-830012 (although DEB has no record), CA-820062, and CA-820063. The Section 18 currently allows treatment of allspice, bananas, chapote, chayote, cherimoya, custard apples, eugenia fruits (edible), kiwi, litchi, logan fruit, loquats, mulberry, olives, opuntia (cactus flower), persimmons, pineapples, guava, sapodilla, sapote, star apple, tomatillos, tree tomatoes, and pummelos. The amendment would permit treatment of commercial and residential plantings of food and feed crops such as, but not limited to those currently listed. The application rate has not been changed from the original Section 18 request.

CONCLUSIONS

Based on the amendment and the current approved Section 18 the conclusions are as follows;

For the purpose of this Section 18, the residue of concern will be considered to be malathion, per se.

Analytical methods suitable for enforcement are available in PAM I and PAM II. Analytical standards of malathion are available from the EPA Repository.

Residues of malathion are not likely to exceed 8 ppm in/on any commodities which are treated according to the proposed use.

#### RECOMMENDATION

DEB has no objection to this Section 18, provided the bait used is cleared for use on food crops (see 89-CA-26, S. Hummel, 1/03/90). An agreement should be made with FDA regarding the legal status of the commodities in commerce.

cc:RF, Circ, Section 18 F, PMSD/ISB (C. Furlow), DRES (Kariya),  
JSmith, RDSchmitt

RDI:ARathman:05/07/90:EZager:05/07/90

H-7509C:DEB:JSmith:jss:Rm810F:CM#2:05/07/90