

PMSD/LSD



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

AUG 10 1989

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: CA890033. Proposed 24(c) Registration to use Dimethoate on Non-bearing Mango Trees. No MRID No. DEB # 5580

FROM: Jane S. Smith, Chemist
Special Registration Section I
Dietary Exposure Branch
Hazard Evaluation Division (H-7505C)

THRU: Andrew R. Rathman, Section Head
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TO: W. Miller PM Team 16
Rodenticide-Insecticide Branch
Registration Division (H7509C)

Sun World International is requesting a Section 24(c) for the use of Clean Corp Dimethoate 267 EC (EPA Reg. No. 2749-41-34704) on non-bearing mango trees in the state of California to control citrus thrips.

A tolerance has been established (40 CFR 180.204) for total residues of the systemic insecticide dimethoate, (O,O-dimethyl S-(N-methyl carbamoylmethyl phosphorothioate) including its oxygen analog (O,O-dimethyl S-(N-methylcarbamoylmethyl)phosphorothioate) in/on various raw agricultural commodities. No tolerances have been established on mangoes.

The proposed use includes the ground spray application of 1.5 pints (0.49 lb a.i.) per 100 gallons of water per acre up to a maximum of 7 applications. A single restriction on the label prohibits application of the product through any type of irrigation system.

No residue data have been submitted with the request and no data are available from previous submissions associated with this product on mangoes/mango trees.

Non-bearing fruit trees may be defined as those trees that will not bear fruit within one year of application. In order for this to

be considered a non-food use applications may not be made to trees from which fruit will be harvested within one year.

Conclusions and Recommendations

Contingent upon modification of the label to restrict the application of Clean Corp Dimethoate 267 EC to trees which could produce fruit within the year, we have no objections to the use of this product on non-bearing mango trees since this is considered a non-food use.

cc: RF, Circu, 24(c) file, non-food use file, Dimethoate Reg. Std.,
Reviewer, RDSchmitt, PMSD/ISB.
RDI: ARRathman, 8/09/89; EZager, 8/10/89.
H-7509C: DEB:JSS:jss:CM#2:Rm810F:8/10/89.