



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

PMSP 0800

MAY 28 1986

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA Reg. No. 279-3014. Permethrin on pistachios.
Amended Registration for Pounce® 3.2 EC. RCB No. 835.

FROM: Linda S. Propst, Chemist
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

Linda S. Propst

THRU: Andrew R. Rathman, Section Head
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

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TO: George LaRocca, Product Manager #15
Insecticide-Rodenticide Branch
Registration Division (TS-767)

FMC Corporation is requesting an amended registration for their permethrin formulation Pounce® 3.2 EC on pistachios.

Tolerances have been established for residues of the insecticide permethrin [(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate] and its metabolites 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid (DCVA) and (3-phenoxyphenyl)methanol(3-PBA) calculated as parent in or on pistachios at 0.1 ppm (40 CFR 180.378 (b)).

This tolerance to cover residues of permethrin and its metabolites in or on pistachios was established in conjunction with PP#4F2995 submitted by ICI Americas, Inc. There is no letter from ICI Americas, Inc. included with this submission authorizing us to use confidential business information in their petition files for registering FMC's product Pounce® 3.2 EC on pistachios.

Pounce® 3.2 EC, an emulsifiable concentrate containing 3.2 lbs permethrin per gallon, is currently registered for use on pistachios to control Peach Twig Borer and Navel Orangeworm at a rate of 8 to 16 ounces of formulation (0.2 to 0.4 lb active) per acre. Use sufficient water to obtain full coverage of foliage. Do not make more than two applications per season. Do not apply after 10% hull split. Nuts may be harvested on the day of application. Do not graze livestock in treated orchards.

The proposed amended use would not limit the number of applications of Pounce® 3.2 EC on pistachios but the total rate (0.2-0.4 lb. a.i. per application) should not exceed 1.6 lbs

active per acre per season. Do not apply after 10% hull split. Nuts may be harvested on the day of application. Do not graze livestock in treated orchards.

There are no residue data available in our files reflective of the proposed use.

In the absence of such data we are unable to conclude that the tolerance established to cover residues of permethrin and its metabolites in or on pistachios will not be exceeded as a result of the proposed amended use.

Conclusions and Recommendations

We are unable to conclude that the tolerance established to cover residues of permethrin and its metabolites in or on pistachios will not be exceeded as a result of the proposed amended use.

For this reason, we recommend against the proposed amended registration. To give this request further consideration, we will require residue data reflective of the proposed use, i.e., 1.6 lbs. active per acre per season. Nut samples to be analyzed should be harvested on the day of last application. If any data are needed from ICI Americas, Inc.'s registration files, we will require authorization from ICI America's, Inc. to use such data in amending FMC's registration of Pounce® 3.2 EC on pistachios.

cc: Amended Use File, Reading File, Circulation, Reviewer, PMSD/ISB
Subject File

RDI: A. R. Rathman, 5/27/86; R. D. Schmitt, 5/27/86

TS-769:LSP:lsp:CM-2:Rm810:557-7324:5/27/86