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

AUG 28 1985

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP#4F3027, Pydrin (aka fenvalerate) on Stone Fruit. Submission of Revised Section F for Inclusion of Tolerances in/on Almond Nut Meat and Hulls Dated 6/17/85. (No Accession Number, RCB #1143).

FROM: E. T. Haeberer, Chemist E.T. Haeberer
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

THRU: Robert Quick, Head RQ
Petition Review Section I
Residue Chemistry Branch/HED (TS-769)

TO: Adam Heyward, PM Team 17
Registration Division (TS-767)

Shell Oil Company has submitted a revised Section F for PP#4F3027, Pydrin on stone fruit, to include a tolerance proposal for almonds. Tolerance proposals for Pydrin, cyano-(3-phenoxyphenyl)methyl 4-chloro-alpha (1-methylethyl) benzeneacetate, on almond meat at 0.2 ppm and almond hull at 15 ppm, were originally submitted with PP#2F2626. These tolerance proposals were withdrawn (March 1983) pending review of a ruminant feeding study with the photodegradate, SD-54597.

The revised Section F also proposes a tolerance on various stone fruits as well as for dried prunes (which is not a raw commodity). In the original submission of this petition, the petitioner proposed a crop group tolerance on stone fruit. The petitioner should revise Section F to propose a crop group tolerance or, if that is no longer desired, to delete the proposal for dried prunes. We recommended for a crop group tolerance in our 7/30/84 review.

Toxicology Branch has concluded that the photodegradate is not of toxicological significance and now recommends for establishment of tolerances for Pydrin on almond nut meat at 0.2 ppm and almond hull at 15 ppm (memo 5/9/85, William Greear).

RCB has previously determined (memo 7/14/82, K. Arne, PP#2F2626) that residues resulting from the proposed use would not exceed proposed tolerances for almonds and almond hulls. We also conclude that the proposed tolerance on almond hulls will not cause secondary residues in meat and milk to exceed the already established tolerances on these commodities.

Recommendation

RCB can now recommend in favor of the proposed tolerance for Pydrin of 0.2 ppm on almond nut meat and 15 ppm on almond hulls. We also reiterate our 7/30/84 recommendation for a tolerance on stone fruits at 10 ppm. The petitioner should revise Section F to propose a tolerance for stone fruits or, if that is no longer his intent, revise his Section F to delete the proposal for dried prunes. Dried prunes are not a raw agricultural commodity but are a processed commodity. A tolerance is not needed in this case for the dried prunes since residue data previously reviewed on dried prunes indicate that resulting residues will not exceed the proposed tolerance for the fresh rac.

The label directions registered for almonds should be those submitted in the petitioner's 10/29/82 amendment to PP#2F2626.

A Codex Sheet is attached. There is a Codex tolerance of 2 ppm on cherries and 5 ppm on peaches. Because the U.S. data show the need for a 10 ppm tolerance, we cannot make the U.S. tolerance compatable with Codex.

Attachment: Codex Sheet

TS-769:RCB:BHaeberer:vg:CM#2:Rm810:X77484:8/26/85
cc: RF, Circu, Haeberer, TOX, EEB, EAB, PMSD/ISB, PP#4F3027
RDI: Schmitt, 8/23/85; Quick, 8/23/85

E. Haberman

INTERNATIONAL RESIDUE LIMIT STATUS

E. Haberman 5/23/3

CHEMICAL fenvalerate (Pydrin) PETITION NO 4F3027

CCPR NO. 119

Codex Status

☐ No Codex Proposal Step 6 or above

Proposed U. S. Tolerances

Residue (if Step 9): fenvalerate 1/

Crop(s)	Limit (mg/kg)
cherries	2
peaches	5

Residue: fenvalerate

Crop(s)	Tol. (ppm)
stonefruit	10 ppm
almond nutmeat	0.2 ppm
almond hull	15.0 ppm

CANADIAN LIMIT

Residue: _____

Crop	Limit (ppm)
none (on above commodities)	

MEXICAN TOLERANCIA

Residue: _____

Crop	Tolerancia (ppm)
none	

1/ Codex limits temporary pending change in temporary ADI to ADI

Notes:

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