4/27/81

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PP#7E1949 Dimethoate in or on Cherries. Amendment of February 24, 1981.

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THRU: Charles L. Trichilo, Chief
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This amendment is in response to our review of 10/25/77 (memo R.B. Perfetti) in which the following deficiencies (summarized) were listed.

1. Clarification of which formulation is requested for use on cherries is needed.

2. Additional residue data from other major cherry producing states (data was submitted only from Oregon) is needed to assure adequate geographical representation in the residue data.

3. Submission of a revised section B presenting an appropriate PHI for cherries and proposing a label restriction prohibiting grazing of treated orchards or feeding cover crops grown in treated orchards to livestock. The Oregon data indicate a PHI of at least 28 days is needed for cherries.

4. [redacted] if any, of both the technical material and the formulation.

Response to 1:

Two labels have been submitted: one for the use of Cygon 400 (EPA Reg. No. 241-233) and the other for Defend E-267 (EPA Reg. No. 148-865). Both American Cyanamid Company and Thompson-Hayward Chemical Company have authorized the use of data for Cygon 400 and Defend respectively in the support of this request (F.R. Barron, American Cyanamid Company, to PM#16, R.D., March 30, 1981 and Dusty Miller, Thompson Hayward Chemical Company to Administrator EPA, March 24, 1975). The inerts in both formulations are cleared for use under Sec. 180.1001(c). This deficiency is resolved.

Response to 2

The proposed use is only for the State of Oregon and we have concluded that combined residues of dimethoate and its oxygen analog would not be expected to exceed 2.0 ppm in or on cherries grown in Oregon provided a 25 day PHI is observed. In light of the Minor Uses Policy of September 30, 1980, regional uses will need residue data from only that area. Consequently, this deficiency is now resolved.

Response to 3

Both labels contain the requested restrictions. This deficiency is resolved.

Response to 4

Unless the product contains either a dinitroaniline, secondary or tertiary alkylamine or alkanolamine or representative quaternary ammonium compound, data on N-nitrosoamines is not needed (FR, 6/26/80, pg. 42557). [redacted] and not detectable (as listed by each registrant) in either company's technical material, N-nitrosoamine data is not needed. This deficiency is resolved.

Recommendations

TOX considerations permitting, we can now recommend for the proposed 2.0 ppm tolerance for the combined residues of dimethoate (O,O-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate) and its oxygen analog (O,O-diethyl S-(N-methylcarbamoylmethyl) phosphorothioate) in or on cherries grown in Oregon (See Minor Use Tolerances Attachment). If the use is broadened in the future to include other geographical areas, additional residue data will be needed.

cc: Reading file
Circu
Reviewer
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FOA
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TOX

TS-769:Reviewer:C.H.K.Leovey:LOT:X77324:CM#2:RM:RIB:Date:5/7/81
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