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

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OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Memorandum:

SUBJECT: PP#1G3930. Revised Section F. Temporary Tolerance and Experimental Use Permit for Use of Avermectin B₁ on Apples. EUP-618. (No MRID#, CB#10641, Barcode#D182970).

FROM: Jerry B. Stokes, Chemist
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Health Effects Division (H7509C)

THRU: Philip V. Errico, Section Head
Chemistry Branch/Tolerance Support
Health Effects Division (H7509C)

TO: George LaRocca/Adam Heyward, PM-15
Fungicide-Herbicide Branch
Registration Division (H7505C)

and

Toxicology Branch
Health Effects Division (H7509C)

Jerry B. Stokes
J. barbus for

Merck Sharp & Dohme Research Laboratories, Merck & Co., Inc., proposed that a temporary tolerance be established for the residues of the miticide avermectin B₁ and the delta 8,9 geometric isomer of avermectin B_{1a} in/on apples (fresh market only) at 0.035 ppm.

CBTS had recommended a 0.035 ppm tolerance in/on apples based upon the residue data submitted for pears (See memo of 3/22/91, J. Stokes). However, on completion of our review of PP#9F3787 (avermectin B₁ in/on pears) we recommended a tolerance of 0.05 ppm for pears. Since the apple tolerance was established based on the pear data, then we requested that the temporary tolerance be increased to 0.05 ppm (See memo of 8/18/92, J. Stokes). The proposed PHI was 30 days.

A temporary tolerance of 0.035 ppm was established for apples with an expiration date of June 15, 1992. CBTS did not review a revised Section F per our request for a temporary tolerance of 0.05 ppm for apples. CBTS reviewed a request for extension of the temporary

tolerance and EUP for apples. We continued to recommend a 0.05 ppm tolerance (See memo of 8/18/92, J. Stokes).

The petitioner has now submitted a cover letter dated 9/23/92 and a Section F requesting a tolerance of 0.035 ppm.

Conclusions/Recommendations:

Therefore, based upon the above comments, until CBTS can review the apple residue data, we continue to recommend that a temporary tolerance of 0.05 ppm be established for the combined residues of avermectin B₁ and 8,9-z-avermectin B₁ in/on apples.

cc: PP#1G3930; J. Stokes (CBTS); R.F.; Circu.
RDI: PErrico:11/19/92:RLoranger:11/19/92
H7509C:CBTS:JStokes:js:Rm 803:CM#2:305-7561:11/23/92

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