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

APR 2 1990

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP#9E3791. Cyromazine in/on Chinese Mustard. Amendment of March 12, 1990. DEB No. 6499; RD Record No. 261515, HED Project No. 0-0946. No MRID Number.

FROM: Luis F. Rodriguez, Ph.D., Chemist.
Tolerance Petition Section II,
Dietary Exposure Branch,
Health Effects Division. (H7509C).

THROUGH: Debra F. Edwards, Ph.D., Section Head.
Tolerance Petition Section II,
Dietary Exposure Branch,
Health Effects Division. (H7509C).

TO: Hoyt Jamerson, PM #43.
Minor Uses Officer,
Registration Support Branch,
Registration Division (H7505C).

Background:

Dr. W. L. Biehn, Associate Coordinator, and Dr. R. H. Kupelian, National Director of The Interregional Project 4 (IR-4), State Agricultural Experiment Station, Rutgers University, New Brunswick, NJ, on behalf of IR-4 project, and the Agricultural Experiment Station of Florida requested the establishment of a tolerance for the residues of the pesticide chemical cyromazine, N-cyclopropyl-1,3,5-triazine-2,4,6-triamine, and its metabolite melamine, 1,3,5-triazine-2,4,6-triamine, calculated as cyromazine in or on the raw agricultural commodity chinese mustard at 5.0 ppm.

DEB completed an initial review of this petition (see memo of L. Rodriguez, 2,22,90) and recommended against the establishment of the proposed tolerance at 5.0 ppm because the available residue data showed that the proposed tolerance will not allow for the detection of misuse of the pesticide, and that a lower tolerance of 3 ppm will be more adequate. The petitioner was asked to submit a revised section F proposing a more adequate tolerance.

DEB's Conclusions/Comments:

The revised tolerance is considered adequate to cover residues resulting from the proposed use of the pesticide and for detection of misuse of the product.

DEB's Recommendations:

The remaining deficiency pertaining to this petition has been resolved. Dietary exposure considerations permitting, DEB recommends for the establishment of a tolerance for the residues of the pesticide chemical cyromazine, N-cyclopropyl-1,3,5-triazine-2,4,6-triamine, and its metabolite melamine, 1,3,5-triazine-2,4,6-triamine, calculated as cyromazine in or on the raw agricultural commodity chinese mustard at 3.0 ppm.

Present Considerations:

The following deficiency, remaining as of February 22, 1990, is under consideration. The deficiency is cited below, along with the response from the petitioner and the corresponding DEB comments/conclusion regarding the status of the deficiency.

Deficiency:

Based on the available residue data, DEB considers that the proposed tolerance will not allow for the detection of misuse of the pesticide, and that a lower tolerance of 3 ppm will be more adequate. The petitioner must submit a revised section F proposing a more adequate tolerance.

Petitioner's response:

The petitioner has submitted a revised section F for this petition proposing the establishment of a tolerance for the residues of the pesticide chemical cyromazine, N-cyclopropyl-1,3,5-triazine-2,4,6-triamine, and its metabolite melamine, 1,3,5-triazine-2,4,6-triamine, calculated as cyromazine in or on the raw agricultural commodity chinese mustard at 3.0 ppm.

DEB's Comments/Conclusions:

The revised tolerance is considered adequate to support the proposed use of the pesticide and for detection of misuse of the product. DEB considers this deficiency resolved and recommends for the establishment of the proposed tolerance.

cc: RF, SF, Circ, PP#9E3791, L. Rodríguez, R.D. Schmitt, J. Kariya (DRES/SACB), C, Furlow (PIB/FOD)
RDI:D.F.Edwards:3/30/90:R.Loranger:3/30/90
H7509C:DEB:L.Rodriguez:lr:3/30/90:CM#2:RM800D:557-0934