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

JUN 19 1991

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: PP#1F3993. Metalaxyl. Tolerance petition for residues in cereal grains, soybeans, potatoes, peanuts, cottonseed, sunflower seed, and hops. Evaluation of residue data and analytical methodology. CBTS # 9011. HED # 2-0630. DP Barcode D169779. MRID #'s 418703-01, -02, -03, -04, -05, -06, -07, -08.

FROM: José J. Morales, Chemist
Tolerance Petition Section II
Chemistry Branch I -- Tolerance Support
Health Effects Division (H7509C)

THROUGH: Debra Edwards, Ph.D., Acting Chief
Chemistry Branch I -- Tolerance Support
Health Effects Division (H7509C)

TO: Susan Lewis, PM 21
Registration Division (H7505C)
and
Toxicology Branch I
Health Effects Division (H7509C)

CIBA-GEIGY Corp., Agricultural Chemicals Division, is requesting an amendment to 40 CFR 180.408 by establishing tolerances for the combined residues of the fungicide metalaxyl and its metabolites in or on the following raw agricultural commodities: cereal grains, grains at 0.1 ppm (replacing grain, crops at 0.1 ppm); cereal grains, fodder at 1.0 ppm; cereal grains, forage at 1.0 ppm; and soybean, hay at 8.0 ppm; soybean, forage at 8.0 ppm; and soybean, straw at 8.0 ppm.

With the exception of a revised Section F proposing tolerances for soybean and hops, these residue data were previously reviewed by Acurex Corporation under the supervision of CBRS (L. Cheng's memo of 6/1/92, MRID#'s 418703-01 through -07).

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A copy of the Acurex (CBRS) review is attached to this document.

The following tolerances were proposed for soybeans and hops in a revised Section F:

Soybeans

The petitioner submitted a revised Section F, where tolerances of 8.0 ppm for soybean, forage; 8.0 ppm for soybean, hay; and 8.0 ppm for soybean, straw; are proposed for metalaxyl and its metabolites containing the 2,6-dimethylaniline moiety, and N-(2-hydroxymethyl-6-methyl)-N-(methoxyacetyl)-alanine methylester, each expressed as metalaxyl. This satisfies the requirements of the Registration Standard of 6/22/87.

Hops

The petitioner submitted a revised Section F, in which an amendment to 40 CFR 186.4000 is requested by proposing a tolerance of 20.0 ppm in hops, dry for metalaxyl and its metabolites containing the 2,6-dimethylaniline moiety, and N-(2-hydroxymethyl-6-methyl)-N-(methoxyacetyl)-alanine methylester, each expressed as metalaxyl. This satisfies the requirements of the Registration Standard Update of 3/12/91.

For other conclusions and recommendations on this submission, refer to pp. 2-4 of the attached Accurex review.

cc: SF, RF, Circu., C. Furlow (PIB/FOD), José J. Morales, E. Haeberer, Michael T. Flood, PP#1F3993.

H7509C: Reviewer (JJM): CM#2: Rm 812-D: 305-5010: typist (JJM): 6/6/92.

RDI: E. Haeberer (6/6/92): M. Flood (6/6/92): R. Loranger (6/6/92)