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OFFICIAL RECORD  
 HEALTH EFFECTS DIVISION  
 SCIENTIFIC DATA REVIEWS  
 EPA SERIES 361

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCESMEMORANDUM

SUBJECT: FAP# 7H5532. Metalaxyl (Ridomil) on Hops.  
 Revised Sections B and F. DEB No. 4630.  
 No MRID Number.

FROM: Stephanie H. Willett, Chemist *SHW*  
 Tolerance Petition Section 2  
 Dietary Exposure Branch  
 Health Effects Division (TS-769C)

THRU: John H. Onley, Ph.D., Section Head *John H. Onley*  
 Tolerance Petition Section 2  
 Dietary Exposure Branch  
 Health Effects Division (TS-769C)

TO: Lois A. Rossi/Mario Fiol, PM 21  
 Fungicide-Herbicide Branch  
 Registration Division (TS-767C)  
 and  
 Toxicology Branch, Herbicide-Fungicide Support  
 Health Effects Division (TS-769C)

Background

Ciba-Geigy Corporation requested the establishment of a tolerance for the combined residues of the fungicide metalaxyl [N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester] and its metabolites containing the 2,6-dimethylaniline moiety, and N-(2-hydroxymethyl-6-methyl-phenyl)-N-(methoxyacetyl)alanine methyl ester, each expressed as metalaxyl in or on dry hops at 10.0 ppm and spent hops at 10.0 ppm. Several deficiencies were cited in the initial review by DEB, thus placing the petition in reject status (see memo of N. Dodd dated July 28, 1987). After review of an amendment dated August 10, 1987, DEB allowed for the establishment of a 50 ppm tolerance on these commodities with the conditions that all deficiencies be addressed within one year (see memo of N. Dodd dated August 26, 1987). The review of a November 9, 1987 amendment concluded that all deficiencies had been addressed except those pertaining the need for additional residue and storage stability data (see memo of S. Willett dated February 5, 1988). Additional data were submitted, and it was

concluded that revisions to Sections B and F would be needed for a favorable decision by DEB (see memo of S.H. Willett, 9/28/88). The interim tolerance has an expiration date of October 28, 1988.

Summary of Deficiencies Remaining to be Resolved

None

Conclusions and Recommendations

DEB concludes that all matters pertaining to the residue chemistry requirements for this petition have been sufficiently addressed with the submission of the revised Sections B and F.

DEB now recommends for the establishment of a tolerance for the combined residues of metalaxyl [N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester] and its metabolites containing the 2,6-dimethylaniline moiety, and N-(2-hydroxymethyl-6-methyl-phenyl)-N-(methoxyacetyl)alanine methyl ester, each expressed as metalaxyl in or on dry and spent hops at 20.0 ppm.

Present Considerations

This submission consists of a revised Section B/label and a revised Section F. The label now stipulates a 14 day PHI, and the proposed tolerance level for metalaxyl and its major metabolites is now 20 ppm, as suggested by DEB.

cc: RF, SHWillett, FAP#7H5532, TB-TAS, PMSD/ISB (Eldredge), SF  
TS769C:RCB:CM#2:RM800:X1669:SHW:shw-10/17/88  
RDI: J.H. Onley, 11/17/88: R.D. Schmitt, 11/17/88