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

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP# 8E3621. Phosmet on Crabapples. Revised Section F.
No MRID Number. RCB No. 4031.

FROM: Stephanie H. Willett, Chemist *SHW*
Tolerance Petition Section 2
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

TO: Hoyt Jamerson, PM 43
Registration Division (TS-767C)
and
Toxicology Branch
Hazard Evaluation Division (TS-769C)

THRU: John H. Onley, Ph.D., Section Head *John H. Onley*
Tolerance Petition Section 2
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

Background

IR-4 and the Agricultural Experiment Station of California proposed a tolerance of 15 ppm of Phosmet [N-(mercaptomethyl) phthalimide S-(O,O-dimethylphosphorodithioate)] and its oxygen analog [N-(mercaptomethyl)phthalimide S-(O,O-dimethylphosphorothioate)] on crabapples in the subject petition. This tolerance with regional registration is for use only in California. In the initial review, the tolerance level of 15 ppm was found to be inadequate, and thus a revised Section F was requested by RCB (see review of S.H. Willett, dated May 6, 1988). No other deficiencies were cited.

Tolerances for Phosmet and its oxygen analog are established for several commodities at levels of 0.1 to 40 ppm in 40 CFR 180.261. Food additive tolerances have also been established at levels ranging from 0.1 to 0.2 ppm in 21 CFR 193.275.

Conclusions and Recommendations

RCB concludes that all residue chemistry deficiencies in this petition have been resolved as a result of this submission. If TB and EAB considerations permit, RCB now recommends for the establishment of a tolerance of 20 ppm of Phosmet and its oxygen analog on crabapples.

Present Considerations

The petitioner has submitted a revised Section F for Phosmet on crabapples. The Section F now proposes a tolerance of 20 ppm for Phosmet and its oxygen analog on crabapples as requested by RCB.

TS769C:RCB:RM810:SHW:X1669:shw-7/7/88
cc: Circ, RF, PP#8F3621, Willett, PMSD/ISB (E. Eldredge)
RDI: J.H. Onley, 7/7/88; R.D. Schmitt, 7/7/88