11-21-83

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

NOV 21 1983

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP#3F2887: Bayleton in Stone Fruits, Sugar Beets, and Cucurbits. Amendment of 10/13/83.

FROM: Alfred Smith, Chemist
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

THRU: Charles L. Trichilo, Chief
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

TO: Henry M. Jacoby, Product Manager #21
Herbicide-Fungicide Branch
Registration Division (TS-767)

and
Toxicology Branch
Hazard Evaluation Division (TS-769)

The amendment contains a revised tolerance for residues of the fungicide Bayleton, 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone and its metabolite beta-(4-chlorophenoxy)-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazol-1-ethanol of 0.5 ppm in sugar beets.

The revised tolerance is in response to a suggestion in our memo of 9/12/83. This revision resolves the question raised on residues in sugar beets [Conclusion 3(b)].

Recommendation

TOX and EFB considerations permitting, we recommend for the proposed tolerances as follows.

Apricots, Peaches, Nectarines, Plums (fresh prunes)	4.0 ppm
Cucurbits	0.3 ppm
Sugar Beets	0.5 ppm
Sugar Beet Tops	3.0 ppm

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Recent residue data for sugar beet tops indicate that all tolerances (established and pending) are more appropriately expressed in terms of Bayleton and its metabolites containing the chlorophenoxy and triazole moieties. The appropriate CFR section should be revised to reflect this change. The residue levels of established tolerances will not be significantly affected by this change.

cc: R.F., Circu, Reviewer, TOX, EEB, EAB, Robert E. Thompson
PP#3F2887
RDI:Section Head:RSQuick:Date:11/17/83:RDSchmitt:Date:11/17/83
TS-769:RCB:Reviewer:A.Smith:557-7377:LDT:CM#2:RM:810:Date:11/18/83