



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

10-26-82

OCT 26 1982

MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: PP#2F2704: Bayleton in Grasses. Amendment of
9/13/82

FROM: ^{as} 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
Fungicide-Herbicide Branch
Registration Division (TS-767)

and

Toxicology Branch
Hazard Evaluation Division (TS-769)

The amendment contains revised tolerance proposals for combined 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-triazole-1-ethanol as follows.

Seed grass cleanings, including hulls	145 ppm
Seed grass straw, including chaff	105 ppm
Grass forage	0.2 ppm

The amendment also contains revisions in the labelling which permit the grazing of regrowth after an interval of 77 days following the last application. The residue data resulting from this restriction indicate that residues in the regrowth will be adequately covered by the proposed 0.2 ppm tolerance for grass forage.

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Residues will result in milk, meat, fat, and meat byproducts of livestock [§180.6(a)(1)]. However, such residues will be adequately covered by the tolerances proposed in PP#2F2665.

The revisions are in accord with suggestions in our memo of 9/9/82 and resolve the questions raised in Conclusion 3(c).

Recommendation

TOX and EEB considerations permitting, we recommend for the proposed tolerances.

This recommendation is contingent upon the results of a method trial currently underway (see PP#1F2474). These tolerances should be established at the same time as the meat, milk, poultry and egg tolerance proposed in PP#2F2665 are established.

cc: R.F., Circu, Reviewer, FDA, PP# No. 2F2704: TOX, EEB, EFB,
Robert E. Thompson

RD:Section Head:RSQ:Date:10/19/82:RDS:Date:10/22/82

TS-769:RCB:Reviewer:A.Smith:LDT:X77377:CM#2:RM:810:Date:10/25/82

INTERNATIONAL RESIDUE LIMIT STATUS

SMITH; A

12/24/83

CHEMICAL BAYLETON (Triadimefon)

PETITION NO. 2F2704

CCPR NO. 133

Codex Status

☒ No Codex Proposal
Step 6 or above

Residue (if Step 9): _____

Crop(s) Limit (mg/kg)

none (on grass)

Proposed U. S. Tolerances

1-(4-CHLOROPHENOXY)-3,3-DIMETHYL-
1-(1H-1,2,4-TRIAZOL-1-YL)-2-BUTANONE
AND ITS METABOLITE BETA-(4-CHLORO-
PHENOXY)-ALPHA-(1,1-DIMETHYLETHYL)-H-
1,2,4-TRIAZOLE-1-ETHANOL.
Residue: _____

Crop(s) Tol. (ppm)

SEED GRASS CLEANINGS, INCLUDING HULLS	145 ppm
SEED GRASS STRAW, INCLUDING CHAFF	105 ppm
GRASS	0.2 ppm

CANADIAN LIMIT

Residue: _____

Crop Limit (ppm)

none

MEXICAN TOLERANCIA

Residue: _____

Crop Tolerancia (ppm)

none

Notes: