



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

FEB 24 1984

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM:

SUBJECT: EPA Reg. No. 7969 - LI. Poast® on forage legumes
and fallow land.

FROM: Linda S. Propst, Chemist
Residue Chemistry Branch
Hazard Evaluation Division

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

TO: Robert Taylor, PM 25
Fungicide-Herbicide Branch
Registration Division (TS-767)

Linda S. Propst

CT

The Agricultural Chemicals Group, BASF Wyandotte Corporation had previously requested an amended registration for Poast® Herbicide to be used on legume cover crops and fallow land.

In our memo of 8/8/84 (L.S. Propst), we deferred to EAB concerning the presence of residues in the soil at the time of planting subsequent crops, following treatment of the soil with Poast® on fallow land.

EAB has informed us (see memo of Emil Regelman, 2/14/84) that following the application of Poast® herbicide at rates of 0.75 lb a.i./acre and greater, detectable residues of parent and major degradate may be present in some soils under field conditions up to one year post application.

Since there are measurable residues present in the soil up to one year post application, we consider this to be a food use and will require tolerances for residues in the subsequent crop.

CONCLUSIONS AND RECOMMENDATIONS

Residues of Poast® (2-[1-(ethoxyimino)butyl]-5-[2-(ethythio)propyl]-3-hydroxy-2-cyclohexen-1-one will be present in some soils under field conditions up to one year after being treated with 0.75 lb a.i./acre of Poast®.

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Therefore, we consider the proposed use a food use and recommend against the proposed amended registration. The registrant should be informed that for a favorable recommendation we will require residue data along with appropriate tolerance proposals on any subsequent crop planted.

cc: Reading File
Circulation
Reviewer
Subject File
Amended Use File

TS-769:RCB:L.S.Propst:lsp:X77324:CM#2:Rm 810: 2/24/84
RDI: A.R.Rathman, 2/23/84; R.D.Schmitt, 2/24/84

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