PMSD/ISB 1-28-86
0398

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

JAN 28 1986

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES

EXPEDITE

MEMORANDUM

Subject: PP#6F3316. Fenoxaprop-ethyl (HOE 33171) on Soybeans and Rice. Method Trial Request.

From: Nancy Dodd, Chemist *Nancy Dodd*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

Thru: Charles L. Trichilo, Ph.D., Chief
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

To: Donald A. Marlow, Chief
Chemical Operations Branch
Benefits and Use Division (TS-768)

Note: This request should receive expeditious considerations in accordance with a letter of 11/1/85 from Mr. D. Campt, Director, Registration Division.

American Hoechst Corporation is proposing tolerances for fenoxaprop-ethyl (HOE 33171) and its metabolites 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoic acid (HOE 53022) and 6-chloro-2,3-dihydrobenzoxazol-2-one (HOE 54014) in/on soybeans, rice, and rice straw. American Hoechst Corporation has proposed that the attached method #AL3/84 be used as the enforcement method for analysis of soybeans and rice. A method trial is requested for three chemicals on one commodity. Samples should be run in duplicate at the requested fortification levels (see pages 3 and 4 of this request). Two copies of the appropriate method, along with recoveries and sample chromatograms, are attached.

Please return the requested information on the attached forms and any other information concerning the method trial that RCB should be aware of, including copies of chromatograms for representative controls, fortified samples, and standard curves. Also submit examples of sample calculations.

The analytical reference standards are available at the Repository in RTP, NC (Telephone No. 919-541-3951).

Note: It is now the policy of the Agency to request a method trial as soon as possible after the petitioner has submitted his request for tolerances. Thus, after final considerations have been given to this petition and subsequent amendments, an additional method trial for fenoxaprop-ethyl may be needed at some later date.

Attachment: Analytical Method #AL3/84 (send to D.Marlow only)

cc: RF, Circu., N.Dodd, R.Thompson (RTP-NC), PP#6F3316, PM #23, K.Kissler, W. Bontoyan, MTO File, PMSD/ISB.
RDI:J.H.Onley:1/27/86:R.D.Schmitt:1/27/86
TS-769C:RCB:CM#2:RM810:X1681:N.Dodd:ndd:1/27/86

Method: "Hoe 33171, Residue Determination in Biological Material": Method #AL3/84

Do not use control values for recovery corrections.

Do not report control values as 0; if less than the limit of detection, report as such.

Commodity	Chemical Added	PPM Added	PPM Found	% Recovery
soybeans	HOE 33171	0.05		
		0.10		
soybeans	HOE 53022	0.05		
		0.10		
soybeans	HOE 54014	0.05		
		0.10		

Method of Analysis for Fenoxaprop-ethyl (HOE 33171) and its Metabolites HOE 53022 and HOE 54014 in/on Soybeans and Rice

Modifications to method (major or minor):

Special precautions to be taken:

Source of analytical reference standards:

If derivatized standard used, give source:

Instrumentation for quantitation:

Instrumentation for confirmation:

If instrument parameters differ from method given, list parameters used.

Commercial source for any special chemicals or apparatus:

Comments:

Chromatograms: