



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

PMSD/ISB
1451

MAR 17 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP #6F3431. DPX-M6316 (Harmony) on wheat and barley.
Method Trial Request

FROM: Cynthia Deyrup, Ph.D., Chemist
Tolerance Petition Section 2
Residue Chemistry Branch
Hazard Evaluation Division (TS-769) *John Only for*

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

TO: Donald A Marlow, Chief
Chemical Operations Branch, BUD (TS-768)

E.I. du Pont de Nemours & Company (Inc.) is proposing tolerances for DPX-M6316 on wheat and barley.

In your 10/31/86 memo, you pointed out the difficulties encountered in attempting to carry out a method trial of E.I. du Pont de Nemours & Co.'s Method No. AMR-235-84 for Harmony on wheat and barley. DuPont has now submitted revised copies of its methodology. Therefore, a method trial on the revised methodology is requested for one chemical on two commodities. Samples should be run in duplicate at the requested fortification levels (see attached table). 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 we should be aware of including copies of chromatograms for representative controls and fortified samples, standard curves, and examples of sample calculations.

The standard for DPX-M6316 is available at the EPA Repository (FTS 629-3951). The Repository code is F-855.

The Registration Division "projected return date" for this action is unknown at this time. You may want to contact the Registration Division on the priority of this action.

Please forward results of this method trial directly to C. Deyrup.

Attachment: Two copies of methods
TS769:RCB:C.Deyrup:cd:CM#2:Rm810:x77484
cc: (with Attachment): Don Marlow only
cc: (without Attachment): RF, Circ., M.Bradley,
PP#6F3431, PM#25, W.Bontoyan, MTO F., A. Barton/HED
RDI: JH Onley:3/16/87:RDSchmitt:3/16/87

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Method: Document No. AMR-646-86, Analysis of the herbicide DPX-M6316 in wheat or barley grain by liquid chromatography. and Document No. AMR-761-87, Analytical Method for residues of DPX-M6316 in Wheat and Barley Straw.

Do not use control values for recovery corrections.

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

<u>Commodity</u>	<u>Chemical Added</u>	<u>PPM added</u>	<u>PPM found</u>	<u>% Recovery</u>
Wheat grain	DPX-M6316	0.05 0.10		
Wheat straw	DPX-M6316	0.05 0.10		

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USE SEPARATE FORM FOR EACH METHOD

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:

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