

199051  
RECORD NO.

115601  
SHAUGHNESSEY NO.

REVIEW NO.

EEB REVIEW  
DATE: IN 7-09-87 OUT 7/14/87

FILE OR REG. NO. 352-LNO

PETITION OR EXP. NO.

DATE OF SUBMISSION 6-23-87

DATE RECEIVED BY HED 7-8-87

RD REQUESTED COMPLETION DATE 7-15-87

EEB ESTIMATED COMPLETION DATE 7-15-87

RD ACTION CODE/TYPE OF REVIEW 110

TYPE PRODUCT(S) : I, D, H, F, N, R, S Herbicide

DATA ACCESSION NO(S).

PRODUCT MANAGER NO. R. Mountfort (23)

PRODUCT NAME(S) DPX-L5300 (Express Herbicide)

COMPANY NAME Du Pont

SUBMISSION PURPOSE New Chemical/First Food Use Screen

SHAUGHNESSEY NO. CHEMICAL, & FORMULATION 8 A.I.



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

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: E.I. du Pont de Nemours and Company, Inc./ EPA File  
Symbol 352-LNO (Express Herbicide): New Chemical/First  
Food Use Screen

FROM: John L. Noles, Biologist *John L. Noles*  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769C) 7/14/87

THRU: Henry T. Craven, Section Head IV *Henry T. Craven*  
Ecological Effects Branch 7/14/87  
Hazard Evaluation Division (TS-769C)

THRU: Michael W. Slimak, Branch Chief *Michael W. Slimak*  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769C) 7/14/87

TO: Richard Mountfort, PM 23  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

EEB has reviewed (screened) the document package supporting the use of Express Herbicide (DPX-L5300): EPA File Symbol 352-LNO on wheat and barley. The package documented two freshwater fish acute studies which were screened for validity. The studies are necessary to support the basic registration requirements. Other basic requirements were found to be acceptable when previously submitted in support of an experimental use permit. The fish studies were found to be valid and acceptable only as supplemental data. There were noticeable protocol deviations (e.g., number of fish tested were less than the recommended quantity) and inadequate information reporting (e.g., dilution water chemical characteristics, test material solubility and behavior when introduced in lower pH dilution water, etc.,). The studies must be repeated and fully reported in order to be reevaluated as Core Guideline.

Nontarget plant phytotoxicity studies (Part 158.150 Guideline Reference 122-11: Seed germination/seedling emergence and vegetative vigor) may also be required in order to register the proposed food crop uses. EEB files indicate that certain environmental fate data (i.e., vapor pressure) has not been submitted or is not available to make a determination for nontarget plant phytotoxicity data requirement. If the PM has recently received or has knowledge of vapor pressure data, a determination for the data requirement can be made. If the pesticide's vapor pressure is equal to or less than  $10^{-5}$  mm Hg, the phytotoxicity studies shall be required. Otherwise, the environmental fate data must be submitted before phytotoxicity data requirements can be considered.

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NEW CHEMICAL/FIRST FOOD USE SCREEN

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1. FILE SYMBOL/REG NO. (RSERB) 352-LN0
2. TOLERANCE PETITION NO. (RSERB) 7F3540
3. CHEMICAL NAME (RSERB) DPX-L5300
4. PESTICIDE CHEMICAL CODE (RSERB) 128887-7
5. PRODUCT NAME (RSERB) Express Herbicide
6. PM (RSERB) 23 7. PM TEAM REVIEWER (PM) Mountfort
8. DATE OF RECEIPT (RSERB) 6/23/87
9. USE PATTERN (PM) Wheat and barley
10. DATE OF TRANSMISSION TO PM (RSERB) 7/6/87  
(EPA Receipt Date Plus 3 Days)
11. DATE OF TRANSMISSION TO HED (PM) 7/9/87  
(PM Receipt Date Plus 5 Days)
12. HED DUE DATE FOR COMPLETION OF SCREEN (RSERB) 7/15/87  
(HED Receipt Date Plus 7 Days)
13. HED REVIEWER (HED) John Noles EEB
14. HED REVIEW COMPLETION DATE (HED) 7/14/87  
(EPA Receipt Date Plus 45 Weeks)
15. RECORD NUMBER (PM) \_\_\_\_\_

REGISTRANT PHONE CONTACT INFORMATION (PM)

Date of Contact \_\_\_\_\_

Person Contacted \_\_\_\_\_  
Title \_\_\_\_\_

Decision & Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATUS OF PACKAGE

☐ Passed Screen

☒ Failed Screen  
(Documentation attached)

4

RECEIVED  
 3/25/85

14. CHECK APPLICANCE <input type="checkbox"/> Federal Agency <input type="checkbox"/> State Agency <input type="checkbox"/> National Laboratory		TO BE COMPLETED BY PM	
		1. RECORD NUMBER	
		2. REFERENCE NUMBER	
		3. DATE RECEIVED (EPA)	
		4. STATUTORY DUE DATE	
		TO BE COMPLETED BY PCB	
		5. DATE SENT TO HED/TSS	
		6. PRIORITY NUMBER	
		7. PROJECTED RETURN DATE	

15. INSTRUCTIONS TO REVIEWER

A. HED ☐ Total Assessment - 3(c)(5)

☐ Incremental Risk Assessment - 2(c)(7) and/or E.L. Johnson memo of May 12, 1977.

B. SPRD (Send Copy of Form to SPRD PM)

☐ Chemical Undergoing Active RPAR Review.

☐ Chemical Undergoing Active Registration Standards Review

F. INSTRUCTIONS

Screen new chemical application. See EEB review of 6/25/85 for 352-EUP-R6N.

16. RELATED ACTIONS

17. 3(c)(1)(D)

☐ Use Any or All Available Information ☐ Use Only Attached Data

☐ Use Only the Attached Data for Formulation and Any or All Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO

☐ TB ☐ EEB ☐ EF ☐ PL

☐ RCB ☐ EFB ☐ CH ☐ BFSD

19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	✓ ECOLOGICAL EFFECTS	1							
	RESIDUE CHEMISTRY								
	ENVIRONMENTAL DATA								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFSD	ECONOMIC ANALYSIS							5	

20. ☐ Label Submitted with Application Attached

21. ☐ Confidential Statement of Formula

22. ☐ Representative Labels Showing Accepted Uses

23. Date Returned to RD (to be completed by HED)

24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.