236483, 236484, 236485
RECORD NUMBER

PESTICIDE CHEMICAL CODE

REVIEW NUMBER

ECOLOGICAL EFFECTS BRANCH REVIEW

DATE: IN 12-15-88 OUT 12-30-88

FILE OR REG. NO. 352-LNO,352-LRU

PETITION OR EXP NO. 7F3540

DATE OF SUBMISSION 12-5-88

DATE RECEIVED BY HED 12-14-88

RD REQUESTED COMPLETION DATE 1-6-88

EEB ESTIMATED COMPLETION DATE 1-6-88

RD ACTION CODE/TYPE OF REVIEW 000 (New Chemical Screen)

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

DATA ACCESSION NO(S). 407805-11, -12, & -13
PRODUCT MANAGER NO. R. Mountford (23)

PRODUCT NAME(S) DPX-L5300/Express

COMPANY NAME DuPont

SUBMISSION PURPOSE New Chemical Screen Follow-up to previous screen review for use on wheat and barley plus registration of technical product

PESTICIDE CHEMICAL CODE	CHEMICAL AND FORMULATION	% A.I.

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

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA File Symbol 352-LNO and 352-LRU; Express Herbicide (DPX-L5300); New Chemical Screen Follow-up.

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

FROM: Jim Ackerman, Chief
for Ecological Effects Branch
Environmental Fate and Effects Division (TS-769C)

Douglas J. Urban 12/30/88

EEB has reviewed the resubmitted data in connection with the New Chemical Screen for the above referenced product. The registrant has responded to the previous EEB review of two freshwater fish acute toxicity studies (Guideline Ref. No. 72-1). The studies were evaluated as Supplemental based on inadequate reporting of experimental details (i.e., water chemistry descriptions, protocol citation, and actual measurements in test systems where plastic mesh was used to control aggressive fish behavior). Water chemistry descriptions were submitted and found to be adequate by EEB. Protocol citations were the registrant's own aquatic toxicity standard operating procedure which is scientifically sound. EEB will accept the registrant's citation of its own protocol because it is consistent with routinely cited EPA and/or ASTM protocols. Last, the registrant submitted a repeated rainbow trout acute study to address EEB concerns of possible toxicant absorption by plastic mesh used to control fish behavior. The repeated study, conducted without the plastic mesh, similiarly concluded that pesticide is practically nontoxic to rainbow trout (LC50 > 1000 mg/l).

EEB's evaluation of the resubmitted data justifies the reclassification of the studies to Core Guideline.

John Noles
John Noles, Biologist
Ecological Effects Branch

12/28/88

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