



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

MAR 3 1989

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Registration of Asana<sup>R</sup> XL Insecticide; DuPont's  
Memorandum on January 13, 1989 Meeting.

ID NO(S). 352-485, 352-486, 352-496, 352-502, 352-503,  
352-515  
DEB NO(S). 4923, 4924  
MRID NO(S). 409390-1,-2

FROM: H. Fonouni, Ph.D., Chemist *H. C. Fonouni*  
Dietary Exposure Branch  
Health Effects Division (H7509C)

TO: G. LaRocca, PM 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

THRU: J. Onley, Ph.D., Section Head *J. Onley*  
Tolerance Petition Section II  
Dietary Exposure Branch  
Health Effects Division (H7509C)

Recently, January 13, 1989, representatives of DuPont (D. Wustner, N. Redfearn, P. Lee) met with members of OPP (J. Onley and H. Fonouni, DEB; J. Hauswirth, TOX; S. Stanton, SACB; A. Haywood, RD) to discuss issues pertaining to DuPont's plan to replace the pyrethroid insecticide Pydrin<sup>R</sup> 2.4 EC with Asana<sup>R</sup> XL 0.66 EC for uses on various food crops. The former formulation contains a racemic mixture, fenvalerate, composed of approximately equal amounts of four enantiomers as the active ingredient where as the latter product contains predominantly (80%) the insecticidally active enantiomer, (SS)-fenvalerate. Topics discussed included nature and magnitude of the residues in plants and animal commodities, selection of an appropriate acceptable daily intake, established and pending tolerances, tolerance assessment, and an Asana<sup>R</sup> "parity" label which would allow for registration of all the currently registered Pydrin<sup>R</sup> food uses.

(2)

DuPont has submitted a memorandum based on the issues discussed at the meeting. In addition, supplementary information/data have been provided, refer to the Attachment (page 3). DEB defers comments on the conclusions reached by the petitioner and reflected in the submitted memorandum of meeting, until the issue involving the Asana<sup>R</sup> label is addressed by the Agency, and the additional comparative field residue data requested by DEB are submitted. Further, the submitted attachments will be kept on file awaiting resolution of aforementioned issues prior to review of sections which are in the purview of DEB.

Attachment: List of Supplementary Information Provided by DuPont

cc: Pydrin<sup>R</sup> (Fenvalerate), S.F., R.F., Amended Use File, PMSD/ISB (E. Eldredge), Circu.

RDI: Section Head: JHOnley: 2/28/89: RALoranger: 2/28/89

H7509C: DEB: Reviewer (H. Fonouni): Typist (hf): CM#2: Rm. 803:  
557-7561: 3/1/89