Monsanto

FROM (NAME & LOCATION): O. Hicks - T2F

DATE : October 18, 1976

SUBJECT : Tissue Residue Study
MCS-1558, MCS-1560 & MCS 1826

REFERENCE :

CC: R. E. Keller - T1B
W. J. Litschgi - T3E
J. P. Mieure - T2F
Q. E. Thompson - T3E

TO : M. W. Stevens - A2SC

The pilot feeding study rat fat samples for the above listed products has been completed. The data are as follows:

	CONCENTRATION FOUND (PPM IN 14 DAY SACRIFICE)		
	MCS-1558	MCS-1560	MCS-1826
FEED LEVEL			
25	0.5	0.9	0.5
100	3.2	4.0	1.9
500	5.9	34	9.1

The reproducibility of our procedure at the lower feeding level would suggest the two higher feeding levels should be used for the 30 day feeding study. Some change in ratio of the isomers was observed in MCS-1558 and MCS-1560, indicating selective bioconcentration.

Orville Hicks

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