STATUS REPORT TO

MONSANTO COMPANY

TWO-YEAR CHRONIC ORAL TOXICITY STUDY WITH
AROCLOR 1254
IN BEAGLE DOGS

DECEMBER 10, 1970

IBT NO. C7299

After 18 months of a proposed two-year chronic oral toxicity study of Aroclor 1254 administered to purebred beagle dogs at dietary levels of 1, 10 and 100 ppm, the following abnormalities have been noted:

1) Males receiving 100 ppm and females receiving 100 or 10 ppm have displayed weight gains lower than those for untreated controls.

2) Two fatalities have occurred: a 100 ppm female after 33 weeks of testing and a 10 ppm female after 37 weeks. The 100 ppm female died from traumatic injuries received in a fight; gross and histologic examinations revealed no significant abnormalities. Gross and histologic examinations of the 100 ppm female revealed moderate chronic peritonitis.

No significant abnormalities have been noted in the remaining parameters:

Food Consumption
Behavioral Reactions
Hematologic Studies
Blood Chemistry Studies
Urine Analyses