(4)

MONSANTO COMPANY

STATUS SUMMARY

TWO-YEAR CHRONIC ORAL TOXICITY OF AROCLOR 1242 IN BEAGLE DOGS

I. Outline of Investigation

A. Type and Length: Two-Year Chronic Oral Toxicity

B. Animal Species Tested: Pure-Bred Beagle Dogs

C. Number of Animals: 32

D. Starting Date: May 23, 1969

E. Status of this Report: 33 weeks (January 12, 1970)

F. Organization:

Group	Number of Animals Male	Female	Dietary Level of Aroclor 1242* (ppm)
Control	4	4	None
Test I	4	4	1
Test II	4	4	10
Test III	4	4	100

* Voluntary oral ingestion; ad libitum feeding of graded levels of test material in diet.

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II. Results

A. Body Weights

Mean body weight gains (kg) after 33 weeks of testing are as follows:

	Males	Females
Control	2.9	2.7
Test I	4.4	3.0
Test II	2.0	2.4
Test III	3.7	2.3

Body weight values for the Untreated Control Group and the three test groups compare favorably.

B. Food Consumption

Average food consumed per week (g/kg of body weight) during the first 33 weeks of testing is as follows:

	Males	Females
Control	265	278
Test I	272	269
Test II	232	268
Test III	254	261

No significant abnormalities have been noted at any of the levels tested.

C. Reactions

No untoward behavioral reactions have occurred at any levels tested thus far in the investigation.

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D. Mortality

No fatalities have occurred at any levels tested.

E. Hematologic Studies, Blood Chemistry Studies and Urinalyses

The results of these determinations, conducted at the 1, 3 and 6 month periods, have revealed no significant abnormalities at any levels tested.

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January 15, 1970

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