

(4)

MONSANTO COMPANY
STATUS SUMMARY
TWO-YEAR CHRONIC ORAL TOXICITY
OF
AROCLOL 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		Dietary Level of Aroclor 1242* (ppm)
	Male	Female	
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:

	<u>Males</u>	<u>Females</u>
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:

	<u>Males</u>	<u>Females</u>
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.

db
January 15, 1970

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