

WILDLIFE RESEARCH DIVISION

Truslow Farms Incorporated

LC₅₀ CALCULATIONS - FUMAZONE F

SPECIES: Mallard Ducks

ENDPOINT: Mortality

<u>Concentration</u> ppm	<u>Responding/No. In Group</u>
464.0	0.0/10.0
1000.0	0.0/10.0
2150.0	0.0/10.0
4640.0	2.0/10.0
10000.0	8.0/10.0

Probit = $-10.314 + 4.010 \text{ Log Conc.}$

D.F. = 1

Chi-Square = 0.5575

Litchfield and Wilcoxon Slope = 1.776

<u>P</u>	<u>Concentration</u> ppm	<u>Ninety-Five Per Cent</u> <u>Confidence Limits</u>	
		<u>Lower (ppm)</u>	<u>Upper (ppm)</u>
1	1734.3	754.6	3985.7
10	3159.9	1903.5	5245.6
50	6596.5	4744.6	9171.2
90	13770.4	7400.9	25621.7
99	25089.7	9585.2	65673.3

DO 132067
CONFIDENTIAL

WILDLIFE RESEARCH DIVISION

Truslow Farms Incorporated

LC₅₀ CALCULATIONS - DIELDRIN CONTROLS

SPECIES: Mallard Ducks

ENDPOINT: Mortality

<u>Concentration</u> ppm	<u>Responding/No. In Group</u>
68.1	0.0/10.0
100.0	5.0/10.0
147.0	7.0/10.0
215.0	8.0/10.0
316.0	10.0/10.0

Probit = $-3.741 + 4.201 \text{ Log Conc.}$ D.F. = 3 Chi-Square = 1.9518

Litchfield and Wilcoxon Slope = 1.730

<u>P</u>	<u>Concentration</u> ppm	<u>Ninety-Five Per Cent</u> <u>Confidence Limits</u>	
		<u>Lower (ppm)</u>	<u>Upper (ppm)</u>
1	33.6	16.6	67.7
10	59.6	38.1	93.1
50	120.3	95.6	151.4
90	242.9	166.7	353.9
99	430.6	231.0	802.6