

US EPA ARCHIVE DOCUMENT

004214

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Chemical & Biological Investigations Branch, TSD
Bldg. 402, ARC-East, Beltsville, Md. 20705

Biological Laboratories Report

From Region _____

Date June 9, 1975

S A M P L E I D E N T I F I C A T I O N	Sample #	MB 271	Code(s)	EPA Reg #	5202-RI	Establishment #		
	Product Name:	Brogdex 2-A,B						
	Manufacturer & Address	Brogdex Company Orlando, Florida						
	Physical Form	<input checked="" type="checkbox"/> Conc.	<input type="checkbox"/>	W.P.	<input type="checkbox"/>	P.S.	<input type="checkbox"/>	Aero. <input type="checkbox"/> Dust <input type="checkbox"/>
		<input type="checkbox"/>	Granular	<input type="checkbox"/>	Bait	<input type="checkbox"/>	Other	<input type="checkbox"/>
	Ingredients:	004214 2-aminobutane 29.0% Inert ingredients: 71.0%						

T E S T	Laboratory:	Animal Biology	Method:	TSD 1.206
	Type Test:	Static jar	Duration:	96 hour
	Test Organism(s):	R. trout (Salmo gairdneria)	Diluent:	None
	Source:	Wytheville National Fish Hatchery		
	Average Length:	41.3 mm	Average Weight:	.58 gm
	Fish/Jar:	10	Fish/Conc:	10
	Water Temperature:	12 °C	Conc. Tested:	5
	pH:	7.0	Dissolved O ₂ :	> 6 ppm
	Alkalinity:	41.04 ppm	Calcium Hardness:	17.1 ppm
	Test number:	842	Dissolved CO ₂ :	< 10 ppm

S
U
M
M
A
R
Y

Brogdex 2-A,B can not be expected to kill rainbow trout at a concentration of 180 ppm within 96 hours of exposure.

R
E
S
U
L
T
S

Brogdex 2-A,B. was added to vessels, each containing 10 rainbow trout to obtain concentrations of 180, 100, 56, 32, 18 and 10 ppm based on total formulation. No mortality occurred in the highest concentration tested during the 96 hour observation period.

Laboratory Supervisor: *John A. Melancon*

Tested by: *Fredrick E. Petcher*