

US EPA ARCHIVE DOCUMENT

7/8/79



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

BIOLOGICAL REPORT OF ANALYSIS

1. SAMPLE NO.	MB 598
2. DATE COLLECTED	N/A
3. REGION	N/A

SAMPLE IDENTIFICATION

4. LOT OR CODE NO(S)	N/A	5. EPA REGISTRATION NO.	N/A	6. ESTABLISHMENT NO.	N/A
7. PRODUCT NAME Pounce (Ambush)					
8. PRODUCER NAME AND ADDRESS (Include ZIP code)			9. DEALER NAME AND ADDRESS (Include ZIP code)		
N/A					

10. PHYSICAL FORM	EMULS. CONC.	PRESS. SPRAY	DUST	GRANULAR
	WET. POWDER	AEROSOL	BAIT	<input checked="" type="checkbox"/> OTHER brown liquid

11. INGREDIENTS
Pounce (tech) 94.4%

TEST

12. TYPE OF TEST 28 day life cycle Test # 2420	13. TEST ORGANISM(S) <u>Daphnia magna</u> Source: TABU stock colonies	14. METHOD NO. ASTM draft 4 modified
		15. DURATION 28 days
		16. CONCENTRATION 0.017-0.056ppb
		17. DILUENT acetone

18. SUMMARY
Concentration based on total formulation.
0.56 ppb - The total production of young per adult daphnia was significantly less than for the control (95% level)
0.14 ppb - The total production of young per adult daphnia was significantly greater than for the controls (95% level).
48 hour EC50 Pounce = .70 ppb

19. RESULTS

	Concentration in ppb							
Adult survival (%)	.56	.28	.14	.07	.035*	.017	SC	C
	90	100	90	90	65*	95	95	94
Average production per adult	56.5	62.8	74.5	69.7	73.3*	60.0	63.4	65

95% confidence range on 65 (57.3 - 72.7)
* Concentration of 0.035 ppb omitted from calculation due to large variance if included--no significant difference is detected--95% confidence range being (54-76).
ASTM Draft 4 modified, 4 beakers per concentration, 5 daphnia per beaker.

20. TESTER'S INITS.	21. SIGNATURE OF LAB SUPERVISOR	22. LABORATORY	23. DATE
JS	<i>John A. Shelton</i>	Terrestrial & Aquatic Biology	7/8/79

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Terrestrial & Aquatic Biology Unit
Building 288, ARC-East, Beltsville, Maryland 20705

DATE: August 15, 1979

SUBJECT: Request for Information on Pounce

FROM: John A. McCann *JAM*
Unit Supervisor

TO: Dick Balcomb
Hazard Evaluation Division

Thru: Warren Bontoyan, Branch Chief *WMB*
Chemical and Biological Investigations Branch

In response to your request for information on Pounce, we are enclosing copies of our test results.

If any further information is required, please contact the Terrestrial and Aquatic Biology Unit.