

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)

N/A

9. DEALER NAME AND ADDRESS (Include ZIP code)

10. PHYSICAL FORM

EMULS. CONC.

PRESS. SPRAY

DUST

GRANULAR

WET. POWDER

AEROSOL

BAIT

x

OTHER brown liquid

11. INGREDIENTS

Pounce (tech) 94.4%

TEST

12. TYPE OF TEST

28 day life cycle

Test # 2420

13. TEST ORGANISM(S)

Daphnia magna

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

	.56	.28	.14	.07	.035*	.017	SC	C
Adult survival (%)	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
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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

Terrestrial & Aquatic Biology

23. DATE

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 *WBB*
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.