11-15-76

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

BIOLOGICAL REPORT OF ANALYSIS

1. SAMPLE NO.	2. DATE COLLECTED	3. REGION
143808	N/A	N/A

SAMPLE IDENTIFICATION

4. LOT OR CODE NO(S).	5. EPA REGISTRATION NO.	6. ESTABLISHMENT NO.
N/A	30950-2	N/A

7. PRODUCT NAME
Diazinon AG 500

8. PRODUCER NAME AND ADDRESS *(Include ZIP code)*	9. DEALER NAME AND ADDRESS *(Include ZIP code)*
N/A	N/A

10. PHYSICAL FORM		EMULS. CONC.		PRESS. SPRAY		DUST		GRANULAR
		WET. POWDER		AEROSOL		BAIT	X	OTHER liquid

11. INGREDIENTS

Diazinon 48.00%

TEST

12. TYPE OF TEST	13. TEST ORGANISM(S)	14. METHOD NO.	TSD 1.206
Static jar Test #1032	Bluegill (Lepomis macrochirus) Average weight: 0.28 gm. Source: Harrison Lake National Fish Hatchery	15. DURATION	96 hr
		16. CONCENTRATION	0.56-1.2ppm
		17. DILUENT	Acetone

18. SUMMARY

This product can be expected to kill bluegill at a concentration of 0.235 ppm within 24 hours of exposure, based on total formulation.

The 96 hour LC 50 is 0.165 ppm. = .079% ppm based on [illegible]

19. RESULTS

24 hour LC 50 is 0.340 ppm (95% confidence limits of 0.265 to 0.436 ppm)
48 hour LC 50 is 0.180 ppm (95% confidence limits of 0.148 to 0.219 ppm)
96 hour LC 50 is 0.165 ppm (95% confidence limits of 0.133 to 0.205 ppm)
96 hour LC 10 is 0.105 ppm (95% confidence limits of 0.080 to 0.137 ppm)

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20. TESTER'S INITS.	21. SIGNATURE OF LAB SUPERVISOR	22. LABORATORY	23. DATE
		Animal Biology	11/15/76