

RESEARCH ARTICLE

Histopathological changes in the gill of *Labeo rohita* (Hamilton) exposed to cypermethrin

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ABSTRACT..... Cypermethrin is a widely used selective pesticide. Due persistent character, it is present in the surface waters, contaminating non-target organisms including fish. In the present study, fingerlings of *Labeo rohita* were exposed to a sublethal concentration (0.03 ppm) of Cypermethrin upto eight days of exposure. The histopathological changes in the gill tissue like mucus secretion, fusion of secondary gill lamellae, damage in central cord, lamellar aneurism, vacuolization, were noticed.

KEY WORDS..... Histopathological changes, Gill, Cypermethrin

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