

# **TOXICITY AND BEHAVIOURAL RESPONSE OF THE FISH CHANNA PUNCTATUS (BLOCH) AT DIFFERENT CONCENTRATIONS OF WEEDICIDE (AQUATHOL) DURING STATIC ACUTE BIOASSAYS**

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*December 22, 2020 · Volume 19 - Issue 2*

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Shalim M, Razauddin M. TOXICITY AND BEHAVIOURAL RESPONSE OF THE FISH CHANNA PUNCTATUS (BLOCH) AT DIFFERENT CONCENTRATIONS OF WEEDICIDE (AQUATHOL) DURING STATIC ACUTE BIOASSAYS:

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2020/12/20-dec-2020.pdf>.

Proceedings of the Zoological Society of India. 2020 Dec 22 [last modified: 2020 Dec 22]. Edition 1.

## **Abstract**

**The present work is an endeavour to study the toxicity and behavioural responses of the fish Channapunctatus (Bloch) at different concentrations of a weedicide (Aquathol or Endothal) during static acutebioassays. The TLm or LC50 values were computed to be 3.162, 2.405, 2.290 and 1.550 mg/l at 31.0±1.00C respectively for 24, 48, 72 and 96 hrs exposures of aquathol. The safe concentration value was computed to be 0.418 mg/l at this temperature. The behavioural response of Channa punctatus (Bloch) was grossly depenent on the concentration and length of exposure.**

## **Key Words**

Aquathol, Channa punctatus, Toxicity, Behaviour

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