

RESEARCH ARTICLE

# Static bioassay and behavioural responses of cypermethrin on freshwater teleost, *Labeo rohita*

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**ABSTRACT.....** Static renewal bioassay test was conducted to determine the toxicity of pyrethroid Cypermethrin (10% EC) insecticide on a freshwater teleost (*Labeo rohita*). Fishes were exposed to various concentrations of Cypermethrin for 96 h and the per cent mortality was recorded. The LC<sub>50</sub> value was found to be 0.06 ppm. Behavioural changes were observed in fish exposed to lethal concentrations exhibiting erratic and darting movements with imbalanced swimming.

**KEY WORDS.....** *Labeo rohita*, Cypermethrin, Behavioural response

**HOW TO CITE THIS ARTICLE** - Gadhia, Mohini and Prajapati, Rakesh (2014). Static bioassay and behavioural responses of cypermethrin on freshwater teleost *Labeo rohita*. *Asian J. Animal Sci.*, **9**(1) : 74-77.

**ARTICLE CHRONICLE** - Received : 06.04.2014; Revised : 03.05.2014; Accepted : 14.05.2014