

# **A Study on the Behavioural Response and Haematological Profile of Carp, *Cyprinus carpio*, Exposed to Exogenous Urea**

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(With 2 figures)

## **Summary**

Fish exposed to a sublethal concentration (500ppm) of urea showed marked changes in behaviour. Hyperexcitation, fast and jerking swimming activity, high frequency of coughing and yawning and increased secretion of mucus were observed in exposed fish. The effect was more pronounced in early days of treatment as compared to latter period. An increase in the erythrocyte count, haemoglobin concentration, haematocrit value, MCV, MCH and MCHC value was observed in treated fish. Leucocyte count dropped down in early days of exposure which follows a recovery period but remain low throughout the study period.