

EFFECT OF FEW PESTICIDES ON CHANGES IN PHYSIOLOGICAL PROFILES AND SOME TISSUES IN FRESH WATER TELEOST, CATLA CATLA (HAM.)

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2020/12/6-dec-2020.pdf>

December 20, 2020 · Volume 19 - Issue 2

Rupa kumari¹

¹ Department of Biotechnology, S.U. College, Hilsa, Nalanda

kumari R. EFFECT OF FEW PESTICIDES ON CHANGES IN PHYSIOLOGICAL PROFILES AND SOME TISSUES IN FRESH WATER TELEOST, CATLA CATLA (HAM.): <http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2020/12/6-dec-2020.pdf>. Proceedings of the Zoological Society of India. 2020 Dec 20 [last modified: 2020 Dec 20]. Edition 1.

Abstract

'In the present work an attempt has been made to study the effect of an organochlorine (MeritAlpha or Prophenofos) and an organophosphate (Mardo orAlpha Cypermethrin) pesticides on changes in acid and alkaline phosphatases in brain, liver and muscles in a freshwater major carp, Catla catla (Ham.). In the present study the inhibition in the activities of all the enzymes, assayed were found to be increased with the increase in the exposure of pesticides. Mardo and Merit Alpha were equally sensitive to both acid and alkaline phosphatase. The details have been discussed in this paper.

Key words

Pesticides, Enzyme activities, Catla catla.

DOWNLOAD FULL PDF