

HISTOPATHOLOGICAL CHANGES INDUCED IN THE LIVER OF MYSTUS TENGARA (HAM.) AFTER EXPOSURE TO CHLOROXURON

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Abstract

The present study was carried out to evaluate the toxic effect of Chloroxuron (a weedicide) on histopathological changes in the liver of a fresh water teleostean fish, *Mystus tengara* (Ham.) at sublethal concentrations (0.75 and 0.85 ppm) for 10 and 20 days. After such treatment the liver showed disintegration of hepatic cells, separation of the hepatic cells from the blood vessels and proliferation in the pancreatic tissues with broken blood vessels and atrophy in the nucleus of hepatic cells with broken hepatic cells as compared to control. The details have been discussed in this paper.

keywords

Histopathology, Chloroxuron, Fish, Liver.

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