

HISOLOGICAL CHANGE CAUSED BY THE MOLLUCICIDE ,METHIOCARB, ON EARTHWORMS *Lumbricus terrestris* .

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ABSTRACT

The histological change caused by pollutants is considered as a sensitive tool to determine the direct effect of those chemical pollutants on the test organism. This study was done to determine changes caused by pesticide methiocarb in earthworms.

Exposure of earthworm to sublethal concentration (200 and 400) mg / kg for 10 days, caused several histological changes, including tearing the body wall, lysis cuticle and circular muscle layer of the body wall and fusion of villi , as well as decreasing their ability of soil burrowing .

Key words: Earth worm , Histological change , molluscicide, Methiocarb