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Effect of endosulphan on biochemical parameters of fresh water snail *Viviparous bengalensis*

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Pesticides have unique position among crop protecting chemicals. The endosulfan an organochloride pesticide has ample application on account of its efficiency against a wide variety of insect pest. However, on its entry into aquatic bodies through runoff water, possibilities of gross alterations in physico-chemical profile of water cannot be ruled out. Blind used of pesticide bound to affect the non target organism like *Viviparus bengalensis.* In present study the toxic potential of endosulfan was assessed by acute static bioassay. The average LC_{50} values were determined for 24 hrs, 48 hrs, 72 hrs and 96 hrs. The glycogen and protein contain were depleted and lipids was found increased. The results were correlated with the increased consumption of reserve food in the foot, mantle, hepatopancreas and whole body tissues of the snail *Viviparus bengalensis.*

Key words : Bioassay**,** *Viviparous bengalensis*, Endosulfan

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