

EFFECT OF DETERGENT ON THE VEGETATIVE SURVIVAL OF GREEN ALGAE *CLADOPHORA GLOMERATA*, *PITHOPHORA OEDOSONIA* AND AKINETE FORMATION OF *P. OEDOSONIA* AS WELL

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ABSTRACT : The present study deals with the effect of detergent on the vegetative survival of green algae *Pithophora oedogonia* and *Cladophora glomerata* and on the akinete formation of *P. oedogonia*. At all concentrations of 1 to 1000 ppm, detergent caused shrinkage of chloroplast, chlorosis of cells and death of cells in both *Cladophora glomerata* and *Pithophora oedogonia*. However akinete formation in *P. oedogonia* was increased in presence of detergent the effects were dose-dependent.

Key Words : Detergent, *Pithophora*, *P. oedogonia* etc.