

# ***In Vitro* Studies on Physical and Chemical Compatibility of Some Insecticides and Fungicides**

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## **ABSTRACT**

A Lab experiment was conducted in the Department of Entomology, Agricultural College, Bapatla to know the physical and chemical compatibility of some insecticides and fungicides. Physical compatibility tests like Emulsion stability test and specific gravity test, chemical compatibility test like E.C and pH were followed. The results showed that there was no incompatibility found between the test combinations in both physical and chemical compatible tests. All the tests were carried out using distilled water, normal tap water and standard hard water (342 ppm).

**Key words:** *Compatibility, Emulsion stability, E.C, pH, Specific gravity*