

RESEARCH ARTICLE

Estimation of biochemicals constituents in the yellow vein mosaic virus infected leaves of okra [*Abelmoschus esculentus* (L.) Moench] after sprays of insecticides and botanicals

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ABSTRACT

Chlorophyll 'a', chlorophyll 'b' and total chlorophyll contents were found increased in the plants sprayed with Dimethoate 30% EC (1 ml/l), Imidacloprid 17.8% SL (1 ml/3 L), Azadirachtin 1500 ppm (5 ml/l) and Karanj oil (2%) and two sprays of these chemicals followed by one spray of botanical *i.e.* Azadirachtin 1500 ppm (5 ml/l) and Karanj oil (2%). Total sugar contents were found increased in the plants treated with insecticide and botanicals, while total phenol was decreased in yellow vein mosaic virus (YVMV) infected leaves of okra.

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