

Green Pesticides for Pest Control – A Comprehensive Experience of Farmers in Bhandara District (M.S), India

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Abstract: *Eco-chemicals isolated from plant parts such as leaves, barks, fruits, seeds etc contribute in production of Green pesticides. Generally, most of the plants have the capacity to produce numerous secondary metabolites which are unpalatable to insect pests. Till today several farmers in Indian villages unknowingly used to collect and prepare crude extract of leaves, seeds and flowers of many plants for pest control. They were in fact not aware of the scientific reason behind it. Farmers belonging to nearby villages of Bhandara are also regularly using some plant extracts as pesticides in vegetable and cereal crops. In view of this, in the present investigation 15 biopesticide potential plants were identified, isolated and mode of preparation of biopesticide were gathered by interaction with local farmers. The mode of preparation of biopesticide and their action on specific pests were discussed in the present investigation.*

Keywords: Eco-chemicals, Green pesticides, Pests, Secondary metabolites

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