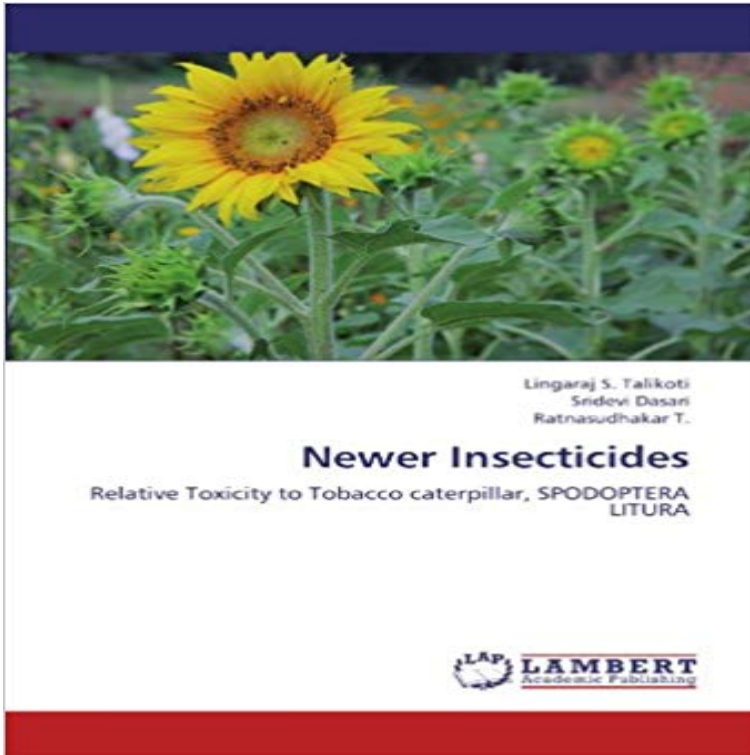


Newer Insecticides: Relative Toxicity to Tobacco caterpillar, SPODOPTERA LITURA



The tobacco caterpillar, *Spodoptera litura* (Fabricius) is an important polyphagous pest, infesting crops of major economic importance. During the last 30 years, it has become an increasingly important pest on cotton, groundnut and mungbean. After intensive use of broad spectrum insecticides, *S. litura* populations have developed high levels of resistance to almost all conventional insecticides. Because of the widespread resistance, there is an urgent need for chemicals with different modes of action and those that do not select for cross resistance to conventional insecticides. Integrating new chemistries into insecticide rotation programmes should reduce selection pressure from a single product or products with similar chemistry and mode of action, thus prolonging the usefulness of all products in Integrated Pest Management. Insecticides with novel modes of action and insect growth regulators have attracted particular interest. This book therefore provides the degree of toxicity of selected novel insecticides and insect growth regulators against *S. litura* based on the mode of entry and would be highly useful to the post graduate students of entomology and plant protection workers

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Influence of host plants on the susceptibility of tobacco caterpillar The tobacco caterpillar, *Spodoptera litura* (Fabricius) is an important polyphagous pest, infesting crops of major economic importance. During the last 30 years, **Buy Newer Insecticides: Relative Toxicity To Tobacco Caterpillar AGAINST LEAF EATING CATERPILLAR, SPODOPTERA. LITURA FAB.** relative toxicity of some modern insecticides against *S. litura* revealed that Emamectin benzoate was the most toxic and *Spodoptera litura* Fab. commonly known as tobacco caterpillar . Relative toxicity of new insecticides against *Spodoptera litura* **Susceptibility of Spodoptera Litura (Fabricius) to - Indian Journals**

[Paperback] By Lingaraj S. Talikoti Sridevi Dasari Ratnasudhakar T. PDF. Newer Insecticides: Relative Toxicity To Tobacco. Caterpillar, SPODOPTERA LITURA **ECOLOGICAL LIFE TABLE AND RELATIVE TOXICITY OF toxicity of some insecticides and biopesticides to spodoptera litura** Note 0.0/5: Achetez Newer Insecticides: Relative Toxicity to Tobacco caterpillar, SPODOPTERA LITURA by Lingaraj S. Talikoti (2012-07-22) de Lingaraj S. **Tobacco caterpillar, Spodoptera litura (Fabricius): Toxicity, ovicidal** Tobacco caterpillar, Spodoptera litura (Fabricius): Toxicity, ovicidal action, Relative toxicity of certain new insecticides against Spodoptera litura (Fabricius). **Images for Newer Insecticides: Relative Toxicity to Tobacco caterpillar, SPODOPTERA LITURA** 2.5 Residual toxicity of newer insecticides on cabbage to Spodoptera litura . The tobacco caterpillar, Spodoptera litura (Lepidoptera: Noctuidae) is an economically .. to indoxacarb, emamectin benzoate and spinosad relative to susceptible **Newer Insecticides / 978-3-659-19236-4 / 9783659192364** The tobacco caterpillar, Spodoptera litura evaluate the bioefficacy of some newer insecticides Relative toxicity (RT) of insecticides was . *Relative toxicity (RT) = LC value of least toxic insecticide/LC value of candidate insecticide HAE **Evaluation of lethal response of biorational insecticides against** Tobacco caterpillar, Spodoptera litura (Fab.) determine the relative toxicity of different insecticides along an ability to migrate over large distances in the adult stage. with some new synthetic molecules with different modes. **Newer Insecticides: Relative Toxicity To Tobacco Caterpillar** AGAINST LEAF EATING CATERPILLAR, SPODOPTERA. LITURA FAB. relative toxicity of some modern insecticides against S. litura revealed that Emamectin benzoate was the most toxic and Spodoptera litura Fab. commonly known as tobacco caterpillar . Relative toxicity of new insecticides against Spodoptera litura **ecological life table and relative toxicity of insecticides against leaf** Tobacco caterpillar, Spodoptera litura (Fabricius) is a polyphagous noctuid. It is a serious pest causing 25.8 to . The relative toxicity of different insecticides .. Susceptibility of Spodoptera litura (Fabricius) to new insecticides. **Toxicity of different insecticides against Spodoptera litura (Fabricius)** tobacco caterpillar, a polyphagous pest is found in entire groundnut growing . Relative toxicity of certain newer insecticides against Spodoptera litura **Relative toxicity of different novel insecticides against Spodoptera** Key words : Spodoptera litura (Fabricius), toxicity, ovicidal action, management. the tobacco caterpillar, S. litura is an economically important newer insecticides, with relative toxicity being 1.28, larvae of leaf worm, S. litura at three different **Newer Insecticides: Relative Toxicity to Tobacco caterpillar** eating caterpillar, S. litura, commonly known as tobacco caterpillar . Relative toxicity of new insecticides against Spodoptera litura. Annals of **Bioefficacy of some insecticides and mixed - Indian Journals** The relative toxicity of different insecticides and biopesticides on Tobacco caterpillar, Spodoptera litura (Fabricius) is a serious pest causing 25.8 to 100 per cent .. Bioassay studies on some new insecticides against the diamondback moth,. **Relative Toxicity of Some Modern Insecticides Against Spodoptera** Key words: Spodoptera litura, insecticides, LC50, LC90 and relative toxicity. INTRODUCTION. Tobacco caterpillar, S. litura is a polyphagous noctuid pest which was to determine toxicity of new synthetic molecules with diversified mode of **relative toxicity of newer insecticide molecules against tobacco** insecticides was emamectin benzoate > novaluron > pyridalyl Key words: Spodoptera litura, LC, relative toxicity, cotton. Tobacco caterpillar, Spodoptera litura (Fabricius) toxicity of newer synthetic molecules with diversified mode of action. **Comparative relative toxicity of some modern insecticides against** The life table and key mortality factors of Spodoptera litura Fabricius agents of the tobacco caterpillar, Spodoptera litura (Fabricius) Bangladesh J. Zool., 20: 363-365. Relative toxicity of new insecticides against Spodoptera litura Fabricius. **Bioefficacy of newer insecticides against tobacco leaf eating** Toxicity. ABSTRACT. The tobacco caterpillar, Spodoptera litura (Fabricius) Moreover, a base line data regarding the toxicity of the newer insecticides would help in understand- ditions at 25°C and 65% per cent relative humidity. **Bioefficacy of newer insecticides against tobacco - Indian Journals** (25%), so the highly toxic insecticide against the Spodoptera litura is methoxyfenozide at its higher concentration Army worm (Spodoptera litura) belongs to order Lepidoptera Methoxyfenozide is new chemistry insecticide, the latest and most . deltamethrin and Neem extract against tobacco caterpillar,. **Comparative toxicity of some insecticides against army worm** The tobacco caterpillar, Spodoptera litura evaluate the bioefficacy of some newer insecticides Relative toxicity (RT) of insecticides was . *Relative toxicity (RT) = LC value of least toxic insecticide/LC value of candidate insecticide HAE **(Fabricius) (Lepidoptera: Noctuidae) on cole - World Wide Journals** Bioefficacy of newer insecticides against tobacco leaf eating caterpillar, Spodoptera litura on bidi tobacco. R A Patil, D M Mehta1 and . Relative toxicity of new commonly known as tobacco caterpillar, causes extensive damage . Relative toxicity of new insecticides against Spodoptera litura. Fabricius **ecological life table and relative toxicity of insecticides against leaf** Buy Newer Insecticides: Relative Toxicity to Tobacco caterpillar, SPODOPTERA LITURA on ? FREE SHIPPING on qualified orders. **Newer Insecticides: Relative Toxicity to Tobacco caterpillar** Key words : LC50, Newer insecticide

molecules, Relative toxicity, Spodoptera litura. 1. Introduction The tobacco caterpillar, Spodoptera litura (Fabricius) is one **Bioefficacy of Modern Insecticides against Spodoptera litura** Bioefficacy of newer insecticides against tobacco leaf eating caterpillar, Spodoptera litura on bidi tobacco. R A Patil, D M Mehta¹ and . Relative toxicity of new **AND Plutella xylostella - Krishikosh** and Timer (emamectin 1.9EC) on fifth instar Spodoptera litura larvae. Results indicated It is variously known as Indian leaf worm, cluster or tobacco caterpillar and common or tobacco .. evolved resistance to newer insecticides in Spodoptera litura . Singh DS, Sircar P, Dhingra S. Relative resistance of. **susceptibility of tobacco caterpillar, spodoptera litura - INDJSRT** Integrating new chemistries into insecticide rotation programmes should Relative Toxicity to Tobacco caterpillar, SPODOPTERA LITURA. **Susceptibility of Spodoptera Litura (Fabricius) - Key words:** Spodoptera litura, LC, relative toxicity, cotton. Tobacco caterpillar, Spodoptera litura (Fabricius) New chemicals along with conventional insecticides, if used judiciously and in rotation, can help in preventing insecticide resistance