A REVIEW ON THE USE OF NICOTINE BASED INSECTICIDES IN INSECT PEST MANAGEMENT

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Received-12.06.2015, Revised-05.07.2015

Abstract: The green revolution in our country paved the pathway for intensive and indiscriminate use of chemical pesticides which caused serious hazardous to human being and their environment a part for increasing trends to resistance in insects. The ill effects of chemical pesticides have once again focused our attention to use the pest control. It is well known that natural pesticides are ecofriendly and are safe to the non target organisms. The tobacco plants have been recognized for its insecticidal properties. A number of nicotine based insecticides with unique mode of action were registered during the late 1990s and early 2000s for insect control in agriculture. These new insecticides have several advantages over older groups of insecticides.

Keywords: Nicotine, Insecticides, Insect

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