

# Amiran Kenya and Sineria Industries Ltd

partner to introduce a new approach to modern pest management through an efficient 'Biopesticide Range'



Amiran Bio-Pesticide  
Range for flowers



Our Knowledge, Your Success.

Over the years, **Amiran** has offered complete solutions that ensure farmers experience the best possible harvest and this year the company is partnering with EU company- Sineria Industries Ltd to introduce into the Kenyan floricultural and horticultural industries a range of effective, safe generation products under the Biochemical pesticides namely; **Levo 2.4SL, SAF-T-Side, BotaniGard ES** and **Bio T Plus WP**.

The bio-pesticidal range of products is IPM Compliant product; an approved input by major supermarkets in Europe as a pest control product which can be used on fresh produce such as various fresh herbs, ornamentals and vegetables imported to Europe from East Africa.

**Levo 2.4SL**, offers a broad spectrum activity on Diamond Back Moth, Aphids, Thrips, Spidermites, White Flies and Lepidopteran pests on ornamentals and Vegetables. Levo 2.4SL is produced from wild medical plant. It has an outstanding mode of action producing prosuler oxymatrine which is a stomach poison insecticide having antifeeding and repelling activity on pests. The Prosuler Oxymatrine could in most occurrences also stimulate growth of the plant. By using the product, farmers

can expect to note a reduction of pests with a single application, no residual on the crop, effective prevention of pest occurrence, decrease in pest resistance risk, and better their yields, contributing to the improvement of the harvested crop. The product gives farmers the value for their money by reducing the chances of loss caused by destruction of pests.

**SAF-T-Side** is a highly refined and low aromatic oil that provides effective pest control in a broad range of crops and ornamentals. SAFE-T-Side acts as a suffocating agent with its small particles that penetrate the insects and mites respiratory system thus blocking the air ducts (trachea) and depriving them the necessary oxygen for their survival. The top quality oil is proven

to interfere with the pest's cuticle through a detergent effect. The unique formula in SAF-T-Side that dissolves the soft segment makes the Amiran distributed product more effective in killing insects by blocking normal exchange gaseous of the eggs through the external membrane wall, hardening the same wall thus affecting hatching and general interference of normal embryonic development. SAF-T-Side dilutes with both hard and soft water easier and more thoroughly than conventional spray oils, while ensuring that the application is consistent from the beginning of application to the end. Its small oil droplets ensure a uniform foliar coverage, providing the widest spectrum of control on all development stages of soft body insects and mites.

## BotaniGard

**ES** is in a class of its own and cannot be compared with any other Beauveria bassiana based in the market. Based on the GHA strain, its novel and unique formulation (CDS), high spore concentration (2x 10<sup>12</sup> UFC/Quart), stability (2year shelf life at room temperature), viability and proven performance, makes the product more than just a mycoinsecticide (a preparation of entomopathogenic fungi used to kill insects). BotaniGard has been tested against a large number of pest with trials demonstrating its effectiveness on adults and larval stages of target pests. Significant decrease in pest population is often seen one week after initiating the application programme. Amiran and Sineria advise that if a farmer has a heavy infestation, one can combine BotaniGard with a chemical adulticide to get an initial knockdown or increase spray frequency to a 3 to 5 day cycle.



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## Bio T Plus

is a biological insecticide formulated from a strain of Bacillus Thuringiensis var Kurstaki which controls thrips and caterpillars in beans. The product is sprayed 1-3 times during the growing period of the crop especially during flowering and fruiting.

Bio T Plus should be applied after detecting eggs of Lepidoptera pests during scouting. Application should be done in the evening for optimum efficiency.

Speaking on how to effectively use of the Biopesticidal range, Sineria Industry Kenya

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constant contact with various departments and institutions of Agriculture in EU, USA and other parts of the world, to ensure the products being developed meet government approval, are environmentally safe and conform to global standards. "We take great consideration that

most of the emerging pest like Thrips, Mealybugs and Aphids especially in floriculture and use of Biological parasites call for highly compatible products that will guarantee control and preservation of the predators. These products from Amiran and Sineria offer the Kenyan farmers that flexibility", Kamote revealed.

Amiran's Head of Agro-Division, Aviv Levi notes that for plants to grow to their full potential there is need for farmers to invest in products that protect their crops. Levi states that as trade between Kenya and European countries expands, the floricultural sector has been challenged to grow more produce and still maintain high international standards of quality.

By: Flora Nanjala



Amiran Bio-Pesticide Range for vegetables