

RIGEL-G

SPOTTED WING DROSOPHILA (DROSOPHILA SUZUKII) MANAGEMENT

Rigel-G combines **bioactive silicon** with specific plant extracts to create a unique and trusted formulation that **enhances natural plant defenses** and **repels crop pests**.



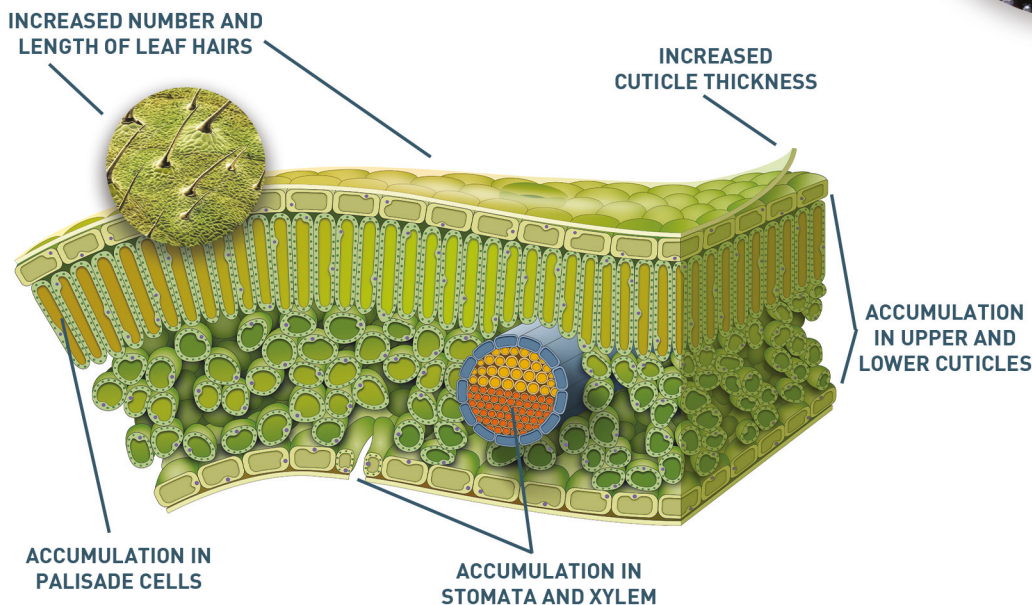
SWD (*Drosophila Suzukii*) was first detected in 2012. Unlike other fruit fly species, its **serrated** ovipositor allows it to penetrate ripe or ripening fruit to lay its eggs. The developing larvae feed within the fruit causing it to collapse and secondary infection can establish via the wound. The resulting damage costs the industry an estimated £30m each year.



Rigel-G is manufactured using our unique **iNHiB Technology**, that delivers bioactive, plant available silicon. Trials by the University of Hertfordshire have proven this source of silicon **increases** the **puncture resistance** of a crop by enhancing the cuticle, strengthening cells, and increasing leaf hair length, strength, and density.



ACCUMULATION OF SILICON WITHIN A LEAF



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FOR PROFESSIONALS ONLY: USE FERTILISER PRODUCTS WITH CAUTION. READ THE LABEL AND INFORMATION RELATING TO THE PRODUCT BEFORE USE. Follow the instructions for use in order to avoid risks to human health and the environment - Do not pollute water with the product or its packaging.



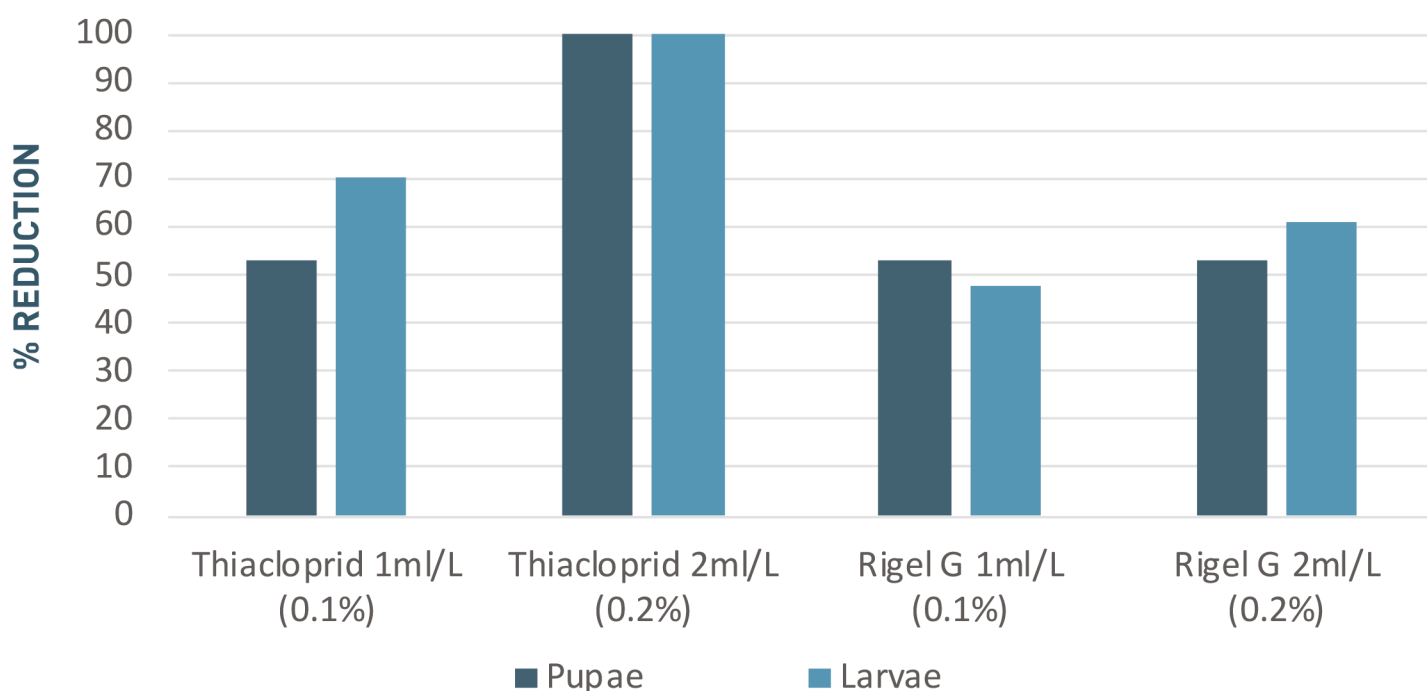
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Independent UK trials conducted at the University of Reading have shown Rigel-G to act as an SWD oviposition deterrent.

Blueberries dipped with the treatments shown, were placed in controlled environments with adult SWD for 48hr to allow egg laying. The fruit was dissected after 8 days incubation at 25°C and the results are shown below.

REDUCTION IN SWD INFESTATION



The **innovative** formulation of Rigel-G, combining **INHIB Technology** with selected plant extracts, provides a dual approach to integrated pest management and a useful addition to the products available to growers.

Crops	Timing	Rate (l/ha)	Water Volume (l/ha)	Maximum Number of Applications
Fruit Crops	As part of regular programme. Every 7-14 days	0.5 - 1	200-1000	2-6

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