

RIGEL-G

SPOTTED WING DROSOPHILA (DROSOPHILA SUZUKII)

Rigel G is a silicon biostimulant that reduces the vulnerability of fruit crops to SWD. With limited approved chemistry, and evolving pest resistance to insecticides, Rigel G is an excellent alternative that forms part of an **IPM approach** to SWD management.



Rigel G is manufactured with Orion's unique **iNHIB Technology**, that delivers a bioactive form of silicon to target crops. This formulation provides silicon in a form that is **immediately available** and can be accumulated by plant cells.

Accumulation provides both a **physical** and **biochemical barrier** to **impede pest colonisation and feeding** on foliage and fruit.



The **innovative** formulation of **Rigel G** provides a useful addition to the portfolio of products currently available to growers. **Rigel G** can be applied to all fruit crops, has **no harvest interval** and leaves **no residue**. With its repellent and strengthening modes of action, it complements a sustainable approach to SWD management.

ORION
RELEASING THE BIOLOGICAL POTENTIAL OF PLANTS



@OrionFutureTech
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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 cherry trials conducted in successive seasons at NIAB EMR have demonstrated that **Rigel G** acts to strengthen fruit and deter oviposition, **reducing the number of larvae in the fruit**.

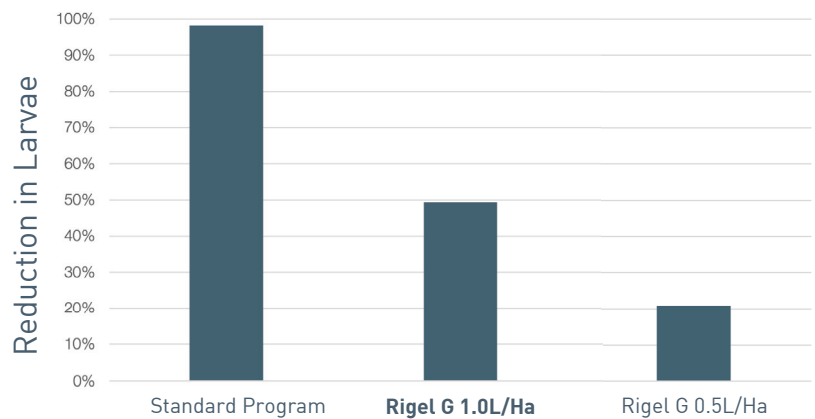
TRIALS DATA

Rigel G applied alone reduced the appeal of fruit to SWD oviposition.

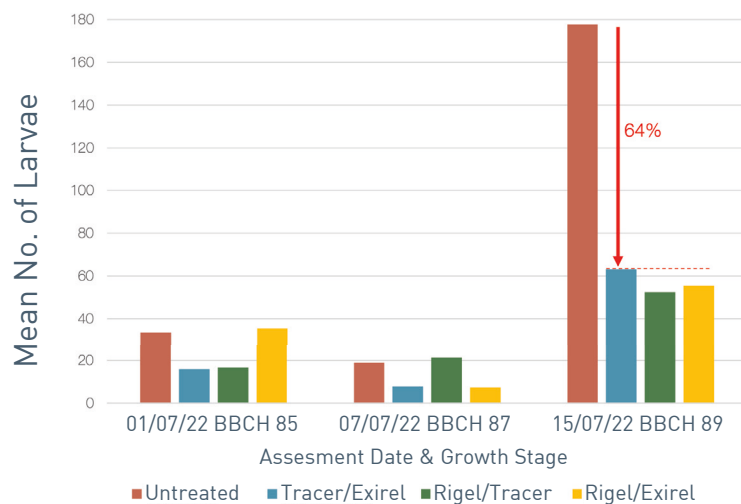
A program of **Rigel G** applied at 1L/Ha, every seven days, **reduced subsequent larvae number** in the fruit by almost 50%.

Source: NIAB EMR 2021 Cherry var. Penny

2021 SWD MANAGEMENT TRIAL



2022 SWD MANAGEMENT TRIAL



The industry standard program of alternating **Tracer™** and **Exirel™**, statically reduced fruit larvae numbers by 64%.

However, substituting **Rigel G** into that program for either product, provided statically comparable results but with a **reduction in insecticide use**.

Source: NIAB EMR 2022 Cherry var. Penny

PRODUCT SUMMARY



APPLY FROM GREEN FRUIT FOR MAXIMUM ACCUMULATION AND PROTECTION.
CAN BE TANK MIXED WITH A WIDE RANGE OF PRODUCTS INCLUDING INSECTICIDES.
RECOMMENDED AS PART OF AN ALTERNATING PROGRAM.

Product	Crop	Water Volume (L)	Rate (L/Ha)	Application Method	Timing
RIGEL-G	All fruit crops	400 - 1000	1	Foliar Spray	Every 7-14 Days

IF WATER VOLUME IS INCREASED, ENSURE A DILUTION OF 0.5% IS MAINTAINED.

Tracer is a trademark of Corteva Agrisciences. Exirel is a trademark of FMC Corporation.