



# GC Sirius

For stronger, healthier Crops

GC Sirius was developed by partner company Orion FT who are experts in Silicon biostimulant technology. GC Sirius contains iNHIB™ technology to deliver the highest level of bioactive Silicon to enhance natural plant defences, thereby deterring pest and pathogen attack.



## Analysis (w/w)

Total Silicon (Si)	21%
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## Key Product Attributes

GC Sirius provides the best formulation to provide plant available silicon via drip irrigation applications or to be used as an effective foliar knock down treatment to physically control insect pests.

Formulated to be applied via drip irrigation at very low rates during the growing season.

As a spray application, the Silicon converts into abrasive amorphous Silica in the surface of the leaves and creates a hostile environment to pests and diseases.

## Main Use

GC Sirius improves the physical structure of plants, making them less susceptible to abiotic and biotic stresses.

To increase sugar levels (Brix) and organoleptic attributes of vegetables and fruits.

The periodic use of GC Sirius can delay the onset of diseases and reduce the capacity of insect pests to damage the crop.

Crops treated with GC Sirius make a more efficient use of irrigation water under drought conditions as they are better able to control transpiration and nutrient uptake.

## Application Rates

Apply through the drip irrigation at 0.5 to 1L/Ha diluted at 0.17% with the irrigation water, monthly from early vegetative growth to early fruit development.

Apply as foliar spray at 0.25 to 0.5L/Ha in 200 to 800 litres of water to obtain good coverage.



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