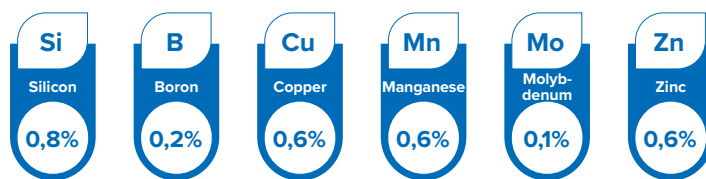


RAPID Si+

Reducing stress, optimising growth

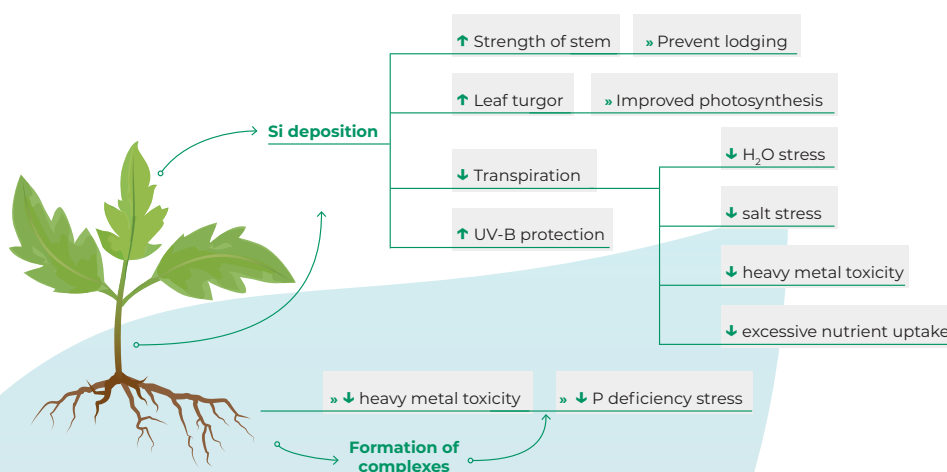
Rapid Si+ is a biostimulant based on silicon and enriched with micronutrients. Rapid Si+ ensures plants develop their maximal natural resistance against abiotic stress. The product can be applied either by foliar application or by dosage in irrigation water.

Rapid Si+ is a liquid silicon fertilizer enriched with micronutrients. All silicon is 100% soluble and 100% bio-available for plant uptake. This liquid fertiliser contains the following components, which improve the uptake of Silicon and other essential nutrients.



WORKING MECHANISM

Rapid Si+ strenghtens the plant and improves crop quality due to the following mode of action:



Micronutrients play a big role as co-factors in the plant, these are molecules needed to activate enzymes that are involved in a broad range of reactions (photosynthesis, cell elongation, ...). In addition, these micronutrients are also essential for good cell construction and for flowering and fruit setting.



PERFORM



Horticulture



KEY BENEFITS



Biostimulant



100% bio-available silicon



Enriched with micronutrients: B, Cu, Mn, Zn & Mo



Improves crop quality



For foliar application and irrigation



Enhances stress resistance

ADVANTAGES

- Biostimulant and micronutrients in 1 product!
- Stronger fruits, leaves and plants
- Better resistance to drought and salt stress
- Higher yield and improved crop quality
- Lower vulnerability to nutrient imbalance and toxic chemicals in soil and irrigation water
- Reduces frost damage

APPLICATION AREAS

Via irrigation water:



In **Rapid Si+**, silicon is present in its simplest form as orthosilicic acid, the only form that is bio-available for plants. Application via irrigation water therefore leads to efficient uptake of silicon, together with the micronutrients B, Mn, Mo, Cu and Zn. After silicon is absorbed by the roots, it is transported to the shoots where it is accumulated and polymerized to silica cells.

Rapid Si+ can be used on a wide variety of crops:

Tomato • Sugar Cane • Soybeans • Sugarbeet • Broccoli • Carrots • Cannabis (Cannabaceae) • Rice • Wheat • Barley • Cucumber • Potatoes • Onions • Apple • Pear • Berries (strawberries, blueberries, raspberries,...) • Flowers (Geranium, Bacopa, Argyranthemum, Impatiens, Lobelia, Calibrachoa, Torenia, Verbena, Petunia, Rose,...)

Foliar spray:



Rapid Si+ is extremely suitable for spraying on plants. Foliar application allows the dissolved nutrients to cross the leaf surface and forms a silicon layer over the cuticle. This layer acts as a physical barrier and fortifies the plant.

INSTRUCTIONS FOR USE

1. Add the right dosage of **Rapid Si+** to the water:

	Dosage
Foliar application	300 ml/ha
Via irrigation water	500 ml/ha

2. Apply every week or every 2 weeks.

3. Apply at temperatures above +8 °C. On hot days, it is recommended to only spray in the afternoon/ evening.



SUPPORT AND GUIDANCE

Due to our scientific approach, our technical experts can give tailor-made advice and offer:

- » Full comprehensive training
- » The latest insights and technical know-how in horticulture
- » Highly experienced horti team from the industry for the industry



HQ » I.Z. Poort Genk 6835 - Geleenlaan 24 - 3600 Genk - Belgium - +32 89 44 00 42

Sales office » Schoebroekstraat 40 - 3583 Paal - Belgium » www.roamtechnology.com