

growth technology 



GT Silica

Mineral additive for optimum plant health, strength, vitality and resilience.

Benefits

PRECISION FORMULATED ADDITIVE

- ✓ **Converts to mono silicic acid** in solution with simple pH adjustment (5.5-6.5).
- ✓ **Strengthens cell walls** and boosts resistance to fungal and insect attacks.
- ✓ **Preserves variegation** and helps maintain diverse colouration in ornamental plants.
- ✓ **Enhances photosynthesis** by increasing chlorophyll production and CO₂ uptake.
- ✓ **Optimises nutrient uptake** and maximises absorption of essential elements.

"Customers consistently praise GT Silica for strengthening plant structure and preserving variegation. Voted best new product by over 7,400 industry attendees at the 2025 Tropical Plant International Expo."

JEANNIE / @PLANTHAUL / USA

Guide

HYDROPONICS / SEMI HYDRO

5ml per litre of water
delivers approx. 25ppm silicon

POTTING MIX

2-3ml per litre of water
delivers approx. 10-15ppm silicon

- 1 Add GT Silica to water at a rate of 2-5ml per litre, depending on your growing medium.
- 2 Mix well, then allow the solution to sit for 5 minutes to ensure dispersion.
- 3 Once GT Silica is fully dispersed add your nutrients and mix thoroughly.
- 4 Let the mixture rest for an additional 5 minutes to ensure full integration.
- 5 Test the pH of your solution as silica can significantly raise pH levels.
- 6 Adjust the pH to 5.5-6.5 for optimum nutrient uptake. Use GT pH Down, or GT pH Drop if needed.

Grower's Tips

Skip the pricey mono silicic acid. After adding GT Silica and your nutrients, simply adjust pH to 5.5-6.5. This triggers the natural conversion to mono silicic acid, the bioavailable form your plants can easily absorb. Invest in a quality pH meter for consistent results and thriving plants.

"Next time my mates come over they're going to think I'm a professional gardener once they see how much my plants have grown in just weeks! So if your plants are lacking that healthy, green look or struggling with leaf issues, definitely give GT Silica a go."

JEFF / PLANT LOVER / AUSTRALIA



GT Silica

GT Silica delivers faster growth rates and higher yields, making it ideal for both home gardeners and commercial growers.

Silicon strengthens plants by enhancing resilience to environmental stress, helping retain moisture, and developing stronger root systems. It also increases chlorophyll production, boosting photosynthesis for healthier, more vigorous plants.

GT Silica contains potassium silicate, a stable silicon source that converts to highly bioavailable mono silicic acid when the nutrient solution pH is adjusted between 5.5 and 6.5. This creates the optimal form of silicon that plants absorb and utilise most effectively.

Maintaining proper pH ensures your plants receive the full nutritional benefits of GT Silica.

AVAILABLE IN 250ML / 1 LITRE / 5.5 LITRES / 20 LITRES

Any questions?

We're here to support you along every step of your growth journey. Feel free to send us an email enquiry. We'd love to hear from you.

FORMULATED & MANUFACTURED IN AUSTRALIA BY GROWTH TECHNOLOGY

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