

Si+

Stabilized Silicon Solution

Bioavailable Silicon · Stress Tolerance · Structural Strength



≥ **10.0%**
Soluble Silicon (Si)
(w/v)

≥ **21.0%**
Silicon Dioxide (SiO₂)
(w/v)

Derived from stabilized silicon sources · Density: 1.65–1.75 g/mL · pH: 3.0–4.5 · Fully water soluble

1. PRODUCT DESCRIPTION

TerraNutrix **Si+** is a high-efficiency stabilized silicon fertilizer designed to improve plant vigor, structural strength, and tolerance to environmental stress. The advanced liquid formulation provides highly bioavailable silicon for rapid plant uptake — supporting stronger stems, improved leaf performance, and enhanced crop resilience across a wide range of crops.

2. GUARANTEED ANALYSIS

Parameter	Specification
Soluble Silicon (Si)	≥ 10.0% (w/v)
Silicon Dioxide (SiO ₂)	≥ 21.0% (w/v)
Source	Stabilized silicon

3. PHYSICAL PROPERTIES

Property	Description
Appearance	Red Suspension
Density	1.65–1.75 g/mL
pH	3.0–4.5
Solubility	Fully water soluble

4. KEY BENEFITS

Key Benefits:

- Improves plant tolerance to heat & environmental stress
- Enhances plant structural strength & leaf rigidity
- Supports stronger stems & improved crop standing ability
- Improves nutrient uptake & translocation efficiency
- Supports photosynthesis & overall plant vigor
- Helps improve crop quality & shelf life

5. MODE OF ACTION

Mode of Action:

Silicon is deposited in plant tissues, strengthening cell walls:

- Improved tolerance to abiotic stress
- Reduced moisture loss under dry conditions
- Better nutrient movement & utilization
- Enhanced crop uniformity & performance

6. APPLICATION RECOMMENDATIONS

Method	Rate	Timing
Foliar Spray	1:800 – 1:1200 dilution	Every 10–14 days
Fertigation / Drip	1 – 3 L/ha	Split applications — full season

Apply during vegetative growth and stress-prone periods for best results.

7. CROP SUITABILITY

Suitable Crops:

- Vegetables
- Fruit crops
- Citrus & Grapes
- Field crops
- Greenhouse crops
- Turf & ornamentals

8. PACKAGING

Packaging:

1 L · 5 L · 20 L
250 kg drum
1000 L IBC

Net Contents:

2.5 Gallons (9.46 L)

9. STORAGE & SAFETY

Storage:

Cool, dry place
Keep container tightly closed
Avoid direct sunlight
Shake well before use

Safety:

Keep out of reach of children.
Avoid eye and skin contact.

Application rates may vary by crop, soil conditions, and regional agronomic practices. Always conduct a jar test before tank mixing. TerraNutrix Agricultural Solutions LLC reserves the right to update specifications without prior notice.