



GLADIATOR

Mono-silicic acid with
boron and calcium

WHAT IS GLADIATOR?

Gladiator offers unmatched support for structural plant health, optimising nutrient absorption and resilience against environmental stressors in agriculture. Featuring a unique blend of monosilicic acid, Boron, and Calcium, Gladiator is crucial for healthy crop development.

COLOUR & APPEARANCE:
Clear liquid

APPLICATION RATE AND INSTRUCTIONS

Dosage: 500mℓ per Ha

4 - 6 Applications per season based on crop needs.

Dilution for Spray:

Mix in 300 - 1 000ℓ of water per Ha. Add Gladiator to water while stirring, then add other foliar products as necessary. Use within 4 hours.

Root application dilution:

Weekly use at 1:5 000 dilution;
for every watering, dilute 1:10 000.

*CHEMICAL ANALYSIS:

| | |
|------------------------|--------|
| Mono-silicic acid | 2,5% |
| Boric acid | 1,2% |
| Calcium Chloride | 25% |
| Potassium chloride | 0,8% |
| Polythylene glycol 400 | 35-45% |
| Demineralised water | 30-40% |

INGREDIENT COMPOSITION:

| | |
|---------------|------|
| Calcium (CaO) | 8% |
| Silicon (Si) | 0,8% |
| Boron (B) | 0,2% |

VOLUME: 1L & 5 L

ENVIRONMENTAL IMPACT

Gladiator is designed for minimal environmental footprint, supporting sustainable agricultural practices.

BENEFITS OF GLADIATOR APPLICATION

- **Structural Integrity:** Strengthens cell walls and vascular system for better water management.
- **Stress Resistance:** Enhances resilience against pests, diseases, and environmental stresses.
- **Calcium Uptake:** Facilitates rapid absorption of calcium, improving plant health and produce firmness.
- **Shelf Life Extension:** Contributes to longer shelf life and better market value of produce.
- **100% Bioavailable Silicon:** Provides a stable, plant-accessible form of silicon for immediate benefits.

MODE OF ACTION

Nutrient Management: Facilitates absorption and transport of essential nutrients such as Calcium, Phosphorus, Potassium, Magnesium, and others, promoting balanced plant nutrition.

Calcium Correction: Rapid solution for Calcium deficiencies, fast uptake enhancing cell wall and vascular system integrity.

Resistance Enhancement: Silicon deposition in the plant cuticle strengthens defense against fungal, bacterial, and insect attacks by bolstering the plant's natural barriers.

Transpiration Reduction: Minimizes leaf epidermal transpiration, optimizing internal water management.

COMPATIBILITY

Gladiator seamlessly integrates with conventional foliar treatment regimens.



Keep away from direct sunlight.

Store at a temperature between 15°C and 30°C.

P102 Keep out of reach of children.

P280 Wear protective gloves / eye protection.

P303+P361+P353 **IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing.

Rinse skin with water [or shower].

P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/international regulations.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

