



GLADIATOR

Mono-silicic acid with boron and calcium

WHAT IS GLADIATOR?

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

COLOUR & APPEARANCE:
Clear liquid

APPLICATION RATE AND INSTRUCTIONS

Dosage: 500ml per Ha

Monthly schedule and or as a pre match spray, 3 days prior to match day.

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%
Demineralsed 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 turf health and produce firmness.
- **Nutrient Efficiency:** Increases nutrient uptake, ensuring healthier turf growth.
- **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 turf nutrition.

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

Resistance Enhancement: Silicon deposition in the turf grass cuticle strengthens defense against fungal, bacterial, and insect attacks by bolstering the turf'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.

