

MP REINFORCE

Strengthens plant defences against stress

Plant available silica



MP REINFORCE® is an innovative solution designed to elevate plant health and resilience, which harnesses the power of monosilicic acid, delivering unparalleled benefits to plants. By fortifying plant defence system against stresses and enhancing nutrient uptake, MP REINFORCE ensures optimal growth and vitality.

BENEFITS

- 3% silica in the form of monosilicic acid, which is readily accessible to plants
- Aids in plant growth and photosynthesis
- Stimulates the plant's immune system to withstand environmental and pathogen stress
- Improves absorption of phosphorus, potassium, zinc, iron, calcium, and other vital nutrients
- Increases beneficial microbial activity in soil

TECHNOLOGY

MP REINFORCE provides the most accessible form of silica, monosilicic acid (MSA) which is the most readily available form of silicon for plants. MSA is now often regarded as a biostimulant rather than a fertiliser. This bioactive, bioavailable molecule is typically lacking in soils due to the absence of clay. Silica aids in strengthening plant cell wall which helps plants resist stress. Silica also promotes more upright leaf growth to improve airflow around shoots. MP REINFORCE is ideal for pre-conditioning plants before high-stress situations.

USE PATTERNS

TYPE	DIRECTIONS FOR USE
Established plants	2.5-5 mL/L or 5 L/ha or 0.5 mL/m ²
Seedling transplants	1.25 mL/L or 2.5 L/ha or 0.25 mL/m ²

MP REINFORCE can be applied as a foliar spray or soil drench. Foliar application should ensure thorough coverage of both the upper and lower surfaces of the leaves, to the point where there is noticeable dripping from the foliage. Scheduled applications in sandy soil profiles will help maintain soil nutrients near the plant roots.

TYPICAL ANALYSIS

Nitrogen (N)	0%
Phosphorus (P)	0%
Potassium (K)	0%
Silica (as monosilicic acid)	3%

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