
NUTURF
FoliMAX®
STRENGTH SI 9% Si + 2% Ca + 5% K
SYNERGISTIC PRE-STRESS CONDITIONER
Liquid nutrition at its best

FoliMAX Strength Si

Synergistic pre-stress conditioner

Liquid nutrition at its best

FOLIMAX Strength Si

FoliMAX Strength Si is a unique liquid fertiliser containing ideal ratios of silica, calcium and potassium. When applied as a foliar spray, these nutrients are known to work in synergy to strengthen the plant cells thus hardening the leaf tissue to enhance stress resistance. FoliMAX Strength Si is the ideal product to apply to the plant prior to the onset of temperature extremes, to strengthen the plant from foliar pathogens or surface traffic, and to enhance surface uniformity for improved ball roll in fine cut turf.



FOLIMAX Strength Si Guaranteed Minimum Analysis:

Silicon (Si) as Calcium Silicate: 9 .1%

Calcium (Ca) as Calcium Silicate: 2.1%

Potassium (K) as Potassium Sulphate: 5%

FOLIMAX Strength Si Product Characteristics:

pH: 9.0

Specific Gravity: 1.23

Appearance: Dark Grey

Solubility: Not soluble, suspension

Key Benefits of FoliMAX Strength Si

- Highly concentrated silica, calcium and potassium
- Ideal tool for increasing turfgrass tolerance to environmental stresses
- Improve plant tolerance to salinity and poor irrigation water quality
- Optimise resistance to pest and disease attack
- Surfactant package included in formulation for optimum spreading and plant uptake
- Premium formulation made from finely milled calcium silicate
- Perfect fit for the management of intensively managed sportsturf
- Improving the quality of the cut and therefore enhanced playing surface
- Manufactured in Australia.

Silica in Sportsturf

Silica (Si) is known to have a vast array of benefits to the physiology of turfgrass. Si plays an important role in strengthening the cellular and intercellular materials. It is taken up by the turfgrass via the roots or foliage, where it is then translocated and deposited into the plant tissues where it plays its role in strengthening the cellular and intercellular structures. This occurs in various locations of the turfgrasses physiology resulting in overall increased strength and tolerance to environmental and pathogenic stresses.

Although Si is the second most abundant element in most soils, plant deficiencies are common. Si is made inaccessible to plants in soils as it is usually present in a complexed form, preventing its availability to the plants. Plants exhibiting Si deficiency usually have leaves lacking rigidity and decreased photosynthetic activity. With added calcium an important nutrient for cell strength and function, greatly increases the wear tolerance and general stress resistance of the turfgrass.

Environmental Stresses

The strengthening of cellular materials within the plant tissues results in many improvements in the plants ability to withstand environmental stresses. When FoliMAX Strength Si is applied prior to and during the summer months it can improve transpiration efficiency thus resulting in optimised water economy within the plant. The result is a turfgrass that can better withstand the vigors of drought and heat. Additionally, throughout periods of drought, prolonged irrigation water can also result from a damaging build up of detrimental salts within the soil. Regular applications of silica have been shown to assist the plant in overcoming the effects of these salts.

When applied prior to and during the winter months, FoliMAX Strength Si can prove just as effective. The synergistic activity of the silica, calcium and potassium results in greater tolerance to cold stresses and a direct improvement in the plants tolerance to frost damage.





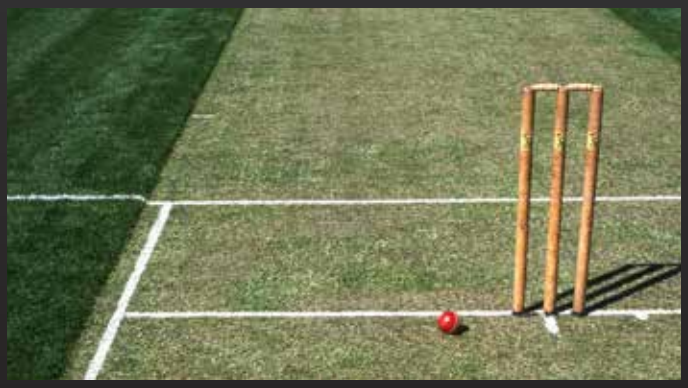
Improved Pest and Disease Resistance

Studies have been conducted highlighting the ability of Si to enhance the turfgrass ability to resist infection against pathogens. Most pathogens of turfgrasses infect the plant through the epidermal tissue. Applications of Si assist plant health by strengthening the cell walls in the epidermis of turf roots, stems and leaves enhancing the physical barrier against pest and disease organisms.

The FoliMAX Strength Si Formulation

FoliMAX Strength Si formulation contains 9% Silica, 2% Calcium and 5% Potassium in a readily available form for turfgrasses. FoliMax Strength Si's formulation, provides excellent absorption and delivery of Si, Ca and K to plants alleviating deficiency symptoms and perfect for the management of intensively managed sportsturf.

FoliMAX Strength Si is the culmination of years of research and development and the result of a colaboration of three industry leading Australian production companies. Like the rest of the FoliMAX range, FoliMAX Strength Si contains premium ingredients to provide Australian turf managers with a premium option for the prevention and correction of silica deficiencies.







Flexibility in application rates with FoliMAX Strength Si

Apply FoliMAX Strength Si as part of a complete nutritional program throughout the growing season as a spray application on all turf grasses and most landscape plants. Apply in a convenient volume of water no less than 400L / Ha. Avoid mowing for 24 hours following an application. Do not apply when temperatures exceed 30°C.

APPLICATION RATE CHART		
Situation	**Rate**	**Comments**
Turf	5 – 10 L/ha	Apply in a minimum of 400L of water per hectare. Repeat every 2-3 weeks prior to and during periods of plant stress.
Landscape Plants & Ornamentals	4L / 100L water	Apply as a foliar spray to plants to enhance stress resistance or to address and prevent silica deficiencies.

FOR MORE INFORMATION ON FoliMAX Strength Si
CONTACT YOUR LOCAL TERRITORY MANAGER
OR CALL 1800 631 008.
www.nuturf.com.au
EMAIL: FoliMAX@nuturf.com.au

OTHER KEY PRODUCTS IN THE FoliMAX RANGE

FoliMAX NFE 15-0-0 + 6% Fe, 2% Mn

A reliable, highly available liquid iron and manganese formulation with an ammonium stabilised nitrogen source, designed to correct iron deficiencies, maintain plant growth and enhance turf colour and presentation.

NUTURF FoliMAX® NFE 15% N, 6% FE, 2% MN AMMONIUM STABILISER & FE EDTA CHELATE TECHNOLOGY

FoliMAX Turbo 20-0-10

A nitrogen and potassium fertiliser solution containing nitrogen in the unique form of SRN-IQ, and the chloride free, dual potassium source.

NUTURF FoliMAX® TURBO 10-0-20 SRN-IQ & DUAL POTASSIUM TECHNOLOGY

NUTURF®
SPECIALISTS PROVIDING SOLUTIONS

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