

# TURF KING

## Silica Fertiliser

### Advantages

Easy application and compatibility with immediate plant uptake and proven compatibility with a wide range of crop protection chemicals.

Fixes plant nutrient deficiency as it bypasses the micro-nutrient requirements from the soil, instead delivering them through the leaf.

Improved leaf erectness and stem strength that aids the control of iron and manganese toxicity.

Reduced lodging because of the improved cellular structure of the plant.

Bypasses soil deficiency by applying the most efficient method of delivering the plant's immediate nutrition needs through the leaf.

Handles environmental conditions better because it gives the plant more energy to deal with environmental stresses associated with inadequate rainfall, changing weather patterns, variations in soil, pests and other external conditions.

Stronger plants to resist disease as plant and crop safety is ensured by investing greater strength to the plant so that infection from disease and handling can be resisted.

Quality manufacture using superior materials to formulate reliable, stable and trusted products with the highest level of quality control.

## Enriched Fertiliser for Turf Surfaces and Enterprises

**Turf KING Silica** is a balanced liquid fertiliser specially formulated for use in recreational and commercial turf enterprises such as golf fairways, turf farms, sportsgrounds and pitches. Silicon is often a forgotten element, but has many benefits and plays an important role in the strengthening of the plant cell walls. This in turn helps the plant produce a protective outer layer resulting in stronger, more resilient growth and playing surfaces. Ensuring that sufficient potassium is present at early plant establishment is also crucial. **Turf KING Silica** delivers the ideal mix of nutrient elements in a foliar product for fast and effective management of turf surfaces.

**Turf KING Silica** is a highly specialised product with a clear advantage for all turf surfaces.

### Easy on Equipment

**Turf KING Silica** is a high quality solution, easy to mix, quick to disperse and friendly on automated spraying equipment. It is also easy to manually apply with spraypack when spot fertilising is necessary.

### The Importance of Silicon

Silicon plays an important role in plant physiology. It is widely documented that the range of silicon in plant tissue ranges from 0.1% of dry matter up to as much as 10%. Silicon enters the plant and accumulates around the epidermis of roots and shoots. There it forms a protective gel, and works with other elements to stabilise the plant's cell walls. This in turn endows the plant with the ability to handle a wide range of environmental conditions and stresses. Silicon has the ability to improve plant strength and structure and the advantage of this can be seen through reduced lodging. It is a vital nutrient element.

### The Importance of Potassium

Potassium contributes to soil fertility by maintaining favourable soil pH. This in turn is essential for microbial activity as crop residues are converted to organic matter and nutrients are made available to the plant. Soil structure and water holding capacity are also improved with adequate potassium. Soil acidity can restrict crop growth due to increased presence of harmful concentrations of other elements such as iron, aluminium and manganese.



**Potassium Deficiency in Turf**

RLF



Australian-owned Formulator, Manufacturer and Supplier of High-analysis Broad-spectrum Liquid Fertiliser technologies. For over 25 years RLF's products have been used by millions of farmers and growers world-wide.

ISO 9001 Quality Assured  
Company since 1998.



## METHODS OF APPLICATION



Manual  
Application



Machine  
Application

## ANALYSIS

**TURF  
KING**  
Silica Fertiliser

### MACRO NUTRIENT

Potassium (as K<sub>2</sub>O)

%w/w

### MICRO NUTRIENT

Silica (as SiO<sub>2</sub>)

%w/w



#### Member Login

Please login to be able to view this detail



Not a member yet?  
[Register Here](#)

**LOG IN**

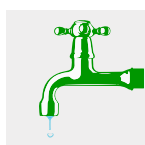
## APPLICATION GUIDE

Crop Type	Dilution in Water	Application Rate
All turf surfaces, Golf courses, turf farms, sports grounds and turf pitches	60x	3L to 4L per hectare
Crop Type	Best Timing Applications Minimum Preferred	1 2 3 4 5 6 7 8 9 10 11 12 month
All turf surfaces, Golf courses, turf farms, sports grounds and turf pitches	3 times	

## HOW TO MIX



Shake  
Vigorously



Mix  
with Water



Mix with  
other Chemicals



### Product Compatibility + Jar Testing

DO NOT mix with alkaline copper fungicides or inoculants. If you are unsure, we recommend a simple jar test of products. Mix together and check if reaction occurs.

### Precautions

Non-toxic product. Avoid unneeded contact. Keep out of the reach of children. If contact is made with eyes, immediately rinse with plenty of water. If swallowed, seek medical attention.

WARNING : DO NOT mix with alkaline copper fungicides or inoculants.