



# SILI-MAX<sup>®</sup>

Optimal Growth Manager

## Guaranteed Analysis

Silica (SiO<sub>2</sub>).....21.00%

### Derived From:

Sodium Silicate.

### Additional Contents:

Micro Carbon Technology<sup>®\*</sup>

### Physical Properties:

Form: Liquid

Appearance: Slightly hazy amber, having a unique characteristic odor.

Weight: 10.6 lb/gal, 1.15 kg/L

pH: 11.0–12.0

### Caution:

**Keep out of reach of children.**

**Harmful if swallowed.**

**The liquid and mists may be severely irritating to the eyes. The liquid and mists may cause irritation to the skin and respiratory tract.**

**This product may be slightly corrosive to aluminum, magnesium, lead, tin, and zinc.**

### Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

### Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

## The Solution for Improved Silica Nutrition in Grasses and Turf

Huma Gro<sup>®</sup> Turf SILI-MAX<sup>®</sup> carbon-complexed with Micro Carbon Technology<sup>®</sup> is a highly available source of silica, which is essential in grasses for stronger heads, shoots, and blades. It increases the strength and rigidity of turf.

### Benefits of Use:

- Essential in turf for stronger heads, shoots, and blades
- Increases the strength and rigidity of the plant cells
- Strengthens cell walls
- Reduces the tendency of grasses and turf to wilt during the initial stages of drought
- Increases resistance to environmental stresses

### Deficiency Symptoms—When to Apply:

- Weak plant cell structure
- Inadequate silica levels in tissue or soil analysis

### Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. Consult your local Huma Gro<sup>®</sup> Turf representative or agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	Rate per 1,000 ft <sup>2</sup> , 100 m <sup>2</sup>	Rate per Acre, Hectare
Foliar broadcast or fertigated through sprinkler system	Up to 1 oz/1,000 ft <sup>2</sup> 72 mL/100 m <sup>2</sup>	Up to 1 qt/ac 1 L/ha
Soil applied through drip tape or micro sprinklers	Up to 1 oz/1,000 ft <sup>2</sup> 72 mL/100 m <sup>2</sup>	Up to 1 qt/ac 1 L/ha
Soil broadcast spray incorporated	Up to 1 oz/1,000 ft <sup>2</sup> 72 mL/100 m <sup>2</sup>	Up to 1 qt/ac 1 L/ha



Powered by  
**MICRO CARBON  
TECHNOLOGY<sup>®</sup>**

*\*This Product Contains Micro Carbon Technology<sup>®</sup>, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*