



# SILI-MAX®

Optimal Growth Manager

## Guaranteed Analysis

Silica (SiO<sub>2</sub>).....20.00%

### Derived From:

Sodium Silicate.

### Also Contains Non-Plant Food Ingredient:

0.05% Organic Matter (derived from leonardite)

### Physical Properties:

Form: Liquid

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

Weight: 10.60 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 Crops

Huma Gro® SILI-MAX® carbon-complexed with Micro Carbon Technology® is a highly available source of silica, which is essential in grains and grasses for stronger heads, shoots, and blades. It increases the strength and rigidity of the plant cells to prevent lodging or flopping.

### Benefits of Use:

- Essential in grains, grasses, and turf for stronger heads, shoots, and blades
- Increases the strength and rigidity of the plant cells
- Strengthens cell walls to prevent flopping or lodging
- Reduces the tendency of crops 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® representative or agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

| METHOD OF APPLICATION   | SUGGESTED RATE                            |   |
|---|---|---|
|   | Field Crops/ Tree or Vine Crops           |   |
| Foliar band application at 50% coverage                                   | Up to 4 ounces/acre,<br>350 mL/hectare    | —   |
| Foliar broadcast or sprinklers:<br>solid, set, pivot, linear (100% speed) | Up to 1 cup/acre,<br>700 mL/hectare       | Up to 1 pint/acre,<br>1.25 liters/hectare |
| Soil banded or injected, through drip tape<br>or micro sprinklers         | Up to 1 cup/acre,<br>700 mL/hectare       | Up to 1 pint/acre,<br>1.25 liters/hectare |
| Soil broadcast spray incorporated, flood<br>or furrow irrigated           | Up to 1 pint/acre,<br>1.25 liters/hectare | Up to 1 quart/acre,<br>2.5 liters/hectare |



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