

# AgSil<sup>®</sup> 16H

## Foliar and Soil Available Bionutrient

### Guaranteed Analysis:

**Silica (SiO<sub>2</sub>)..... 53%**

**Potassium (K<sub>2</sub>O).....32%**

**Derived from Potassium Silicate**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION / PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

Manufactured for: Certis USA  
9145 Guilford Rd. Suite 175 Columbia,  
MD 21046 Tel: 1-800-250-5024

**CERTIS USA**  
The Biopesticide Company

### GENERAL INFORMATION:

**AgSil<sup>®</sup> 16H** is a soluble form of potassium silicate providing the plant a 100% available source of silicon and potassium that are essential for optimum plant growth and health. Potassium Silicate strengthens the plant's internal processes and external defenses. AgSil 16H low salt index makes it extremely safe to all crops including sensitive crops. AgSil applied in the soil or foliar aids the plant during periods of drought, extreme temperatures, cold, frost, heat stress, salinity and mineral toxicity (Al,Cd,As,Mn,Fe) and other abiotic stresses. AgSil 16H activates the plants immune system helping it to resist against foliar and soil diseases caused by fungi, bacteria, nematodes, viruses and other biotic stresses. Based on the crop, AgSil 16H should be applied as a foliar spray or to the soil using ground equipment or irrigation systems. AgSil 16H can be incorporated into most spray tank mixes.

**Caution: Always add AgSil 16H first to the spray tank water. A jar test is recommended to test compatibility when new or unfamiliar tank mix combinations are used.**

### GENERAL USE RECOMMENDATIONS

**GROUND APPLICATIONS:** Apply 1 to 3 pounds per acre in sufficient water for thorough spray coverage.

**AERIAL APPLICATIONS:** Apply 1 to 3 pounds per acre in minimum of 5 gallons of water per acre.

**IRRIGATION (Sprinkler, Drip, Pivot):** Apply 2 to 5 pounds per acre through irrigation system.

### Application and Rate Instructions:

**TURFGRASS and SOD:** Apply 1 to 2 ounces per 1000 sq. ft. every 7 to 14 days. If turf is under stress application interval can be increased to achieve desired result.

**ORNAMENTALS, NURSERY, GREENHOUSE:** Apply 1 to 2 pounds per 100 gallons of water.

**HYDROPONICS SOLUTIONS:** Add 2.5 to 5 ounces per 100 gal of water. Resulting mixture should then be buffered to the optimum pH for nutrient solution and specific crop feeding.

**VEGETABLES:** Apply 1 to 3 pounds per acre. For best results apply a minimum of 3 applications.

**POTATO and other TUBER CROPS:** Apply 1 to 3 pounds per acre from planting to defoliation for plant health and to aid in skin set and sizing.

**VINES, TREE NUTS, FRUIT TREES:** Apply 1 to 5 pounds per acre. First application at pre-bloom. For best results apply a minimum of 3 applications.

**BUSHBERRY AND CANEBERRY:** Apply 1 to 3 pounds per acre. First application at pre-bloom.

**ROW CROPS:** Apply 1 to 3 pounds per acre. Higher rates or more frequent applications may be required to correct deficiencies.

**SUGARCANE and RICE:** Apply 2 to 5 pounds per acre. For best results apply a minimum of 2-3 applications. Apply at 28 to 42 day intervals. Higher rates or more frequent applications may be required to correct deficiencies.

**SOIL APPLICATIONS:** May be made pre-plant, side dress or in irrigation at 2 to 5 pounds per acre.

### **FIRST AID**

**If in eyes** • Hold eye open and rinse slowly and gently with water for 15-20 minutes.

- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### **If on skin or clothing**

- Take off contaminated clothing.
- Rinse skin with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Product Safety Hotline 1-866-359-5667 day or night, for emergency medical treatment information.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**Storage:** Keep product in original container. Keep container tightly closed when not in use. Store product above 40°F. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers. Protect from excessive heat. Store in a cool, dry place.

### **WARRANTY**

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. To the extent required by law, Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.**