BIONUTRIENT

AGSIL: SOLUBLE SILICATE FOR ORNAMENTALS, CEA CROPS AND HEMP APPLICATIONS

What is AgSil?

AgSil® contains potassium silicate, an important bionutrient that provides plants a readily available source of silica in the form of monosilicic acid. AgSil potassium silicate helps plants to resist toxicity from phosphorous, manganese, aluminum and iron and increases tolerance to salt. AgSil potassium silicate also aids in resistance to drought by reducing water loss, and in some cases it may increase growth and resilience.

Crop Flexibility

Wide range of crop flexibility including but not limited to:

- *Ornamentals*
- *Turf*
- *Sunflower*
- *Tomato*
- *Lettuce*
- *Strawberry*
- *Cucurbits*
- *Hemp*

AgSil Features

- Improves growth and quality of plants
- Improves cell wall and stem strength
- Alleviates mineral stress (toxicity)
- Chelates heavy metals
- Alleviates climate stress (plant shock)
- Plant available and completely soluble

AgSil Products

- AgSil 16H - hydrous powder - 53% silica/13% potassium
- AgSil 21 - concentrated liquid - 26.5% silica/13% potassium
- AgSil 25 - concentrated liquid – 21% silica/ 8% potassium

APPROXIMATE AGSIL POTASSIUM SILICATE APPLICATION RATES			
Nutrient Solution - 100ppm SiO_2 (w/w)			
	AgSil 16H	AgSil 21	AgSil 25
Lb. (fl. oz) in 100 gal H_2O	0.16 lb. (2.6 oz.)	0.32 lb. (3.5 fl. oz.)	0.40 lb. (4.9 fl. oz.)
ppm K_2O	65	48	40
Foliar Spray - 1,000 ppm SiO_2 (w/w)			
	AgSil 16H	AgSil 21	AgSil 25
Lb. (fl. oz) in 100 gal H_2O	1.6 lbs. (26 oz.)	3.2 lbs. (35 fl. oz.)	4.0 lbs. (49 fl. oz.)
ppm K_2O	648	485	400





MADE IN USA

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