

## Pro N Silica 8-0-0



### Descriptions - Specifications

**PRO N Silica 8-0-0** is an Opaline Form (SiO<sub>2</sub>) with N. It is compatible with ALL other nutrients with better translocation.

**Pro N Silica 8-0-0** is one of the most important plant nutrients that is extracted from plants. Other Silicons (silicate) are high pH and not compatible with other nutrients. Plants store only the opaline form. For use on other plants, silica requires a protein (a neutral carrier such as plant derived protein N) to take it to its final destination, like Explorer 16-0-0 in Pro N Silica 8-0-0.

### Pro N Silica 8-0-0

- Improves heat and drought tolerance
- Resistance to fungal and bacterial disease
- Improves stem/leaf tensile strength and cell walls. It is compression resistant
- Leaves with high silicon have higher chlorophyll improving light interception hence photosynthesis. Will rectify an imbalance of Zn and Phosphorus supply.
- Improves leaf thickness, root fresh weight, and reduce leaf wilting
- Antagonistic to chewing insects

### Available Containers



10 lbs



Explorer 16-0-0



Explorer 16-0-0



Silica

### Uses

Foliar Fertigation

Agroplasma, Inc., dba Ferticell  
5865 S. Kyrene Suite 1 Tempe, AZ 85283  
330-361-1300

### GUARANTEED ANALYSIS

Composition	Percentage (w/w)
Total Nitrogen (N)	8%
Ammoniacal Nitrogen	0.243%
Nitrate Nitrogen	0.007%
Water Soluble Nitrogen	7.75%

### PHYSICAL PROPERTIES

State:	Powder
Color:	Light grey
Density:	6.80± 0.1
pH:	6.23 <1.00
Solubility	Soluble

### GENERAL USAGE AND DOSAGE RECOMMENDATIONS

Crop	Foliar dose	Fertigation dose
Fruit trees (Citrus fruits, Apples, Pears, Blueberries, Almonds, Cherries, Peaches, Avocado, Mango, Banana, etc)	.5 -2 pound/acre	.5 -2 pound/acre
Horticultural crops: (Tomato, Potato, Cucumber, Melon Courgette, Cauliflower, Onion, Carrot, Pepper, etc)	.5 -2 pound/acre	.5 -2 pound/acre
Extensive crops: (Cereals, Alfalfa, Cotton, Beetroot, Corn, Sunflower, etc)	.5 -2 pound/acre	.5 -2 pound/acre

- The specified dosages are general recommendations. The amounts depend on the crop, phenological state, level of deficiency and soil type.
- The physical and appearance characteristics of the product may be altered due to the ecological nature of the product.
- Use under technical advice. Keep it at room temperature.
- Product suitable for: Formulation of liquid fertilizers. Fertilizers of soil.
- Important notes:
  1. Stable under normal temperature conditions ambient.
  2. In fertigation applications, divide the input being as a maximum: 9 lbs/acre, at intervals of 10- 15 days.
  3. It is compatible with the majority of phytosanitary products and fertilizers and with the majority of herbicides.
  4. Applied both as a foliar, fertigation and irrigation for all crops during any stage of vegetative cycle. Low rates are weekly maintenance. High rates are for corrective requirements.
- Storage Conditions: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. See SDS for Hazards, First Aid and other emergency information.