

## CrossOver® Ag Products

**CrossOver®** products are produced with high-quality, plant available, soluble silicon in the form of monosilicic acid. **Plants can only absorb silicon (Si) in the form of (H<sub>4</sub>SiO<sub>4</sub>).** CrossOver's proprietary formulation enables users to take advantage of soil amending properties while building plant-available silicon reservoirs for season-long requirements.

### Chemical\* Composition (Typical)

Calcium ,%	26.9
Magnesium, %	6.7
Water Soluble Magnesium, %	0.05
Soluble Silicon (H <sub>4</sub> SiO <sub>4</sub> - Plant Available Silicon)**	1.95
Silicon Dioxide (SiO <sub>2</sub> )	22.6

### Physical Composition (Typical)

Bulk Density, lbs./ft <sup>3</sup>	72
Crush Strength, lbs./ft (applicable for 200/300 SGN)	7.6
Color	Gray
pH	12
Available SGNs	280

### Particle Size Analysis (Typical)

<b>US Standard Sieve Size;</b>	
20 Mesh, %	99.5
60 Mesh, %	84.0
100 Mesh, %	68.8

### Liming Data

Calcium Oxide (CaO), %	38
Calcium Carbonate (CaCO <sub>3</sub> ), %	65
Magnesium Oxide (MgO), %	10
Magnesium Carbonate (MgCO <sub>3</sub> )	27
CCE, % (Calcium Carbonate Equivalent-by titration)	95

\* Heavy metals are well below allowable limits

\*\* Turf & crops only take up silicon as monosilicic acid (H<sub>4</sub>SiO<sub>4</sub>)