



Product Specification Sheet

CrossOver® Turf 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 (H₄SiO₄).** 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, %	25.7
Magnesium, %	6.5
Water Soluble Magnesium, %	0.1
Soluble Silicon (H ₄ SiO ₄ - Plant Available Silicon)**	2.1
Silicon Dioxide (SiO ₂)	21.3

Physical Composition (Typical)

Bulk Density, lbs./ft ³	72
Dispersion, %	100%/ 15 min.
Crush Strength, lbs./ft (applicable for 200/300 SGN)	7.2
Color	Gray
pH	11.6
Available SGNs	100 & 200/300

Particle Size Analysis (Typical)

US Standard Sieve Size;	
20 Mesh, %	99.5
60 Mesh, %	84.0
100 Mesh, %	68.8

Liming Data

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

* Heavy metals are well below allowable limits

** Turf & crops only take up silicon as monosilicic acid (H₄SiO₄)