



Product Specification Sheet

CrossOver® Hort Products

CrossOver® Hort 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)

	100SGN	SM
Calcium, %	26.6	27.8
Magnesium, %	6.5	7.7
Water Soluble Magnesium, %	0.01	0.1
Molybdenum, %	0.006	0.007
Soluble Silicon (H ₄ SiO ₄ - Plant Available Silicon)**	2.4	2.7
Silicon Dioxide (SiO ₂)	22.9	22.9

Physical Composition (Typical)

Bulk Density, lbs./ft ³	97
Crush Strength, lbs./ft (applicable for 200/300 SGN)	1.4
Color	Gray
pH	12.4
Available SGNs	100 & SM (Soilless Mix)

Particle Size Analysis (Typical)

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

* Heavy metals are well below allowable limits

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