

Solu-cal

Sulfur MAXXTM

Soil pH Reducer

- Reduces soil pH more efficiently than regular sulfur
- Adds soluble Ca to relieve excess sodium
- Dust-free fairway sized granule, 190 SGN
- Impregnated with PHCA  technology

Targets



Solu-Cal USA
www.solu-cal.com
508-500-2745
West Wareham, MA 02576

Sulfur MAXX™

SOLU-CAL Sulfur MAXX contains super-finely ground sulfur plus soluble Ca and is formulated with polyhydroxycarboxylic acids (Carboxy technology PHCA), which is derived from plant extracts in a patented process.

Guaranteed Analysis

Calcium (Ca) 17.00%
Sulfur (S) 45.00%
Bentonite Clay 5.00%

Contains 2% PHCA Carboxy Organic Acid as a complexing agent.

Directions For Use. Apply only as directed.

For best results when applying to existing turf, apply **Sulfur MAXX** in conjunction with core aeration. Do not apply when turf is under heat and/or drought stress. Water in thoroughly immediately after application. Do not exceed 1.0 lbs. actual Sulfur/1,000 sq. ft. on putting greens.

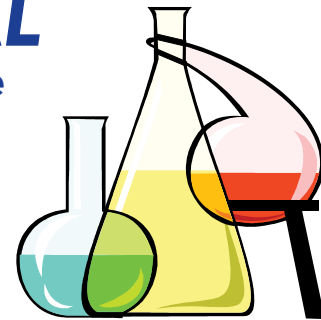
Application Rates:

For high pH soils or Sulfur deficiency

Over the top turf application - 300 lbs./acre (7.0 lbs/1,000 sq. ft.) delivers 3.4 lbs. Sulfur/1,000 sq. ft. (50 lb. bag covers 7,300 sq. ft.) This rate at 190 sgn will deliver 6 particle/sq. in. for complete particle coverage yielding excellent Sulfur distribution.

Incorporated for turf establishment 4" to 6" soil depth - Apply at 750 lbs./acre delivering 8.5 lbs. Sulfur/1,000 sq. ft. for low CEC soils and/or sandy soil. Apply at 1,500 lbs./acre delivering 17 lbs. Sulfur/1,000 sq. ft. for high CEC soils and/or clay soils.

SOLU-CAL
products utilize
cutting edge
Carboxy
technology
PHCA.



PHCA acts as a nutrient mining agent assisting the plant to solubilize applied nutrients and accumulated nutrients already present in the soil.

- Helps plant solubilize and actually extract nutrients from the soil while increasing translocation of nutrients in the plant
- PHCA is extremely effective when impregnated onto a Sulfur/Calcium source. When applied, it works immediately aiding the plant in solubilizing the applied Sulfur/Calcium.
- PHCA shows consistent performance in increasing nutrient soil activity, increasing soil health, plant vigor and nutrient uptake.



Lowering Soil pH with Sulfur on Turfgrass

Mode of Action:

Sulfur is oxidized by soil bacteria, thereby forming sulfuric acid which is the substance that lowers soil pH. Warm temperatures, good moisture and mechanical aeration are required for Sulfur oxidizing bacteria to function. Sulfur oxidation is minimal at soil temperatures less than 50°F. Consequently, Sulfur oxidation in the winter can be limited. Sulfur that lies 'dormant' in the winter will be oxidized when warmer temperatures occur. At 75°F, the Sulfur oxidation rate is approximately 15% of that at 85°F. Applications are best made when temperatures are warm enough for the bacteria to oxidize the Sulfur (70° - 85°F), but not hot enough to accentuate tissue burn.