

Solu-Cal

Sulfur MAXX™

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 **pH:Ca** Technology*

Targets



**CENTAUR**
ASIA PACIFIC
Hong Kong | Singapore | Vietnam | Malaysia

For more enquiries on these products,
please email us now.
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**Solu-Cal** USA

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Sulfur MAXX™

SOLU-CAL Sulfur MAXX contains super-finely ground sulfur plus soluble Ca and is formulated with polyhydroxycarboxylic acids (PHCA Technology), 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.

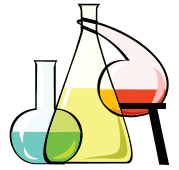
Incorporated for turf establishment 4" to 6" soil depth –

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

pH:Ca  **Technology**



PHCA enhances the plant's ability to convert vital nutrients into an available form for plant uptake and soil pH adjustment.

- 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 and the accumulated Sulfur/Calcium in the soil from previous applications.
- PHCA shows consistent performance in increasing root development, increasing plant health, 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.