

# Solu-Cal SOLU-CAL S Enhanced Gypsum

with **INTENSIFY**  
Soil Microbial BioCatalyst



Powered by  
**INTENSIFY** Soil Microbial BioCatalyst



**Ideal for Sodium and Salt abatement,  
Aerating Compacted Soil**



**Probiotics to Release  
Nutrient Reserves**

**Solu-Cal S Enhanced Gypsum with INTENSIFY Soil Microbial Biocatalyst** is a powerful formula of soluble Calcium & Sulfur complexed with a powerful blend of beneficial active microbes. Solu-Cal S helps to increase water penetration by aerating compacted soil and flushing excess sodium without affecting pH level. **INTENSIFY Soil Microbial BioCatalyst** stimulates beneficial microbial activity in the soil to promote nutrient efficiency by releasing nutrients in the soil.

### Guaranteed Analysis

Calcium (Ca) .....	21.0%
Sulfur (S) .....	16.0%
Calcium Sulfate Dihydrate (CaSO <sub>4</sub> . 2 H <sub>2</sub> O) .....	86.0%
Calcium Sulfate (CaSO <sub>4</sub> ) .....	60.0%

**Available in Coarse Grade (210 SGN) and Micro (95 SGN)  
50lb bags and 2,000lb bulk bags**

### With INTENSIFY Microbial Package

<i>Paenibacillus polymyxa</i> .....	150,000 cfu per gram
<i>Bacillus subtilis</i> .....	150,000 cfu per gram
<i>Bacillus pumilus</i> .....	150,000 cfu per gram
<i>Bacillus licheniformis</i> .....	150,000 cfu per gram
<i>Bacillus amyloliquefaciens</i> .....	150,000 cfu per gram
<i>Bacillus megaterium</i> .....	150,000 cfu per gram
<i>Azospirillum amazonense</i> .....	150,000 cfu per gram
<i>Azospirillum lipoferum</i> .....	150,000 cfu per gram
<i>Trichoderma harzianum</i> .....	150,000 cfu per gram

### Application Rates

- TO MAINTAIN OPTIMUM GROWING CONDITIONS  
Coverage 8300 sq ft. Apply 6 lbs per 1000 sq ft or 260 lbs per acre through the growing season.
- TO CORRECT HIGH SODIUM OR HIGH CEC|HEAVY CLAY SOILS:  
Coverage 4000 sq ft. Apply 12.5 lbs per 1000 sq ft or 550 lbs per acre.

To assure complete and even coverage, apply at half rates in two directions. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected.

# Solu-Cal USA

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**INTENSIFY** Soil Microbial BioCatalyst

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# SOLU-CAL S

## Enhanced Gypsum

21% Calcium • 16% Sulfur

- Ideal for Sodium and Salt abatement
- Reduces soil bicarbonate levels
- Aerates high CEC (heavy) and sandy soils
- Increases water penetration
- Contains university recommended source for Calcium Sulfate, Dihydrate Mined Gypsum
- Provides both Soluble Calcium and Sulfate Sulfur to soil
- Finely ground to pass 325 mesh (before pelletizing) for maximum availability
- Dihydrate Gypsum 80% soluble in water - significantly more soluble than synthetic products averaging only 23% solubility
- 50 lb bag covers 4,000 sq.ft. to 8,000 sq.ft.; 555 lbs/acre to 260 lbs/acre
- Available in Coarse Grade 210 SGN and Micro Grade for Greens/Short Cut Turf 70SGN
- Formulated with beneficial microbes to significantly increase nutrient availability and efficiency while decreasing use rates.

### Maximum Nutrient Availability

A unique formulation of soluble Calcium complexed with INTENSIFY Soil Microbial BioCatalyst



50 lb bag covers  
4,000 sq.ft. to 8,000 sq.ft.;  
555 lbs/acre to 260 lbs/acre

## Powered by INTENSIFY Soil Microbial BioCatalyst



- INTENSIFY Soil Microbial BioCatalyst breaks down insoluble compounds formed when Calcium bonds with Phosphate, unlocking organic acids which solubilize the Calcium Phosphate more effectively.
- INTENSIFY Soil Microbial BioCatalyst helps solubilize and release nutrients in the soil which increases nutrient availability to the plant, promoting healthy growth.
- INTENSIFY Soil Microbial BioCatalyst promotes enhanced mineralization of nutrients locked in the soil, as well as working quickly to aid the plant in solubilizing applied nutrients (including P, K, Fe, Mg, and Mn).