



# ***Solu-Cal***

***Powered by  
INTENSIFY Soil Microbial BioCatalyst***

**Enhanced Calcium Soil Amendments for**

- **Lawn & Landscape**
- **Golf & Sports Turf**
- **Hydro Seed**
- **Specialty Agriculture**
- **Wildlife Plots**

**Visibly faster  
results that save  
time & money**

**[solu-cal.com](http://solu-cal.com) • (774) 678-0288**

*by Growmark FS, LLC*

# UNIVERSITY TESTED.

## ***Solu-Cal PLUS***

### **ENHANCED HIGH CALCIUM LIME**

Pure, ultra fine ground to 45 microns pelletized calcium carbonate (36%) is complexed with our innovative microbial biocatalyst.



**INTENSIFY Soil Microbial BioCatalyst** enhances the plant's ability to convert both the applied and stored calcium into an immediately available form for plant uptake and soil pH adjustment.

- University tests show that **SOLU-CAL** gives equal or better results for pH adjustment than traditional pelletized limestone, which can take 10 - 12 months.
- **SOLU-CAL** adjusts pH in 6 - 8 weeks.
- **SOLU-CAL** costs the same and often times less than the equivalent amount of lime.
- Save time, labor and space with **SOLU-CAL**, with 75% fewer bags to handle and spread.
- **SOLU-CAL** increases seedling vigor and stand density.
- Dust-free formula is ground finer than 45 microns before pelletizing.

Available in 30 lb., 50 lb. and 2,000 lb. bags.  
210 SGN and 75 SGN (Micro)

## ***Humic+PLUS***

### **SOIL ENHANCER**

The Power of Activated Humic Fulvic Acid teamed with Solu-Cal Soluble Calcium in a low dust pellet.



Now powered by **INTENSIFY Soil Microbial BioCatalyst**.

- Complements traditional fertilizer programs
- Provides essential carbon to stimulate soil microbes
- Enhances soil CEC & soil moisture retention
- Maximizes use of stored and applied nutrients
- Supplies 12 lbs. Activated Humic Acid/acre

30% Solu-Cal Soluble Calcium  
6% Activated Humic / Fulvic Acid

50lb bag covers 11,000 sq.ft.

**Visibly faster results that save time & money.**  
**With innovation made in nature.**

## ***Aqua-*** ***with Humic+PLUS***

### **Multi Functional infiltration and hydration soil surfactant**

Infiltration and hydration surfactants working together to create a balanced uniform wetting front while reducing standing water at the surface

50lb bag covers 11,000 sq. ft.

- Increases plant uptake of N and P
- Provides oxidized carbon to condition soil and stimulate microbes & bacteria
- Increases root mass surface area and seedling turf density
- Supplies 26 oz. Aqua-Ca/acre for 6 weeks of improved water use efficiency
- More efficient use of irrigation & rain water
- Increases soil moisture movement and retention in the root zone
- Increased water penetration & reduced runoff
- Now with **INTENSIFY Soil Microbial BioCatalyst**



# INDUSTRY PROVEN.



## SOLU-CAL L

Liquid Calcium 6-0-0 8% Ca



- Adjusts pH faster & lasts longer than liquid lime
- Increases seedling vigor and stand density
- Will increase exchangeable Ca ppm and Ca base saturation
- Requires less product than liquid lime, is easier to handle, and is easier on pumps
- Leaves no residue and doesn't settle out in tanks
- With *pHCa Humic Acid Technology*
- Ca & N derived from premium quality Calcium Nitrate

### SOLU-CAL L Application Rates

**Hydro Seeder:** As an additive for pH maintenance and germination enhancement, apply 5 gal in 100 gal/A

**Turf Rate:** 7 oz. to 14 oz./month or with spray program.

## SOLU-CAL S

ENHANCED DIHYDRITE GYPSUM



### More Powerful than Traditional Gypsum

- Increases aeration of soil to create pore space
- Displaces sodium from the soil from effluent irrigation water, deicing agents, and dog urine
- Saves time, labor and space; 75% fewer bags to handle and spread
- Ground to 325 mesh before pelletizing
- Contains *INTENSIFY Soil Microbial BioCatalyst* to deliver beneficial microbes to the soil

Calcium (Ca) ..... 21.0%  
Sulfur ..... 17.0%

### For all uses:

apply 12.5 lbs./1,000 sq.ft. or 550 lbs./acre.

## Powered by *INTENSIFY Soil Microbial BioCatalyst*

Calcium for Maximum Nutrient Availability



Probiotics to Release Nutrient Reserves & Enhance Fertilizer Efficiency



Multiple Solutions for Maximum Profitability

*Solu-Cal products are powered by INTENSIFY Soil Microbial Biocatalyst*, a unique powerhouse of beneficial microbial bacteria and fungi. Most soils are deficient in active microbes, making any treatment applied much less effective than intended. *INTENSIFY Soil Microbial Biocatalyst* delivers hundreds of thousands of viable microbial units to soil, which allow applied nutrients to get to work and become more effective with lower application rates.

Solu-Cal products also supply essential soluble Calcium to the soil. Calcium is vital for the formation of roots, stems and new growth in plants. Enhanced Calcium helps raise soil pH to promote ideal growing conditions, and makes stored & applied nutrients more available to the plant and soil. Improved nutrient uptake efficiency makes fertilizer applications more effective, requiring less product and saving time and money. In soils where pH is already high, Solu-Cal S Enhanced Gypsum can add a maintenance level of Calcium to soil with the university-recommended source of Gypsum. Solu-Cal with NPK blends offer one-pass versatility for multiple billing applications, saving time, money, and labor costs.

COARSE GRADE SOLU-CAL PRODUCTS	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>SOLU-CAL PLUS</b> <i>Enhanced High Calcium Lime</i>	210	36% Ca, 8% Lignin Sulfonate, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
<b>Humic PLUS</b> Activated Humic Acid	210	30% Ca, 6% Activated Humic Acid, 9% Plant Based Organic Acid, with <b>INTENSIFY</b> Microbial BioCatalyst	11M or 200lbs/A	40 X 50 LB
<b>SOLU-CAL S</b> <i>Enhanced Dihydrate Gypsum</i>	210	21% Ca, 16% S, 4% Lignin Sulfonate, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
<b>SOLU-CAL MAG</b> <i>Enhanced High Magnesium Lime</i>	210	22% Ca, 10% Mg, 4% Lignin Sulfonate, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
WATER MANAGEMENT SOLUTIONS	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>3-0-5 Stress Defender + Recovery Blend</b> <i>SOP + Aqua-Ca Soil Surfactant &amp; 2% Iron</i>	210	5% Ca, 2% Fe, supplying 26oz/A Aqua-Ca Soil Surfactant with Intensify Microbial BioCatalyst	11M or 200lbs/A	40 X 50 LB
<b>6-12-6 + Solu-Cal with Aqua-Ca</b> <i>Starter + Calcium with Soil Surfactant</i>	210	29% Ca, supplying 26oz/A Aqua-Ca Soil Surfactant, with <b>INTENSIFY</b>	11M or 200lbs/A	40 X 50 LB
<b>Aqua-Ca with Humic PLUS</b> <i>Activated Humic Acid with Aqua-Ca Multi-Functional Infiltration &amp; Hydration</i>	210	29% Ca, 6% Activated Humic Acid, supplying 26oz/A Aqua-Ca Soil Surfactant, with <b>INTENSIFY</b>	11M or 200lbs/A	40 X 50 LB
<b>Aqua-Ca with PEAK Iron</b> <i>Aqua-Ca Soil Surfactant with Soluble Calcium - Contains Wolf Trax DDP Iron</i>	210	29% Ca, 6% Activated Humic Acid, supplying 26oz/A Aqua-Ca Soil Surfactant, with <b>INTENSIFY</b>	11M or 200lbs/A	40 X 50 LB
NPK & NUTRIENT BLENDS	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>6-12-6 + SOLU-CAL Starter Fertilizer</b>	210	22% Ca with <b>INTENSIFY</b> Soil Microbial BioCatalyst	10 M	40 X 50 LB
<b>12-0-4 30% XCU + SOLU-CAL</b>	210	23% Ca with <b>INTENSIFY</b> Soil Microbial BioCatalyst	6 M	40 X 50 LB
<b>18-0-5 + SOLU-CAL</b>	210	18% Ca with <b>INTENSIFY</b> Soil Microbial BioCatalyst	9 M	40 X 50 LB
<b>20-0-0 30% XCU + SOLU-CAL</b>	210	20% Ca with <b>INTENSIFY</b> Soil Microbial BioCatalyst	10 M	40 X 50 LB
<b>NEW 9-0-18 30% XCU + SOLU-CAL PLUS</b>	210	18% Ca, 18% Potassium, with <b>INTENSIFY</b>	9 M	40 X 50 LB
<b>PEAK IRON 4-0-6 (4% Fe + 5% Mg)</b> <i>Contains Wolf Trax® DDP Iron</i>	210	4% N, 12% Ca, 4.0% Fe, 5.0% Mg, 11.0% S, 6% SOP, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	5 M /10 M	40 X 50 LB
<b>SULFUR MAXX Soil pH Reducer</b>	210	17% Ca, 45% S with <b>INTENSIFY</b> Soil Microbial BioCatalyst	5 M /10 M	40 X 50 LB
MICRO-GREENS	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>SOLU-CAL MICRO</b> <i>Enhanced High Calcium Lime</i>	100	36% Ca, 8% Lignin Sulfonate, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
<b>SOLU-CAL S MICRO</b> <i>Enhanced Dihydrate Gypsum</i>	100	21% Ca, 16% S, 4% Lignin Sulfonate, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
<b>NEW Humic PLUS S Gypsum Micro</b> <i>Humic Acid + Enhanced Gypsum</i>	100	26% Ca, 15% S, 8% Humic Acids, 4% Lignin Sulfonate, with <b>INTENSIFY</b> Microbial BioCatalyst	4 M / 8 M	40 X 50 LB
<b>K-CAL 0-0-22 SOP</b> <i>(Contains Solu-Cal)</i>	95	15% Ca, 7.7% S, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	11 M / 22 M	40 X 50 LB
<b>K-CAL PLUS 0-0-24 SOP</b> <i>(Contains Solu-Cal S)</i>	95	10% Ca, 17% S, with <b>INTENSIFY</b> Soil Microbial BioCatalyst	11 M / 22 M	40 X 50 LB

SPRAYABLE SOLU-CAL	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>SOLU-CAL - L 6-0-0 8% Ca</b>	Liquid	8% Ca from Calcium Nitrate, with pHCa Humic Acid Technology	Hydroseed: Apply 5 gal/A Turf: 7 - 14 oz/M	2x2.5gal (36/case) or 275gal mini-bulk
<b>HYDRO-CAL Dry Hydro Seed Formula</b>	Soluble Powder	38% Ca. 40 Micron Powder	50 lbs - 600 lbs/A	40/50lb
HUMIC ACID	SGN	ANALYSIS	COVERAGE	PLT/SIZE
<b>Diamond Grow® Humi[K]</b> <i>12% Humic Acid Liquid Concentrate</i>	Liquid	12.4% Humic Acid, 2% Potassium	Turf: 4 - 6 oz/1M Ag: 1lb in 1gal water/A	75 x 2.5 gal/pallet or 275 gal mini-bulk

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