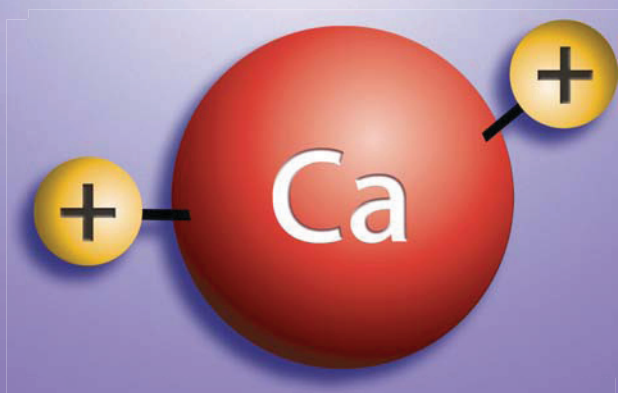




Solu-Cal USA

**Products Providing
Immediately Available**

Calcium



SOLU-CAL USA
West Wareham, MA 02576
www.solu-cal.com

pH:Ca  **technology**

SOLU-CAL Products Contain PHCA Organic Acid



Pure, ultra fine ground to 45 microns pelletized calcium carbonate (38%) is impregnated with PHCA, our proprietary organic Acid.

pH:Ca Technology 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 than traditional pelletized limestone.
- Adjusts pH in 6 – 8 weeks.
- Costs the same and often times less than the equivalent amount of lime.
- Saves time, labor and space, 75% fewer bags to handle and spread.
- Increases seedling vigor and stand density.
- 80% less dust than traditional liming products.

SOLU-CAL Application Rates

Corrective Applications: Apply 12½ lbs. per/1000 sq. ft. or 550 lbs. per acre.

Maintenance Applications: Apply 6 lbs. per/1000 sq. ft. or 220 lbs. per acre.

Total Calcium (Ca)	38.0%
Total Magnesium (Mg)	0.4%
Polyhydroxycarboxylic Acid (PHCA)	2.0%
Lignin Sulfate.....	8.0%

Available in 30 lb., 50 lb. and 2,000 lb. bags.
210 SGN and 70 SGN (Micro)



Pure, ultra fine ground to 75 microns pelletized calcium sulfate is impregnated with PHCA, our proprietary organic Acid.

pH:Ca Technology enhances the plant's ability to convert both the applied and stored calcium into an immediately available form for plant uptake and salt abatement without affecting soil pH.

- It will increase aeration of soil, creating pore space.
- Displaces sodium ions from the soil colloid to leach out excessive amounts of salt from the soil.
- SOLU-CAL S with PHCA addresses both the calcium and sulfur needs of the plant.
- Ideal source of Calcium when pH correction is not needed.
- 80% less dust than traditional gypsum products.

SOLU-CAL S Application Rates

Corrective Applications: To correct high sodium or magnesium levels, or to loosen clay soils, apply 12 lbs. per/1000 sq. ft. or 500 lbs. per acre once or twice a year.

Maintenance Applications: To maintain optimum growing conditions, apply 6 lbs per/1000 sq. ft. or 220 lbs. per acre during the summer.

To prevent and relieve roadside salt damage: Apply 12 lbs. per/1000 sq. ft. late fall and again in early spring.

Calcium	27.0%
Sulfur	22.0%
Polyhydroxycarboxylic Acid (PHCA)	2.0%
Lignin Sulfate.....	8.0%

Available in 50 lb. and 2,000 lb. bags
210 SGN and 80 SGN (Micro)

MICRO-CAL EXTRA

100 SGN Micro Nutrient Pak

50 lb. Bag Covers 15M to 22M

- Ideal for use on new construction and existing turf.
- Impregnated with 2% PHCA Carboxy Organic Acid to significantly increase nutrient availability.
- Prevents and corrects minor element deficiencies.
- 100 SGN delivering excellent particle distribution.
- Covers 15,000 sq. ft. (soil incorporation) to 22,000 sq. ft. (existing turf).
- Water immediately with 0.2" of irrigation.
- Contains Ca, Mg, S, Fe, Mn, Zn, Cu. Low S Formula.

PEAK IRON + MICRO'S

4-0-6 with 6% Iron

50 lb. Bag Covers up to 10,000 sq. ft.

- No Surge Growth while providing Dark Green Color.
- Impregnated with 2% PHCA Carboxy Organic Acid to significantly increase nutrient availability.
- Micro nutrient package including Calcium (14%), Iron (6%), Mg, S, B, Z, Mn, Cu.
- Covers 5,000 sq. ft to 10,000 sq. ft. with 8 week release.
- Safe to use any time of year on turf and all types of plantings.
- Provide Iron to invigorate chlorotic turf and plants.

SOLU-CAL L[®]

 Liquid Calcium Complex

6-0-0 8% CA

- Adjusts pH quicker & longer than liquid lime.
- Increases seedling vigor and stand density.
- Will increase exchangeable Ca ppm and Ca base saturation.
- Use less SOLU-CAL L than liquid lime and it is easier to handle and easier on pumps.
- Contains 6.0% PHCA.

SOLU-CAL L Application Rates

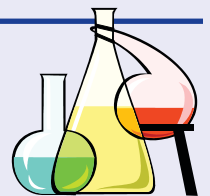
Hydro Seeder - As an Additive for pH maintenance and germination enhancement, add 14 oz. per 100 gallons or 5 gal./Acre

Turf Rate - 7 oz. to 14 oz. per month or with spray program.

SOLU-CAL products utilize cutting edge

pH:Ca  *technology*

PHCA enhances the plant's ability to convert both the applied and stored 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 Calcium source. When applied, it works immediately aiding the plant in solubilizing the applied Calcium and the accumulated Calcium in the soil from previous applications.
- PHCA shows consistent performance in increasing root development, increasing plant health, vigor and nutrient translocation.



COARSE GRADE SOLU-CAL PRODUCTS		SGN	Analysis	Coverage Sq. Ft.	Plt/Size
SOLU-CAL	210		38% Ca, 0.5% Mg	4M / 8M	40/50 lb.
SOLU-CAL MAG	210		21% Ca, 10% Mg	4M / 8M	40/50 lb.
SOLU-CAL S	210		27% Ca., 22% S.	4M / 8M	40/50 lb.
SOLU-CAL PEAK IRON 4-0-6 6% Fe	210		4% N, 14% Ca, 6.0% Fe, 1.8% Mn, 0.2% B, 0.4% Zn, 1.8% Mg, 9.0% S, 0.4% Cu	5M / 10M	40/50 lb.
6-12-6 + SOLU-CAL	210		22% Ca	10M	40/50 lb.
8-0-0 + SOLU-CAL	210		25% Ca	4M	40/50 lb.
12-0-4 30% PSCU + SOLU-CAL	210		23% Ca	6M	40/50 lb.
18-0-5 + SOLU-CAL	210		18% Ca	9M	40/50 lb.
Sulfur MAXX	190		45% S, 17% Ca, 7% BenCly	7.3M	40/50 lb.
MICRO-GREENS SOLU-CAL PRODUCTS		SGN	Analysis	Coverage Sq. Ft.	Plt/Size
SOLU-CAL	75		38% Ca, 0.5% Mg	4M / 10M	40/50 lb.
SOLU-CAL S	90		27% Ca, 22% S	4M / 10M	40/50 lb.
MICRO-CAL EXTRA Micro Nutrient Pak	100		20% Ca, 10% Fe, 1.5% S, 2% Mg, 3% Mn, 0.8% Zn, 0.4% Cu	5M / 10M	40/50 lb.
K-CAL 0-0-22 SOP 6% Mg (Contains Solu-Cal)	95		15% Ca, 6% Mg, 7.7% S	11M / 22M	40/50 lb.
K-CAL PLUS 0-0-24 SOP 4% Mg (Contains Solu-Cal S)	95		10% Ca, 6% Mg, 17% S	11M / 22M	40/50 lb.
SOLU-CAL LIQUID				Coverage Sq. Ft.	Plt/Size
SOLU-CAL-L 6-0-0 6.0% PHCA	Liq.		8% Ca from Calcium Nitrate	Hydro seed 2.5 to 10 gal./acre Turf 7-14 oz./M	36/2 x 2.5 gal.
NEW RETAIL SOLU-CAL					
SOLU-CAL	210		38% Ca, 0.5% Mg	3M / 6M	70/30 lb.
SOIL pH METER					
KELWAY SOIL ACIDITY & MOISTURE TESTER HB2					