
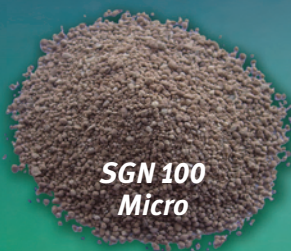


# SOLU-CAL<sup>®</sup>

## 4x The Power of Lime

### Works Faster & More Efficiently Than Lime

- Dramatically reduces manpower and transport cost
- Raises Soil pH in weeks rather than months, as compared to pelletized lime
- Only university tested and time proven enhanced pelletized Calcium product on the market
- Solu-Cal products contain PHCA  technology



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

## Why use **SOLU-CAL?**



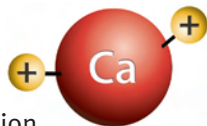
- **SOLU-CAL** is four times more effective than lime in adjusting soil pH
- **SOLU-CAL** will raise soil pH in as little as eight weeks unlike pelletized lime which can take up to eighteen months
- **75% less labor, transport cost and storage space**
- **80% less dust than traditional liming products**

Pure, ultra fine ground pelletized calcium carbonate (38% Ca) is impregnated with 2% PHCA, our proprietary organic acid. PHCA 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.

### Why Calcium? - The Forgotten Nutrient

#### For the Soil

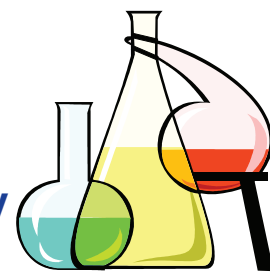
Calcium is a primary nutrient in maintaining proper pH. It improves soil structure while reducing compaction. Calcium creates a better environment for the proliferation of beneficial bacteria.



#### For the Plant

Calcium is a vital constituent of cell walls within the plant. Strong cell walls significantly reduce disease and insect pressures and damage. Calcium enhances cell tissue strength for a greater resistance to heat and traffic stress. Calcium is used more by weight and volume than any other nutrient.

## **SOLU-CAL** products utilize cutting edge Carboxy technology **PHCA.**



PHCA (Polyhydroxycarboxylic Acid) is widely used in agriculture as an additive to fertilizer applications to significantly enhance the uptake of macro and micro nutrients.

Research on crops consistently shows a 30% increase in nutrient uptake, and also translocation through the plant when PHCA is combined with fertility applications.

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 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.**

#### 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.

**50 lbs of  
SOLU-CAL  
equals  
200 lbs of  
pelletized lime**



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