

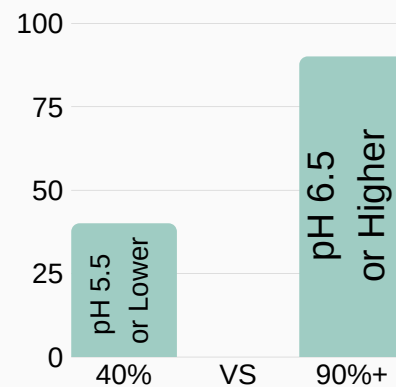
# PRO - CAL



Pro-Cal provides a reliable and effective source of Calcium to the soil. Lime has been used for decades to supply calcium to the soil and raise soil pH. Pro-Cal provides the same necessary calcium to the soil, with the soil lasting effects, but in a more precise, fast acting manner.

Pro-Cal is the first step in treating any field. Before fertilizer is applied or a seed is planted, it is important to prepare the soil. 95% of soil naturally has a low soil pH. Low pH leads to lost fertilizer, bound up nutrients, slowed growth, and dramatically decreased or lack of production. By raising soil pH you are ensuring that your plant gets the most out of the soil, you have thick full growth, and money isn't being lost by bound up nutrients in the soil. Pro-Cal not only raises your pH immediately while using the same nutrients as lime, but maintains that neutral state to ensure many growing seasons of the best production and efficient soil.

## NUTRIENT AVAILABILITY IN THE SOIL



## BENEFITS OF PRO - CAL

- RAISES SOIL pH
- INCREASES CELL DIVISION LEADING TO FASTER GROWTH
- INCREASED NUTRIENT UPTAKE
- STRONGER PLANT IMMUNITY
- INCREASED NUTRIENT TRANSPORTATION IN SOIL
- INCREASES FERTILIZER EFFICIENCY
- CHELATED FOR FAST AND SAFE RESULTS
- LONG LASTING

## AVERAGE APPLICATION RATES AT A C.E.C. OF 10

PH		BASE SATURATION	APPLY
6.5-7	OR	65-75%	0.5
6.0-6.4	OR	59-64%	2.0
5.5-5.9	OR	50-60%	3.0 - 3.5
5.0-5.4	OR	40-50%	3.5 - 4.5
4.5-4.9	OR	30-40%	5.5

**Call your local soil advisor for pricing information**

### APPLICATION METHOD

Pro-Cal should be applied to the soil directly or as close as possible. Application can be done prior to planting or post planting. Do not till after spraying Pro-Cal.

During the growing season Pro-Cal should be applied when vegetation is in early stages of growth or cut low to the ground.

Pro-Cal Application Methods:

- Broadcast Sprayer (Boom or Flood System)
- Pivot or Alternative Irrigation
- In Furrow Through Planter
- Arial

### ACTIVE LIFE & REAPPLICATION

Pro-Cal is designed to primarily build soil levels of calcium base saturation for soil pH stability. Once neutral levels are reached soil stability should last for a few years. Soil type and crop rotation effect reapplication needs. Where standard application is only needed periodically, soil testing should be conducted regularly to monitor soil levels. Pro-Cal can also be applied on a yearly maintenance schedule to maintain a steady soil pH.

