



When planning your fertility program for nitrogen, phosphorus and potassium, remember to include a column for Super-Cal liquid calcium. It could be the edge your turf needs this season.

Calcium is the most commonly overlooked element when discussing soil fertility. This does not make sense given the fact that no other element is used more by weight and volume in the soil than calcium. Calcium is also the second highest element by percentage in plant tissue. Literally, calcium levels in the soil and plant are the backbone of an effective fertility program and Super-Cal is a proven, cost effective source to supply the calcium your turf needs.

The benefits of calcium to turf are numerous, primarily in regard to root and cell wall development. Research indicates that pathogens probe their way into a cell and inject their enzymes to weaken and eventually break the cell down, thus, a stronger cell membrane can actually slow down or even stop this attack. Super-Cal enhances the strength of the cell tissue for greater resistance to disease and adverse weather conditions.

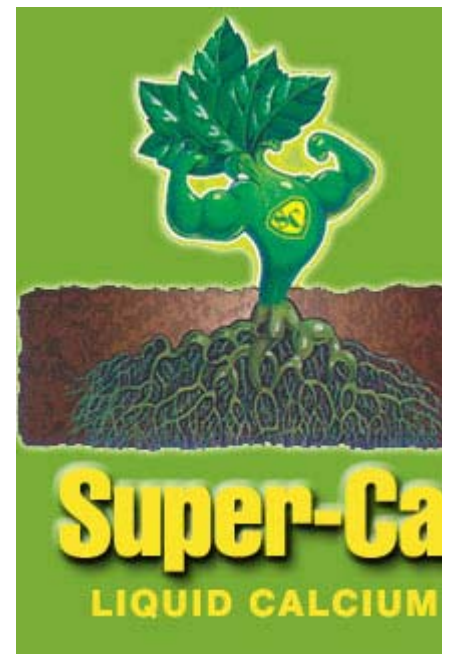
With today's new bentgrass varieties and lower mowing heights, there has never been a greater need for calcium supplements like Super-Cal. Calcium allows plants to use sunlight, carbon dioxide, water, nitrogen and other minerals more efficiently and is also essential in starch conversion.

Super-Cal contains 10% calcium which can help compensate for calcium deficiencies in the soil and plant. The calcium in Super-Cal remains soluble and available in the soil, but there is another aspect to Super-Cal which makes it totally unique compared to other calcium products.

Super-Cal is formulated with a proprietary blend of organic acids that go to work in the soil breaking down insoluble calcium and converting it to an available form which plants can utilize. By using Super-Cal, literally hundreds of pounds of insoluble calcium per acre can be brought into solution insuring that the growing plant has an adequate supply.

Why Is "Available" Calcium So Important?

- Calcium is the most important fertilizer element and a direct nutrient to growing plants.
- Neutralizes soil acidity
- Improves activity of favorable soil bacteria and the decomposition of organic materials
- Promotes root development



- Improves soil structure
 - Improves the efficiency and availability of fertilizers
 - Reduces phosphate fixation
 - Increases water penetration and water holding capacity
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'Availability' is the Key to Results

Application Rates

- **Tees & Greens**
6–8 oz./1000 sq. ft. applied every 30 days throughout entire growing season.
- **Fairways & Rough**
3–6 gal./acre applied in early spring when growing season begins, or 1 gal./acre every 30 days throughout entire growing season.
- **Lawn Care & Sod Production**
3–6 gal./acre in early spring when growing season begins, or 1 gal./acre every 30 days throughout the entire growing season.

Notes

- **Super-Cal** should be applied in early AM or late PM, followed by watering if possible.
- **Super-Cal** can be applied through any type sprayer or by means of injection pump through irrigation system.
- **Super-Cal** can be mixed with most nitrogen solutions, soil applied herbicides, pesticides and fungicides (always do a jar test to insure compatibility).
- **Important:** *To avoid the formation of insoluble precipitates, DO NOT mix Super-Cal with materials containing phosphates or sulfates.*

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