

SurCal+™



Sod growers frequently encounter two types of soil construction problems: soils that are “dispersed,” that is, allow too much water, essentially drowning the roots –or soils that are “compacted,” keeping water out of the micropores where nutrients are taken up.

Calcium has been proven to be an essential ingredient to building “flocculated”- or properly structured soil -for maintaining critical micropore spaces for root development and nutrient uptake.

SurCal+ adds an important surfactant to carry the Calcium where it is most needed, while also lowering surface tension for better water movement.

Enhancing your soil profile for growth

Enhanced Turf Growth

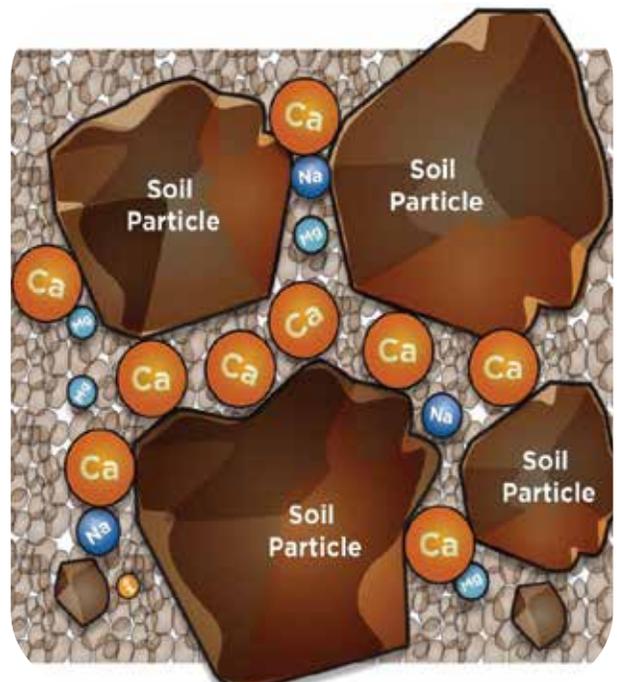
The powerful combination of ionic Calcium with a surfactant to enhance water movement helps sod to efficiently absorb and metabolize nutrients. This an essential aspect of productive and strong turf growth.

Enhanced Water/Air Ratios In The Soil

Too little water, or too much water, in the root zone can restrict plant growth. The surfactant in **SurCal+** enhances the “Volumetric Water Content,” allowing for the proper air water ratios in soil for optimum plant growth.

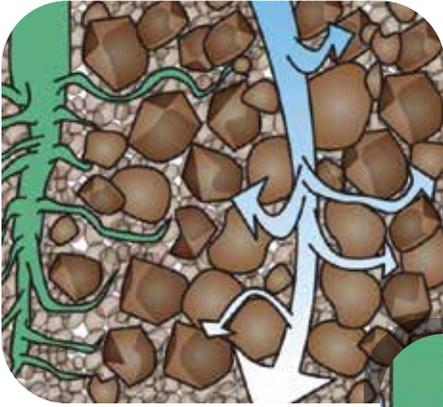
Enhanced Root Growth

Calcium is the material of root growth, and **SurCal+** provides a cost-efficient source of highly soluble Calcium for nutrient uptake in the root zone.

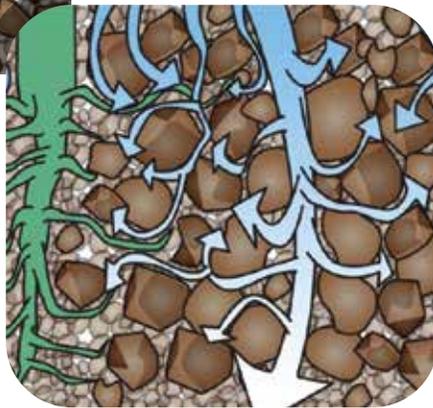


Usage rate is 1-3 qt. per acre

SurCal+™



Without proper soil structure or the use of a surfactant, water flow is concentrated within the macropores.



SurCal+ helps water better reach the micropores, where root hairs uptake critical nutrients for strong growth.

SurCal+ Benefits

- ✦ Enhances overall turf quality
- ✦ Drives Calcium into the root zone, where it is most needed for proper soil structure and plant uptake
- ✦ Reacted Calcium will not tie up in the soil
- ✦ Enhances water movement for more efficient irrigation
- ✦ Enhances plant metabolism
- ✦ Clean, easy handling solution

Simply Intelligent Growth

The ratio of air and water through the macropores and micropores is one of the most critical aspects of plant nutrient uptake. The surfactant within **SurCal+** creates improved water penetration into and through the micropore areas, where root hairs interact with the nutrients in the soil.

As the surface tension is reduced, the Calcium in **SurCal+** is driven into the root zone, helping build flocculated soil, increasing drainage and improving a positive growing environment for greater root growth.



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