

Polymaleic Acid + Patented Soil Surfactant



WHAT IS DESALTUS 2.0?

DeSaltus 2.0 is a formulation of polymaleic acid combined with a soil surfactant that removes sodium from the rootzone, minimizes soil compaction, and allows for greater root development. DeSaltus 2.0 includes a patented, proprietary blend of surfactant technology that improves the infiltration and distribution of water into the rootzone and promotes a healthier growing environment.



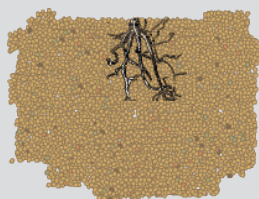
DeSaltus 2.0

HOW DOES IT WORK?

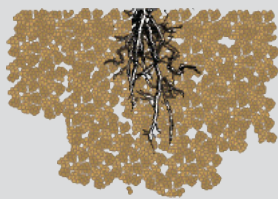
Calcium is a basic building block of soil structure. If your soils lack the proper amount of calcium or if excess levels of sodium exist in your soil, soil aggregation can weaken. This is depicted in the illustration below. Soil particles in high-sodium soils become dispersed and soil porosity is reduced (left).

DeSaltus 2.0 increases the solubility of applied and naturally-occurring calcium, so that it becomes incorporated into the soil more completely. This increases aggregate size, creates pore space, and improves the overall soil structure (right).

IMPROVED SOIL STRUCTURE = IMPROVED SALT AND NUTRIENT MOVEMENT



Poor Soil Structure



Good Soil Structure

A DeSaltus 2.0 program used in conjunction with regular calcium applications will help to improve soil aggregation, increasing soil porosity for enhanced water infiltration and gas exchange.

In addition to the improvements in soil structure, the presence of a soil surfactant in the DeSaltus 2.0 formulation helps to increase the distribution of water throughout the rootzone. By improving salt and nutrient movement through the soil with DeSaltus 2.0, growers can improve nutrient efficiency and overall plant productivity.