



Crystal Green®
by OSTARA

PROTECTING SEEDS FROM SALT INJURY

Until now, applying fertilizer near or with the seed can result in damage that impacts germination and stand count. Due to the low salt index of Crystal Green® compared to conventional fertilizers, injury to the seed is avoided for improved stand count.

How Seeds are Impacted

The salt index's of fertilizers can impact the seedlings ability to absorb water and cause desiccation or burn.

Soil conditions that can stress the germinating seed or cause salts to concentrate near the seed can increase the potential for damage. If the soil is cold for a period of time, this can prolong the fertilizer to seed contact and increase the likelihood of damage.

Some crops are more sensitive to salt injury than others, primarily oil seed crops.



Crystal Green Compared to NPS

In a side by side demonstration with wheat, Crystal Green prevented seed damage for greater germination and vigor after 10 days. The unique organic acid solubility and minimal water solubility of Crystal Green creates a safer environment for seedlings to thrive.

