



THE DIRT!

SOILBIOTICS COMPANY E-NEWSLETTER

MAY 2021

We Have N Available!

Pressure on N this year is heavy, so give us a call and let's talk about **OS 46**.

OS 46, a ready-to-use fertilizer with a unique formulation of high-quality 46-0-0 urea and SoilBiotics **Ultra Boost**, has the ability to hold the N in place for the plant to use throughout the season. Plants will have the N they need **when they need it**, resulting in healthier, stronger plants that will yield much better results. It can be applied in strip-till, pre-plant broadcast, post-emergence broadcast or banded as a nitrogen side-dress. **AND, we make OS 46 right here at our facility so we can meet your needs when you are ready.**

Growth Boost and **Organic Growth Boost** are chelators, protecting N from being lost by leaching and volatilization to keep it available for the crop, and increasing soil micronutrient availability.

Growth Supplement 30 is a foliar applied nitrogen stabilizer that also stimulates plant metabolism, transports nutrients in plants, dissolves macro and micro elements, and enhances cell division and elongation.

B2R Podcast

Just a reminder that SoilBiotics is one of the sponsors of the **Back to The Roots (B2R)** monthly podcast for organic farmers. This is a farmer-to-farmer podcast and you can pick up a lot of tips from fellow farmers. Take the time to visit their website and listen to the archived podcasts on a variety of subjects.

<http://www.b2rpodcast.com/index.html>

This Month's Humic Feature

Humic substances are key components of a friable (loose) soil structure. As humic substances are added, they utilize charged electrical processes (+/-) to form colloidal aggregates with soil particles. These aggregates help to create a desirable crumb structure in the top soil. Soils with good crumb structure have improved tilth and more porous openings (open spaces), allowing for gaseous interchange with the atmosphere, and for greater water infiltration and retention. The colloidal action loosens soil, letting roots penetrate more easily, increasing water holding capacity, and providing a carrier medium for nutrients required by soil organism roots. Soils which contain high concentrations of humus substances hold water for the crop to use during periods of drought

