



THE DIRT!

SOILBIOTICS COMPANY E-NEWSLETTER

Spring 2025

Checkout our April Special!

We are offering 3% off **Growth Boost**, **Organic Growth Boost**, and **Growth Supplement 30** purchased in April 2025 for product packaged in pails, drums, and totes. **The discount is only for orders placed in April 2025 for delivery in April and May 2025.**

New Product Trial Results - 2024 Season

SoilBiotics is committed to ongoing field trials. We partner with third party growers using industry standard trialing procedures. This is a multi-state effort that is on-going for various SoilBiotics products. Our commitment is to give our growers the most up-to-date data we can based on a variety of soil and climate conditions.

New results for 2024 Trials have been posted on our website at:

<https://www.soilbiotics.com/Trials and Results/Trials and Results>

PRODUCT SPOTLIGHT: Why SB Super Sweet?

SB Super Sweet is a unique liquid formulation of natural sugars. It is a source of quick carbon consumption for feeding and increasing populations of bacteria and microorganisms in soils. Plant leaves naturally create a simple sugar during the day through the process we call photosynthesis using soil-based nutrients acquired via the roots. The plant will then translocate sugar at night to the roots and then back up to various parts of the plants. All plants must photosynthesize, transpire, and respire

to survive. Plant carbohydrates in the form of sugars are the energy source by which all plants carry out their major functions.

Good sugar levels:

- Increase stalk strength
- Keep blossoms from dropping under stress
- Help attract beneficial insects. (Lady Bugs, bees, butterflies)
- Induce the synthesis of chlorophyll, and various photo-protective pigments for plants

Microbes creating soil-based nutrients for plants will quickly consume available food. To maintain the plant at optimum growth these microbes will need supplemental food, which is where applied sugars such as **SB Super Sweet** come into the picture. Soil applied sugars provide the long-term food source for the microbes, ensuring that the benefits listed above are maintained.

Plus, adding sugar:

- Helps alleviate harmful effects of abiotic stress by increasing antioxidant and sugar levels
- Enhances microbial activity in the soil, and therefore nutrient uptake
- Helps mineralize soils
- Increases cellular health and strength, thereby increasing the plants' ability to defend itself against disease and harmful insect pressure

