



Summer #1 2016

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## What a difference a year makes!

### This is what summer looks like? Hot and dry with timely rains?

With the crop out of the ground, how do we best support the nutritional needs of corn, soybeans, and other crops? It is really about nutrient availability in any stage of crop growth. If we haven't got the nutrients in the ground, we need to apply them to the foliage. Humic Substances applied to soil or applied to foliage keep nutrients available for plants to take up or absorb as they need them for optimum growth.

## SoilBiotics Organic Programs

### Emergence

Foliar apply per acre  **Growth Boost** at 1 gallon and **SB4400** at ½ pint at V-2 to V-3 with 10 to 20 gallons water.

### Side-Dress Nitrogen Application on Corn

Knife in per acre  **Growth Boost** at ½ to 1 gallon with 15 gallons **eFISHnt 5-1-2** fish fertilizer dilution or other organic fertilizer to keep nitrogen from being lost to leaching, denitrification, and volatilization.

\*SB4400 is a proprietary blend of enzymes and native microbes to stimulate healthy plant growth.

\*\*eFISHnt 5-1-2 is a concentrated fish fertilizer that provides extended release of nutrients for 12-15 weeks.

\*\*\* eFISHnt 5-1-2 dilution is made at the ratio of 10 gallons of eFISHnt 5-1-2 to 100 gallons of water.

## SoilBiotics Conventional Programs

### Post-Emergence Herbicide

Foliar apply per acre **5** **MicroNutrient Boost** at 1 pint to 1 quart, **6** **Growth Supplement** at 1 pint to 1 quart, and **SB4400** at ½ pint with post-emergence herbicide applications to improve herbicide effectiveness and stimulate seedling growth.

### Side-Dress Nitrogen Application on Corn

Knife in per acre **3** **Growth Boost** at ½ to 1 gallon with side-dress 28 or 32 UAN to stabilize nitrogen and keep it from being lost to leaching, denitrification, and volatilization.

Apply per acre **3** **Growth Boost** at ½ to 1 gallon with side-dress 28 or 32 UAN with Y-Drop technology to stabilize nitrogen on the exposed surface of the soil just as stated above.

Impregnate Urea with **4** **Ultra Boost** at 1 gallon per ton to maintain the availability of applied nitrogen for more effective crop uptake and utilization.

### NoTill - Stalk Digester on NoTill Corn

Crop residues can build up in reduced tillage strategies and need to be kept in a constant decay cycle to supply those nutrients to the current growing crop and prevent nitrogen from being tied up with undigested carbon.

Apply per acre **SB5500** at ½ pint, **3** **Growth Boost** 1/2 to 1 gallon, and 2 gallons of 28 UAN with 10 to 12 gallons per acre total volume with a flat fan nozzle for best coverage.

### R3-R4 Soybean Application

Apply per acre 3-18-18 or **eFISHnt 5-1-2** at 2 gallons and **SB4400** at 1 pint to soybeans at stage R3-R4 to enhance blooming and pod set and increase yields.

Try **Growth Supplement 30** added at 8 ounces per acre to herbicide or other crop protection sprays for: 1. More rapid chemical absorption 2. Improved plant safety and 3. Enhanced plant health

## Now Presenting CAL-10

Apply to crops where:

- Soils are calcium deficient
- Plants exhibit symptoms of calcium deficiency.
- Crop growth needs to be jumpstarted after periods of stress that limit calcium uptake.

Approved for organic production. OMRI listed.

Organic growers may only apply to remediate calcium deficiency after symptoms are observed.

[Click here for more information.](#)

## Calendar

SoilBiotics will be closed on Monday, July 4th in observance of Independence Day.

Production for Liquid Materials will be closed from July 1 through July 10.

Have a safe holiday weekend!

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