

Soil Solution™

Low Rates - High Response



SOIL SOLUTION™

Crop Residue Treatment

GUARANTEED ANALYSIS 0-0-0

Combined Sulfur (S)	1.48%
Boron (B)	0.03%
Soluble Copper (Cu)	0.50%
Soluble Zinc (Zn)	2.50%

Derived from Boric Acid, Copper Sulfate and Zinc Sulfate
Weight per gallon: 9.36 lb at 68° F
Grams per liter: 1123 g at 20° C

GENERAL INFORMATION: DeltAg Soil Solution is a formulation of DeltAg proprietary chemistry and complexed nutrients, and it is specifically designed to stimulate growth and activity of the beneficial soil micro-organisms that break down post harvest residue of crops such as legumes, small grains, vegetables, fiber crops, etc. Also effective on thatch digestion in turf.

CONTAINS NON-PLANT FOOD INGREDIENTS: Amino Acids, Enzymes, Vitamins and DeltAg Proprietary Complexing Agent.

APPLICATION RATE:

Soil: Broadcast Incorporated: 24 ounces per acre.

Soil or Turf: Surface Broadcast: 32 ounces per acre.
(three-fourth (0.75) ounce per 1,000 sq ft).

For Turf, apply twice annually for optimal results.

Side-dress: 16 ounces per acre.

Broadcast Over Growing Crops: May be applied over small seedling crops when a majority of soil surface is visible. Apply 32 ounces per acre with enough water volume for ample coverage.

Drip Irrigation: Make TWO applications, each at a rate of one-fourth (0.25) ounce per 1,000 sq ft of foliage.

Pump-Up Sprayer: BEFORE PLANTING: Add TWO ounces of Soil Solution to every ONE gallon of water. Apply vigorously as a mist to soil, potting soil, garden soil or small food plots. Where possible, follow application with a good soaking of water to activate.

Injection at 1 to 100: Add 4 ounces per gallon of mix tank water (312 ppm of product) *Two applications is standard.*
Consult DeltAg.

IMPORTANT: Soil Solution should be applied after harvest, but not within 4 weeks of planting unless 30 units per acre of preplant nitrogen has been applied.

COMPATIBILITY: This product is compatible with most commonly used pesticides. However, it is advisable to always check for compatibility.

*For More Information Please Contact *DeltAg*.

SOIL SOLUTION™

This product enhances the metabolic processes, hence, growth and reproduction of the bacteria and algae that are already present in your soils. Low numbers of microbes, with little activity, results in tight, compacted, poorly aerated soils, as well as poor residue digestion. The result is lower water retention, less oxygen, poor residue composting, less nutrient availability, and reduced yields. This proprietary *DeltAg* product is a low analysis micronutrient blend, which contains specific "active" chemistry, which is designed to 'feed' the microbes that already exist in your soils. This 'active' material is a proprietary blend of specific amino acids, several vitamins, and three specific enzymes that, under normal circumstances, must be produced by the existing bacteria and algae in your soils, to allow for normal biological activities to occur. So, in fact, we are "feeding" your microbes to enhance their performance.

Soil Solution Impacts the Soil in Three Ways

1. **Chemically:** with needed sulfate based micronutrients for microbial growth.
2. **Biologically:** with amino acids, vitamins and enzymes.
3. **Physically:** with a proprietary organic wetting agent from natural plant extracts.

Soil Solution has a direct impact on crop residue, which in turn, helps overall soil health, while also having a direct impact on soil flocculation and microbial activity. The microbial activity creates the long term benefits of a healthier soil. *Soil Solution* enhances the biological processes occurring in the soil, which is a function of time. It takes Time!



For Healthy Soil: Reduce Stubble & Release Nutrients



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SOIL SOLUTION™



**Chemistry....
Not Fertilizer!**

Digest Post Harvest Residue



Basic agronomy has taught us in agriculture, that true wealth comes from the soil. With today's agricultural practices being so intense, our soils seldom have the opportunity to rest and "catch up". Microorganism activity is the key to healthy soils and optimum yields. **Soil Solution** is a soil applied formula designed to stimulate microbial activity enhancing the break down of crop residue, thus improving aeration and increasing nutrient available for the next crop. While others attempt to apply more microbes, at **DeltAg** we see more long term benefits by stimulating your existing microbes that have already survived our cultural practices.

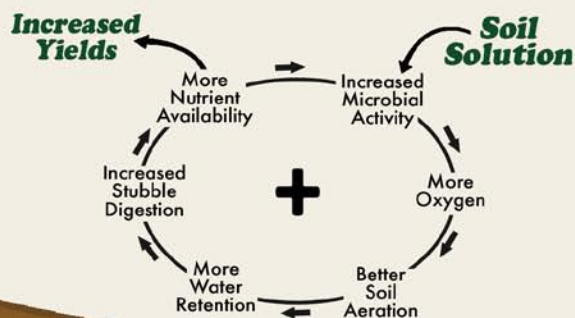
More About Soil Solution

Soil Solution is applied to the soil as an energy source for microorganisms. **Soil Solution** is a blend of enzymes, amino acids and vitamins, which serve as catalysts to stimulate the activity of microorganisms. These microbes break down plant residue and release tied up nutrients. This increased activity increases oxygen, which will give the soil more efficient fertilizer conversion, better moisture retention and improved soil tilth. This enriches the soil with more available nutrients, more aeration and moisture holding capacity, for a healthier soil with higher production capacity.

*Soil Solution is
a Soil Energizer*

How It Works

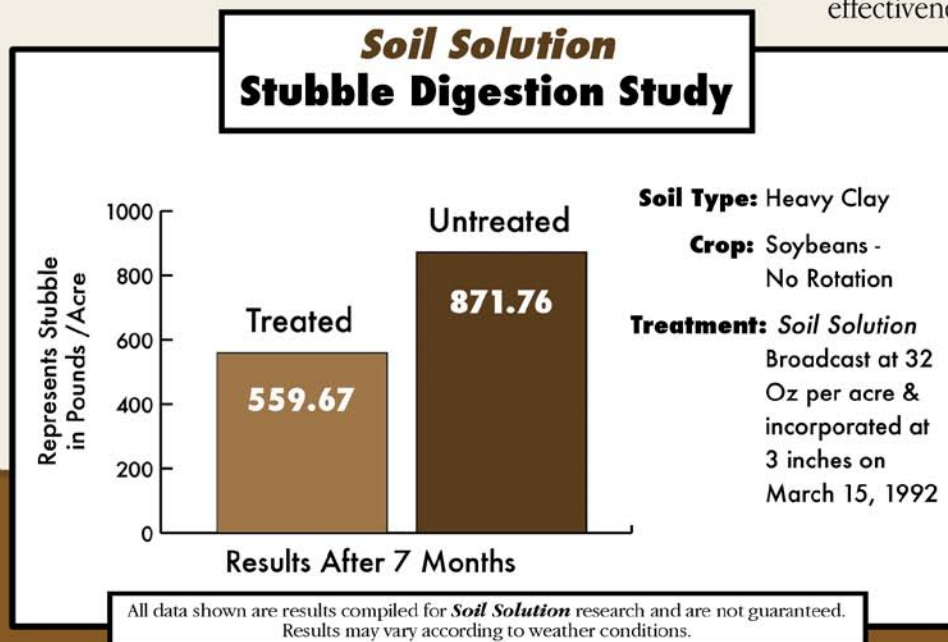
Soil Solution: Mode of Action Jump Start Microbial Activity



Proven Results: Look at the data below and study the results closely. These results were compiled by Dr. Yaan Cheng of *McRight Agri-Management Inc.* The data above demonstrates the effectiveness of **Soil Solution** as a

catalyst for enhancing the performance of the soil cycle for reprocessing residue in studies, **Soil Solution** can break down over 200 lbs. more stubble per acre in 7 months, than using just Mother Nature alone. **Soil Solution** works!

Soil Solution Stubble Digestion Study



All data shown are results compiled for **Soil Solution** research and are not guaranteed. Results may vary according to weather conditions.

*Low Rate
Crop Response*



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