

Soil Solution™

Low Rates - High Response



Soil Solution™

CROP RESIDUE TREATMENT

GUARANTEED ANALYSIS 0-0-0

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

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 nutrients specifically designed to aid growth and activity of the beneficial soil micro-organisms that improve aeration and break down post harvest residue of crops such as legumes, small grains, vegetables, fiber crops, etc. Also effective on thatch digestion in turf.

APPLICATION RATES:

Soil: Broadcast Incorporated: 24 Oz/acre.

Soil/Turf: Surface Broadcast: 32 Oz/acre. (0.75 Oz/1,000 sq ft).
*For Turf, apply twice annually for optimal results.

Side-dress: 16 Oz/acre.

Broadcast Over Growing Crops: 32 Oz/acre.

May be applied over small seedling crops when a majority of soil surface is visible.

Drip Irrigation: Apply twice at 0.25 Oz/1,000 sq ft.

Injection (1:100): 4 Oz/gallon weekly (312 ppm).
Two applications is standard. *Consult DeltAg.*

Pump-Up Sprayer: Before Planting: 2 Oz/gallon of water. Apply liberally. Follow with water to activate when possible.

Non-Legume Crops: **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. **NOTE:** Always follow label directions and precautionary statements on pesticide label.

*For More Information Please Contact **DeltAg**.

Soil Solution™

The key to healthy soil is the population of native microbes, how actively that are feeding (consuming carbon) and their rate of reproduction. 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 **DeltAg's BioTransport System**, which in this case is designed to 'feed' the microbes that already exist in your soils. **Soil Solution** is formulated to help improve the activity of micro-organisms that, under normal circumstances, already exist in our soils. **Soil Solution** is "feeding" your native microbes to increase their numbers and activity, resulting in improved aeration, better residue composting, more water holding capacity and thus an all-around healthier soil.

SOIL SOLUTION IMPACTS THE SOIL IN 3 WAYS

- 1. Chemically:** with needed sulfate based micronutrients for microbial growth.
- 2. Biologically:** with **DeltAg's BioTransport System**.
- 3. Physically:** well aerated with more oxygen.

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** aids the biological processes occurring in the soil, which is a function of time. It takes Time!



BioTransport System™



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Soil Solution™



Chemistry... Not Fertilizer!

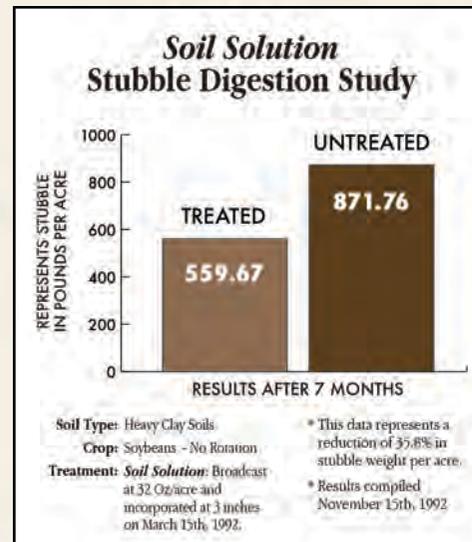
Digest Post Harvest Residue



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 aid microbial activity improving 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 growing your existing microbes that have already survived our cultural practices.

How It Works

Soil Solution: Mode of Action
JUMP START MICROBIAL ACTIVITY



Benefits of Soil Solution

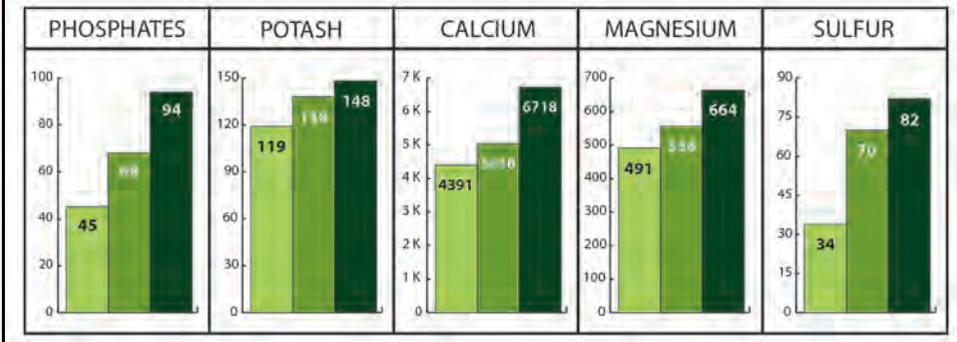
WYNNE, AR ON-FARM RESEARCH

DeltAg Soil Solution Applied Annually:

February 2005	Lab Report called for 0-75-150	Grower Applied 0-45-90
January 2006	Lab Report called for 0-50-150	Grower Applied 0-0-60
January 2007	No Lab Report, No Soil Solution	Grower Applied 0-21-60
December 2007	Lab Report called for 0-40-75	Grower Applied 0-21-60
December 2008	Lab Report called for 0-30-60	Grower Applied 0-0-60



Note: All Lab Data converted to pounds per acre.



Proven Results:

Look at this data and study the results closely. This represents small site specific areas that were sampled in 12 month increments. This demonstrates the capacity of our soils to release stored nutrients when in a healthy soil environment. **Soil Solution** can help provide that environment.

*Soil solution
for soil
Health*



877-594-1500
www.seedcoat.com

"IT'S NOT WHAT YOU PUT OUT, BUT WHAT GETS IN THE PLANT...
That Counts!"

**BioTransport[®]
System**