

SP-1™ BIOLOGICAL



Build Extensive Feeder Root Structure

SP-1™ is a diverse mix of microbes known to build soil biology. The SP-1™ formula supplies bacteria, fungi, and algae to the soil and includes carbon substrates, vitamins and minerals to support the growth of microbial life.

The microbes in SP-1™ prefer aerobic conditions and thrive in the upper portion of the soil near the plant roots. Having microbes living near the roots of your crops is ideal for many reasons because they...

- Fix nitrogen, solubilize phosphorus, and cycle nutrients to become more plant available
- Immobilize nutrients and retain them in the rhizosphere, the narrow region of the soil where the plant's root comes into direct contact with the soil.



Improved Nutritional Value

Biological Farming is like lighting a fire underneath the soil surface. Organic matter is the energy source. Microbes use the fuel. It's about taking what you have and enhancing it, giving you more control.

Consider that your soil biology is like an orchestra, with each microbe family playing a specific role. As long as each section has the right number of players, the melodies and backgrounds harmonize.

Think of SP-1™ as the conductor of the biological symphony being played out in your soil.



Increased Crop Yields

SP-1™ is one of the most versatile products in our lineup - as it plays a very important role in keeping your soil biology balanced. It's field proven, grower approved, and ready to go to work for you. Most importantly, you're not alone in your Biological Farming journey, as your rep is only a phone call away.

At AgriEnergy Resources, we believe Biological Farming is the future of agriculture - and healthy soil is the foundation of profitable crop production.

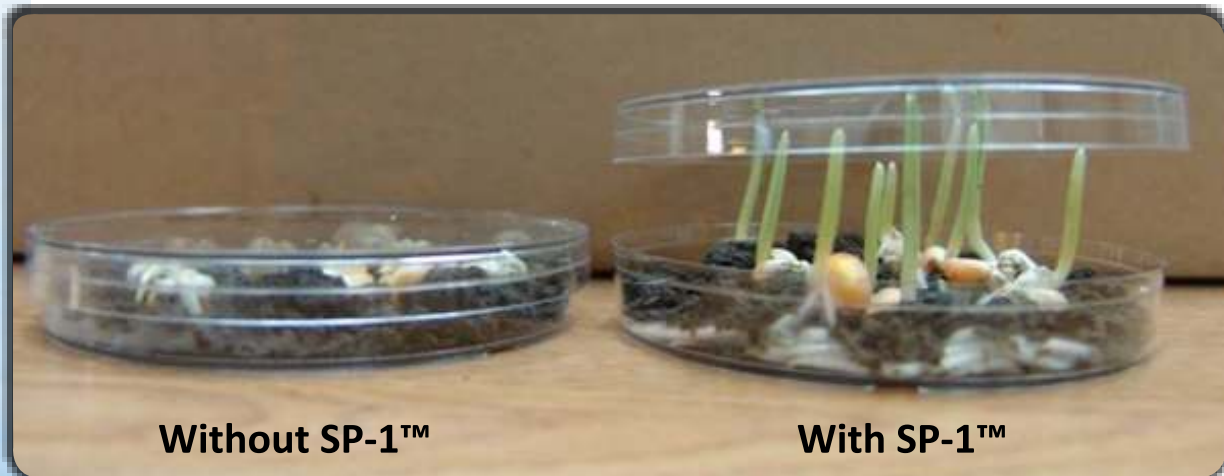
Whether conventional, organic, row crops, grass, hay or vegetables... let's talk today about how SP-1™ can help you.

RESULTS From the Field

SP-1TM BIOLOGICAL

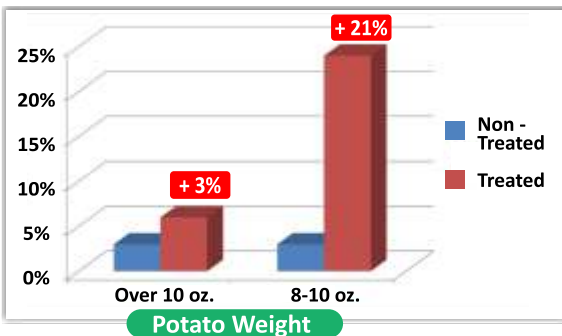
Checkout these lab results that clearly demonstrate SP-1'sTM ability to support life.

This is key to getting the crop off to a quick uniform start - and sets the plant up to provide a good payoff at harvest.



An AgriEnergy Resources customer who grows fresh table stock potatoes in Colorado was very pleased with the increase in the percentage of marketable 8-10 oz. "carton size" potatoes he got by applying SP-1TM to seed pieces.

SP-1TM was applied to the seed pieces planted on a 1.5 acre trial plot in a 41 acre field of a new Russet potato variety. The field was under pivot irrigation and the total 41 acre field was tilled, fertilized and planted the same. All seed pieces were fresh cut and treated with fir bark. The seed pieces for the 1.5 acres trial plot were sprayed with SP-1TM at a rate of 1 gallon per acre.



The grower noted that the visual appearance of the foliage on the treated area was better, but the real pay off came at harvest time as shown in the graph.

The increase of higher value carton size potatoes netted the customer an additional \$137 per acre. — which translates to a **30:1 return** on his initial investment in SP-1TM.

