



REBUILD. RESTORE. RENEW.

## NEWS RELEASE

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### Ensuring Growth in Times of Environmental Crisis with Sustainable Practices

*Bio S.I.'s Agriculture and Agriculture Select formulas keep crop soil healthy in all conditions*

**Justin, TX – February 2013** – The United Nations Food and Agriculture Organization is predicting the daunting possibility that 2013 will be a year of worldwide food shortages. This comes as a result from global grain reserves hitting critically low levels, extreme weather fluctuations which make its predictability unfeasible, and an overall rise in food prices.<sup>1</sup> It is assumed that circumstances will worsen, as heat waves continue to affect many of the top crop-producing nations, which is why crop management techniques are being encouraged that can better handle the pressures of volatile conditions. Agronomists are now looking to a “Systems Approach” to soil management, which aims to account for all soil input variables, and in turn, maximum sustainable productivity.<sup>2</sup> Bio S.I. Technology ([www.biositechnology.com](http://www.biositechnology.com)), a company that specializes in soil inoculants used in organic, sustainable or conventional agriculture programs has developed their proprietary Agriculture Formula + Humus and Agriculture “Select” formulas with naturally-occurring soil borne microbes and mycorrhizae that aid farmers in the rebuilding soil life in their fields.

The Systems Approach is designed for continued results, instead of immediate ones. Overdependence on chemical fertilizers to maximize yield may no longer be the most effective process. The Agriculture and Agriculture Select formulas are not intended to replace chemical fertilizer regiments, but to help increase their efficiency. This, in turn, helps to reduce the amount of fertilizers needed to grow the crop and overall input costs. The microbes found in the Agriculture and Agriculture Select formulas break down plant debris, chemical residues, and improve the humus fraction of the soil. Humus is the organic component of the rhizosphere that is responsible for improving water holding capacity and nutrient availability.

The Agriculture Formula + Humus and Agriculture “Select” formulas work successfully on all types of row crops, vineyards, grasses, and orchards. The microbes in each formula reduce the negative effects of crusting and compaction of the soil, which can have a tremendous effect on crop stand and crop production because of poor root development. The symbiotic relationship that these microbes form with root systems aid in root growth, and help stave off soil borne diseases that are associated with stressed crops. By increasing the effectiveness of the fertilizers and chemicals, Bio S.I.'s agricultural formulas reduce the overall cost of fertilizer and chemicals while releasing the existing soil nutrients that may have otherwise been unavailable.

Bio S.I. has developed both agriculture formulas to work in concert with existing crop management

<sup>1</sup> <http://www.guardian.co.uk/global-development/2012/oct/14/un-global-food-crisis-warning>

<sup>2</sup> [http://www.agweb.com/article/what\\_makes\\_healthy\\_soil/](http://www.agweb.com/article/what_makes_healthy_soil/)



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programs to rebuild depleted soils and help improve soil tilth. They are available for sale in quarts, gallons, 2.5 gallons, 5 gallon pails, and 55 gallon drums upon request. One gallon of the Agriculture or Agriculture Select formula is intended to cover as much as 8 acres, depending on the current condition of the soil, and can be applied by ground spray rigs, through irrigation systems both above ground and sub-surface, and by airplanes.

### **About Bio S.I. Technology**

Bio S.I. Technology, LLC is a USDA BioPreferred™ member and includes a team of experts who have over 20 years of experience producing microbial products. Bio S.I. produces a variety of microbial products including Bio S.I. Turf Formula, Turf Select, Lawn & Garden Formula, Lawn & Garden Select, Agriculture Formula, Pond Formula, Septic Cleanser Formula, Remediation Formula. Bio S.I.'s newest products include Floormate and JACKPOT. Floormate helps control ammonia from animal waste in confined pens of horses, goats, cattle, hogs, turkeys, and chickens, and JACKPOT is a pro-biotic product which brings the naturally beneficial soil borne microbes found in nature to animals. For more information about Bio S.I. Technology, or to purchase their cutting-edge formulas, please visit [www.biositechnology.com](http://www.biositechnology.com).

If you would like further information, images, or would like to schedule an interview with Wayne Tucker, President of Bio S.I. Technology, please contact Lindsey Beedle via email at [lbeedle@christiecomm.com](mailto:lbeedle@christiecomm.com) or by phone at 805-969-3744.