



REBUILD. RESTORE. RENEW.

## NEWS RELEASE

### Contact:

Lindsey Beedle  
Christie Communications  
805.969.3744  
[lbeedle@christiecomm.com](mailto:lbeedle@christiecomm.com)

Wayne Tucker  
Bio S.I. Technology  
866.393.4786  
[wayne@biositechnolgy.com](mailto:wayne@biositechnolgy.com)

### Prepare Fields Against Drought for More Productive Yields This Spring

Bio S.I.'s Agriculture Select formula can provide farmers build healthier soil, naturally

**Justin, TX – February 2013** – Lowered crop yields due to drought during the last growing season brought widespread disappointment to many involved in agribusiness. Predictions by Iowa State University agriculture meteorologist Elwynn Taylor suggests that the 2013 growing season could provide similar results. According to Taylor, “A failure to replenish subsoil moisture and restore stream and river flows would be a major factor in the probability of a below-trend crop in 2013.”<sup>1</sup> In preparation for this year’s crops, now is the time to start strategizing crop management techniques for spring that will offer up more viable solutions for increasing yields and maintaining water penetration and retention. While it is impossible to control unpredictable weather events such as drought, taking steps to improve water penetration and water holding capacity is critical to crop survival. Specializing in agricultural formulas comprised of naturally-occurring soil microbes, Bio S.I. Technology ([www.biositechnology.com](http://www.biositechnology.com)) provides farmers with an effective amendment for renewing soil tilth and making it capable of handling harsh growing conditions that can occur. Bio S.I.'s liquid Agriculture “Select” formula can be easily integrated into soil preparation strategies, and can drastically improve soil conditions for accepting water and improving nutrient availability.

Bio S.I.'s Agriculture Select formula is a proprietary blend of naturally-occurring microbes plus mycorrhizae. When soil is healthy, there are many different types of microbes present in the rhizosphere, responsible for breaking down plant debris and tied up nutrients in the soil. Over time, populations of these bacteria can become depleted from tillage practices such as over-fertilization and other factors, reducing the organic content of the soil and creating a poor soil structure. Bio S.I.'s Agriculture “Select” formula can improve the breakdown of plant debris and chemical residues that can increase soil compaction and crusting. One of the most important activities of the Bio S.I. Select formula is the building of the humus fraction in the soil. This improves water efficiency as well as holding nutrients ready for plant use in the rhizosphere.

Along with microbial communities, the Agriculture Select formula also contains mycorrhizal fungi that form a direct symbiotic relationship with plant root systems. These mycorrhizal fungi attach to roots and bring nutrients and water back to the plants they would not normally be able to obtain. Mycorrhizae are a natural way to combat nutrient deficiencies in crops under harsh conditions. When paired with the other microbes found in the Agriculture Select formula, farmers are provided with a natural means of boosting water penetration and helping stave off root diseases and

---

<sup>1</sup> [http://www.agriculture.com/news/crops/will-drought-stretch-into-2013\\_2-ar26335](http://www.agriculture.com/news/crops/will-drought-stretch-into-2013_2-ar26335)



REBUILD. RESTORE. RENEW.

increasing nutrient absorption. Bio S.I.'s Agriculture Select formula allows farmers to replace these essential microbial populations that have been depleted. With improved soil conditions and more vigorous plants that will be better prepared to withstand stress periods, farmers have a better chance of producing crops under challenging conditions.

### **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 and JACKPOT, a new 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.