



REBUILD. RESTORE. RENEW.

PRESS RELEASE

For Immediate release

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Nature Knows Best: Bio S.I.'s AG Select Rebuilds Soil Naturally

Bio S.I.'s AG Select Combines Natural Microbes With Mycorrhizae Fungi To Convert Organic Matter into Plant Energy

Justin, TX (October, 2014) - Plants are in a constant struggle to get proper nutrients from the soil. This is especially true during conditions such as drought, pest invasion, and root diseases during critical growth periods. Before industrial methods were available to artificially replenish nitrogen in the soil, plants relied on soil-borne microbes that can transform nitrogen into an useable nutrient. While chemical fertilizers can provide some primary nutrients, they do not contain organic material or microbial life that helps to convert micronutrients into energy needed to optimize crop production¹. In order to return to nature's original intention of restoring all 16 key nutrients to the soil and to give plants the means to optimally uptake these nutrients and ensure protective measures against potential threats to this process, **Bio S.I. Technology** (www.biositechnology.com) has developed **AG Select Formula**.



AG Select is a powerful seed treatment from Bio S.I.'s extensive and effective line of microbial solutions to rebuild, renew and restore soil, as nature intended. The formula includes four different kinds of mycorrhizae; which are beneficial fungi that help the plants get nutrients and water from the soil they would not normally be able to get. Microbes, fungi, and many other life forms in the soil are constantly working together to feed the plants so that the plant in turn feeds them. Once nutrients are returned, the plant gains the mycorrhizae benefits of the comparatively larger surface area of mycelium to root ratio, thus improving the plant's mineral absorption capabilities². Microbes similarly work to improve water retention and soil ingestion; as humus, created from microbes naturally digesting organic matter, is advantageous to root penetration and development².

"Maintaining continuous soil quality is the key to productive agriculture." Bio S.I.'s Founder Wayne Tucker explains, "The very meaning of sustainability." Healthy, diverse soil systems have the ability to sustain plants naturally, and without as many chemical inputs. Bio S.I.'s Agriculture and Agriculture Select formulas give farmers the key to unlock the full potential of their soil, in both nutrient release and plant vigor naturally.

¹ <http://www.clemson.edu/extension/hgic/plants/other/soils/hgic1654.html>

² <http://www.soilhealth.see.uwa.edu.au/components/fungi>



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The microbes and mycorrhizae work to take up space pathogens need to grow and provide necessary nutrients to maintain a vigorous plant immune system. Plants will gain from mycorrhizal's ability to displace disease causing organisms in the rhizosphere and providing a strong safeguard from the always impending threat of harmful pathogens. Furthermore, when there is a broad and diverse spectrum of soil microbes, soil-borne pathogens diminish due to a lack of food sources and space. Microorganisms can also break down contaminants in the soil and water to components that pose less of an environmental hazard.

Bio S.I. Ag Formula + Humus and Ag Select give growers to powerful tools to rebuild the soil humus (carbon), restore soil tilth, and renew microbial diversity naturally and cost effectively. Sustainable agriculture practices are needed to make sure that agriculture will be able to produce healthy, nutritious food for the future.

About Bio S.I. Technology

Bio S.I. Technology, LLC is a USDA BioPreferred™ member comprised of a team of experts with decades of experience producing microbial products. Bio S.I. produces a full range of microbial inoculants including Bio S.I. Lawn & Garden Formula, Septic Cleanser Formula, Remediation Formula and Jackpot I & II, new all-natural probiotic products formulated to bring beneficial soil borne microbes inside the digestive tracts of livestock and equine. Bio S.I. products can be found at Farm Supply, on line and through a network of distributors around the US. For more information about Bio S.I. Technology, or to purchase their effective formulas, please visit www.biositechnology.com.

If you would like further information, images, or to schedule an interview with Wayne Tucker, founder of Bio S.I. Technology, please contact Kevin Oaks at koaks@christiecomm.com or by phone at 805-969-3744.

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