



REBUILD. RESTORE. RENEW.

NEWS RELEASE

For Immediate Release

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Rebuild, Restore, Renew: Bio S.I.'s SD 25 To The Rescue

Bio S.I. Technology's SD 25 microbial formula recycles leftover stubble to accelerate the renewal of carbon and microbial levels in the soil

Justin, TX (November, 2014) – Under normal conditions, the four seasons of farming are outlined by specific requirements and crucial steps between preparing, planting, growing and harvesting in order to sustain effective agricultural results. With ongoing and unprecedented drought conditions in place, pile and burn tactics not only hold an even greater fire hazard as the land is already so dry and readily flammable, but they also fail to restore the soil with essential carbon and microbial life. The current “mega-drought” has farmers in 30-35% of the country facing moderate to extreme drought conditions, according to the US Drought Monitor¹. These conditions, mixed with the cold winter months ahead, one would think would be worst time to consider doing something to rebuild the humus (carbon fraction) of the soil or replenishing the soil life. However, experience shows it is a great time to do just that.

Microbes do a lot of work during the winter months. It has been demonstrated that microbial activity increases the soil temperature by 2-4 degrees when organic matter is available for digestion. By using **Bio SI Technology's** (www.biositechnology.com) **SD 25 Field Stubble Digester** beneficial soil microbes will be added to the soil that digest the plant debris (stubble) left behind after harvest, recycling the nutrients tied up in the plant debris for the next crop. This activity makes both nutrient and water use more efficient. Soil microbes, are essential to restore carbon, improve water efficiency, and improve nutrient holding capacity of the soil. Without a proper mixture of microbes in the soil, organic matter can't be totally broken down and the soil becomes clogged with too much undigested organic matter that ties up nutrients. SD 25 Field Stubble Digester replenishes the soil with naturally occurring microbes that convert and recycle nutrients tied up in stubble to make them available for the next crop.

“SD 25 works beyond the growing seasons to prepare fields for future planting by releasing the nutrients tied up in leftover debris,” says Bio S.I. Founder and CEO, Wayne Tucker. “Plant debris can be a real problem for the next planting season for some growers. SD 25 helps farmers re-use nutrients they have already paid for plus the benefits of adding carbon (humus) to the soil which holds water and nutrients in their fields.”

¹ <http://drought.gov/media/pqfiles/NO-March-13-2014-FINAL.pdf>



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The conversion of plant debris to humus aerates the soil, improves soil tilth, and improves water penetration. Creating healthy soils is essential to continuous production of healthy, nutritious food for future generations. SD 25 is an all-natural microbial formula that is safe for organic use. Unlike other stubble digesters, SD 25 is free of preservatives, which makes it safe for use in any setting.

After harvest and before the ground freezes, growers should apply the initial application. SD 25 can be used successfully in till and no-till regimens, although it is important to beat the first freeze because microbial activity and decomposition are significantly slowed by cold temperatures. Growers will notice debris is significantly decomposed within 60-75 days. Apply 20-25 oz. of SD 25 per acre with a minimum of 10 gallons of water per acre. Also add nitrogen to balance the C:N ratio for better breakdown. SD 25 can be used to digest any leftover plant debris; whether that is from corn, wheat, beans, barley, cotton, rice, milo, beets, sugar cane, hops, grasses or any other crop.

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' experience producing microbial products. Bio S.I. produces a variety of all-natural 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 inside animals' digestive tracks. For more information about Bio S.I. Technology, or to purchase their cutting-edge 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 via email at koaks@christiecomm.com or by phone at 805-969-3744.

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