



REBUILD. RESTORE. RENEW.

NEWS RELEASE

For Immediate Release

Contact:

Steve Manee

Christie Communications

805.969.3744

smanee@christiecomm.com

Wayne Tucker

Bio S.I. Technology

866.393.4786

wayne@biositechnology.com

Naturally Convert Stubble to Profits with Bio S.I. Technology's SD 25

Bio S.I. Technology's SD 25 microbial formula penetrates leftover stubble to accelerate decomposition and renew life in the soil

Justin, TX – February, 2014 – Stubble is most commonly associated with grain crops and is referred to as the crop debris leftover in the fields post-harvest. The tops of crops like corn, wheat, barley and rye are harvested for grain and the leftover stalks, typically ranging between 6-14 inches high, are left to decay in the field. The leftover debris, or stubble, must be dealt with in order to reduce the places for pathogens to survive over winter and clear the ground for future planting. Typically in the past, farmers would burn debris. As regulations and concerns over pollution and soil contamination have intensified, stubble is now more commonly shredded and left on the ground as mulch or collected and sold as livestock bedding. Bio S.I. Technology's (www.biositechnology.com) SD 25 stubble digester naturally breaks the stubble down recycling valuable nutrients back into the soil. SD 25 also builds the humus fraction of the soil by breaking down the organic matter into humus which holds water and nutrients in the rhizosphere. This may reduce input cost for most farmers.

Stubble can play host to a multitude of harmful pathogens and diseases. Rather than old labor-intensive techniques, farmers can improve soil tilth and convert leftover stubble to valuable nutrients with the help of "stubble digesters". The SD 25 stubble digester accelerates the rate of decomposition using a proprietary mixture of cellulose digesting microbes and fungi. It also contains a broad range of other naturally occurring soil microbes to improve activity as well as diversity, and humic acid as an added source of carbon to fuel beneficial microbial activity.

According to Bio S.I. founder, Wayne Tucker, "SD 25 works beyond growing seasons to prepare fields for future planting by releasing the nutrients tied up in leftover debris. Plant debris can be a real problem for the next planting season for some growers. SD 25 helps farmers recycle nutrients they have already paid for plus the benefits of adding carbon (humus) to help retain water and nutrients in their fields." "Carbon" is the engine of the soil and is necessary for all soil life.

Digested stubble also unlocks and releases usable nitrogen and phosphate back into the soil, which can be more valuable than most farmers realize.¹ For every 1-2 tons of stubble that is digested, growers will save about \$175 an acre in recovered fertilizer costs. These substantial savings in input costs and man hours will more than cover the costs of SD 25's application and significantly improve any farm's bottom line.



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SD 25 is an all-natural microbial formula that is safe for organic use. Unlike other stubble digesters, SD 25 is free of preservatives and urea, which makes it safe for use in any setting. After harvest and before the first freeze 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. Upon successful application, growers will notice debris is significantly decomposed within 60-75 days.

SD 25 is the latest addition to Bio S.I.'s extensive line of microbial inoculants, and a necessary improvement to post-harvest crop management. It is available in pints, quarts, gallons, 2.5 gallons, 5 gallons, 55 gallons, 250 gallon and 270 gallon totes. Find local retailers online at www.biositechnology.com.

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 Steve Manee via email at smanee@christiecomm.com or by phone at 805-969-3744.

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¹ <http://www.ncagr.gov/drought/documents/Corn-soybeanstalksCostGB.pdf>