



REBUILD. RESTORE. RENEW.

## PRESS RELEASE

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## Keep Livestock Healthy and Feed Costs Lower This Winter with Bio S.I.'s Jackpot All-Natural Probiotic

*Ranchers Can Supplement Winter Feedstock with Bio S.I.'s Jackpot Formula*

**Justin, TX (November, 2014)** – Winter is the time when most farming communities experience cooler temperatures, frozen fields and shorter days of sunlight. The coming transition between fall and winter poses a critical challenge for livestock as weather and temperature fluctuations can lead to certain types of nutrient shortages, less grazing and changes in livestock's homeostasis<sup>1</sup>. To help combat the potential loss risks during the winter season, **Bio S.I. Technology** ([www.biositechnology.com](http://www.biositechnology.com)) provides ranchers with an all-natural probiotic called **Jackpot** livestock formula that improves an animal's ability to assimilate nutrients from feed during digestion. This keeps the livestock healthy and reduces stress when the weather changes suddenly or the livestock is moved to new overwinter locations.



As temperatures drop in the winter, so does the quantity and quality of warm season forage. The animals will have to work harder and burn more calories to find more food. Livestock have to be able to get all the nutrients they can from the forage and this is where the Jackpot works to help the animals. The mix of warm sunny days and cool nights prohibits the full synthesis of sugars in grasses. This reduction in nutrient quality compromises livestock's ability to get nutrients needed to remain healthy. Many times more feed has to be used to meet the additional needs of the livestock. Bio S.I.'s Jackpot Livestock formula works to make more nutrients available from even poor grass and keep the animals' GI tract working well. Probiotics bring beneficial, soil-borne microbes found in nature to the animals' rumen. Normally, the microbes are picked up from the soil while animals are grazing, but given less access to a grazing area, livestock cannot maintain proper amounts of these microbes in their digestive systems. Microbes consume starches, fats, fiber, protein and sugar. The resulting waste from the fermentation process is food for the ruminant. The more diversity and quantity of ruminal microbes, the more efficiently forages are used. Ranchers are often forced to spend more on extra feed to maintain the animals during these stressful times. This makes it hard to budget for other everyday needs.

<sup>1</sup> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4094414/>



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In addition, the colder, winter weather makes livestock have to work more to regulate its vital conditions at a consistent level. “With Jackpot Probiotics, the nutrient efficiency goes up and animals gain weight, yet eat less. This safeguards the livestock against dramatic weight loss as a result of trying to keep warm in harsher winter temperatures that will demand even more internal body heat regulation,” says CEO of Bio S.I. Technology, Wayne Tucker.

Bio S.I.’s Jackpot Livestock Probiotics help reduce digestive problems, as the microbes help maintain the digestive track. Additionally, Jackpot is all-natural with no preservatives or added chemicals to possibly cause further problems with digestion. By using Jackpot Livestock Probiotics farmers can save money on feed costs due to increased nutrient efficiency from the feed used.

### **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](http://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](mailto:koaks@christiecomm.com) or by phone at 805-969-3744.

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