



## THE TECHNOLOGY

This technology involves a simple and effective process for encapsulating microbes for use in agriculture, with particular emphasis on formulation of *Trichoderma* and *Bradyrhizobium* spp.

The other technology provides multifunctional and crop specific blends of beneficial strains of *Trichoderma* microbes. These microbes first colonize the crop root system. That association with the plant induces gene expression and changes in plant physiology that enhances multiple biochemical pathways. Crop stresses such as disease and dry weather can be alleviated, and often systemically – so that root colonization by the seed treatment can affect the physiology of the whole plant, even the leaf by creating bigger root systems and plant growth, inducing resistance to plant stresses such as disease and drought, increasing fertilizer and water use efficiency, and increasing yields.

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## THE PRODUCTS

### SabrEx™ for Corn

SabrEx™ for Corn has been shown to create more robust root systems, induce resistance to plant stresses like dry weather or disease, and increase water and nutrient efficiency. SabrEx™ for Corn contains a unique patented strain of the beneficial fungus *Trichoderma harzianum* that works on most hybrids of corn and grows with the root system of the plant, to help it grow larger, stronger and more resistant to disease.

### SabrEx™ for Wheat

SabrEx™ for Wheat is a line of proven seed treatments for field crops. It boosts tillering in wheat crops to create more plants and a more robust root system to absorb and carry more nutrients to the plant. The result is a healthier, sturdier plant that resists lodging and becomes easier to harvest.