

# New Microbial Technology Increases Peanut Yields

**VAN WERT, OHIO**

This Spring Advanced Biological Marketing will add a new product for increasing peanut yields to their line of biological seed enhancements.

Graph-Ex SA™ for Peanuts contains crop specific blends of beneficial strains of Trichoderma microbials.

“We’re bringing the same technology that has proven to increase yields in corn, soybeans and wheat to commercial peanut growers”, said Dan Custis, CEO of ABM. “We’ve seen outstanding results in field trials and on farm trials with the iGET™ technology in the Corn Belt and are excited to make this same technology available for peanut growers.

Trichoderma colonizes on the root structure of the crop and attacks and kills soil pathogens before they can attack the host plant. Tricho-

derma multiplies and thrives as the host plant grows providing season long protection. Their association with the plant induces gene expression and changes in plant physiology to enhance multiple biochemical pathways. ABM calls this the iGET™ Technology – induced gene expression triggers.

Graph-Ex SA™ for Peanuts contains trichoderma as well as encapsulated rhizobia in a talc-graphite carrier. Company officials contend that this product not only benefits the peanut crop, but also provides better seed flowability causing less wear and tear on equipment.

These plant specific strains of trichoderma were developed by Dr. Gary Harman at Cornell University in a microbial breeding program. Three decades of research at Cornell and other international biological research programs went into the development of these products. Δ