

Microbial Seed Inoculants is a rapidly expanding technology

Microbial seed inoculants can reduce plant stress, improve plant nutrient uptake, alter plant growth

Several approaches to new product development by industry

Specific modes of action (fungicide, nematicide, plant growth bio-stimulants)

Greater root mass and plant growth (efficiency of plant nutrient uptake and utilization)

Drought tolerance

Plant stress (Heat, moisture, hail)

Potential for reducing carbon footprint?

Preliminary findings suggest that *in vitro* methane production is reduced with IONfx-treated corn silage vs untreated control

