



Beneficial Microbes In Our Everyday Lives

(NAPS) — The last few years have seen a substantial increase in the number of products containing microbes in the market. Microbes are living organisms, such as bacteria or fungi, that are too small for the naked eye. They are found all around us and present rich opportunities to advance our lives.

These tiny living beings are increasingly being found in another place important to our livelihoods: on the farm. While microorganisms occur naturally in the soil (in fact, the USDA's Natural Resources Conservation Service reports there are more microorganisms in a tea-



Microbial products represent a new, exciting frontier as seed treatments for farmers' seeds.

spoon of soil than people on Earth¹), America's farmers are adding microbes to crops to grow healthier plants.

While other seed treatments may protect against diseases and fungi, biological products protect against environmental stressors, such as nutrient or moisture deficiency. Powered by microbes, these products live in symbiosis with the plant's roots to help increase nutrient availability and uptake. These products are also vital to help protect plants from moisture scarcity in a drought situation or overabundance following a flood.

The Acceleron® brand, providing products developed by a leading agriculture science company, delivers biological products — also known as bio-enhancers — on corn, soybean and cotton seeds. Acceleron brand helps crops the moment farmers plant them by increasing the nutrient uptake. By combining biological products with the power of fungicides, insecticides and nematicides, Acceleron brand provides relief on multiple fronts for farmers and their crops.

From solutions in farm fields to products found in our daily lives, science-driven companies are just beginning to tap the potential found in microbes. The takeaway is clear though: Microbes are a valuable tool for those throughout our ecosystem.