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Ancient Organics Corn Study Demonstrates Significant Gains in Soil Health and Crop Yield with Microbial Inoculant CFMI-8

Whitewater, WI – July 2025— Ancient Organics announced breakthrough results from a field-based evaluation of its proprietary co-fermented microbial inoculant, CFMI-8, designed to restore soil fertility and boost crop productivity. Conducted at Findlay Farm in Whitewater, Wisconsin, the study highlights the transformative role of microbial inoculants in regenerative agriculture.

The randomized block trial revealed that soils treated with CFMI-8 experienced remarkable improvements in biological activity and nutrient cycling, including a 224% increase in microbial organic carbon and a 167% rise in CO₂ respiration—clear indicators of enhanced microbial function and organic matter decomposition. Nutrient availability also improved, with nitrate nitrogen up 20%, cation exchange capacity up 23%, and potassium up 27%.

These soil health gains translated directly to the field: corn yield increased by 28.6%, while silage yield rose 9.6%, with measurable improvements in nutritional quality. Treated plants also exhibited higher concentrations of key micronutrients—iron, manganese, boron, and zinc—underscoring CFMI-8's role in optimizing nutrient uptake.

“CFMI-8 is showing immense promise as a next-generation soil amendment,” said [Insert Spokesperson Name, Title] of Ancient Organics. “By strengthening the soil microbiome, we’re not only improving yields for farmers today but also laying the foundation for long-term sustainability in agriculture.”

Correlation and Random Forest analyses confirmed that microbial activity and nitrogen availability were the strongest predictors of yield improvements, highlighting the importance of soil biology in driving productivity.

These findings position CFMI-8 as a powerful tool for farmers seeking to transition to regenerative practices, reduce reliance on chemical inputs, and rebuild soil health for future generations.

For more information, visit ancientorganicsbio.com

Ancient Organics Bioscience develops evidenced-based organic microbial inoculants backed by rigorous field data. The company's solutions are designed to support long-term soil vitality, enhance nutrient efficiency, and improve environmental resilience. With agriculture facing mounting pressures from climate change, declining soil fertility, and global food demand, Ancient Organics is helping growers transition toward regenerative practices without sacrificing profitability.

For more information about Ancient Organics Bioscience and its mission to transform agriculture from the ground up, visit www.ancientorganicsbio.com.