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BioConsortia to launch innovative Nitrogen-Fixing Biofertilizer globally

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Always-Nâ?¢ product poised to transform industrial corn production with sustainable, gene-edited microbe



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BioConsortia, Inc., a leader in microbial innovation for sustainable agriculture, has secured $15 million in additional funding, bringing its total investment to $95 million.Â

The new funding will accelerate the global launch of Always-Nâ?¢, BioConsortiaâ??s groundbreaking nitrogen-fixing seed treatment for industrial corn and support continued expansion of its discovery and development engine at the companyâ??s Davis, California headquarters. BioConsortia continues development of its nitrogen-fixing microbial seed treatment product line, with more than 1,000 trials in the past five years.

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Always-N enables farmers to maintain crop yields while reducing reliance on synthetic nitrogen fertilizersâ??significantly lowering greenhouse gas emissions and improving soil health. Applied as a seed treatment, Always-N delivers consistent field performance and is the only nitrogen-fixing biofertilizer combining advanced gene editing and extended viability exceeding two years.

"Synthetic nitrogen fertilizers are essential to modern agriculture, but their overuse comes at a steep environmental cost,â• said Meadows-Smith. â??With Always-N, we offer a powerful, sustainable alternativeâ??backed by cutting-edge science and built for real-world performance.â•

Roughly half of applied synthetic nitrogen is never absorbed by crops. Instead, it runs off into waterways or is broken down in soil, releasing nitrous oxideâ??a greenhouse gas 300 times more potent than COâ??. As regulatory and market pressure

builds for climate-smart farming, demand for sustainable alternatives like Always-N is growing rapidly.

Following its successful commercial debut in New Zealand in 2024, Always-N is now preparing for broader market entry, supported by key global partners including The Mosaic Company in row crops in the Americas. The new funding enables BioConsortia to scale manufacturing, build inventory, and expand market access in anticipation of the upcoming growing season.

Always-N is powered by BioConsortiaâ??s discovery and development platform - an integrated engine using proprietary tools for microbial discovery, selection, and optimization. It begins with Advanced Microbial Selectionâ?¢ (AMS) to identify high-performing plant-associated microbes, then uses GenExpressâ?¢ and GeneProâ?¢ tools to enhance traits such as nitrogen fixation, disease and pest control, and shelf-life.

In addition to Always-Nâ?¢, BioConsortia is advancing a robust pipeline of next-generation biostimulants, fungicides, nematicides, and insecticidesâ??engineered for extended shelf life, ease of use, and superior field efficacy.

BioConsortia has validated its platform across diverse crops, geographies, and soil types. Field trials have consistently demonstrated the efficacy of its microbial biofertilizers, fungicides, nematicides, and insecticidesâ??delivering growers new tools for sustainable, high-yield farming. BioConsortia, pioneering next-generation agricultural biologicals through cutting-edge microbial gene editing. In nitrogen fixation, biocontrol, and biostimulants, breakthroughs in editing only the most stable microbes unlock unprecedented performance-delivering solutions that are more effective, more consistent, and easier to use than anything currently available.