



A leader in sustainable nitrogen solutions helping farmers improve crop yield and reduce their environmental impact.

HOW IT STARTED

Headquartered in Boston, MA and founded in 2018, Kula Bio is leading a mindset shift that redefines technology and standard practices for nitrogen management. Derived from peer reviewed research out of Harvard University, Kula Bio delivers naturally occurring microbes that fix meaningful amounts of plant available nitrogen. Utilizing a patent protected process, Kula Bio has raised \$50m Series A funding. Since 2019, Kula Bio has conducted proof of concept trials with third party cooperators and with on-farm commercial scale trials.

HOW IT'S GOING

Kula Bio is redefining precision plant nutrition with a passionate team dedicated to rigorous science, discovering unique bacteria and patented manufacturing processes. Our team consists of agricultural professionals, scientists, and engineers all with one common goal: helping growers. Kula Bio is dedicated to discovering difference-making, long-term solutions for growers.

WHAT SETS US APART

Our product is a living microorganism that has an intrinsic ability to fix atmospheric nitrogen within a wide range of soil types. Growers can use it to immediately replace up to 20-25 percent of their conventional or organic nitrogen, without sacrificing yield.

WHAT WE OFFER

NO SPECIALTY EQUIPMENT NEEDED

As a liquid biofertilizer, our product can be applied to most common irrigation systems to apply the microorganism directly to the root zone.

CUSTOMIZED SUPPORT & ON-FIELD APPLICATIONS

Our team of sales agronomists visit each operation to work closely with our growers in developing the right timing and rates of application. We visit each operation multiple times throughout the growing season to facilitate the applications and ensure the product is performing as intended.

MEETING CONSUMER DEMAND & NEW REGULATIONS

As the demand for more sustainable food systems continues to rise each year, growers are seeing a stronger push from federal, state and local governments to limit nutrient losses and increase environmental responsibility. Our product is a low impact natural alternative that helps farmers adapt to these new regulations while still maintaining yield and revenue.

FEATURED SOLUTION

KULA-N

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Kula-N facilitates maximum nitrogen use efficiency through supercharged bacteria crafted to seek plants and support precise crop nitrogen needs. Kula-N is a liquid that is best applied through drip irrigation methods, precisely delivering bacteria close to the root-zone. 2-4 quarts of product per acre is all that is needed to deliver meaningful amounts of nitrogen. Due to Kula-N being live bacteria, the only storage requirement is that product is kept cool, around 40 degrees F before use. Kula-N has a Biosafety Level 1 (BSL-1).



BENEFITTING YOU BEYOND THE BOTTOM LINE

Kula-N produces meaningful amounts of plant available nitrogen delivered directly to the root zone, where the plant needs it. The result is less chance of run-off or waste. The production of synthetic nitrogen utilizes fossil fuels and is one of the largest sources of energy consumption and emissions of any industrial chemical process in the world. Our biofertilizer can help reduce climate impacts from both the production and use of agricultural fertilizers. A crop agnostic solution, our fertilizer can apply the benefits of traditional nitrogen for both conventional and organic farming, all while reducing your operation's environmental impact and meeting new regulations for stewardship.

IMPORTANT INFORMATION FOR YOUR CONSIDERATION

As a company, we believe that when microbes are added to the soil, the overall biome improves. This improvement leads to an increase in diversity and robustness, which ultimately leads to better crop performance, higher resiliency to stress, and increases in marketable yield. To prove this theory, we are planning a 3-year trial to begin in 2024 in Salinas, CA. During this trial, we'll monitor the effects of repeated use with Kula N on soil conditions in regard to long-term benefits and subsequent nitrogen reduction.

SUCCESS STORY

The International Fertilizer Development Center (IFDC)'s 2021 Annual Report included the results of trials in brownfield soil, which revealed that Kula-N leaches markedly less nitrogen than traditional urea fertilizer.

CONNECT WITH US

LOCATION

Technology and Development Center
6 Mercer Rd, Unit 1
Natick, MA 01760

WEBSITE

www.kulabio.com

SOCIAL MEDIA



We are going to be there from start to finish. We want to be there from the first injection to after treatment concludes for the season to make sure our growers can see the product in action and how its affecting their crops."

See you in Palm Springs!



Jim Krebsbach

V.P. Sales/Field Service