Kula Bio®

Nitrogen Production. Reimagined.

At Kula Bio, we're committed to supporting sustainable farming practices that deliver results. Our team is striving to develop easy-to-use solutions that improve yield and efficiency, reduce nutrient loss, and minimize environmental impacts, resulting in better outcomes for all.

Resilience Through Innovation

We strive to innovate and revolutionalize the agriculture industry beyond just slight improvements.

Today, our technologies leverage the power of earth's microbes to enhance crop nutrition with greater effectiveness and efficiency. Our team has pioneered a paradigm-shifting manufacturing platform for innovative microbial cultivation and nutrient feeding systems. Our dedication to maufacturing excellence, paired with our stringent quality control procedures, ensures consistent product for reliable results.

Continued research will further enhance the efficiency and yield of our groundbreaking biomanufacturing process, achieving results we've only imagined. These advancements will unlock new methods for harnessing natural microbial properties, driving innovation in agriculture.

Supercharged Performance

Biological nitrogen fixation requires substantial energy. Our patented technology fully equips microbes with a unique energy source, allowing them to start working immediately upon soil application and maintaining their activity throughout the growing season. Supercharging our microbes enhances their natural nitrogen-fixing capabilities without any genetic modification.



Improved Outcomes

Our products deliver nitrogen directly to the root zone, allowing growers to feed crops more efficiently, improving yield and performance while reducing the environmental footprint of plant nutrition.

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Moving the Factory to Your Field

Producing, transporting, and storing our products is less resource-intensive than traditional fertilizer, reducing up to 84% of greenhouse gas emissions per kilogram of product when compared with conventional nitrogen fertilizer.

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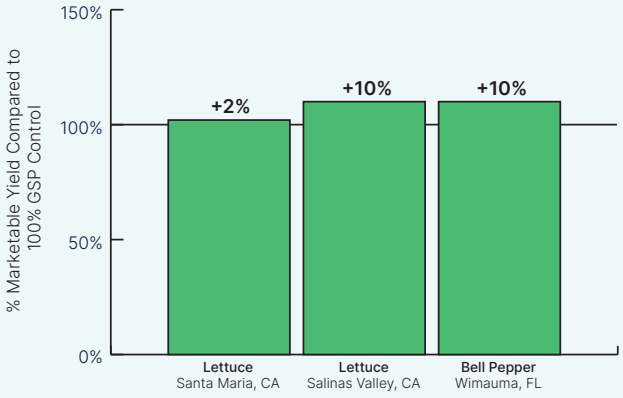
Nitrogen On Demand

- Immediate and longer lasting source of nitrogen for plants
- Contains a live, single strain of *Xanthobacter*
- Naturally derived with formulations suitable for use in both traditional and organic production
- Increases efficiency of nitrogen delivery by providing nitrogen delivery at the root zone to maximize usage
- Easy to use and compatible with standard irrigation systems
- Robust and tolerant of various soil and environmental conditions
- Delivers consistent field performance across various crops
- Can replace or supplement traditional nitrogen fertilizer in your standard fertility program

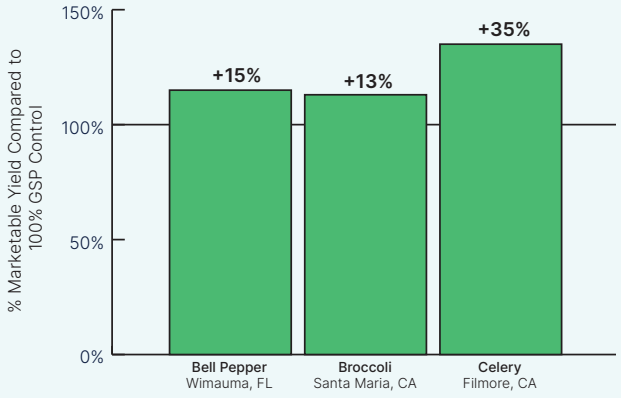


Kula Bio products fit seamlessly into your existing application practices to replace or supplement your current nitrogen fertility program.

80% GSP + Kula Bio



100% GSP + Kula Bio



GSP = Grower Standard Practice

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