



Sunrise Field Trial: 36% Tomato Yield Increase in Georgia

Sunrise is an OMRI Listed, CDFA-registered microbial inoculant and multi-strain biofertilizer developed for professional and specialty crop programs. This advanced microbial consortium for agriculture combines beneficial bacteria and fungi that function as a soil probiotic for plants, enhancing soil fertility, nutrient cycling, and crop performance. The diverse, spore-forming microbial inoculant colonizes the rhizosphere to solubilize nutrients, decompose organic matter, and strengthen the soil microbiome for sustainable productivity and more efficient nitrogen utilization.

- **Builds Soil Fertility:** enhances biological nutrient availability, accelerates organic matter conversion, and supports long-term soil structure and productivity.
- **Improves Fertilizer Efficiency:** Enhances nutrient-use efficiency by unlocking bound phosphorus and micronutrients while promoting biological nitrogen availability to reduce dependence on synthetic inputs.
- **Enhances Root Growth:** Stimulates root elongation and branching for improved nutrient and water uptake.
- **Promotes Crop Vigor & Resilience:** Boosts plant establishment and tolerance to environmental stress for consistent performance across diverse conditions.
- **Balances the Soil Microbiome:** Encourages beneficial microbial dominance, supporting healthier, more biologically active soils.
- **OMRI Listed & CDFA Registered:** OMRI Listed biofertilizer for organic production systems; CDFA registered for sale and distribution in California as a microbial soil amendment.

Location: Kenny Bennett Farms, Moultrie GA
Assumptions: \$12/carton market

Result: 36% increase in yield & gross profit

Product Cost: \$115/acre

Gross Profit Increase per acre: \$9,600

ROI: >8,000%



Brett Bennett - Moultrie, GA

Client Testimony

"There is a major difference in vegetation. Vegetation, size, and root strength I estimate a **20-30% increase**. Once you get that foundation, the plant takes care of the rest.

With product I experienced no hollow hearts in my spring/summer broccoli while planting in the heat and the crop was **never stressed**. I saw very little to no blossom end rot in pepper and tomato on my spring crop.

This Fertile Ground product allows the plant to uptake more nutrients, especially the calcium.

I also didn't have to push any crops with extra fertilizer. This **cut down on fertilizer cost**.

Another main reason I believe my tomato yield increased was the overall bushier plant which protected against sun scolding and allowed **more tomatoes to get to market**"

	SUNRISE Treated 20-acre zone:	Non-Treated 20-acre zone:
Yield per acre	3,000 cartons	2,200 cartons
Total yield	60,000 cartons	44,000 cartons
Gross profit per acre	\$36,000	\$26,400
Gross Total Profit	\$720,000	\$528,000

DIFFERENCE:

- 800 more cartons per acre
- 16,000 more total cartons
- Gross Profit increase per acre: **\$9,600**
- Gross Total Profit increase: **\$192,000**