BountiGel®

Product Validation Datasheet

Broccoli

Summary Results

- **Increased yield by 7% at 100% irrigation.**
- **Increased yield by 34% at 75% irrigation.**
- **Improved uniformity of stand and size.**
- **Improved return of $163/acre.**

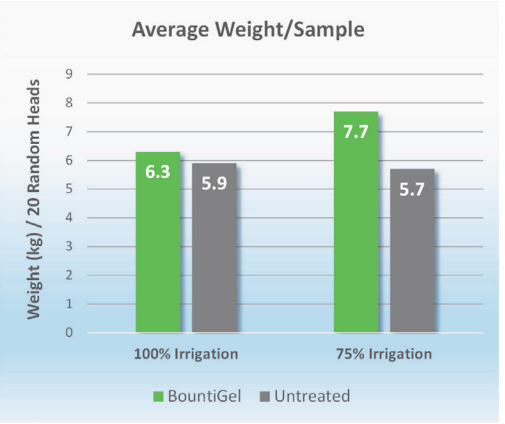
Detailed Findings

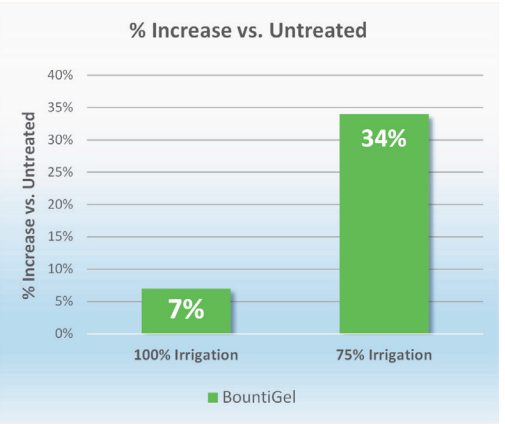
At full (100%) irrigation: The sampled plots treated with BountiGel at 10kg/acre produced heads weighing an average of 7% more than the untreated plots.

The 7% increase in yield, at a baseline 550 carton/acre crop, would yield a net return to the grower of $163/acre, at the statewide 5-year average price of $8.23/carton.

At 75% irrigation: The sampled plots treated with BountiGel at 10kg/acre produced heads weighing an average of 34% more that the untreated plots.

Conclusions: In deficit irrigation situations, either to save on water costs or to expand acreage grown, a BountiGel application has shown a significant increase in production over non-treated deficit acreage.





Test results showed a 7% increase (vs. control) at full irrigation and a 34% increase at 75% irrigation levels.

Data from Broccoli trials held in Holtville, CA and Thermal, CA

REDUCE WATER USAGE — FEWER DROPS MORE CROP — **INCREASE YIELD**

At Carbon Neutral Ag Sciences, we specialize in innovative crop science to address current challenges to irrigated agriculture. Using patented chemistry, we manufacture BountiGel® an eco-friendly, super-absorbent soil amendment that absorbs up to 150 times its weight in water while maintaining its mechanical strength. BountiGel will repeatedly absorb and release water to the root system, utilizing its unique double cross-linked structure. Due to its superior mechanical strength, BountiGel remains effective for up to three years until it safely biodegrades. Does not contain polyacrylamide.

Backed by two years of University and Commercial trials.

FRESNO STATE Discovery. Diversity. Distinction.

UC DAVIS UNIVERSITY OF CALIFORNIA

CARBON NEUTRAL AG SCIENCES

732.294.1979
info@GlobalCNAS.com
297 Bernardo Ave
Mountain View , CA 94043
CarbonNeutralAgCciences.com