

Summary Results

- ✦ Increased bell pepper count by 9% per plot.
- ✦ Improved size distribution.
- ✦ Increased wall thickness by 28%. Better uniformity.
- ✦ Increased soil moisture holding capacity.



Detailed Findings

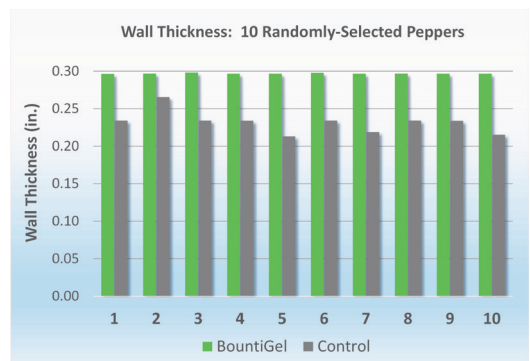
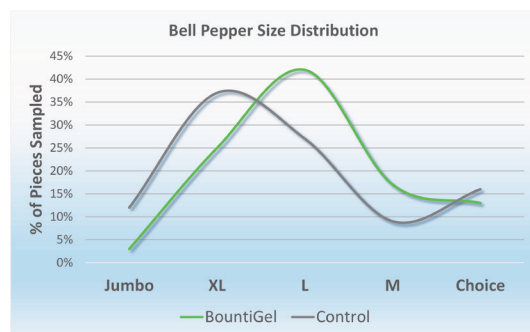
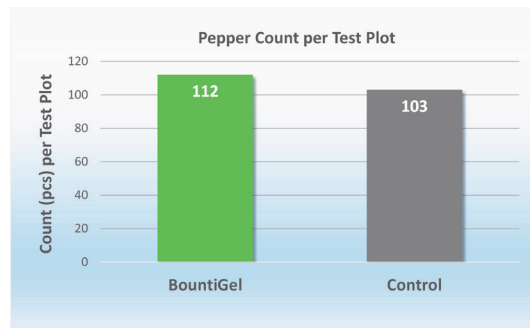
Increased Count: The sampled bell pepper plots treated with BountiGel produced a pepper count increase of 8.7% at normal irrigation levels, compared to untreated plots.

Improved size distribution: Increased numbers of Large and Medium bell peppers were observed in the treated plots.

Increased wall thickness and uniformity: In the plots treated with BountiGel, the bell peppers showed increased wall thickness by 0.07" (+28%) versus in the control plots. Wall thickness was significantly more uniform with a standard deviation of only 0.0006" versus 0.0147" in the control plots.

Conclusions: Improved soil moisture holding capacity using BountiGel can result in higher yields, more uniform product, and can result in significant water savings at the same time.

Data from Bell Pepper trials in Thermal, CA



REDUCE WATER USAGE



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.



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