



How we gained over **40% GREATER GROWTH** in just 10 days!

PARTNER:

Benjamin F. Grant
BFG Crop Consulting of Humboldt County in the
Emerald Triangle of California

CONDITIONS:

Vegetative Growth Cycle: Cultivation Tents

RESULTS:

The Wand stimulated 40-50% higher growth rates in a 10-day period.

BioRadiance Grow Science partnered with cultivation experts from BFG Crop Consulting to test our BRe3 Wands in a controlled laboratory setting. For the experiment, we created identical garden environments and utilized genetics from the same mother plant. We set out to identify dissimilar vegetative growth patterns between cannabis plants grown under the Wand lights and those under equivalent LED lighting. The process was overseen by two accomplished horticulturists from Southern Illinois University School of Agriculture.

The plants featured in these photos suffered from a number of deficiencies. The goal of this study was to prove the REGENERATIVE power of The Wand by using the product on stressed plants.

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WITHOUT THE WAND

1. The plants in 1 gallon (larger) pots on the sides of the tent were transplanted from propagation trays 10 days before the photo was taken. These plants are still struggling with rooting as well as basic vegetative growth almost two weeks after transplant. The plants in 1 gallon (larger) pots on the sides of the tent were transplanted from propagation trays 10 days before the photo was taken. These plants are still struggling with rooting as well as basic vegetative growth almost two weeks after transplant.
2. The two trays of smaller plants in the foreground of the picture are Bubblegum babies that were transplanted into coco noir 3 days before the photo was taken. Emerald Triangle of California stated that these were failed clones that were not suitable for market. With standard LED grow lights, they made no regenerative progress.
3. The dome in the middle of the photo contains Sunset Sherbet cuttings that have been propagating for two days under standard LED's.



WITH THE WAND

1. The agronomists from Southern Illinois University confirmed that the plants in 1-gallon (larger) pots displayed a **40-50% more** developed biomass with just 10 days under The Wand lights. Also, some of the more stressed plants showed visible signs of REGENERATIVE growth.
2. The two trays of recently transplanted Bubblegum babies in the foreground of the picture show active root development and nutrient uptake as evidenced in their dark green leaves. Objectively speaking, The Wand light was the only variable between the two tents and displays powerful evidence of essential plant functions.
3. The Sunset Sherbet cuttings under The Wand also showed heightened rootzone development and were ready to transplant after the 10-day experiment.

CONCLUSION:

The research and development team at BioRadiance Grow Science created a lighting technology which utilizes spectrum efficiency to increase Adenosine Triphosphate (ATP) production in plants. The value-add for this lighting product is two-fold, as it actively kills harmful pathogens while simultaneously stimulating all phases of plant growth.

CONTACT OUR TEAM FOR MORE INFO

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