

Quantum Growth[®] Increases Pineapple Crop Profit by 45%

Location: Zanguenga, Chorrera, Panama

Objective: Demonstrate the beneficial effects of Quantum-Light on a pineapple crop

Results Achieved: Use of Quantum-Light[®] had a significant impact on the pineapple plants. **The plants showed a uniformity rate increase of 15%, a reduction of the amount of fertilizer used, and an increase of crop profitability of 45%.**

The Experiment

One hectare of pineapple plants were treated with Quantum-Light. There were 70,000 plants/Ha. The Quantum-Light was applied at a rate of 1 gal/Ha in 2,500 L of water. The first application was at transplant. The second application was 22 days after transplant. The final application was at flowering.

First application sample.
Note the increased root size and density of the treated pineapple.



Second application sample.
The treated pineapple continues to have a superior root mass.



For more information on Quantum Growth products call 866.871.0154

Quantum Growth[™]

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Pineapple Flowering Comparison

Below is a comparison of the uniformity of the control and treated pineapple crops at the flowering stage. Note how uniform the pineapples of the treated crop are compared to the control crop.



Control Pineapple Crop with 85% Uniformity



Treated Pineapple Crop with 95% Uniformity

Pineapple Harvest Profit Comparison

	Control Pineapple Crop	QG Pineapple Crop
Production Cost/Ha	\$23,000	\$20,830
Gross Sale/Ha	\$29,750	\$33,250
Net Profit/Ha	\$6,750	\$12,420

The treated pineapple crop had a profit increase of 45%

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