

Quantum Growth® Improves Golf Course Turf with Increased Root Health and Faster Grow-In Rates

Ensuring beautiful greens is priority number one for golf courses. Course superintendents are always trying to find smarter, cost effective ways to keep their grounds looking their best. A number of golf courses in Florida incorporated Quantum Growth into their best practices for maintaining their greens. **The results were astounding, with increased root depth and density, faster grow-in rates, reduced irrigation amounts, and increased resistance to common turf diseases.**



Notice the increase in root depth and density with the Quantum Growth plug.



Note the darker green color with the Quantum Growth treated side of the turf.

"I wanted to let you know that what we found with the cores we pulled was astounding! Four weeks ago, I checked root depth and mass on the greens and could not find a healthy white root more than approximately 1 inch. Yesterday, virtually all of the cores exhibited phenomenal root mass with healthy roots exceeding 4 inches!"

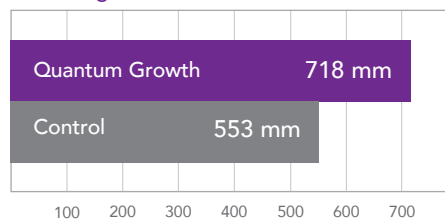
– Assistant Golf Course Superintendent
Southwest Florida



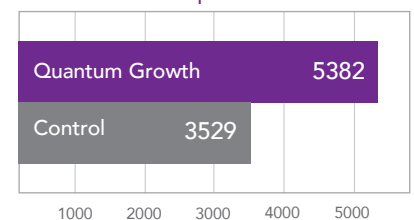
University of Florida Turf Study

Findings from a turf study conducted by the University of Florida showed that the application of Quantum Growth resulted in root length increases of 30%, and an increase of the number of root tips of 53%.

Root Length



Number of Root Tips



For more information visit
GrowQuantum.com
or call 866.871.0154.

The Quantum Growth® Series

Developed by
Ecological Laboratories INC.

Quantum Growth's effect on Root Growth and Density

The Quantum Growth treated turfs have much larger and more turgid roots. The soil from the Quantum Growth treated plug demonstrates the ability to hold water better than the control plug due to photosynthetic bacterial mass and larger roots.



Quantum Growth's effect on Grow-In Rate

The Bartram Trail Golf Course staff applied 1 pint of Quantum-VSC and 1 pint of Quantum-Light per week, for 4 weeks per the manufacturer's guidelines. They have continued using Quantum Growth at the same rate on all of their greens and tees with exceptional results since the grow-in.



"We used Quantum Growth during our recent grow-in as we switched from Bent to Mini Verde Bermuda. We were very impressed with the speed at which the grass grew. At Day 28, we were 95% coverage, which was beyond our expectations. No only that, we experienced little to no algae, which was amazing considering the amount of water that we were giving them. The little bit of algae that we did have began to yellow from the outer edges in, which was a great example of the bacteria feeding on the algae. They were consuming the algae, keeping the greens healthy."

– Jeff Lloyd, GCS / Bartram Trail Golf Course

For more information visit
GrowQuantum.com
or call 866.871.0154.

The Quantum Growth® Series
Developed by
 **Ecological Laboratories** INC.