APEX-10 is University Tested & Proven in Real World Applications

A New Jersey Golf Course Superintendent utilized APEX-10 on the course nursery. When he re-seeded the nursery, the results showed the grow time reduced by half. Once the growth potential was realized APEX-10 was used on the greens and eventually the entire course was treated with APEX-10.

"Increasing Height and Density of Newly Seeded Kentucky Bluegrass"

- Turf Height increased by 18.8%
- Turf Density Increased 39%

Results demonstrated that APEX-10 improves turfgrass height and density when applied to soils which have been fertilized with NPK and that are deficient of phosphorus at the time of seeding.

Dr. Heckman & Dr. Hamel, Rutgers University

"Effects of APEX-10 on Reducing Irrigation Requirement in Turfgrass"

- Turfgrass displayed better water holding capacity
- Increase in root and shoot mass with less irrigation

The study concluded that APEX-10 improved plant quality and moisture retention to a far greater degree than turf that remained untreated during times of water deficit.

Dr. Huang & Pat Burgess, Rutgers University

"Effects of APEX-10 on Improving Fertilizer Efficiency in Turfgrass"

- Elevated chlorophyll levels
- Higher levels of NPK in leaf tissue
- Greater root mass and weight

The study found that APEX-10 promoted vertical growth, higher root mass, along with greener and denser turf with lower fertility input.

Dr. Huang & Pat Burgess, Rutgers University

"Increasing Biomass & Nutrient Retention in Soil"

- 13% increase in total fungal and bacterial biomass in 7 days
- 70% increase in total fungal and bacterial biomass after 60 days
- Soil Nitrogen availability increased over 650%

APEX-10 provides resources for bacterial and fungal growth and increases activity indicating that APEX-10 is a quick colonizing resource. The increase in soil biology indicates that microorganisms maintain higher levels of nutrients in the presence of APEX-10.

Paul Wagner, Soil Foodweb Inc.

"Evaluating Root Development & Root Strength with APEX-10 and Leonardite"

- Increase in root mass, root strength and tiller density

The study demonstrates that APEX-10 is measurably superior to Leonardite and will improve conditions in less than optimum growing environments.

Dr. Ervin, Dr. Zhang & J. Roberts, Virginia Tech

"Enhancing Plant Productivity during Drought Conditions"

- Increase in antioxidants
- Increase photochemical efficiency
- Increase visual quality
- Increase root weight

Study showed that APEX-10 retained much higher visual quality, less wilting, sustained growth and function.
Dr. Ervin, Virginia Tech

APEX-10 is essential for all turf managers' Fall seeding and sodding applications to increase performance and ensure winter survivability.

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