Why should Golf Course Superintendents use Biologicals

PREVENT Stress damage & Disease Prevalence



INCREASE
Player Satisfaction &
Improve Course Revenue

Whether you are maintaining a PGA, country club or public course, providing meticulously turf can be as important as the game itself. A beautiful course helps to secure as well as attract new revenue all season long. More frequently, superintendents are discovering the powerful benefits of integrating biologicals into their current turf management programs. Not only do biologicals help recover divots and torn up tee-boxes quickly, they deepen and strengthen roots, protect against environmental stresses, mitigate disease prevalence, improve greening, increase nutrient uptake (reducing excessive nitrogen application), and offer a more effective and Eco-Responsible solution. Greatly improving the appearance and health of your course.

Biologicals also comply with blackout and/or nutrient regulated periods or regions.

WHAT ARE BIOLOGICALS

Any living organisms or organic-based substance produced by an organism that has a direct, positive effect on the growth, defense, reproduction, or metabolic rate of a plant. Examples of biologicals included but not limited to, microbes (bacteria and mycorrhizae) kelp or seaweed extracts, carbon (humic or fulvic acid) and hormones.

BENEFITS TO TURF

- · Improves soil structure resulting in optimal microbial activity
- · Promotes thicker and greener turf
- · Improves nutrient solubilization, cycling and uptake
- · Deep rooting, increases root mass and root initiation
- · Sustains health under abiotic (environmental and mechanical) stresses
- · Strengthens the plant against biotic (disease) stresses
- · Helps plants cope with high saline soils

BENEFITS TO SUPERINTENDENTS

- · Fertilizer applications last longer, reducing the frequency of application
- · Decrease overall water usage, and improve water quality
- Eco-Responsible aerates soil, keeps nutrient in the root zone, reducing leaching or runoff into ponds
- · Blackout/ NPK regulation approved
- · Reduces the need for stress recovery (cutting time and costs)
- · Mitigates disease prevalence
- Results in consistently healthy looking turf; improving golf course esteem, customer satisfaction and new revenue



Revolutionary Nutrient Optimizing Technology



ANALYSIS

- Microbial Metabolites
- Chelated Iron (.4%)
- Humic Substances (5%)
- Kelp Extract (5%)
- MobilEX™

FORMULATION

Biological Soil Amendment

MODE OF ACTION
Root Absorbed

RESTRICTED USE

PACKAGING INFORMATION

1.0 gal. | #510894

2.5 gal. | #540894-2.5





FIELD RESULTS

RAPID ROOT GROWTH

Results shown reflect the significant root growth after one application of LESCO® CarbonPro™-L with MobilEX™.







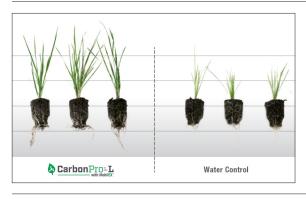
INCREASED ROOT MASS, LESS NITROGEN

LESCO® CarbonPro $^{\mathsf{T}}$ - L with MobilEX $^{\mathsf{T}}$ promoted more root mass and shoot growth using 30% less nitrogen than positive and negative controls in Tall Fescue.

Control	1.0 lb.	0.7 lb.	0.7 lb + CarbonPro-L [™]
0.7 g	.84 g	.83 g	1.47 g

^{*}Non-control is 22-0-4 | Measurement is per 1,000 sq. ft.

PRODUCT LAB RESULTS



ENHANCED ROOT & SHOOT GROWTH

LESCO® CarbonPro™–L with MobilEX™ dramatically increased root and shoot growth in Ryegrass in greenhouse slant tube tests.

INCREASED MICRO & MACRO NUTRIENT ABSORPTION

LESCO® CarbonPro™-L with MobilEX™ nearly doubled the absorption of key nutrients in Tall Fescue when used with fertilizer.

