



PROFESSIONAL TURF FERTILIZER + **AMP-XC™**

Enriched with Microbial Metabolites. Humic & Iron are available on select blends



NUTRIENTS + SOIL ENRICHMENT

for Optimal Turf and Soil Health

TCS GrowStar™ professional fertilizers powered by AMP-XC™ are a 2-in-1 formulation of premium nutrients plus soil enriching microbial metabolites/protein hydrolysates. These products are designed to drive nutrition straight to the root zone, greatly improving root growth and nutrient uptake. They also enrich the soil with a rich source of proteins, amino acids, organic acids, volatile organic compounds (VOCs), fulvic acids, and natural bacteria that are highly beneficial to both the plant and soil for optimal performance. Select blends are also available with humic and iron.

A variety of professional fertilizers powered by AMP-XC™ are available to optimize your turf and soil nutrition. Unlike typical fertilizers, the AMP-XC™ enhanced products offer additional benefits including stimulating root growth, improving moisture storage and increasing nutrient absorption. To professionals, fertilizers powered by AMP-XC™ improve your ROI on material costs, reduce operational expenses by getting 2 treatments in one application, and provide outstanding, healthy, deep green turf.

KEY INGREDIENTS

- **NPK**
- **AMP-XC™** (A proprietary blend and rich source of proteins, amino acids, organic acids, volatile organic compounds (VOCs), fulvic acids and natural bacteria that are highly beneficial to the plant and soil.)

Ingredients also Available:

- Humic
- Iron



Ready to order?

Contact your sales representative to learn what blends are available.

SALES CONTACT

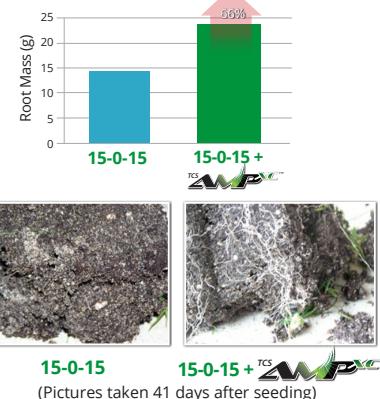
KEY BENEFITS

- Provides Fertilizer and Soil Enrichment in ONE application (improving ROI on \$ and labor)
- Drives nutrients to the root zone, improving macro and micronutrients uptake by over 30% (see chart below)
- Stimulates root growth leading to a harder root system and stress-tolerant turf. Increasing moisture storage and strengthening against environmental stresses like heat, drought and physical agitation (high foot traffic)
- Deepens the plant's green color through increased chlorophyll concentration resulting in increased photosynthesis and lush green turf (and Iron in select blends)
- Acts as a natural chelator (which facilitates the uptake of trace minerals and prevents them from leaching out of the root zone in the soil). Improves the sequestration of iron, calcium, magnesium, potassium and other cations difficult to procure from the soil
- Supplements soil with organic matter to aerate compacted soils (clay or sand), allowing for enhanced water penetration and retention

APPLICATION RESULTS

TCS AMP-XC™ Technology is Backed by 600+ Efficacy Studies

When Supplemented with Fertilizer, AMP-XC™ Significantly Improved Root Growth in Ryegrass
Auburn University



AMP-XC™ Increases the Uptake of Key Macro- and Micro-nutrients - OVER 30%

Results extracted from dry leaf tissue - Auburn University

