



WHY HUMA GRO® TURF

- *Create sustainable soil fertility*
- *Save with ultra-efficient turf nutrition*
- *Do more with precision growth management*
- *Keep playing with zero-residue pest/disease control*

HUMA GRO® TURF
invites you to experience the
benefits of our broad-spectrum
line of ultra-efficient
carbon-based turf products.



*Achieve Luxurious Playing Surface
& Optimal Soil Conditions*



Powered by
**MICRO CARBON
TECHNOLOGY®**



Bio Huma Netics, Inc.
1331 W. Houston Ave., Gilbert, AZ USA 85233

1.480.961.1220

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**MICRO CARBON
TECHNOLOGY®**

WHAT IS
MICRO CARBON TECHNOLOGY®?

Micro Carbon Technology® (MCT) is a proprietary blend of extremely small organic carbon- and oxygen-rich molecules that act as a source of carbon and provide an ultra-efficient vehicle to move nutrients and other molecules into the plant through the soil and/or the leaves.

WHERE DOES
MCT COME FROM?

The beginning of MCT can be traced back to 1973, when our scientists discovered a unique organic material that, when applied to turf, improved both the soil's fertility and the plants' nutrient uptake. We know this material to be composed of many organic acids similar to leonardite. Our product is a soft, humic material that is highly mineralized and rich in carbon, that was never compressed or heated to become coal. We break down the humic acids into small carbon molecules (MCT), concentrate them into a liquid, and use this as a base for all our products.

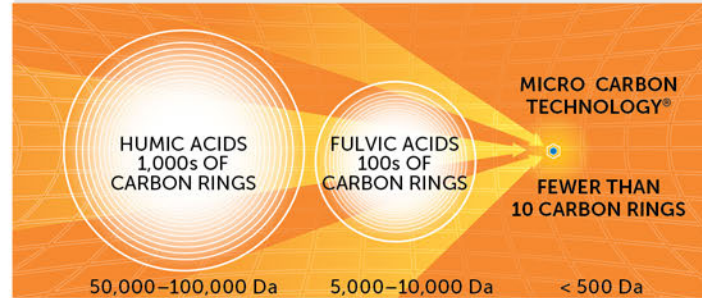
WHAT CAN **MCT-BASED PRODUCTS DO** THAT **OTHER PRODUCTS DO NOT?**

MCT is an ultra-efficient delivery system that allows turf managers to achieve far more with much less product. **With MCT, you can lower input volume while increasing effectiveness.** Many inputs harm the soil. Huma Gro products have a **positive environmental impact while promoting overall soil and plant health.** Also, MCT acts as an instantly available source of carbon within the plant and soil that is able to be immediately used by the plant.

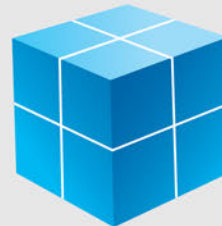
FOR MORE INFORMATION ON HUMA GRO® TURF PRODUCTS GO TO
WWW.HUMAGROTURF.COM

HOW DOES **MCT** PRODUCE
SUCH **COMPELLING** RESULTS?

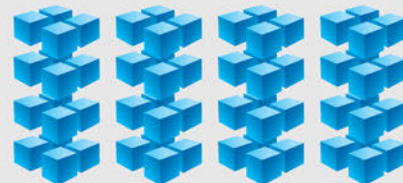
THE CARBON MOLECULE MAKES THE DIFFERENCE.
The significantly smaller particle size allows nutrients to be transported through leaf and root at a far higher rate.



MCT PRODUCES ORGANIC MATERIAL WITH GREATER SPECIFIC SURFACE AREA.



REPRESENTS STANDARD HUMIC PARTICLE



MICRO CARBON TECHNOLOGY®

WHAT MAKES
HUMA GRO® PRODUCTS
UNIQUE AND SO EFFICIENT?

Products powered by Micro Carbon Technology® can be up to 10x more efficient than conventional fertilizers. The secret to our high efficiency rates is Micro Carbon Technology®. Using MCT as the base, we have developed a full line of effective products for virtually every type of application. By building upon this base, the result is:

- **Enhanced activity and diversity of beneficial microorganisms.**
- **Improved soil physical structure.**
- **Enhanced nutrient availability and uptake.**
- **Dramatically increased product use efficiency.**

Our products rapidly deliver essential nutrition to your turf for optimal growth and vigor. The results are higher quality and more durable turf.

WHAT ARE THE KEY BENEFITS OF
MICRO CARBON TECHNOLOGY®?

BUFFERS SOIL: pH and EC

PROVIDES CARBON: Efficient source of carbon

NON-SELECTIVE: works with both metallic (+) and non-metallic (-) ions

VERSATILE DELIVERY: sprayed on the soil directly or applied through all irrigation systems and/or as a foliar

LOW ENERGY: requires less effort to uptake nutrients and protects them from being tied up in the soil profile

