




Our goal is to build a globally recognized company that transforms carbon residues into sustainable solutions, addressing environmental challenges while creating value and advancing a circular economy.



Carbon OxyTech

For orders, please contact

-  ***1-403-641-0111***
-  ***sales@carbonoxytech.com***
-  ***www.carbonoxytech.com***



We produce high-quality organic fertilizers using eco-friendly technology that operates at lower temperatures and pressures.

Our innovative technology transforms crop residues, natural resources, coal, and other carbon-based materials into valuable organic products, contributing to a more sustainable future.

Our products are suitable for organic production and are OMRI Listed.

 ***Proudly Canadian***

Based in Calgary, Alberta



Carbon OxyTech







Delivering innovative organic fertilizer solutions for sustainable agriculture

TerraFuel

TerraFuel is a high-quality humic powder with a fine, uniform particle size, specifically developed to integrate seamlessly with dry fertilizers, liquid formulations, and soil conditioning programs.

Produced using our proprietary carbon transformation technology, TerraFuel delivers concentrated humic substances that improve soil health, nutrient availability, and fertilizer efficiency across agricultural and industrial applications.

Products Characteristics (ISO 19822)

Component	Typical Value
 Humic Substances	~64%
 Organic Carbon	~40%
 pH	3-4
 Moisture	28-32%
 C:N Ratio	~170
 Bulk Density	48 lb/ft ³ (774 kg/m ³)

Typical Applications



AGRICULTURE
—
soil conditioning,
fertilizer blending



DRILLING & INDUSTRIAL USES
—
carbon-based
conditioning



MANUFACTURING
—
specialty
formulations



TerraFuel complements the SoilFuel Plus liquid portfolio by offering a high-performance solid humic solution for blending, formulation, and large-scale soil conditioning.



Key Benefits

- High concentration of humic substances
- Improves nutrient retention and uptake
- Enhances soil structure and carbon content
- Compatible with dry blending and extraction systems
- Highly soluble, enabling fast dissolution with minimal mixing