



Bio-Refining Technologies — Bio-Char

What is Bio-Char?

Biochar is a charcoal-like substance that's made by burning organic material from agricultural and forestry wastes (also called biomass) in a controlled process called pyrolysis. Although it looks a lot like common charcoal, biochar is produced using a specific process to reduce contamination and safely store carbon.

SOME KEY FACTS

- Used as a soil amendment for both carbon sequestration and soil health benefits
- A stable solid, rich in carbon, can endure in soil for thousands of years
- Great opportunity to utilize harvest residues
- High potash, elevated pH, improves yields
- Improves water quality, reduces soil nutrient leaching, soil acidity, and irrigation and fertilizer requirements
- Long term job opportunity