

PREMIUM
LANDSCAPE
BIOCHAR



SOIL
ENHANCEMENT
FOR HEALTH
AND GROWTH.



BARTLETT
TREE EXPERTS

SCIENTIFIC TREE CARE SINCE 1907



ANCIENT PRACTICES BECOME MODERN INNOVATION

Inspired by the historical use of charcoal as a soil amendment in the South American Amazon Basin, biochar fulfills a modern imperative to provide organic soil treatment programs to urban and suburban landscapes.

BIOCHAR IS A TERM FOR THE ANCIENT PRACTICE OF RECYCLING WASTE PRODUCTS INTO A STABLE, ORGANIC, CARBON-RICH CHARCOAL FOR SOIL ENHANCEMENT (“TERRA PRETA” BLACK EARTH).





PREMIUM LANDSCAPE BIOCHAR SEQUESTERS CARBON WHILE IMPROVING PLANT HEALTH AND GROWTH

Global carbon dioxide levels are increasing and are a major contributor to worldwide climate change. Biochar is a unique product that sequesters carbon and simultaneously benefits soils and plants.

Bartlett Tree Experts Premium Landscape Biochar is an organic soil amendment to increase tree and shrub growth and overall health over a long time span.





BARTLETT TESTING AND APPLICATION

Comprehensive trials include urban street trees, suburban sites and other challenging soil environments, proving the product's effectiveness even in the harshest of conditions.

Application may be made through soil incorporation, at planting, or through liquid injection. This organic amendment is ideal for trees and shrubs in any environment; urban, suburban, municipal, residential or commercial properties alike.



BIOCHAR IS A CARBON-ENRICHED ADDITIVE FOR SOIL

Bartlett's Premium Landscape Biochar is made from wood waste, but biochar can also be made from crop residues and manure—almost any discarded organic waste. When this material is processed with heat in a low (or no) oxygen environment, it produces a carbon-enriched co-product; a “charcoal” that enhances soil.



HOW BIOCHAR BENEFITS SOIL

Plant and soil science researchers have found biochar:

- Enhances soil fertility while reducing nutrient leaching and ground water contamination
- Increases soil microbial activity
- Increases water retention



HOW BIOCHAR BENEFITS PLANTS

Beneficial fungi, bacteria, and other microbes thrive in soil amended with biochar. Biochar sustains populations of these microbes, which helps suppress plant diseases and benefits root health. Adding Biochar to soil:

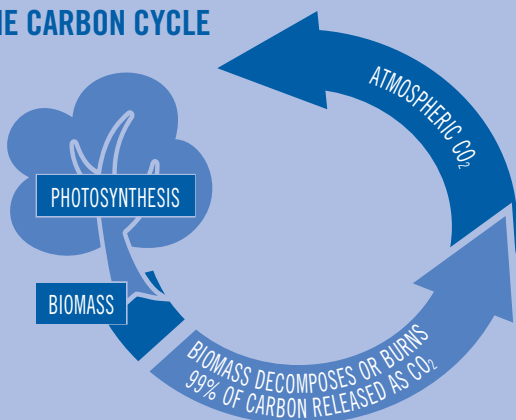
- Stimulates plant growth
- Reduces disease and insect susceptibility



BENEFITS FOR THE ENVIRONMENT

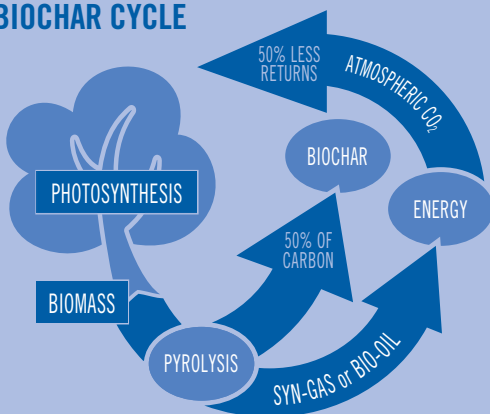
Biochar production (pyrolysis) retains carbon in a stable form (biochar) and produces heat energy and synthesis gas. The process sequesters atmospheric CO₂ and may positively impact climate change.

THE CARBON CYCLE



ALMOST ALL OF THE CARBON RETURNS TO THE AIR.

THE BIOCHAR CYCLE



UP TO HALF OF THE CARBON IS SEQUESTERED.

ORGANIC SOLUTIONS FOR LANDSCAPES

Bartlett is committed to providing our clients with organic solutions. Ask your Bartlett Arborist Representative about how biochar can help your trees and shrubs.





CONTACT YOUR BARTLETT
ARBORIST REPRESENTATIVE
TODAY!

1-877-BARTLETT
1-877-227-8538



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