



How To Create **Biochar**

Biochar is a charcoal produced from the burning of super-heating biomass in a low to no oxygen environment.

Biochar is used as a sustainable soil amendment made from the char remains of burning dried out plants, in particular for Howard EcoWorks, invasive species. Howard EcoWorks has been experimenting and adopting biochar burning practices with a kiln since 2019, based on the practice and teachings from Kelpie Wilson of Wilson Biochar in Oregon.

1. Create or purchase a Flame-Cap Kiln, it's the simplest and most accessible way to make biochar.
2. Organize and stack uniform pieces of dry wood (MD invasives are a plus!) into a cone-like shape.
3. Burn the pile within the kiln at temperatures of at least 662°F for the organic matter to volatilize and converge to char.
4. Pour LOTS of water to extinguish the fire rapidly to prevent ash formation.
5. Once cooled, apply biochar to a number of different applications for improved health results!

Biochar Benefits

- ↑ Soil's Organic Carbon
- ↑ Crop Yield & Soil Moisture
- ↑ Nutrient Retention Levels
- ↓ Soil Acidity



Sequesters
Carbon for 100+
Years to Come!

Biochar Applications



Agriculture



Composting



Urban
Landscaping



Water
Treatment

Our Crew can apply Biochar to your landscaping needs!

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