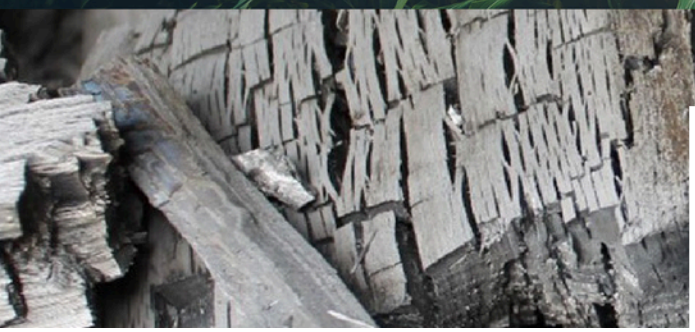
Biochar Factsheet for Minnesota Landowners

Consider Biochar Benefits for Your Land



1 - Biomass

2 - Burning

3 - Biochar Produced

4 - Field Applied

Turn your waste wood into a soil health amendment super power

Make it into biochar!

Ratio of biomass in: biochar out Expect significant reduction in volumes when making biochar.

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You will reduce the volume up to 10 times.

Making biochar is a great forest management tool.

Diseased orinsectinfectedtreescanbecutandburnedonsitetomakebiocharandalsocontrol insects and disease transfer to healthy trees.

Clearing brush on your land reduces wild fire fuels, and provides open landscape wildlife habitat for game species like sharp tailed grouse and woodcock and countless song birds and animals.

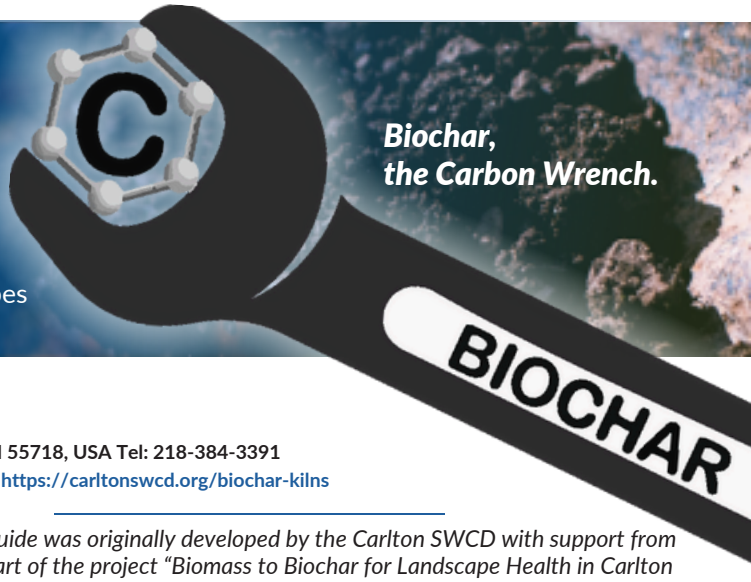
Make it at home use it at home. Biochar is best mixed with compost of livestock bedding to fill all those wood pore spaces with nutrients, microbes, bacteria, andminerals that will super chargethe biochar andmake your soilsmorehealthy.

Harness the power of biochar by adding it to your compost and applying the mix to your garden, potting soil, lawn, woods or fields. Anywhere your soil needs help.

Biochar fixescarbon by takingitout ofthe atmosphere and putting itinto soil. Wecan let trees andplants dothe work of pulling carbon from the atmosphere, lock that carbon up in a stable form as biochar, and avoid plant decay and carbon release. When we harvest biomass waste, convert it to biochar, and apply it to soil - we extend carbon storage. We can take CO2 from the air, absorbed by trees and plants, and use biomass waste products to enrich our soils and store carbon indefinitely.

Applying biochar can fix:

- Drought conditionsby holdingwater in soil
- Flooding by improving rainwater infiltration
- Nutrient shortages by holding nutrients in soil
- Soil health by improving conditions for beneficial soil microbes



Biochar, the Carbon Wrench.

Formerly Hosted by: CARLTON SWCD SOIL & WATER CONSERVATION DISTRICT

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For more information, visit: https://carltonswcd.org/biochar-kilns

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