



# Biochar Resources

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## In-depth websites with a breadth of resources:

- [New York Soil Health](#)
- [Pacific Northwest Biochar Atlas](#)
- [US Biochar Initiative - Learning Center Database](#)
- [Umpqua Biochar Education Team](#)
- [The Biochar Journal](#)
- [International Biochar Initiative](#)
- [American Farmland Trust: Biochar Basics & Research](#)

## Overview of the science & application of biochar:

- Fantastic lecture intro to the science & use of biochar (Dr. Debbie Aller):  
<https://www.youtube.com/watch?v=bRmhqL8fGxY&t=1937s>
- US Biochar Initiative (USBI) Fact Sheets
  - [Biochar Guidelines for Agricultural Applications](#)
  - [Beyond Application: Learning More About Biochar](#)
  - [Filter Pollutants with Biochar](#)
  - [Biochar in Compost](#)
  - [Biochar & Carbon Sequestration](#)
  - [Biochar in Growing Media](#)
  - [Interpreting Biochar Lab Reports](#)
  - [NRCS Biochar Funding for US Producers](#) (as of 2023)

## Biochar generation guidelines:

- [Practice Guidelines for Flame Kap Kilns](#) (Umpqua Biochar Edu Team)
- [Kontiki specific video tutorial](#)
- [Sample Burn Log](#)

## Biochar selection & application guidelines:

- [Frequently Asked Questions About Biochar Applied to Soil](#) (Baschieri et al. 2023)
- [How to use biochar in barns](#) (Umpqua Biochar Edu Team)
- [How to use biochar in compost](#) (Umpqua Biochar Edu Team)
- [Biochar Selection Tool](#) - *Specific to the PNW soils & feedstocks, but a useful starting point!*
  - [Summary of Key Recommendations](#)
- [Biochar Property Explorer](#) - *Specific to the PNW soils & feedstocks*
- [2025 Northeast Biochar Supplier List](#) ()

## In-depth readings:

- [Background on the Kon-Tiki Flame Cap Kiln](#)
- [Scientific review of the impacts of biochar](#)