Basics of Biochar: On-Farm Kiln and Soil Amendments

Finnriver Farm and Cidery
Chimacum, WA
Saturday, Dec 8th, 2018
10am – 3pm
$25

Learn More and Register @ www.foodsystems.wsu.edu/farmwalk/
Cascadia Grains Conference

SAVE THE DATE
JAN. 18-19, 2019
OLYMPIA, WA

www.cascadiagrains.com

Revitalizing a local grain economy in the Cascadia Region

FRIDAY FIELD TRIPS

HANDS-ON BAKING
BREWING & DISTILLING
PRODUCTION EQUIPMENT
GRAINS TASTING

SATURDAY CONFERENCE

RESOURCE EXPO
KEYNOTE SPEAKER
WORKSHOP SESSIONS
TASTING TOUR

THE CASCADIA GRAINS CONFERENCE brings together farmers, bakers, brewers, distillers, brokers, investors, researchers and others in an effort to enhance the local food economy by sharing the latest science, techniques, and developments for niche-grains in the Cascadia region. Holding a space for new business, policy, and research relationships to form and existing ones to be strengthened.

The Cascadia Grains Conference is presented by WSU Food Systems

www.cascadiagrains.com
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WSU Food Systems Program and Tilth Alliance have been collaboratively presenting the FARMWALK series for 15 years! These farmer-to-farmer educational events are hosted by organic, sustainable, and innovative farms throughout Washington State. We reach over 450 attendees each year seeking education, advice, and mentorship from experienced farmers, agricultural professionals, and WSU researchers and specialists. Held throughout the growing season in geographically disperse areas of the state, the unique expertise developed by established growers and researchers is shared experientially through guided question-and-answer sessions.

Learn more at foodsystems.wsu.edu/farmwalk/

And a big THANKS!
To Jefferson County Extension for welcoming the FARMWALK program into your community and your continued support of sustainable food systems!

Learn more at extension.wsu.edu/jefferson/
Charcoal, referred to as ‘biochar’ when applied in agricultural soils, has been shown to store carbon, retain nutrients and water, increase biological activity, and increase a plant’s ability to absorb nutrients. New research on biochar’s influence on soil carbon stabilization and increase in biological activity present an opportunity for charcoal to become a foundational element of regenerative agriculture, furthering other carbon-based farming practices. This FARMWALK brings together partners working on on-farm solutions and will provide a summary of local and international research, as well as a series of on-farm and forestry production methods for converting woody debris into a resource that can increase crop resiliency in a changing climate.

This FARMWALK will take place at Finnriver Farm and Cidery in Chimacum, WA and brings together several community partners that have been working together to develop biochar production systems on-farm and seeking beneficial end uses. These partners include Finnriver Farm, Olympic Biochar, Jefferson County Conservation District, Jefferson Land Trust and host Kai Hoffman-Krull, the Executive Director of Forage, a research non-profit dedicated to innovative practices in sustainable agriculture. Kai coordinated a 3 year research project on biochar with farms in San Juan County and the University of Washington and University of Montana. He also runs the non-profit’s market garden, selling produce to local restaurants and coops. Kai worked as a manager for the Yale Farm, and currently collaborates with students and faculty at the University of Montana on publishing academic and magazine articles on biochar, soil carbon, nutrient density, and crop resiliency in our age of climate change.
Additional Resources...

Online Resources:

WSU’s Center for Sustaining Agriculture and Natural Resources has an extensive amount of research content on biochar and pyrolysis technology.
http://csanr.wsu.edu/publications-library/energy/biochar/

Olympic Biochar
https://www.olympicbiochar.com

Biochar - the future of sustainable agriculture: Lauren Hale at TEDxUCR
https://www.youtube.com/watch?v=AKBkqIoalxQ

Restore Char
http://restorechar.org

International Biochar Initiative
https://biochar-international.org

Article by Kelpie Wilson on Biochar and Forest Restoration

EcoFarming Daily - Biochar: Prepping it for Soil
http://www.ecofarmingdaily.com/biochar-prepping-soil/

Hugh McLaughlin - Biochar: A Powerful Tool for Carbon Farming
https://www.youtube.com/watch?v=AUh1vwDjaVo&feature=youtu.be

Article by Kelpie Wilson - How biochar works in soil

Article by Kathleen Draper - The Biochar Displacement Strategy

Want to Search for More?

WSU Publications: https://pubs.wsu.edu
WSU Extension: https://extension.wsu.edu
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**Revitalizing a local grain economy in the Cascadia Region**

**REGISTER NOW**

**Cascadia Grains Conference**

**JAN. 18-19, 2019**

**OLYMPIA, WA**

This conference wouldn’t be possible without the support of donors like you.

**BECOME A DONOR!**

Contact: Aba Kiser, Conference Coordinator
cascadia.grains@wsu.edu
360-379-5610 ext 211

www.cascadiagrains.com

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