This biochar webinar series will provide an introduction to biochar and review some current advances in biochar science, with subsequent discussion of nursery and landscape research and applications.

Tuesday, November 10th: Biochar Basics Overview, 12:00 – 2:30 PM (EST)
Registration link: https://cornell.zoom.us/webinar/register/WN_8gZuMtDdR1GAbPjwvouiEQ

Biochar: an introduction to a sustainable soil amendment
Deborah Aller, PhD, Agricultural Stewardship Specialist, CCE - Suffolk

USBI: Introduction to the biochar community
Tom Miles, Executive Director - USBI (United States Biochar Initiative)

Biochar for climate mitigation: withdrawing carbon dioxide from the atmosphere and sequestering it in soil
Johannes Lehmann, PhD, Professor - Cornell University

Thursday, November 12th: Science Behind Biochar, 5:00 – 7:30 PM (EST)
Registration link: https://cornell.zoom.us/webinar/register/WN_n9SKPbxzT8iJHi6y2F8xqw

Properties of biochar and torrefied biomass: the science in the analytical black box
Jillian Goldfarb, PhD, Assistant Professor - Cornell University

Advances in biochar production
Bernardo Del Campo, PhD, President - ARTi (Advanced Renewable Technology International)

Valorization of biochar: Applications in nutrient recycling from animal manure
Chumki Banik, PhD, Research Associate - Iowa State University
Tuesday, November 17th: Ornamental Nursery Applications of Biochar, 12:00 – 2:30 PM (EST)

Registration link: https://cornell.zoom.us/webinar/register/WN_4i1atbu3T-aha9QnzqjgkQ

Biochar as a substrate in container production
Neil Mattson, PhD, Associate Professor - Cornell University

Biochar nursery trials in Long Island container and field production
Deborah Aller, PhD, Agricultural Stewardship Specialist, & Mina Vescera, Nursery/Landscape Specialist, CCE-Suffolk

Biochar as a soil amendment for blueberry production
Bryan Sales, PhD, Assistant Professor - University of North Carolina at Pembroke

Thursday, November 19th: Landscape Applications of Biochar, 5:00 – 7:30 PM (EST)

Registration link: https://cornell.zoom.us/webinar/register/WN_Phk2l7tVT6-PDsXowW8WFQ

Biochar and biosolids increase tree growth and improve soil quality for urban landscapes
Bryant Scharenbroch, PhD Assistant Professor - University of Wisconsin-Stevens Point

Biochar as a soil amendment to improve tree survival and health in the urban environment
Emma Schaffert, The F. A. Bartlett Tree Experts, North Carolina

Field and landscape applications of biochar using a variety of methods
Andrew Borner, Owner of Natural Plant Solutions - Shaw Island, WA

Continuing Education Credits Per Webinar
NYS registered LAs: 2.5 credit hours in HSW
CNLP and ISA arborist credits: pending
NYSDEC applicator credits: none available for this series.

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